8 CONDUCTED RF OUPUT POWER

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8.8.5	NR Band41 Output Power（only for ENDC）
8.8.6	NR Band78 Output Power（only for ENDC）

8.1 GSM Output Power

GSM-Full Power-Ant.4								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.30	32.41	32.36	33.50	23.11	23.22	23.17	24.31
GPRS (GMSK, 1-Slot)	32.25	32.33	32.30	33.50	23.06	23.14	23.11	24.31
GPRS (GMSK, 2-Slots)	29.73	29.82	29.79	30.50	23.60	23.69	23.66	**24.37**
GPRS (GMSK, 3-Slots)	27.77	27.81	27.82	28.70	23.35	23.39	23.40	24.28
GPRS (GMSK, 4-Slots)	26.70	26.76	26.73	27.50	23.52	23.58	23.55	24.32
EGPRS (8PSK, 1-Slot)	26.32	26.44	26.43	27.50	17.13	17.25	17.24	18.31
EGPRS (8PSK, 2-Slots)	23.35	23.28	23.32	24.50	17.22	17.15	17.19	18.37
EGPRS (8PSK, 3-Slots)	21.13	21.23	21.17	22.70	16.71	16.81	16.75	18.28
EGPRS (8PSK, 4-Slots)	19.59	19.55	19.50	21.50	16.41	16.37	16.32	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	28.70	28.51	28.55	30.50	19.51	19.32	19.36	21.31
GPRS (GMSK, 1-Slot)	28.71	28.50	28.54	30.50	19.52	19.31	19.35	21.31
GPRS (GMSK, 2-Slots)	26.40	26.25	26.03	27.50	20.27	20.12	19.90	**21.37**
GPRS (GMSK, 3-Slots)	24.28	24.15	24.00	25.70	19.86	19.73	19.58	21.28
GPRS (GMSK, 4-Slots)	23.32	23.23	23.08	24.50	20.14	20.05	19.90	21.32
EGPRS (8PSK, 1-Slot)	26.05	25.95	25.94	27.00	16.86	16.76	16.75	17.81
EGPRS (8PSK, 2-Slots)	23.29	23.02	23.23	24.00	17.16	16.89	17.10	17.87
EGPRS (8PSK, 3-Slots)	20.90	20.97	21.10	22.20	16.48	16.55	16.68	17.78
EGPRS (8PSK, 4-Slots)	19.42	19.86	19.99	21.00	16.24	16.68	16.81	17.82

GSM-DSI 1-ANT4								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.30	32.41	32.36	33.50	23.11	23.22	23.17	24.31
GPRS (GMSK, 1-Slot)	32.25	32.33	32.30	33.50	23.06	23.14	23.11	24.31
GPRS (GMSK, 2-Slots)	29.73	29.82	29.79	30.50	23.60	23.69	23.66	**24.37**
GPRS (GMSK, 3-Slots)	27.77	27.81	27.82	28.70	23.35	23.39	23.40	24.28
GPRS (GMSK, 4-Slots)	26.70	26.76	26.73	27.50	23.52	23.58	23.55	24.32
EGPRS (8PSK, 1-Slot)	26.32	26.44	26.43	27.50	17.13	17.25	17.24	18.31
EGPRS (8PSK, 2-Slots)	23.35	23.28	23.32	24.50	17.22	17.15	17.19	18.37
EGPRS (8PSK, 3-Slots)	21.13	21.23	21.17	22.70	16.71	16.81	16.75	18.28
EGPRS (8PSK, 4-Slots)	19.59	19.55	19.50	21.50	16.41	16.37	16.32	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	24.50	24.41	24.25	26.00	15.31	15.22	15.06	16.81
GPRS (GMSK, 1-Slot)	24.48	24.38	24.23	26.00	15.29	15.19	15.04	16.81
GPRS (GMSK, 2-Slots)	22.04	21.99	21.84	23.00	15.91	15.86	15.71	**16.87**
GPRS (GMSK, 3-Slots)	20.09	20.00	19.93	21.20	15.67	15.58	15.51	16.78
GPRS (GMSK, 4-Slots)	19.03	18.99	18.91	20.00	15.85	15.81	15.73	16.82
EGPRS (8PSK, 1-Slot)	21.88	22.12	22.32	22.50	12.69	12.93	13.13	13.31
EGPRS (8PSK, 2-Slots)	19.09	18.65	18.83	19.50	12.96	12.52	12.70	13.37
EGPRS (8PSK, 3-Slots)	16.10	16.38	16.53	17.70	11.68	11.96	12.11	13.28
EGPRS (8PSK, 4-Slots)	14.90	15.37	15.48	16.50	11.72	12.19	12.30	13.32

GSM-DSI 2&3-ANT4								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.30	32.41	32.36	33.50	23.11	23.22	23.17	24.31
GPRS (GMSK, 1-Slot)	32.25	32.33	32.30	33.50	23.06	23.14	23.11	24.31
GPRS (GMSK, 2-Slots)	29.73	29.82	29.79	30.50	23.60	23.69	23.66	**24.37**
GPRS (GMSK, 3-Slots)	27.77	27.81	27.82	28.70	23.35	23.39	23.40	24.28
GPRS (GMSK, 4-Slots)	26.70	26.76	26.73	27.50	23.52	23.58	23.55	24.32
EGPRS (8PSK, 1-Slot)	26.32	26.44	26.43	27.50	17.13	17.25	17.24	18.31
EGPRS (8PSK, 2-Slots)	23.35	23.28	23.32	24.50	17.22	17.15	17.19	18.37
EGPRS (8PSK, 3-Slots)	21.13	21.23	21.17	22.70	16.71	16.81	16.75	18.28
EGPRS (8PSK, 4-Slots)	19.59	19.55	19.50	21.50	16.41	16.37	16.32	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	28.70	28.51	28.55	30.50	19.51	19.32	19.36	21.31
GPRS (GMSK, 1-Slot)	28.71	28.50	28.54	30.50	19.52	19.31	19.35	21.31
GPRS (GMSK, 2-Slots)	26.40	26.25	26.03	27.50	20.27	20.12	19.90	**21.37**
GPRS (GMSK, 3-Slots)	24.28	24.15	24.00	25.70	19.86	19.73	19.58	21.28
GPRS (GMSK, 4-Slots)	23.32	23.23	23.08	24.50	20.14	20.05	19.90	21.32
EGPRS (8PSK, 1-Slot)	26.05	25.95	25.94	27.00	16.86	16.76	16.75	17.81
EGPRS (8PSK, 2-Slots)	23.29	23.02	23.23	24.00	17.16	16.89	17.10	17.87
EGPRS (8PSK, 3-Slots)	20.90	20.97	21.10	22.20	16.48	16.55	16.68	17.78
EGPRS (8PSK, 4-Slots)	19.42	19.86	19.99	21.00	16.24	16.68	16.81	17.82

GSM-DSI 4-ANT4								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.30	32.41	32.36	33.50	23.11	23.22	23.17	24.31
GPRS (GMSK, 1-Slot)	32.25	32.33	32.30	33.50	23.06	23.14	23.11	24.31
GPRS (GMSK, 2-Slots)	29.73	29.82	29.79	30.50	23.60	23.69	23.66	**24.37**
GPRS (GMSK, 3-Slots)	27.77	27.81	27.82	28.70	23.35	23.39	23.40	24.28
GPRS (GMSK, 4-Slots)	26.70	26.76	26.73	27.50	23.52	23.58	23.55	24.32
EGPRS (8PSK, 1-Slot)	26.32	26.44	26.43	27.50	17.13	17.25	17.24	18.31
EGPRS (8PSK, 2-Slots)	23.35	23.28	23.32	24.50	17.22	17.15	17.19	18.37
EGPRS (8PSK, 3-Slots)	21.13	21.23	21.17	22.70	16.71	16.81	16.75	18.28
EGPRS (8PSK, 4-Slots)	19.59	19.55	19.50	21.50	16.41	16.37	16.32	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	23.96	24.06	23.88	25.50	14.77	14.87	14.69	16.31
GPRS (GMSK, 1-Slot)	24.14	24.02	23.84	25.50	14.95	14.83	14.65	16.31
GPRS (GMSK, 2-Slots)	21.50	21.43	21.31	22.50	15.37	15.30	15.18	**16.37**
GPRS (GMSK, 3-Slots)	19.48	19.44	19.35	20.70	15.06	15.02	14.93	16.28
GPRS (GMSK, 4-Slots)	18.52	18.49	18.42	19.50	15.34	15.31	15.24	16.32
EGPRS (8PSK, 1-Slot)	21.92	21.98	21.83	22.00	12.73	12.79	12.64	12.81
EGPRS (8PSK, 2-Slots)	17.99	18.13	18.55	19.00	11.86	12.00	12.42	12.87
EGPRS (8PSK, 3-Slots)	15.71	15.82	16.04	17.20	11.29	11.40	11.62	12.78
EGPRS (8PSK, 4-Slots)	14.49	14.63	14.75	16.00	11.31	11.45	11.57	12.82

8.1 GSM Output Power

GSM-Full Power-ANT1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.89	32.91	32.77	33.50	23.70	23.72	23.58	24.31
GPRS (GMSK, 1-Slot)	32.80	32.80	32.67	33.50	23.61	23.61	23.48	24.31
GPRS (GMSK, 2-Slots)	30.29	30.31	30.19	30.50	24.16	24.18	24.06	**24.37**
GPRS (GMSK, 3-Slots)	28.33	28.33	28.22	28.70	23.91	23.91	23.80	24.28
GPRS (GMSK, 4-Slots)	27.27	27.27	27.15	27.50	24.09	24.09	23.97	24.32
EGPRS (8PSK, 1-Slot)	26.84	26.81	26.99	27.50	17.65	17.62	17.80	18.31
EGPRS (8PSK, 2-Slots)	23.62	23.67	23.76	24.50	17.49	17.54	17.63	18.37
EGPRS (8PSK, 3-Slots)	21.22	21.27	21.26	22.70	16.80	16.85	16.84	18.28
EGPRS (8PSK, 4-Slots)	19.96	19.99	20.04	21.50	16.78	16.81	16.86	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	29.53	29.45	29.27	30.50	20.34	20.26	20.08	21.31
GPRS (GMSK, 1-Slot)	29.47	29.38	29.21	30.50	20.28	20.19	20.02	21.31
GPRS (GMSK, 2-Slots)	26.75	26.71	26.61	27.50	20.62	20.58	20.48	**21.37**
GPRS (GMSK, 3-Slots)	24.67	24.62	24.59	25.70	20.25	20.20	20.17	21.28
GPRS (GMSK, 4-Slots)	23.87	23.86	23.82	24.50	20.69	20.68	20.64	21.32
EGPRS (8PSK, 1-Slot)	25.95	26.06	25.96	27.00	16.76	16.87	16.77	17.81
EGPRS (8PSK, 2-Slots)	23.08	22.90	22.87	24.00	16.95	16.77	16.74	17.87
EGPRS (8PSK, 3-Slots)	20.50	20.62	20.61	22.20	16.08	16.20	16.19	17.78
EGPRS (8PSK, 4-Slots)	19.30	19.25	19.70	21.00	16.12	16.07	16.52	17.82

GSM-DSI1&2-ANT1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.89	32.91	32.77	33.50	23.70	23.72	23.58	24.31
GPRS (GMSK, 1-Slot)	32.80	32.80	32.67	33.50	23.61	23.61	23.48	24.31
GPRS (GMSK, 2-Slots)	30.29	30.31	30.19	30.50	24.16	24.18	24.06	**24.37**
GPRS (GMSK, 3-Slots)	28.33	28.33	28.22	28.70	23.91	23.91	23.80	24.28
GPRS (GMSK, 4-Slots)	27.27	27.27	27.15	27.50	24.09	24.09	23.97	24.32
EGPRS (8PSK, 1-Slot)	26.84	26.81	26.99	27.50	17.65	17.62	17.80	18.31
EGPRS (8PSK, 2-Slots)	23.62	23.67	23.76	24.50	17.49	17.54	17.63	18.37
EGPRS (8PSK, 3-Slots)	21.22	21.27	21.26	22.70	16.80	16.85	16.84	18.28
EGPRS (8PSK, 4-Slots)	19.96	19.99	20.04	21.50	16.78	16.81	16.86	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	29.53	29.45	29.27	30.50	20.34	20.26	20.08	21.31
GPRS (GMSK, 1-Slot)	29.47	29.38	29.21	30.50	20.28	20.19	20.02	21.31
GPRS (GMSK, 2-Slots)	26.75	26.71	26.61	27.50	20.62	20.58	20.48	**21.37**
GPRS (GMSK, 3-Slots)	24.67	24.62	24.59	25.70	20.25	20.20	20.17	21.28
GPRS (GMSK, 4-Slots)	23.87	23.86	23.82	24.50	20.69	20.68	20.64	21.32
EGPRS (8PSK, 1-Slot)	25.95	26.06	25.96	27.00	16.76	16.87	16.77	17.81
EGPRS (8PSK, 2-Slots)	23.08	22.90	22.87	24.00	16.95	16.77	16.74	17.87
EGPRS (8PSK, 3-Slots)	20.50	20.62	20.61	22.20	16.08	16.20	16.19	17.78
EGPRS (8PSK, 4-Slots)	19.30	19.25	19.70	21.00	16.12	16.07	16.52	17.82

GSM-DSI3&4 -ANT1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm）
GSM (GMSK, 1-Slot)	32.89	32.91	32.77	33.50	23.70	23.72	23.58	24.31
GPRS (GMSK, 1-Slot)	32.80	32.80	32.67	33.50	23.61	23.61	23.48	24.31
GPRS (GMSK, 2-Slots)	30.29	30.31	30.19	30.50	24.16	24.18	24.06	**24.37**
GPRS (GMSK, 3-Slots)	28.33	28.33	28.22	28.70	23.91	23.91	23.80	24.28
GPRS (GMSK, 4-Slots)	27.27	27.27	27.15	27.50	24.09	24.09	23.97	24.32
EGPRS (8PSK, 1-Slot)	26.84	26.81	26.99	27.50	17.65	17.62	17.80	18.31
EGPRS (8PSK, 2-Slots)	23.62	23.67	23.76	24.50	17.49	17.54	17.63	18.37
EGPRS (8PSK, 3-Slots)	21.22	21.27	21.26	22.70	16.80	16.85	16.84	18.28
EGPRS (8PSK, 4-Slots)	19.96	19.99	20.04	21.50	16.78	16.81	16.86	18.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm）
GSM (GMSK, 1-Slot)	25.52	25.50	25.45	26.50	16.33	16.31	16.26	17.31
GPRS (GMSK, 1-Slot)	25.47	25.46	25.41	26.50	16.28	16.27	16.22	17.31
GPRS (GMSK, 2-Slots)	23.05	23.03	23.01	23.50	16.92	16.90	16.88	**17.37**
GPRS (GMSK, 3-Slots)	21.06	21.06	21.09	21.70	16.64	16.64	16.67	17.28
GPRS (GMSK, 4-Slots)	19.99	20.02	20.03	20.50	16.81	16.84	16.85	17.32
EGPRS (8PSK, 1-Slot)	22.42	22.32	22.38	23.00	13.23	13.13	13.19	13.81
EGPRS (8PSK, 2-Slots)	18.89	18.80	19.04	20.00	12.76	12.67	12.91	13.87
EGPRS (8PSK, 3-Slots)	16.57	16.57	16.60	18.20	12.15	12.15	12.18	13.78
EGPRS (8PSK, 4-Slots)	15.32	15.71	15.37	17.00	12.14	12.53	12.19	13.82

8.2 WCDMA Output Power

WCDMA-Full Power-ANT4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.67	23.72	23.67	25.00
RMC 12.2Kbps	23.72	23.82	23.73	25.00
HSDPA Subtest-1	22.72	22.80	22.66	24.00
HSDPA Subtest-2	22.75	22.78	22.77	24.00
HSDPA Subtest-3	22.28	22.33	22.25	23.50
HSDPA Subtest-4	22.22	22.29	22.36	23.50
HSUPA Subtest-1	21.11	21.03	21.03	22.00
HSUPA Subtest-2	21.17	21.02	21.08	22.00
HSUPA Subtest-3	21.88	22.05	22.05	22.50
HSUPA Subtest-4	20.52	20.33	20.32	21.50
HSUPA Subtest-5	21.72	21.78	21.96	23.00
HSPA+	21.06	20.79	21.05	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	24.25	24.26	24.29	25.50
RMC 12.2Kbps	24.27	24.26	24.34	25.50
HSDPA Subtest-1	23.33	23.25	23.42	24.50
HSDPA Subtest-2	23.10	23.26	23.34	24.50
HSDPA Subtest-3	22.88	22.80	22.84	24.00
HSDPA Subtest-4	22.62	22.75	22.72	24.00
HSUPA Subtest-1	21.69	21.50	21.69	22.50
HSUPA Subtest-2	21.25	21.26	21.28	22.50
HSUPA Subtest-3	22.28	22.28	22.17	23.00
HSUPA Subtest-4	20.77	20.79	20.79	22.00
HSUPA Subtest-5	22.19	22.23	22.14	23.50
HSPA+	21.36	21.32	21.11	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.20	24.57	24.06	25.50
RMC 12.2Kbps	24.20	24.62	24.07	25.50
HSDPA Subtest-1	23.54	23.59	23.51	24.50
HSDPA Subtest-2	23.82	23.64	23.82	24.50
HSDPA Subtest-3	23.00	23.16	23.22	24.00
HSDPA Subtest-4	22.99	23.10	23.30	24.00
HSUPA Subtest-1	21.68	21.84	21.75	22.50
HSUPA Subtest-2	21.64	21.60	21.41	22.50
HSUPA Subtest-3	22.54	22.65	22.73	23.00
HSUPA Subtest-4	21.01	21.12	21.32	22.00
HSUPA Subtest-5	22.59	22.58	22.55	23.50
HSPA+	21.70	21.54	21.55	22.50

WCDMA-Power-DSI1-ANT4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.78	16.78	16.89	18.50
RMC 12.2Kbps	16.91	16.92	16.94	18.50
HSDPA Subtest-1	15.71	15.91	15.84	17.50
HSDPA Subtest-2	15.82	15.91	15.74	17.50
HSDPA Subtest-3	15.59	15.43	15.25	17.00
HSDPA Subtest-4	15.54	15.39	15.45	17.00
HSUPA Subtest-1	13.59	13.62	13.79	15.50
HSUPA Subtest-2	14.03	14.11	14.06	15.50
HSUPA Subtest-3	15.33	15.15	15.28	16.00
HSUPA Subtest-4	13.60	13.42	13.24	15.00
HSUPA Subtest-5	15.06	14.89	15.00	16.50
HSPA+	14.12	14.05	14.04	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.70	17.63	17.73	19.00
RMC 12.2Kbps	17.77	17.71	17.78	19.00
HSDPA Subtest-1	16.86	16.70	16.87	18.00
HSDPA Subtest-2	16.91	16.71	16.69	18.00
HSDPA Subtest-3	16.04	16.22	16.39	17.50
HSDPA Subtest-4	16.30	16.21	16.38	17.50
HSUPA Subtest-1	14.83	14.95	15.01	16.00
HSUPA Subtest-2	14.61	14.69	14.51	16.00
HSUPA Subtest-3	15.80	15.73	15.76	16.50
HSUPA Subtest-4	14.19	14.25	14.39	15.50
HSUPA Subtest-5	15.73	15.69	15.66	17.00
HSPA+	14.65	14.71	14.49	16.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.20	24.57	24.06	25.50
RMC 12.2Kbps	24.20	24.62	24.07	25.50
HSDPA Subtest-1	23.54	23.59	23.51	24.50
HSDPA Subtest-2	23.82	23.64	23.82	24.50
HSDPA Subtest-3	23.00	23.16	23.22	24.00
HSDPA Subtest-4	22.99	23.10	23.30	24.00
HSUPA Subtest-1	21.68	21.84	21.75	22.50
HSUPA Subtest-2	21.64	21.60	21.41	22.50
HSUPA Subtest-3	22.54	22.65	22.73	23.00
HSUPA Subtest-4	21.01	21.12	21.32	22.00
HSUPA Subtest-5	22.59	22.58	22.55	23.50
HSPA+	21.70	21.54	21.55	22.50

WCDMA-DSI2&3-ANT4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	22.94	22.94	22.86	24.50
RMC 12.2Kbps	22.96	22.97	22.97	24.50
HSDPA Subtest-1	22.00	21.95	21.87	23.50
HSDPA Subtest-2	22.06	21.95	21.81	23.50
HSDPA Subtest-3	21.53	21.48	21.41	23.00
HSDPA Subtest-4	21.48	21.46	21.60	23.00
HSUPA Subtest-1	20.09	20.18	20.17	21.50
HSUPA Subtest-2	20.02	20.17	20.15	21.50
HSUPA Subtest-3	21.21	21.21	21.26	22.00
HSUPA Subtest-4	19.66	19.50	19.42	21.00
HSUPA Subtest-5	20.95	20.93	20.97	22.50
HSPA+	20.06	20.17	20.10	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	22.59	22.50	22.65	24.00
RMC 12.2Kbps	22.71	22.64	22.72	24.00
HSDPA Subtest-1	21.63	21.62	21.64	23.00
HSDPA Subtest-2	21.49	21.64	21.77	23.00
HSDPA Subtest-3	21.07	21.17	21.20	22.50
HSDPA Subtest-4	21.26	21.14	21.09	22.50
HSUPA Subtest-1	19.93	19.88	19.72	21.00
HSUPA Subtest-2	19.74	19.62	19.69	21.00
HSUPA Subtest-3	20.79	20.67	20.71	21.50
HSUPA Subtest-4	18.97	19.17	18.98	20.50
HSUPA Subtest-5	20.76	20.63	20.72	22.00
HSPA+	19.56	19.56	19.59	21.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.20	24.57	24.06	25.50
RMC 12.2Kbps	24.20	24.62	24.07	25.50
HSDPA Subtest-1	23.54	23.59	23.51	24.50
HSDPA Subtest-2	23.82	23.64	23.82	24.50
HSDPA Subtest-3	23.00	23.16	23.22	24.00
HSDPA Subtest-4	22.99	23.10	23.30	24.00
HSUPA Subtest-1	21.68	21.84	21.75	22.50
HSUPA Subtest-2	21.64	21.60	21.41	22.50
HSUPA Subtest-3	22.54	22.65	22.73	23.00
HSUPA Subtest-4	21.01	21.12	21.32	22.00
HSUPA Subtest-5	22.59	22.58	22.55	23.50
HSPA+	21.70	21.54	21.55	22.50

WCDMA-Power-DSI4-ANT4				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.34	17.32	17.20	19.00
RMC 12.2Kbps	17.35	17.49	17.35	19.00
HSDPA Subtest-1	16.60	16.49	16.56	18.00
HSDPA Subtest-2	16.65	16.47	16.36	18.00
HSDPA Subtest-3	15.97	16.02	16.07	17.50
HSDPA Subtest-4	15.84	15.99	15.89	17.50
HSUPA Subtest-1	14.86	14.72	14.89	16.00
HSUPA Subtest-2	14.73	14.71	14.54	16.00
HSUPA Subtest-3	15.92	15.73	15.60	16.50
HSUPA Subtest-4	13.85	14.03	14.06	15.50
HSUPA Subtest-5	15.39	15.46	15.28	17.00
HSPA+	14.59	14.56	14.53	16.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.99	17.90	18.01	19.50
RMC 12.2Kbps	18.09	18.05	18.11	19.50
HSDPA Subtest-1	17.29	17.20	17.02	18.50
HSDPA Subtest-2	17.33	17.20	17.05	18.50
HSDPA Subtest-3	16.87	16.72	16.62	18.00
HSDPA Subtest-4	16.88	16.70	16.89	18.00
HSUPA Subtest-1	15.64	15.44	15.37	16.50
HSUPA Subtest-2	15.07	15.19	15.05	16.50
HSUPA Subtest-3	16.17	16.22	16.12	17.00
HSUPA Subtest-4	14.83	14.74	14.91	16.00
HSUPA Subtest-5	16.08	16.18	16.26	17.50
HSPA+	15.09	15.16	15.07	16.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.20	24.57	24.06	25.50
RMC 12.2Kbps	24.20	24.62	24.07	25.50
HSDPA Subtest-1	23.54	23.59	23.51	24.50
HSDPA Subtest-2	23.82	23.64	23.82	24.50
HSDPA Subtest-3	23.00	23.16	23.22	24.00
HSDPA Subtest-4	22.99	23.10	23.30	24.00
HSUPA Subtest-1	21.68	21.84	21.75	22.50
HSUPA Subtest-2	21.64	21.60	21.41	22.50
HSUPA Subtest-3	22.54	22.65	22.73	23.00
HSUPA Subtest-4	21.01	21.12	21.32	22.00
HSUPA Subtest-5	22.59	22.58	22.55	23.50
HSPA+	21.70	21.54	21.55	22.50

WCDMA Output Power

WCDMA-Full Power-ANT1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.46	24.55	24.54	25.00
RMC 12.2Kbps	24.52	24.61	24.59	25.00
HSDPA Subtest-1	23.68	23.58	23.43	24.00
HSDPA Subtest-2	23.75	23.60	23.43	24.00
HSDPA Subtest-3	23.00	23.11	23.16	23.50
HSDPA Subtest-4	23.03	23.10	23.10	23.50
HSUPA Subtest-1	21.73	21.82	21.85	22.00
HSUPA Subtest-2	21.61	21.61	21.60	22.00
HSUPA Subtest-3	22.43	22.37	22.39	22.50
HSUPA Subtest-4	21.19	21.14	21.22	21.50
HSUPA Subtest-5	22.71	22.55	22.45	23.00
HSPA+	21.45	21.53	21.49	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	25.00	24.96	25.09	25.50
RMC 12.2Kbps	25.02	24.98	25.11	25.50
HSDPA Subtest-1	23.80	23.97	24.10	24.50
HSDPA Subtest-2	23.83	23.98	23.90	24.50
HSDPA Subtest-3	23.48	23.50	23.34	24.00
HSDPA Subtest-4	23.45	23.48	23.45	24.00
HSUPA Subtest-1	22.31	22.23	22.08	22.50
HSUPA Subtest-2	22.09	21.97	22.16	22.50
HSUPA Subtest-3	22.94	22.93	22.79	23.00
HSUPA Subtest-4	21.47	21.53	21.62	22.00
HSUPA Subtest-5	23.03	22.96	22.78	23.50
HSPA+	22.07	21.79	22.21	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.23	24.73	24.17	25.50
RMC 12.2Kbps	24.33	24.74	24.23	25.50
HSDPA Subtest-1	23.68	23.76	23.67	24.50
HSDPA Subtest-2	23.90	23.77	23.74	24.50
HSDPA Subtest-3	23.16	23.30	23.38	24.00
HSDPA Subtest-4	23.03	23.22	23.03	24.00
HSUPA Subtest-1	21.97	21.98	22.08	22.50
HSUPA Subtest-2	21.91	21.75	21.72	22.50
HSUPA Subtest-3	22.67	22.80	22.81	23.00
HSUPA Subtest-4	21.07	21.25	21.14	22.00
HSUPA Subtest-5	22.79	22.72	22.59	23.50
HSPA+	21.86	21.69	21.53	22.50

WCDMA-Power DSI1&2-ANT1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	24.46	24.55	24.54	25.00
RMC 12.2Kbps	24.52	24.61	24.59	25.00
HSDPA Subtest-1	23.68	23.58	23.43	24.00
HSDPA Subtest-2	23.75	23.60	23.43	24.00
HSDPA Subtest-3	23.00	23.11	23.16	23.50
HSDPA Subtest-4	23.03	23.10	23.10	23.50
HSUPA Subtest-1	21.73	21.82	21.85	22.00
HSUPA Subtest-2	21.61	21.61	21.60	22.00
HSUPA Subtest-3	22.43	22.37	22.39	22.50
HSUPA Subtest-4	21.19	21.14	21.22	21.50
HSUPA Subtest-5	22.71	22.55	22.45	23.00
HSPA+	21.45	21.53	21.49	22.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	25.00	24.96	25.09	25.50
RMC 12.2Kbps	25.02	24.98	25.11	25.50
HSDPA Subtest-1	23.80	23.97	24.10	24.50
HSDPA Subtest-2	23.83	23.98	23.90	24.50
HSDPA Subtest-3	23.48	23.50	23.34	24.00
HSDPA Subtest-4	23.45	23.48	23.45	24.00
HSUPA Subtest-1	22.31	22.23	22.08	22.50
HSUPA Subtest-2	22.09	21.97	22.16	22.50
HSUPA Subtest-3	22.94	22.93	22.79	23.00
HSUPA Subtest-4	21.47	21.53	21.62	22.00
HSUPA Subtest-5	23.03	22.96	22.78	23.50
HSPA+	22.07	21.79	22.21	22.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.23	24.73	24.17	25.50
RMC 12.2Kbps	24.33	24.74	24.23	25.50
HSDPA Subtest-1	23.68	23.76	23.67	24.50
HSDPA Subtest-2	23.90	23.77	23.74	24.50
HSDPA Subtest-3	23.16	23.30	23.38	24.00
HSDPA Subtest-4	23.03	23.22	23.03	24.00
HSUPA Subtest-1	21.97	21.98	22.08	22.50
HSUPA Subtest-2	21.91	21.75	21.72	22.50
HSUPA Subtest-3	22.67	22.80	22.81	23.00
HSUPA Subtest-4	21.07	21.25	21.14	22.00
HSUPA Subtest-5	22.79	22.72	22.59	23.50
HSPA+	21.86	21.69	21.53	22.50

WCDMA-Power DSI3&4-ANT1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.98	20.06	20.06	21.00
RMC 12.2Kbps	20.11	20.12	20.07	21.00
HSDPA Subtest-1	18.99	19.04	19.22	20.00
HSDPA Subtest-2	18.90	19.05	19.01	20.00
HSDPA Subtest-3	18.54	18.61	18.76	19.50
HSDPA Subtest-4	18.68	18.56	18.54	19.50
HSUPA Subtest-1	17.27	17.44	17.59	18.00
HSUPA Subtest-2	17.38	17.23	17.35	18.00
HSUPA Subtest-3	18.16	18.09	17.91	18.50
HSUPA Subtest-4	16.56	16.75	16.82	17.50
HSUPA Subtest-5	18.22	18.03	18.05	19.00
HSPA+	17.20	17.33	17.34	18.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.43	20.44	20.59	21.50
RMC 12.2Kbps	20.56	20.55	20.67	21.50
HSDPA Subtest-1	19.53	19.54	19.64	20.50
HSDPA Subtest-2	19.74	19.56	19.50	20.50
HSDPA Subtest-3	18.96	19.05	18.97	20.00
HSDPA Subtest-4	18.90	19.01	18.85	20.00
HSUPA Subtest-1	17.98	17.94	17.79	18.50
HSUPA Subtest-2	17.59	17.70	17.84	18.50
HSUPA Subtest-3	18.64	18.57	18.76	19.00
HSUPA Subtest-4	17.13	17.22	17.03	18.00
HSUPA Subtest-5	18.68	18.50	18.57	19.50
HSPA+	17.60	17.61	17.90	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	24.23	24.73	24.17	25.50
RMC 12.2Kbps	24.33	24.74	24.23	25.50
HSDPA Subtest-1	23.68	23.76	23.67	24.50
HSDPA Subtest-2	23.90	23.77	23.74	24.50
HSDPA Subtest-3	23.16	23.30	23.38	24.00
HSDPA Subtest-4	23.03	23.22	23.03	24.00
HSUPA Subtest-1	21.97	21.98	22.08	22.50
HSUPA Subtest-2	21.91	21.75	21.72	22.50
HSUPA Subtest-3	22.67	22.80	22.81	23.00
HSUPA Subtest-4	21.07	21.25	21.14	22.00
HSUPA Subtest-5	22.79	22.72	22.59	23.50
HSPA+	21.86	21.69	21.53	22.50

8.3.1 LTE Band2 Output Power

LTE B2-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.25	23.26	23.26	24.50
		MID	QPSK	23.25	23.26	23.27	24.50
		HIGH	QPSK	23.24	23.26	23.24	24.50
	3	LOW	QPSK	23.36	23.34	23.37	23.50
		MID	QPSK	23.36	23.34	23.44	23.50
		HIGH	QPSK	23.35	23.32	23.38	23.50
	6	LOW	QPSK	22.38	22.42	22.35	23.50
1.4	1	LOW	Q16	22.41	22.73	22.28	23.50
		MID	Q16	22.45	22.74	22.27	23.50
		HIGH	Q16	22.42	22.71	22.28	23.50
	3	LOW	Q16	22.42	22.11	22.47	22.50
		MID	Q16	22.41	22.07	22.45	22.50
		HIGH	Q16	22.42	22.05	22.45	22.50
	6	LOW	Q16	21.52	21.28	21.51	22.50
1.4	1	LOW	64QAM	21.46	21.80	21.30	22.50
		MID	64QAM	21.56	21.89	21.33	22.50
		HIGH	64QAM	21.47	21.72	21.33	22.50
	3	LOW	64QAM	21.02	21.06	21.05	21.50
		MID	64QAM	21.37	21.06	21.34	21.50
		HIGH	64QAM	21.48	21.03	21.44	21.50
	6	LOW	64QAM	20.46	20.42	20.65	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.18	23.16	23.13	24.50
		MID	QPSK	23.33	23.30	23.20	24.50
		HIGH	QPSK	23.18	23.18	23.27	24.50
	8	LOW	QPSK	22.30	22.36	22.33	23.50
		MID	QPSK	22.29	22.61	22.52	23.50
		HIGH	QPSK	22.28	22.44	22.26	23.50
	15	LOW	QPSK	22.42	22.53	22.31	23.50
3	1	LOW	Q16	22.77	22.74	22.62	23.50
		MID	Q16	23.01	22.76	22.59	23.50
		HIGH	Q16	22.84	22.69	22.53	23.50
	8	LOW	Q16	21.35	21.49	21.27	22.50
		MID	Q16	21.54	21.32	21.35	22.50
		HIGH	Q16	21.48	21.41	21.24	22.50
	15	LOW	Q16	21.21	21.43	21.44	22.50
3	1	LOW	64QAM	21.79	21.52	21.85	22.50
		MID	64QAM	21.68	21.49	21.50	22.50
		HIGH	64QAM	21.88	21.41	21.66	22.50
	8	LOW	64QAM	20.29	20.54	20.44	21.50
		MID	64QAM	20.32	20.57	20.37	21.50
		HIGH	64QAM	20.23	20.67	20.29	21.50
	15	LOW	64QAM	20.23	20.30	20.11	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.29	23.12	24.50
		MID	QPSK	23.34	23.48	23.27	24.50
		HIGH	QPSK	23.34	23.47	23.24	24.50
	12	LOW	QPSK	22.25	22.48	22.35	23.50
		MID	QPSK	22.50	22.51	22.29	23.50
		HIGH	QPSK	22.41	22.48	22.32	23.50
	25	LOW	QPSK	22.29	22.43	22.23	23.50
5	1	LOW	Q16	22.92	22.68	22.77	23.50
		MID	Q16	22.96	22.59	22.68	23.50
		HIGH	Q16	22.87	22.73	22.66	23.50
	12	LOW	Q16	21.33	21.49	21.52	22.50
		MID	Q16	21.27	21.45	21.39	22.50
		HIGH	Q16	21.33	21.38	21.34	22.50
	25	LOW	Q16	21.35	21.30	21.41	22.50
5	1	LOW	64QAM	21.74	21.64	21.86	22.50
		MID	64QAM	21.98	21.56	21.56	22.50
		HIGH	64QAM	21.79	21.59	21.69	22.50
	12	LOW	64QAM	20.48	20.31	20.55	21.50
		MID	64QAM	20.36	20.50	20.44	21.50
		HIGH	64QAM	20.31	20.52	20.05	21.50
	25	LOW	64QAM	20.25	20.28	20.35	21.50

LTE B2-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	23.32	23.31	24.50
		MID	QPSK	23.42	23.34	23.15	24.50
		HIGH	QPSK	23.34	23.27	23.14	24.50
	25	LOW	QPSK	22.31	22.44	22.31	23.50
		MID	QPSK	22.37	22.53	22.34	23.50
		HIGH	QPSK	22.38	22.53	22.44	23.50
	50	LOW	QPSK	22.29	22.59	22.39	23.50
10	1	LOW	Q16	22.85	22.72	22.68	23.50
		MID	Q16	22.98	22.62	22.67	23.50
		HIGH	Q16	22.88	22.58	22.70	23.50
	25	LOW	Q16	21.24	21.45	21.50	22.50
		MID	Q16	21.45	21.48	21.49	22.50
		HIGH	Q16	21.43	21.31	21.40	22.50
	50	LOW	Q16	21.41	21.32	21.47	22.50
10	1	LOW	64QAM	21.63	21.62	21.78	22.50
		MID	64QAM	21.84	21.46	21.51	22.50
		HIGH	64QAM	21.75	21.56	21.65	22.50
	25	LOW	64QAM	20.43	20.52	20.42	21.50
		MID	64QAM	20.25	20.48	20.32	21.50
		HIGH	64QAM	20.21	20.48	20.18	21.50
	50	LOW	64QAM	20.31	20.18	20.31	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.11	23.41	23.34	24.50
		MID	QPSK	23.38	23.52	23.36	24.50
		HIGH	QPSK	23.18	23.20	23.11	24.50
	36	LOW	QPSK	22.44	22.59	22.55	23.50
		MID	QPSK	22.45	22.41	22.57	23.50
		HIGH	QPSK	22.28	22.50	22.16	23.50
	75	LOW	QPSK	22.30	22.38	22.51	23.50
15	1	LOW	Q16	22.86	22.57	22.71	23.50
		MID	Q16	23.11	22.64	22.57	23.50
		HIGH	Q16	22.91	22.70	22.76	23.50
	36	LOW	Q16	21.42	21.45	21.32	22.50
		MID	Q16	21.48	21.28	21.37	22.50
		HIGH	Q16	21.28	21.51	21.38	22.50
	75	LOW	Q16	21.28	21.48	21.43	22.50
15	1	LOW	64QAM	21.83	21.67	21.62	22.50
		MID	64QAM	21.98	21.73	21.71	22.50
		HIGH	64QAM	21.92	21.69	21.73	22.50
	36	LOW	64QAM	20.37	20.35	20.63	21.50
		MID	64QAM	20.20	20.61	20.23	21.50
		HIGH	64QAM	20.22	20.47	20.20	21.50
	75	LOW	64QAM	20.32	20.38	20.25	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.14	23.29	23.20	24.50
		MID	QPSK	23.27	23.40	23.28	24.50
		HIGH	QPSK	23.21	23.32	23.22	24.50
	50	LOW	QPSK	22.37	22.48	22.43	23.50
		MID	QPSK	22.36	22.47	22.42	23.50
		HIGH	QPSK	22.42	22.44	22.31	23.50
	100	LOW	QPSK	22.34	22.44	22.36	23.50
20	1	LOW	Q16	22.87	22.62	22.64	23.50
		MID	Q16	22.97	22.71	22.72	23.50
		HIGH	Q16	22.89	22.63	22.64	23.50
	50	LOW	Q16	21.37	21.44	21.39	22.50
		MID	Q16	21.39	21.42	21.34	22.50
		HIGH	Q16	21.42	21.43	21.27	22.50
	100	LOW	Q16	21.34	21.39	21.35	22.50
20	1	LOW	64QAM	21.78	21.53	21.71	22.50
		MID	64QAM	21.83	21.61	21.62	22.50
		HIGH	64QAM	21.80	21.56	21.79	22.50
	50	LOW	64QAM	20.35	20.42	20.48	21.50
		MID	64QAM	20.25	20.53	20.38	21.50
		HIGH	64QAM	20.27	20.54	20.16	21.50
	100	LOW	64QAM	20.37	20.31	20.22	21.50

LTE B2-DSI1 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.88	17.89	17.57	19.00
		MID	QPSK	17.86	17.88	17.58	19.00
		HIGH	QPSK	17.87	17.50	17.56	19.00
	3	LOW	QPSK	17.56	17.59	17.70	19.00
		MID	QPSK	17.58	17.59	17.72	19.00
		HIGH	QPSK	17.55	17.57	17.68	19.00
	6	LOW	QPSK	17.59	17.61	17.69	19.00
1.4	1	LOW	Q16	17.69	17.99	17.65	19.00
		MID	Q16	17.72	17.98	17.64	19.00
		HIGH	Q16	17.72	17.98	17.63	19.00
	3	LOW	Q16	17.64	17.84	17.81	19.00
		MID	Q16	17.64	17.79	17.79	19.00
		HIGH	Q16	17.64	17.80	17.79	19.00
	6	LOW	Q16	17.74	17.53	17.81	19.00
1.4	1	LOW	64QAM	17.66	18.03	17.72	19.00
		MID	64QAM	17.69	17.89	17.53	19.00
		HIGH	64QAM	17.59	17.84	17.71	19.00
	3	LOW	64QAM	17.53	17.79	17.85	19.00
		MID	64QAM	17.70	17.69	17.73	19.00
		HIGH	64QAM	17.52	17.87	17.88	19.00
	6	LOW	64QAM	17.78	17.81	17.71	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.78	17.74	17.83	19.00
		MID	QPSK	17.84	17.51	17.74	19.00
		HIGH	QPSK	17.88	17.51	17.57	19.00
	8	LOW	QPSK	17.74	17.77	17.62	19.00
		MID	QPSK	17.63	17.58	17.73	19.00
		HIGH	QPSK	17.66	17.70	17.76	19.00
	15	LOW	QPSK	17.62	17.73	17.81	19.00
3	1	LOW	Q16	18.04	17.82	17.90	19.00
		MID	Q16	18.07	18.20	18.07	19.00
		HIGH	Q16	18.03	18.10	17.98	19.00
	8	LOW	Q16	17.58	17.72	17.66	19.00
		MID	Q16	17.74	17.71	17.65	19.00
		HIGH	Q16	17.79	17.72	17.61	19.00
	15	LOW	Q16	17.56	17.75	17.66	19.00
3	1	LOW	64QAM	17.94	18.17	17.89	19.00
		MID	64QAM	18.34	18.16	17.76	19.00
		HIGH	64QAM	18.15	18.01	17.97	19.00
	8	LOW	64QAM	17.85	17.86	17.61	19.00
		MID	64QAM	17.73	17.61	17.95	19.00
		HIGH	64QAM	17.63	17.60	17.54	19.00
	15	LOW	64QAM	17.62	17.54	17.65	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.82	17.91	17.74	19.00
		MID	QPSK	17.81	17.68	17.55	19.00
		HIGH	QPSK	17.63	17.85	17.77	19.00
	12	LOW	QPSK	17.73	17.70	17.65	19.00
		MID	QPSK	17.55	17.70	17.79	19.00
		HIGH	QPSK	17.51	17.77	17.89	19.00
	25	LOW	QPSK	17.85	17.60	17.74	19.00
5	1	LOW	Q16	17.95	17.85	17.91	19.00
		MID	Q16	18.13	17.91	17.95	19.00
		HIGH	Q16	17.97	17.92	17.93	19.00
	12	LOW	Q16	17.86	17.59	17.79	19.00
		MID	Q16	17.59	17.76	17.68	19.00
		HIGH	Q16	17.80	17.69	17.64	19.00
	25	LOW	Q16	17.79	17.50	17.76	19.00
5	1	LOW	64QAM	17.81	18.13	17.70	19.00
		MID	64QAM	18.16	18.06	17.91	19.00
		HIGH	64QAM	18.09	17.93	18.14	19.00
	12	LOW	64QAM	17.78	17.59	17.52	19.00
		MID	64QAM	17.57	17.70	17.88	19.00
		HIGH	64QAM	17.67	17.72	17.54	19.00
	25	LOW	64QAM	17.65	17.63	17.62	19.00

LTE B2-DSI1 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.71	17.82	17.68	19.00
		MID	QPSK	17.89	17.73	17.72	19.00
		HIGH	QPSK	17.93	17.55	17.53	19.00
	25	LOW	QPSK	17.63	17.67	17.77	19.00
		MID	QPSK	17.55	17.77	17.63	19.00
		HIGH	QPSK	17.60	17.61	17.59	19.00
	50	LOW	QPSK	17.65	17.66	17.57	19.00
10	1	LOW	Q16	17.97	18.00	17.96	19.00
		MID	Q16	18.26	18.11	17.92	19.00
		HIGH	Q16	18.11	18.00	18.06	19.00
	25	LOW	Q16	17.50	17.69	17.74	19.00
		MID	Q16	17.89	17.61	17.78	19.00
		HIGH	Q16	17.70	17.73	17.89	19.00
	50	LOW	Q16	17.67	17.52	17.56	19.00
10	1	LOW	64QAM	17.89	18.19	17.87	19.00
		MID	64QAM	18.43	18.17	17.75	19.00
		HIGH	64QAM	18.02	18.03	18.06	19.00
	25	LOW	64QAM	17.89	17.68	17.67	19.00
		MID	64QAM	17.67	17.55	17.70	19.00
		HIGH	64QAM	17.56	17.55	17.50	19.00
	50	LOW	64QAM	17.70	17.76	17.59	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.76	17.75	17.91	19.00
		MID	QPSK	17.81	17.55	17.88	19.00
		HIGH	QPSK	17.75	17.66	17.55	19.00
	36	LOW	QPSK	17.70	17.57	17.68	19.00
		MID	QPSK	17.54	17.65	17.67	19.00
		HIGH	QPSK	17.68	17.51	17.60	19.00
	75	LOW	QPSK	17.87	17.65	17.68	19.00
15	1	LOW	Q16	18.07	17.84	18.02	19.00
		MID	Q16	18.34	17.96	18.07	19.00
		HIGH	Q16	18.03	18.07	17.99	19.00
	36	LOW	Q16	17.74	17.84	17.67	19.00
		MID	Q16	17.61	17.54	17.79	19.00
		HIGH	Q16	17.80	17.50	17.50	19.00
	75	LOW	Q16	17.50	17.75	17.73	19.00
15	1	LOW	64QAM	17.98	18.20	17.72	19.00
		MID	64QAM	18.27	18.05	18.02	19.00
		HIGH	64QAM	18.04	18.00	18.13	19.00
	36	LOW	64QAM	17.74	17.72	17.79	19.00
		MID	64QAM	17.75	17.65	17.67	19.00
		HIGH	64QAM	17.84	17.50	17.52	19.00
	75	LOW	64QAM	17.84	17.63	17.60	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.67	17.79	17.76	19.00
		MID	QPSK	17.51	17.59	17.59	19.00
		HIGH	QPSK	17.78	17.53	17.50	19.00
	50	LOW	QPSK	17.59	17.81	17.67	19.00
		MID	QPSK	17.67	17.68	17.72	19.00
		HIGH	QPSK	17.66	17.62	17.62	19.00
	100	LOW	QPSK	17.56	17.71	17.69	19.00
20	1	LOW	Q16	17.99	17.96	17.90	19.00
		MID	Q16	18.19	18.06	18.05	19.00
		HIGH	Q16	18.10	17.97	17.95	19.00
	50	LOW	Q16	17.60	17.69	17.68	19.00
		MID	Q16	17.63	17.68	17.70	19.00
		HIGH	Q16	17.71	17.64	17.59	19.00
	100	LOW	Q16	17.64	17.63	17.67	19.00
20	1	LOW	64QAM	17.96	18.10	17.80	19.00
		MID	64QAM	18.31	18.13	17.90	19.00
		HIGH	64QAM	18.17	17.99	18.00	19.00
	50	LOW	64QAM	17.87	17.74	17.67	19.00
		MID	64QAM	17.69	17.65	17.81	19.00
		HIGH	64QAM	17.59	17.59	17.59	19.00
	100	LOW	64QAM	17.70	17.65	17.63	19.00

LTE B2-DSI2&3 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.52	22.55	22.58	24.00
		MID	QPSK	22.51	22.52	22.57	24.00
		HIGH	QPSK	22.51	22.56	22.55	24.00
	3	LOW	QPSK	22.61	22.63	22.69	23.50
		MID	QPSK	22.62	22.61	22.73	23.50
		HIGH	QPSK	22.58	22.63	22.67	23.50
	6	LOW	QPSK	22.12	22.17	22.18	23.50
1.4	1	LOW	Q16	22.19	22.53	22.10	23.50
		MID	Q16	22.20	22.50	22.09	23.50
		HIGH	Q16	22.20	22.54	22.12	23.50
	3	LOW	Q16	22.19	22.35	22.29	22.50
		MID	Q16	22.16	22.32	22.28	22.50
		HIGH	Q16	22.16	22.34	22.25	22.50
	6	LOW	Q16	21.25	21.04	21.32	22.50
1.4	1	LOW	64QAM	21.11	21.39	21.21	22.50
		MID	64QAM	21.06	21.49	21.02	22.50
		HIGH	64QAM	21.29	21.42	21.21	22.50
	3	LOW	64QAM	21.19	21.50	21.33	21.50
		MID	64QAM	21.03	21.46	21.42	21.50
		HIGH	64QAM	21.12	21.22	21.11	21.50
	6	LOW	64QAM	20.16	20.06	20.41	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.71	22.86	22.58	24.00
		MID	QPSK	22.55	22.52	22.50	24.00
		HIGH	QPSK	22.71	22.61	22.61	24.00
	8	LOW	QPSK	22.25	22.09	22.34	23.50
		MID	QPSK	22.21	22.25	22.30	23.50
		HIGH	QPSK	22.15	22.14	22.04	23.50
	15	LOW	QPSK	22.14	22.03	22.09	23.50
3	1	LOW	Q16	22.58	22.43	22.51	23.50
		MID	Q16	22.88	22.44	22.73	23.50
		HIGH	Q16	22.83	22.28	22.39	23.50
	8	LOW	Q16	21.19	21.20	21.18	22.50
		MID	Q16	21.27	21.26	21.15	22.50
		HIGH	Q16	21.18	21.01	21.15	22.50
	15	LOW	Q16	21.02	21.30	21.17	22.50
3	1	LOW	64QAM	21.70	21.38	21.43	22.50
		MID	64QAM	21.87	21.47	21.62	22.50
		HIGH	64QAM	21.63	21.62	21.70	22.50
	8	LOW	64QAM	20.30	20.36	20.29	21.50
		MID	64QAM	20.07	20.20	20.30	21.50
		HIGH	64QAM	20.22	20.06	20.06	21.50
	15	LOW	64QAM	20.23	20.30	20.04	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.70	22.83	22.62	24.00
		MID	QPSK	22.61	22.80	22.75	24.00
		HIGH	QPSK	22.85	22.61	22.64	24.00
	12	LOW	QPSK	22.18	22.27	22.33	23.50
		MID	QPSK	22.14	22.18	22.16	23.50
		HIGH	QPSK	22.19	22.11	22.04	23.50
	25	LOW	QPSK	22.11	22.01	22.12	23.50
5	1	LOW	Q16	22.74	22.39	22.42	23.50
		MID	Q16	22.81	22.56	22.62	23.50
		HIGH	Q16	22.69	22.40	22.62	23.50
	12	LOW	Q16	21.20	21.30	21.18	22.50
		MID	Q16	21.08	21.18	21.22	22.50
		HIGH	Q16	21.19	21.16	21.18	22.50
	25	LOW	Q16	21.05	21.00	21.07	22.50
5	1	LOW	64QAM	21.61	21.32	21.37	22.50
		MID	64QAM	21.96	21.28	21.78	22.50
		HIGH	64QAM	21.48	21.42	21.57	22.50
	12	LOW	64QAM	20.09	20.12	20.37	21.50
		MID	64QAM	20.19	20.11	20.30	21.50
		HIGH	64QAM	20.38	20.20	20.13	21.50
	25	LOW	64QAM	20.32	20.00	20.21	21.50

LTE B2-DSI2&3 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.52	22.57	24.00
		MID	QPSK	22.69	22.55	22.51	24.00
		HIGH	QPSK	22.68	22.53	22.51	24.00
	25	LOW	QPSK	22.11	22.06	22.20	23.50
		MID	QPSK	22.08	22.29	22.26	23.50
		HIGH	QPSK	22.24	22.03	22.14	23.50
	50	LOW	QPSK	22.32	22.17	22.22	23.50
10	1	LOW	Q16	22.80	22.54	22.45	23.50
		MID	Q16	22.70	22.45	22.66	23.50
		HIGH	Q16	22.76	22.48	22.50	23.50
	25	LOW	Q16	21.12	21.18	21.08	22.50
		MID	Q16	21.24	21.24	21.22	22.50
		HIGH	Q16	21.09	21.24	21.39	22.50
	50	LOW	Q16	21.13	21.13	21.28	22.50
10	1	LOW	64QAM	21.66	21.53	21.25	22.50
		MID	64QAM	21.86	21.38	21.59	22.50
		HIGH	64QAM	21.66	21.61	21.56	22.50
	25	LOW	64QAM	20.11	20.14	20.31	21.50
		MID	64QAM	20.22	20.26	20.31	21.50
		HIGH	64QAM	20.28	20.01	20.04	21.50
	50	LOW	64QAM	20.15	20.01	20.14	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.75	22.69	22.81	24.00
		MID	QPSK	22.50	22.66	22.75	24.00
		HIGH	QPSK	22.59	22.69	22.64	24.00
	36	LOW	QPSK	22.16	22.10	22.24	23.50
		MID	QPSK	22.23	22.24	22.31	23.50
		HIGH	QPSK	22.20	22.06	22.24	23.50
	75	LOW	QPSK	22.23	22.20	22.09	23.50
15	1	LOW	Q16	22.64	22.55	22.42	23.50
		MID	Q16	22.90	22.63	22.73	23.50
		HIGH	Q16	22.80	22.44	22.43	23.50
	36	LOW	Q16	21.39	21.39	21.31	22.50
		MID	Q16	21.02	21.23	21.19	22.50
		HIGH	Q16	21.18	21.08	21.39	22.50
	75	LOW	Q16	21.02	21.05	21.26	22.50
15	1	LOW	64QAM	21.71	21.37	21.48	22.50
		MID	64QAM	21.81	21.37	21.64	22.50
		HIGH	64QAM	21.45	21.43	21.69	22.50
	36	LOW	64QAM	20.09	20.38	20.11	21.50
		MID	64QAM	20.20	20.21	20.12	21.50
		HIGH	64QAM	20.24	20.07	20.34	21.50
	75	LOW	64QAM	20.11	20.35	20.11	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.64	22.56	22.51	24.00
		MID	QPSK	22.63	22.66	22.65	24.00
		HIGH	QPSK	22.57	22.62	22.53	24.00
	50	LOW	QPSK	22.11	22.27	22.21	23.50
		MID	QPSK	22.18	22.18	22.26	23.50
		HIGH	QPSK	22.18	22.12	22.15	23.50
	100	LOW	QPSK	22.17	22.16	22.22	23.50
20	1	LOW	Q16	22.65	22.41	22.45	23.50
		MID	Q16	22.78	22.49	22.61	23.50
		HIGH	Q16	22.68	22.42	22.50	23.50
	50	LOW	Q16	21.11	21.24	21.17	22.50
		MID	Q16	21.13	21.20	21.19	22.50
		HIGH	Q16	21.20	21.15	21.08	22.50
	100	LOW	Q16	21.15	21.15	21.17	22.50
20	1	LOW	64QAM	21.58	21.45	21.39	22.50
		MID	64QAM	21.93	21.38	21.72	22.50
		HIGH	64QAM	21.55	21.47	21.63	22.50
	50	LOW	64QAM	20.39	20.25	20.22	21.50
		MID	64QAM	20.08	20.21	20.17	21.50
		HIGH	64QAM	20.30	20.05	20.01	21.50
	100	LOW	64QAM	20.19	20.00	20.07	21.50

LTE B2-DSI4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.04	17.03	17.13	18.50
		MID	QPSK	17.04	17.05	17.15	18.50
		HIGH	QPSK	17.03	17.08	17.12	18.50
	3	LOW	QPSK	17.13	17.17	17.25	18.50
		MID	QPSK	17.15	17.15	17.28	18.50
		HIGH	QPSK	17.13	17.14	17.25	18.50
	6	LOW	QPSK	17.16	17.19	17.24	18.50
1.4	1	LOW	Q16	17.19	17.53	17.11	18.50
		MID	Q16	17.19	17.52	17.10	18.50
		HIGH	Q16	17.22	17.52	17.11	18.50
	3	LOW	Q16	17.22	17.40	17.34	18.50
		MID	Q16	17.20	17.35	17.31	18.50
		HIGH	Q16	17.22	17.36	17.30	18.50
	6	LOW	Q16	17.33	17.07	17.35	18.50
1.4	1	LOW	64QAM	17.06	17.68	17.27	18.50
		MID	64QAM	17.15	17.60	17.02	18.50
		HIGH	64QAM	17.20	17.41	17.03	18.50
	3	LOW	64QAM	17.10	17.30	17.48	18.50
		MID	64QAM	17.31	17.40	17.39	18.50
		HIGH	64QAM	17.17	17.22	17.15	18.50
	6	LOW	64QAM	17.24	17.13	17.37	18.50
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.01	17.19	17.21	18.50
		MID	QPSK	17.22	17.04	17.11	18.50
		HIGH	QPSK	17.13	17.01	17.04	18.50
	8	LOW	QPSK	17.11	17.41	17.29	18.50
		MID	QPSK	17.29	17.18	17.36	18.50
		HIGH	QPSK	17.39	17.11	17.32	18.50
	15	LOW	QPSK	17.29	17.21	17.36	18.50
3	1	LOW	Q16	17.62	17.50	17.55	18.50
		MID	Q16	17.87	17.65	17.60	18.50
		HIGH	Q16	17.58	17.41	17.36	18.50
	8	LOW	Q16	17.28	17.40	17.21	18.50
		MID	Q16	17.33	17.13	17.42	18.50
		HIGH	Q16	17.34	17.30	17.26	18.50
	15	LOW	Q16	17.24	17.04	17.38	18.50
3	1	LOW	64QAM	17.75	17.63	17.37	18.50
		MID	64QAM	17.85	17.64	17.59	18.50
		HIGH	64QAM	17.55	17.34	17.42	18.50
	8	LOW	64QAM	17.04	17.38	17.37	18.50
		MID	64QAM	17.04	17.13	17.24	18.50
		HIGH	64QAM	17.28	17.09	17.06	18.50
	15	LOW	64QAM	17.39	17.13	17.32	18.50
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.09	17.05	17.17	18.50
		MID	QPSK	17.16	17.31	17.12	18.50
		HIGH	QPSK	17.18	17.17	17.07	18.50
	12	LOW	QPSK	17.21	17.26	17.33	18.50
		MID	QPSK	17.24	17.36	17.34	18.50
		HIGH	QPSK	17.39	17.18	17.34	18.50
	25	LOW	QPSK	17.16	17.07	17.25	18.50
5	1	LOW	Q16	17.52	17.36	17.49	18.50
		MID	Q16	17.88	17.56	17.64	18.50
		HIGH	Q16	17.60	17.32	17.52	18.50
	12	LOW	Q16	17.12	17.36	17.32	18.50
		MID	Q16	17.27	17.30	17.17	18.50
		HIGH	Q16	17.37	17.34	17.35	18.50
	25	LOW	Q16	17.13	17.13	17.16	18.50
5	1	LOW	64QAM	17.69	17.46	17.35	18.50
		MID	64QAM	17.86	17.45	17.53	18.50
		HIGH	64QAM	17.47	17.42	17.35	18.50
	12	LOW	64QAM	17.24	17.24	17.34	18.50
		MID	64QAM	17.11	17.16	17.12	18.50
		HIGH	64QAM	17.15	17.29	17.12	18.50
	25	LOW	64QAM	17.12	17.23	17.49	18.50

LTE B2-DSI4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.05	17.00	17.21	18.50
		MID	QPSK	17.17	17.22	17.19	18.50
		HIGH	QPSK	17.14	17.15	17.03	18.50
	25	LOW	QPSK	17.07	17.18	17.15	18.50
		MID	QPSK	17.06	17.30	17.37	18.50
		HIGH	QPSK	17.23	17.06	17.25	18.50
	50	LOW	QPSK	17.27	17.14	17.20	18.50
10	1	LOW	Q16	17.74	17.39	17.38	18.50
		MID	Q16	17.77	17.48	17.46	18.50
		HIGH	Q16	17.69	17.36	17.57	18.50
	25	LOW	Q16	17.29	17.36	17.21	18.50
		MID	Q16	17.17	17.25	17.29	18.50
		HIGH	Q16	17.35	17.24	17.30	18.50
	50	LOW	Q16	17.18	17.17	17.39	18.50
10	1	LOW	64QAM	17.75	17.60	17.33	18.50
		MID	64QAM	17.90	17.54	17.49	18.50
		HIGH	64QAM	17.69	17.47	17.42	18.50
	25	LOW	64QAM	17.15	17.23	17.43	18.50
		MID	64QAM	17.25	17.12	17.23	18.50
		HIGH	64QAM	17.16	17.11	17.03	18.50
	50	LOW	64QAM	17.35	17.19	17.46	18.50
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.25	17.21	17.16	18.50
		MID	QPSK	17.27	17.23	17.27	18.50
		HIGH	QPSK	17.25	17.10	17.02	18.50
	36	LOW	QPSK	17.31	17.27	17.13	18.50
		MID	QPSK	17.19	17.23	17.44	18.50
		HIGH	QPSK	17.21	17.10	17.23	18.50
	75	LOW	QPSK	17.14	17.20	17.30	18.50
15	1	LOW	Q16	17.67	17.53	17.56	18.50
		MID	Q16	17.89	17.44	17.55	18.50
		HIGH	Q16	17.61	17.37	17.43	18.50
	36	LOW	Q16	17.04	17.16	17.22	18.50
		MID	Q16	17.11	17.08	17.14	18.50
		HIGH	Q16	17.21	17.20	17.12	18.50
	75	LOW	Q16	17.24	17.34	17.36	18.50
15	1	LOW	64QAM	17.69	17.61	17.55	18.50
		MID	64QAM	17.88	17.43	17.52	18.50
		HIGH	64QAM	17.71	17.25	17.42	18.50
	36	LOW	64QAM	17.22	17.25	17.37	18.50
		MID	64QAM	17.21	17.20	17.27	18.50
		HIGH	64QAM	17.30	17.00	17.10	18.50
	75	LOW	64QAM	17.35	17.22	17.39	18.50
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.22	17.04	17.03	18.50
		MID	QPSK	17.11	17.19	17.18	18.50
		HIGH	QPSK	17.04	17.09	17.07	18.50
	50	LOW	QPSK	17.17	17.31	17.25	18.50
		MID	QPSK	17.17	17.23	17.29	18.50
		HIGH	QPSK	17.25	17.18	17.20	18.50
	100	LOW	QPSK	17.19	17.29	17.27	18.50
20	1	LOW	Q16	17.65	17.40	17.45	18.50
		MID	Q16	17.79	17.52	17.55	18.50
		HIGH	Q16	17.70	17.43	17.48	18.50
	50	LOW	Q16	17.18	17.26	17.27	18.50
		MID	Q16	17.22	17.23	17.29	18.50
		HIGH	Q16	17.26	17.21	17.22	18.50
	100	LOW	Q16	17.22	17.19	17.27	18.50
20	1	LOW	64QAM	17.73	17.50	17.44	18.50
		MID	64QAM	17.92	17.53	17.64	18.50
		HIGH	64QAM	17.59	17.32	17.47	18.50
	50	LOW	64QAM	17.07	17.26	17.31	18.50
		MID	64QAM	17.07	17.27	17.16	18.50
		HIGH	64QAM	17.22	17.12	17.14	18.50
	100	LOW	64QAM	17.26	17.10	17.41	18.50

LTE B2-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	24.15	24.18	25.00
		MID	QPSK	24.10	24.17	24.23	25.00
		HIGH	QPSK	24.11	24.17	24.22	25.00
	3	LOW	QPSK	24.21	24.24	24.35	25.00
		MID	QPSK	24.23	24.22	24.39	25.00
		HIGH	QPSK	24.23	24.22	24.34	25.00
	6	LOW	QPSK	23.29	23.30	23.34	24.00
1.4	1	LOW	Q16	23.33	23.60	23.25	24.00
		MID	Q16	23.34	23.61	23.25	24.00
		HIGH	Q16	23.35	23.62	23.27	24.00
	3	LOW	Q16	23.30	23.46	23.42	24.00
		MID	Q16	23.30	23.45	23.43	24.00
		HIGH	Q16	23.31	23.43	23.41	24.00
	6	LOW	Q16	22.41	22.18	22.48	23.00
1.4	1	LOW	64QAM	22.34	22.55	22.14	23.00
		MID	64QAM	22.37	22.72	22.12	23.00
		HIGH	64QAM	22.22	22.57	22.39	23.00
	3	LOW	64QAM	22.26	22.51	22.34	23.00
		MID	64QAM	22.20	22.51	22.49	23.00
		HIGH	64QAM	22.35	22.42	22.44	23.00
	6	LOW	64QAM	21.40	21.20	21.45	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.92	24.09	24.22	25.00
		MID	QPSK	24.07	24.35	24.19	25.00
		HIGH	QPSK	24.05	24.27	24.16	25.00
	8	LOW	QPSK	23.30	23.28	23.39	24.00
		MID	QPSK	23.32	23.39	23.23	24.00
		HIGH	QPSK	23.17	23.17	23.19	24.00
	15	LOW	QPSK	23.32	23.32	23.12	24.00
3	1	LOW	Q16	23.77	23.46	23.41	24.00
		MID	Q16	23.89	23.62	23.52	24.00
		HIGH	Q16	23.73	23.45	23.65	24.00
	8	LOW	Q16	22.38	22.27	22.38	23.00
		MID	Q16	22.17	22.33	22.31	23.00
		HIGH	Q16	22.16	22.15	22.00	23.00
	15	LOW	Q16	22.31	22.30	22.13	23.00
3	1	LOW	64QAM	22.98	22.67	22.55	23.00
		MID	64QAM	22.89	22.39	22.43	23.00
		HIGH	64QAM	22.61	22.46	22.74	23.00
	8	LOW	64QAM	21.11	21.35	21.20	22.00
		MID	64QAM	21.07	21.39	21.27	22.00
		HIGH	64QAM	21.29	21.38	20.98	22.00
	15	LOW	64QAM	21.28	21.51	21.17	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	24.03	24.04	25.00
		MID	QPSK	24.19	24.17	24.02	25.00
		HIGH	QPSK	24.17	24.11	24.19	25.00
	12	LOW	QPSK	23.28	23.50	23.25	24.00
		MID	QPSK	23.18	23.25	23.40	24.00
		HIGH	QPSK	23.13	23.20	23.08	24.00
	25	LOW	QPSK	23.27	23.19	23.12	24.00
5	1	LOW	Q16	23.81	23.56	23.49	24.00
		MID	Q16	23.76	23.62	23.63	24.00
		HIGH	Q16	23.81	23.58	23.66	24.00
	12	LOW	Q16	22.17	22.34	22.22	23.00
		MID	Q16	22.24	22.35	22.15	23.00
		HIGH	Q16	22.22	22.27	22.05	23.00
	25	LOW	Q16	22.34	22.19	22.19	23.00
5	1	LOW	64QAM	22.95	22.64	22.43	23.00
		MID	64QAM	22.78	22.33	22.57	23.00
		HIGH	64QAM	22.66	22.60	22.59	23.00
	12	LOW	64QAM	21.29	21.52	21.20	22.00
		MID	64QAM	21.20	21.38	21.21	22.00
		HIGH	64QAM	21.36	21.27	21.21	22.00
	25	LOW	64QAM	21.11	21.30	21.29	22.00

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LTE B2-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.00	24.14	24.04	25.00
		MID	QPSK	24.25	24.28	24.10	25.00
		HIGH	QPSK	24.03	24.11	24.30	25.00
	25	LOW	QPSK	23.37	23.39	23.39	24.00
		MID	QPSK	23.34	23.40	23.19	24.00
		HIGH	QPSK	23.37	23.16	23.33	24.00
	50	LOW	QPSK	23.11	23.24	23.40	24.00
10	1	LOW	Q16	23.86	23.64	23.70	24.00
		MID	Q16	23.78	23.53	23.61	24.00
		HIGH	Q16	23.91	23.62	23.51	24.00
	25	LOW	Q16	22.10	22.35	22.19	23.00
		MID	Q16	22.27	22.44	22.32	23.00
		HIGH	Q16	22.18	22.22	22.09	23.00
	50	LOW	Q16	22.37	22.33	22.19	23.00
10	1	LOW	64QAM	22.94	22.69	22.25	23.00
		MID	64QAM	22.92	22.60	22.53	23.00
		HIGH	64QAM	22.77	22.44	22.46	23.00
	25	LOW	64QAM	21.08	21.38	20.99	22.00
		MID	64QAM	21.06	21.41	21.19	22.00
		HIGH	64QAM	21.29	21.43	21.16	22.00
	50	LOW	64QAM	21.11	21.36	21.33	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.07	24.30	24.00	25.00
		MID	QPSK	24.33	24.37	24.17	25.00
		HIGH	QPSK	24.07	24.07	24.09	25.00
	36	LOW	QPSK	23.24	23.45	23.26	24.00
		MID	QPSK	23.18	23.22	23.19	24.00
		HIGH	QPSK	23.16	23.36	23.31	24.00
	75	LOW	QPSK	23.27	23.25	23.14	24.00
15	1	LOW	Q16	23.86	23.43	23.41	24.00
		MID	Q16	23.71	23.62	23.76	24.00
		HIGH	Q16	23.88	23.56	23.45	24.00
	36	LOW	Q16	22.16	22.44	22.28	23.00
		MID	Q16	22.24	22.36	22.36	23.00
		HIGH	Q16	22.19	22.15	22.16	23.00
	75	LOW	Q16	22.28	22.23	22.40	23.00
15	1	LOW	64QAM	22.76	22.62	22.28	23.00
		MID	64QAM	22.50	22.43	22.49	23.00
		HIGH	64QAM	22.55	22.70	22.62	23.00
	36	LOW	64QAM	21.10	21.40	21.09	22.00
		MID	64QAM	21.28	21.45	21.42	22.00
		HIGH	64QAM	21.35	21.31	21.23	22.00
	75	LOW	64QAM	21.14	21.38	21.19	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.01	24.15	24.08	25.00
		MID	QPSK	24.20	24.29	24.16	25.00
		HIGH	QPSK	24.12	24.19	24.17	25.00
	50	LOW	QPSK	23.24	23.35	23.31	24.00
		MID	QPSK	23.24	23.30	23.30	24.00
		HIGH	QPSK	23.26	23.27	23.20	24.00
	100	LOW	QPSK	23.25	23.31	23.25	24.00
20	1	LOW	Q16	23.74	23.53	23.55	24.00
		MID	Q16	23.86	23.59	23.61	24.00
		HIGH	Q16	23.78	23.53	23.60	24.00
	50	LOW	Q16	22.25	22.31	22.28	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.28	22.30	22.15	23.00
	100	LOW	Q16	22.24	22.30	22.25	23.00
20	1	LOW	64QAM	22.88	22.65	22.40	23.00
		MID	64QAM	22.95	22.48	22.50	23.00
		HIGH	64QAM	22.69	22.59	22.61	23.00
	50	LOW	64QAM	21.23	21.41	21.14	22.00
		MID	64QAM	21.18	21.46	21.29	22.00
		HIGH	64QAM	21.33	21.37	21.11	22.00
	100	LOW	64QAM	21.25	21.43	21.28	22.00

LTE B2-DSI1&2 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	24.15	24.18	25.00
		MID	QPSK	24.10	24.17	24.23	25.00
		HIGH	QPSK	24.11	24.17	24.22	25.00
	3	LOW	QPSK	24.21	24.24	24.35	25.00
		MID	QPSK	24.23	24.22	24.39	25.00
		HIGH	QPSK	24.23	24.22	24.34	25.00
	6	LOW	QPSK	23.29	23.30	23.34	24.00
1.4	1	LOW	Q16	23.33	23.60	23.25	24.00
		MID	Q16	23.34	23.61	23.25	24.00
		HIGH	Q16	23.35	23.62	23.27	24.00
	3	LOW	Q16	23.30	23.46	23.42	24.00
		MID	Q16	23.30	23.45	23.43	24.00
		HIGH	Q16	23.31	23.43	23.41	24.00
	6	LOW	Q16	22.41	22.18	22.48	23.00
1.4	1	LOW	64QAM	22.34	22.55	22.14	23.00
		MID	64QAM	22.37	22.72	22.12	23.00
		HIGH	64QAM	22.22	22.57	22.39	23.00
	3	LOW	64QAM	22.26	22.51	22.34	23.00
		MID	64QAM	22.20	22.51	22.49	23.00
		HIGH	64QAM	22.35	22.42	22.44	23.00
	6	LOW	64QAM	21.40	21.20	21.45	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.92	24.09	24.22	25.00
		MID	QPSK	24.07	24.35	24.19	25.00
		HIGH	QPSK	24.05	24.27	24.16	25.00
	8	LOW	QPSK	23.30	23.28	23.39	24.00
		MID	QPSK	23.32	23.39	23.23	24.00
		HIGH	QPSK	23.17	23.17	23.19	24.00
	15	LOW	QPSK	23.32	23.32	23.12	24.00
3	1	LOW	Q16	23.77	23.46	23.41	24.00
		MID	Q16	23.89	23.62	23.52	24.00
		HIGH	Q16	23.73	23.45	23.65	24.00
	8	LOW	Q16	22.38	22.27	22.38	23.00
		MID	Q16	22.17	22.33	22.31	23.00
		HIGH	Q16	22.16	22.15	22.00	23.00
	15	LOW	Q16	22.31	22.30	22.13	23.00
3	1	LOW	64QAM	22.98	22.67	22.55	23.00
		MID	64QAM	22.89	22.39	22.43	23.00
		HIGH	64QAM	22.61	22.46	22.74	23.00
	8	LOW	64QAM	21.11	21.35	21.20	22.00
		MID	64QAM	21.07	21.39	21.27	22.00
		HIGH	64QAM	21.29	21.38	20.98	22.00
	15	LOW	64QAM	21.28	21.51	21.17	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.93	24.03	24.04	25.00
		MID	QPSK	24.19	24.17	24.02	25.00
		HIGH	QPSK	24.17	24.11	24.19	25.00
	12	LOW	QPSK	23.28	23.50	23.25	24.00
		MID	QPSK	23.18	23.25	23.40	24.00
		HIGH	QPSK	23.13	23.20	23.08	24.00
	25	LOW	QPSK	23.27	23.19	23.12	24.00
5	1	LOW	Q16	23.81	23.56	23.49	24.00
		MID	Q16	23.76	23.62	23.63	24.00
		HIGH	Q16	23.81	23.58	23.66	24.00
	12	LOW	Q16	22.17	22.34	22.22	23.00
		MID	Q16	22.24	22.35	22.15	23.00
		HIGH	Q16	22.22	22.27	22.05	23.00
	25	LOW	Q16	22.34	22.19	22.19	23.00
5	1	LOW	64QAM	22.95	22.64	22.43	23.00
		MID	64QAM	22.78	22.33	22.57	23.00
		HIGH	64QAM	22.66	22.60	22.59	23.00
	12	LOW	64QAM	21.29	21.52	21.20	22.00
		MID	64QAM	21.20	21.38	21.21	22.00
		HIGH	64QAM	21.36	21.27	21.21	22.00
	25	LOW	64QAM	21.11	21.30	21.29	22.00

LTE B2-DSI1&2 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	24.00	24.14	24.04	25.00
		MID	QPSK	24.25	24.28	24.10	25.00
		HIGH	QPSK	24.03	24.11	24.30	25.00
	25	LOW	QPSK	23.37	23.39	23.39	24.00
		MID	QPSK	23.34	23.40	23.19	24.00
		HIGH	QPSK	23.37	23.16	23.33	24.00
	50	LOW	QPSK	23.11	23.24	23.40	24.00
10	1	LOW	Q16	23.86	23.64	23.70	24.00
		MID	Q16	23.78	23.53	23.61	24.00
		HIGH	Q16	23.91	23.62	23.51	24.00
	25	LOW	Q16	22.10	22.35	22.19	23.00
		MID	Q16	22.27	22.44	22.32	23.00
		HIGH	Q16	22.18	22.22	22.09	23.00
	50	LOW	Q16	22.37	22.33	22.19	23.00
10	1	LOW	64QAM	22.94	22.69	22.25	23.00
		MID	64QAM	22.92	22.60	22.53	23.00
		HIGH	64QAM	22.77	22.44	22.46	23.00
	25	LOW	64QAM	21.08	21.38	20.99	22.00
		MID	64QAM	21.06	21.41	21.19	22.00
		HIGH	64QAM	21.29	21.43	21.16	22.00
	50	LOW	64QAM	21.11	21.36	21.33	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	24.07	24.30	24.00	25.00
		MID	QPSK	24.33	24.37	24.17	25.00
		HIGH	QPSK	24.07	24.07	24.09	25.00
	36	LOW	QPSK	23.24	23.45	23.26	24.00
		MID	QPSK	23.18	23.22	23.19	24.00
		HIGH	QPSK	23.16	23.36	23.31	24.00
	75	LOW	QPSK	23.27	23.25	23.14	24.00
15	1	LOW	Q16	23.86	23.43	23.41	24.00
		MID	Q16	23.71	23.62	23.76	24.00
		HIGH	Q16	23.88	23.56	23.45	24.00
	36	LOW	Q16	22.16	22.44	22.28	23.00
		MID	Q16	22.24	22.36	22.36	23.00
		HIGH	Q16	22.19	22.15	22.16	23.00
	75	LOW	Q16	22.28	22.23	22.40	23.00
15	1	LOW	64QAM	22.76	22.62	22.28	23.00
		MID	64QAM	22.50	22.43	22.49	23.00
		HIGH	64QAM	22.55	22.70	22.62	23.00
	36	LOW	64QAM	21.10	21.40	21.09	22.00
		MID	64QAM	21.28	21.45	21.42	22.00
		HIGH	64QAM	21.35	21.31	21.23	22.00
	75	LOW	64QAM	21.14	21.38	21.19	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	24.01	24.15	24.08	25.00
		MID	QPSK	24.20	24.29	24.16	25.00
		HIGH	QPSK	24.12	24.19	24.17	25.00
	50	LOW	QPSK	23.24	23.35	23.31	24.00
		MID	QPSK	23.24	23.30	23.30	24.00
		HIGH	QPSK	23.26	23.27	23.20	24.00
	100	LOW	QPSK	23.25	23.31	23.25	24.00
20	1	LOW	Q16	23.74	23.53	23.55	24.00
		MID	Q16	23.86	23.59	23.61	24.00
		HIGH	Q16	23.78	23.53	23.60	24.00
	50	LOW	Q16	22.25	22.31	22.28	23.00
		MID	Q16	22.25	22.31	22.24	23.00
		HIGH	Q16	22.28	22.30	22.15	23.00
	100	LOW	Q16	22.24	22.30	22.25	23.00
20	1	LOW	64QAM	22.88	22.65	22.40	23.00
		MID	64QAM	22.95	22.48	22.50	23.00
		HIGH	64QAM	22.69	22.59	22.61	23.00
	50	LOW	64QAM	21.23	21.41	21.14	22.00
		MID	64QAM	21.18	21.46	21.29	22.00
		HIGH	64QAM	21.33	21.37	21.11	22.00
	100	LOW	64QAM	21.25	21.43	21.28	22.00

LTE B2-DSI3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.64	19.59	19.66	21.00
		MID	QPSK	19.64	19.59	19.66	21.00
		HIGH	QPSK	19.66	19.59	19.67	21.00
	3	LOW	QPSK	19.70	19.70	19.75	21.00
		MID	QPSK	19.74	19.70	19.76	21.00
		HIGH	QPSK	19.71	19.67	19.76	21.00
	6	LOW	QPSK	19.71	19.69	19.72	21.00
1.4	1	LOW	Q16	19.81	20.07	19.71	21.00
		MID	Q16	19.85	20.05	19.72	21.00
		HIGH	Q16	19.82	20.05	19.68	21.00
	3	LOW	Q16	19.78	19.91	19.86	21.00
		MID	Q16	19.78	19.85	19.87	21.00
		HIGH	Q16	19.78	19.87	19.84	21.00
	6	LOW	Q16	19.87	19.59	19.85	21.00
1.4	1	LOW	64QAM	19.84	20.01	19.70	21.00
		MID	64QAM	19.88	20.16	19.67	21.00
		HIGH	64QAM	19.93	19.95	19.58	21.00
	3	LOW	64QAM	19.63	19.85	19.81	21.00
		MID	64QAM	19.80	19.74	19.96	21.00
		HIGH	64QAM	19.81	19.98	19.76	21.00
	6	LOW	64QAM	19.76	19.70	19.75	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.67	19.76	19.53	21.00
		MID	QPSK	19.54	19.77	19.51	21.00
		HIGH	QPSK	19.59	19.55	19.51	21.00
	8	LOW	QPSK	19.78	19.80	19.67	21.00
		MID	QPSK	19.77	19.82	19.79	21.00
		HIGH	QPSK	19.84	19.87	19.76	21.00
	15	LOW	QPSK	19.84	19.83	19.74	21.00
3	1	LOW	Q16	20.11	20.10	19.92	21.00
		MID	Q16	20.34	20.04	20.21	21.00
		HIGH	Q16	20.28	19.93	20.06	21.00
	8	LOW	Q16	19.64	19.64	19.74	21.00
		MID	Q16	19.90	19.76	19.72	21.00
		HIGH	Q16	19.76	19.70	19.60	21.00
	15	LOW	Q16	19.77	19.73	19.75	21.00
3	1	LOW	64QAM	19.99	19.96	19.88	21.00
		MID	64QAM	20.59	20.27	20.07	21.00
		HIGH	64QAM	20.19	20.27	19.96	21.00
	8	LOW	64QAM	19.58	19.63	19.80	21.00
		MID	64QAM	19.82	19.89	19.80	21.00
		HIGH	64QAM	19.49	19.73	19.66	21.00
	15	LOW	64QAM	19.89	19.64	19.49	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.71	19.73	19.49	21.00
		MID	QPSK	19.84	19.69	19.50	21.00
		HIGH	QPSK	19.48	19.69	19.61	21.00
	12	LOW	QPSK	19.81	19.75	19.80	21.00
		MID	QPSK	19.84	19.59	19.79	21.00
		HIGH	QPSK	19.82	19.71	19.78	21.00
	25	LOW	QPSK	19.73	19.68	19.74	21.00
5	1	LOW	Q16	20.35	20.08	19.95	21.00
		MID	Q16	20.44	20.22	19.94	21.00
		HIGH	Q16	20.19	20.07	20.20	21.00
	12	LOW	Q16	19.76	19.74	19.84	21.00
		MID	Q16	19.71	19.72	19.57	21.00
		HIGH	Q16	19.61	19.69	19.66	21.00
	25	LOW	Q16	19.71	19.81	19.59	21.00
5	1	LOW	64QAM	20.03	19.98	19.85	21.00
		MID	64QAM	20.46	20.36	20.05	21.00
		HIGH	64QAM	20.23	20.12	19.96	21.00
	12	LOW	64QAM	19.75	19.72	19.74	21.00
		MID	64QAM	19.84	19.83	19.62	21.00
		HIGH	64QAM	19.68	19.64	19.80	21.00
	25	LOW	64QAM	19.87	19.63	19.50	21.00

LTE B2-DSI3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.45	19.62	19.56	21.00
		MID	QPSK	19.84	19.63	19.51	21.00
		HIGH	QPSK	19.52	19.53	19.67	21.00
	25	LOW	QPSK	19.81	19.61	19.88	21.00
		MID	QPSK	19.87	19.81	19.81	21.00
		HIGH	QPSK	19.61	19.87	19.58	21.00
	50	LOW	QPSK	19.56	19.81	19.78	21.00
10	1	LOW	Q16	20.10	19.90	19.90	21.00
		MID	Q16	20.46	20.02	19.94	21.00
		HIGH	Q16	20.26	20.05	20.16	21.00
	25	LOW	Q16	19.64	19.81	19.71	21.00
		MID	Q16	19.72	19.78	19.84	21.00
		HIGH	Q16	19.82	19.61	19.60	21.00
	50	LOW	Q16	19.64	19.66	19.60	21.00
10	1	LOW	64QAM	20.03	19.92	19.95	21.00
		MID	64QAM	20.29	20.34	20.13	21.00
		HIGH	64QAM	20.13	20.10	19.84	21.00
	25	LOW	64QAM	19.54	19.78	19.88	21.00
		MID	64QAM	19.69	19.61	19.54	21.00
		HIGH	64QAM	19.59	19.86	19.80	21.00
	50	LOW	64QAM	19.92	19.69	19.65	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.51	19.76	19.42	21.00
		MID	QPSK	19.74	19.86	19.48	21.00
		HIGH	QPSK	19.68	19.80	19.50	21.00
	36	LOW	QPSK	19.67	19.82	19.82	21.00
		MID	QPSK	19.84	19.79	19.59	21.00
		HIGH	QPSK	19.69	19.85	19.66	21.00
	75	LOW	QPSK	19.63	19.70	19.85	21.00
15	1	LOW	Q16	20.09	19.95	20.02	21.00
		MID	Q16	20.34	20.10	20.10	21.00
		HIGH	Q16	20.34	20.09	19.95	21.00
	36	LOW	Q16	19.83	19.83	19.70	21.00
		MID	Q16	19.82	19.61	19.85	21.00
		HIGH	Q16	19.87	19.76	19.74	21.00
	75	LOW	Q16	19.75	19.73	19.79	21.00
15	1	LOW	64QAM	20.01	19.87	19.91	21.00
		MID	64QAM	20.32	20.30	20.18	21.00
		HIGH	64QAM	20.19	20.10	20.04	21.00
	36	LOW	64QAM	19.82	19.72	19.87	21.00
		MID	64QAM	19.76	19.66	19.56	21.00
		HIGH	64QAM	19.70	19.79	19.84	21.00
	75	LOW	64QAM	20.03	19.77	19.58	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.59	19.63	19.55	21.00
		MID	QPSK	19.69	19.74	19.61	21.00
		HIGH	QPSK	19.61	19.67	19.63	21.00
	50	LOW	QPSK	19.69	19.78	19.77	21.00
		MID	QPSK	19.74	19.69	19.74	21.00
		HIGH	QPSK	19.72	19.73	19.65	21.00
	100	LOW	QPSK	19.71	19.75	19.73	21.00
20	1	LOW	Q16	20.20	20.02	20.00	21.00
		MID	Q16	20.32	20.15	20.07	21.00
		HIGH	Q16	20.24	20.05	20.07	21.00
	50	LOW	Q16	19.72	19.78	19.74	21.00
		MID	Q16	19.77	19.74	19.71	21.00
		HIGH	Q16	19.75	19.74	19.62	21.00
	100	LOW	Q16	19.74	19.72	19.74	21.00
20	1	LOW	64QAM	20.06	19.98	19.85	21.00
		MID	64QAM	20.44	20.28	20.11	21.00
		HIGH	64QAM	20.16	20.16	19.95	21.00
	50	LOW	64QAM	19.68	19.70	19.85	21.00
		MID	64QAM	19.84	19.76	19.66	21.00
		HIGH	64QAM	19.61	19.72	19.71	21.00
	100	LOW	64QAM	19.88	19.73	19.63	21.00

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.77	23.74	23.91	25.00
		MID	QPSK	23.75	23.75	23.95	25.00
		HIGH	QPSK	23.78	23.75	23.94	25.00
	3	LOW	QPSK	23.88	23.88	23.58	24.00
		MID	QPSK	23.88	23.88	23.60	24.00
		HIGH	QPSK	23.88	23.86	23.55	24.00
	6	LOW	QPSK	22.91	22.91	23.05	24.00
1.4	1	LOW	Q16	22.95	23.25	22.95	24.00
		MID	Q16	22.97	23.24	22.93	24.00
		HIGH	Q16	22.97	23.25	22.98	24.00
	3	LOW	Q16	22.97	22.61	22.62	23.00
		MID	Q16	22.95	22.57	22.63	23.00
		HIGH	Q16	22.99	22.56	22.62	23.00
	6	LOW	Q16	22.09	21.77	22.19	23.00
1.4	1	LOW	64QAM	22.02	22.21	21.97	23.00
		MID	64QAM	21.98	22.31	21.86	23.00
		HIGH	64QAM	21.85	22.22	21.99	23.00
	3	LOW	64QAM	21.88	21.63	21.77	22.00
		MID	64QAM	21.87	21.55	21.56	22.00
		HIGH	64QAM	21.57	21.92	21.76	22.00
	6	LOW	64QAM	21.01	20.82	21.05	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.69	23.60	23.56	25.00
		MID	QPSK	23.97	23.90	24.00	25.00
		HIGH	QPSK	23.86	23.83	23.90	25.00
	8	LOW	QPSK	23.03	22.87	22.92	24.00
		MID	QPSK	22.92	22.93	23.13	24.00
		HIGH	QPSK	22.95	22.99	23.01	24.00
	15	LOW	QPSK	22.80	22.98	22.83	24.00
3	1	LOW	Q16	23.50	23.11	23.08	24.00
		MID	Q16	23.44	23.34	23.31	24.00
		HIGH	Q16	23.50	22.97	23.38	24.00
	8	LOW	Q16	22.07	21.89	21.97	23.00
		MID	Q16	22.09	21.82	21.90	23.00
		HIGH	Q16	22.01	22.07	21.85	23.00
	15	LOW	Q16	22.07	21.79	21.96	23.00
3	1	LOW	64QAM	22.36	22.18	22.08	23.00
		MID	64QAM	22.36	22.12	22.39	23.00
		HIGH	64QAM	22.42	22.13	22.48	23.00
	8	LOW	64QAM	21.08	21.04	20.86	22.00
		MID	64QAM	21.04	21.03	20.84	22.00
		HIGH	64QAM	20.93	20.78	20.98	22.00
	15	LOW	64QAM	21.18	21.12	21.11	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.84	23.79	23.63	25.00
		MID	QPSK	23.80	23.77	23.94	25.00
		HIGH	QPSK	23.71	23.79	23.97	25.00
	12	LOW	QPSK	22.89	23.06	23.08	24.00
		MID	QPSK	23.08	23.09	22.94	24.00
		HIGH	QPSK	23.07	22.80	22.91	24.00
	25	LOW	QPSK	23.06	22.75	23.13	24.00
5	1	LOW	Q16	23.30	22.86	23.23	24.00
		MID	Q16	23.40	23.16	23.22	24.00
		HIGH	Q16	23.68	23.27	23.37	24.00
	12	LOW	Q16	21.82	21.99	22.04	23.00
		MID	Q16	21.88	21.81	22.02	23.00
		HIGH	Q16	21.82	21.96	21.90	23.00
	25	LOW	Q16	21.93	21.80	21.96	23.00
5	1	LOW	64QAM	22.20	22.14	22.21	23.00
		MID	64QAM	22.41	22.21	22.34	23.00
		HIGH	64QAM	22.57	22.14	22.33	23.00
	12	LOW	64QAM	20.96	20.94	20.68	22.00
		MID	64QAM	21.10	20.97	21.03	22.00
		HIGH	64QAM	20.91	20.91	20.79	22.00
	25	LOW	64QAM	21.04	20.84	21.17	22.00

LTE B4-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.83	23.61	23.82	25.00
		MID	QPSK	23.78	23.76	23.84	25.00
		HIGH	QPSK	23.64	23.81	23.87	25.00
	25	LOW	QPSK	22.85	23.04	23.01	24.00
		MID	QPSK	23.05	23.11	23.10	24.00
		HIGH	QPSK	22.97	22.80	23.09	24.00
	50	LOW	QPSK	22.97	22.77	23.05	24.00
10	1	LOW	Q16	23.53	22.90	23.00	24.00
		MID	Q16	23.68	23.31	23.30	24.00
		HIGH	Q16	23.56	23.07	23.18	24.00
	25	LOW	Q16	21.81	21.83	22.07	23.00
		MID	Q16	22.00	21.96	21.98	23.00
		HIGH	Q16	21.88	21.92	22.10	23.00
	50	LOW	Q16	22.01	21.99	22.02	23.00
10	1	LOW	64QAM	22.35	22.16	22.03	23.00
		MID	64QAM	22.42	22.32	22.29	23.00
		HIGH	64QAM	22.45	22.10	22.30	23.00
	25	LOW	64QAM	20.93	21.05	20.94	22.00
		MID	64QAM	21.09	20.75	20.90	22.00
		HIGH	64QAM	21.11	20.99	20.98	22.00
	50	LOW	64QAM	20.96	21.06	21.21	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.86	23.64	23.82	25.00
		MID	QPSK	23.85	23.82	24.00	25.00
		HIGH	QPSK	23.79	23.93	23.88	25.00
	36	LOW	QPSK	22.99	23.00	23.02	24.00
		MID	QPSK	22.86	22.91	23.16	24.00
		HIGH	QPSK	22.84	23.08	22.94	24.00
	75	LOW	QPSK	23.02	22.86	22.98	24.00
15	1	LOW	Q16	23.37	23.06	23.00	24.00
		MID	Q16	23.67	23.23	23.35	24.00
		HIGH	Q16	23.50	22.97	23.19	24.00
	36	LOW	Q16	21.83	22.07	21.97	23.00
		MID	Q16	22.06	21.95	22.06	23.00
		HIGH	Q16	21.86	22.03	22.07	23.00
	75	LOW	Q16	21.93	21.88	21.98	23.00
15	1	LOW	64QAM	22.41	21.98	22.08	23.00
		MID	64QAM	22.51	22.09	22.14	23.00
		HIGH	64QAM	22.58	21.99	22.29	23.00
	36	LOW	64QAM	20.91	21.13	20.85	22.00
		MID	64QAM	21.23	20.96	20.92	22.00
		HIGH	64QAM	21.08	20.96	20.78	22.00
	75	LOW	64QAM	20.99	21.02	21.00	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.72	23.67	23.71	25.00
		MID	QPSK	23.82	23.86	23.88	25.00
		HIGH	QPSK	23.79	23.82	23.91	25.00
	50	LOW	QPSK	22.92	22.96	22.99	24.00
		MID	QPSK	23.01	22.97	23.02	24.00
		HIGH	QPSK	22.93	22.95	23.00	24.00
	100	LOW	QPSK	22.94	22.90	22.98	24.00
20	1	LOW	Q16	23.43	23.00	23.12	24.00
		MID	Q16	23.54	23.19	23.31	24.00
		HIGH	Q16	23.53	23.12	23.33	24.00
	50	LOW	Q16	21.93	21.95	21.95	23.00
		MID	Q16	22.00	21.95	22.00	23.00
		HIGH	Q16	21.95	21.93	22.00	23.00
	100	LOW	Q16	21.93	21.90	21.97	23.00
20	1	LOW	64QAM	22.31	22.06	22.13	23.00
		MID	64QAM	22.50	22.19	22.28	23.00
		HIGH	64QAM	22.47	22.03	22.36	23.00
	50	LOW	64QAM	21.00	21.01	20.83	22.00
		MID	64QAM	21.08	20.89	20.95	22.00
		HIGH	64QAM	21.01	20.88	20.93	22.00
	100	LOW	64QAM	21.05	20.99	21.10	22.00

LTE B4-DSI1 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.78	17.61	17.58	19.00
		MID	QPSK	17.77	17.62	17.64	19.00
		HIGH	QPSK	17.76	17.62	17.61	19.00
	3	LOW	QPSK	17.80	17.71	17.71	19.00
		MID	QPSK	17.80	17.68	17.74	19.00
		HIGH	QPSK	17.80	17.71	17.74	19.00
	6	LOW	QPSK	17.83	17.75	17.70	19.00
1.4	1	LOW	Q16	18.02	18.09	17.63	19.00
		MID	Q16	18.02	18.06	17.63	19.00
		HIGH	Q16	18.01	18.09	17.66	19.00
	3	LOW	Q16	17.87	17.95	17.82	19.00
		MID	Q16	17.87	17.90	17.83	19.00
		HIGH	Q16	17.86	17.90	17.81	19.00
	6	LOW	Q16	17.89	17.63	17.84	19.00
1.4	1	LOW	64QAM	17.94	18.16	17.76	19.00
		MID	64QAM	18.01	18.12	17.64	19.00
		HIGH	64QAM	18.12	17.94	17.66	19.00
	3	LOW	64QAM	17.96	18.06	17.83	19.00
		MID	64QAM	17.90	18.03	17.91	19.00
		HIGH	64QAM	17.91	18.00	17.85	19.00
	6	LOW	64QAM	18.03	17.75	17.99	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	17.58	17.75	17.71	19.00
		MID	QPSK	17.88	17.79	17.70	19.00
		HIGH	QPSK	17.54	17.81	17.60	19.00
	8	LOW	QPSK	17.77	17.81	17.84	19.00
		MID	QPSK	17.78	17.66	17.73	19.00
		HIGH	QPSK	17.80	17.79	17.62	19.00
	15	LOW	QPSK	17.87	17.68	17.88	19.00
3	1	LOW	Q16	18.13	18.04	17.86	19.00
		MID	Q16	18.48	18.17	18.09	19.00
		HIGH	Q16	18.27	18.15	17.89	19.00
	8	LOW	Q16	17.67	17.91	17.67	19.00
		MID	Q16	17.78	17.72	17.84	19.00
		HIGH	Q16	17.84	17.76	17.84	19.00
	15	LOW	Q16	17.77	17.86	17.84	19.00
3	1	LOW	64QAM	18.38	18.00	17.96	19.00
		MID	64QAM	18.45	18.19	17.92	19.00
		HIGH	64QAM	18.54	17.94	18.22	19.00
	8	LOW	64QAM	18.03	17.57	17.71	19.00
		MID	64QAM	17.92	17.94	17.65	19.00
		HIGH	64QAM	17.95	17.81	17.85	19.00
	15	LOW	64QAM	17.73	17.82	18.02	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	17.55	17.55	17.51	19.00
		MID	QPSK	17.63	17.70	17.67	19.00
		HIGH	QPSK	17.56	17.69	17.72	19.00
	12	LOW	QPSK	17.73	17.80	17.75	19.00
		MID	QPSK	17.77	17.71	17.89	19.00
		HIGH	QPSK	17.73	17.90	17.75	19.00
	25	LOW	QPSK	17.82	17.79	17.74	19.00
5	1	LOW	Q16	18.42	17.91	18.12	19.00
		MID	Q16	18.39	18.03	18.10	19.00
		HIGH	Q16	18.47	18.09	18.07	19.00
	12	LOW	Q16	17.91	17.75	17.86	19.00
		MID	Q16	17.74	17.84	17.82	19.00
		HIGH	Q16	17.73	17.86	17.69	19.00
	25	LOW	Q16	17.89	17.65	17.78	19.00
5	1	LOW	64QAM	18.35	17.77	17.90	19.00
		MID	64QAM	18.56	18.15	18.14	19.00
		HIGH	64QAM	18.59	18.14	18.23	19.00
	12	LOW	64QAM	17.80	17.77	17.82	19.00
		MID	64QAM	17.64	17.92	17.83	19.00
		HIGH	64QAM	17.98	17.92	17.65	19.00
	25	LOW	64QAM	17.76	17.61	17.85	19.00

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LTE B4-DSI1 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.74	17.76	17.54	19.00
		MID	QPSK	17.63	17.69	17.82	19.00
		HIGH	QPSK	17.62	17.71	17.59	19.00
	25	LOW	QPSK	17.82	17.74	17.76	19.00
		MID	QPSK	17.97	17.64	17.89	19.00
		HIGH	QPSK	17.70	17.89	17.68	19.00
	50	LOW	QPSK	17.73	17.71	17.86	19.00
10	1	LOW	Q16	18.26	17.85	17.86	19.00
		MID	Q16	18.34	18.08	18.02	19.00
		HIGH	Q16	18.35	18.17	18.05	19.00
	25	LOW	Q16	17.66	17.76	17.92	19.00
		MID	Q16	17.71	17.74	17.79	19.00
		HIGH	Q16	17.78	17.74	17.58	19.00
	50	LOW	Q16	17.95	17.69	17.69	19.00
10	1	LOW	64QAM	18.19	17.95	17.98	19.00
		MID	64QAM	18.42	18.23	18.15	19.00
		HIGH	64QAM	18.56	18.08	18.10	19.00
	25	LOW	64QAM	17.92	17.77	17.85	19.00
		MID	64QAM	17.74	17.80	17.71	19.00
		HIGH	64QAM	17.99	17.78	17.74	19.00
	50	LOW	64QAM	17.96	17.57	18.04	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.81	17.51	17.68	19.00
		MID	QPSK	17.87	17.83	17.72	19.00
		HIGH	QPSK	17.72	17.68	17.67	19.00
	36	LOW	QPSK	17.84	17.73	17.82	19.00
		MID	QPSK	17.78	17.73	17.66	19.00
		HIGH	QPSK	17.86	17.76	17.77	19.00
	75	LOW	QPSK	17.77	17.61	17.85	19.00
15	1	LOW	Q16	18.18	17.97	17.93	19.00
		MID	Q16	18.33	18.02	17.99	19.00
		HIGH	Q16	18.47	18.02	17.98	19.00
	36	LOW	Q16	17.86	17.67	17.74	19.00
		MID	Q16	17.77	17.86	17.65	19.00
		HIGH	Q16	17.67	17.86	17.66	19.00
	75	LOW	Q16	17.81	17.74	17.89	19.00
15	1	LOW	64QAM	18.19	17.83	17.91	19.00
		MID	64QAM	18.35	18.20	17.88	19.00
		HIGH	64QAM	18.53	17.88	18.15	19.00
	36	LOW	64QAM	17.91	17.75	17.60	19.00
		MID	64QAM	17.77	17.76	17.60	19.00
		HIGH	64QAM	17.91	17.85	17.65	19.00
	75	LOW	64QAM	17.92	17.63	17.78	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.66	17.63	17.77	19.00
		MID	QPSK	17.76	17.72	17.69	19.00
		HIGH	QPSK	17.68	17.69	17.59	19.00
	50	LOW	QPSK	17.76	17.79	17.85	19.00
		MID	QPSK	17.84	17.76	17.77	19.00
		HIGH	QPSK	17.71	17.77	17.76	19.00
	100	LOW	QPSK	17.74	17.74	17.78	19.00
20	1	LOW	Q16	18.28	17.99	17.99	19.00
		MID	Q16	18.41	18.09	18.12	19.00
		HIGH	Q16	18.32	18.04	18.03	19.00
	50	LOW	Q16	17.80	17.79	17.77	19.00
		MID	Q16	17.85	17.76	17.79	19.00
		HIGH	Q16	17.77	17.77	17.72	19.00
	100	LOW	Q16	17.80	17.74	17.77	19.00
20	1	LOW	64QAM	18.29	17.89	17.96	19.00
		MID	64QAM	18.46	18.21	18.02	19.00
		HIGH	64QAM	18.46	18.00	18.11	19.00
	50	LOW	64QAM	17.91	17.67	17.73	19.00
		MID	64QAM	17.78	17.89	17.68	19.00
		HIGH	64QAM	17.91	17.83	17.79	19.00
	100	LOW	64QAM	17.88	17.67	17.89	19.00

LTE B4-DSI2&3 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	22.61	22.61	24.00
		MID	QPSK	22.78	22.59	22.62	24.00
		HIGH	QPSK	22.78	22.63	22.63	24.00
	3	LOW	QPSK	22.82	22.71	22.72	24.00
		MID	QPSK	22.83	22.70	22.76	24.00
		HIGH	QPSK	22.81	22.68	22.73	24.00
	6	LOW	QPSK	22.86	22.75	22.70	24.00
1.4	1	LOW	Q16	22.93	23.10	22.63	24.00
		MID	Q16	22.97	23.07	22.61	24.00
		HIGH	Q16	22.94	23.09	22.63	24.00
	3	LOW	Q16	22.87	22.95	22.82	23.00
		MID	Q16	22.88	22.91	22.82	23.00
		HIGH	Q16	22.89	22.90	22.81	23.00
	6	LOW	Q16	21.97	21.61	21.85	23.00
1.4	1	LOW	64QAM	21.97	22.21	21.88	23.00
		MID	64QAM	22.02	21.96	21.65	23.00
		HIGH	64QAM	22.09	21.99	21.89	23.00
	3	LOW	64QAM	21.95	21.88	21.93	22.00
		MID	64QAM	21.76	21.83	21.83	22.00
		HIGH	64QAM	21.77	21.93	21.88	22.00
	6	LOW	64QAM	20.97	20.54	20.91	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.84	22.69	22.71	24.00
		MID	QPSK	22.83	22.80	22.78	24.00
		HIGH	QPSK	22.55	22.83	22.65	24.00
	8	LOW	QPSK	22.80	22.87	22.83	24.00
		MID	QPSK	22.93	22.73	22.92	24.00
		HIGH	QPSK	22.63	22.83	22.73	24.00
	15	LOW	QPSK	22.73	22.68	22.60	24.00
3	1	LOW	Q16	23.30	22.81	23.17	24.00
		MID	Q16	23.48	22.98	23.19	24.00
		HIGH	Q16	23.27	23.06	22.96	24.00
	8	LOW	Q16	21.69	21.74	21.82	23.00
		MID	Q16	21.92	21.75	21.69	23.00
		HIGH	Q16	21.68	21.73	21.59	23.00
	15	LOW	Q16	21.65	21.84	21.87	23.00
3	1	LOW	64QAM	22.15	22.07	21.95	23.00
		MID	64QAM	22.53	22.17	22.07	23.00
		HIGH	64QAM	22.38	21.82	21.91	23.00
	8	LOW	64QAM	20.75	20.61	20.88	22.00
		MID	64QAM	20.84	20.99	20.76	22.00
		HIGH	64QAM	20.89	20.69	20.86	22.00
	15	LOW	64QAM	20.78	20.72	20.84	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.83	22.76	22.63	24.00
		MID	QPSK	22.69	22.62	22.70	24.00
		HIGH	QPSK	22.66	22.85	22.54	24.00
	12	LOW	QPSK	22.70	22.79	22.62	24.00
		MID	QPSK	22.91	22.66	22.82	24.00
		HIGH	QPSK	22.86	22.83	22.79	24.00
	25	LOW	QPSK	22.72	22.88	22.67	24.00
5	1	LOW	Q16	23.37	22.83	23.00	24.00
		MID	Q16	23.34	22.91	23.16	24.00
		HIGH	Q16	23.37	23.08	22.97	24.00
	12	LOW	Q16	21.71	21.63	21.83	23.00
		MID	Q16	21.67	21.87	21.80	23.00
		HIGH	Q16	21.64	21.77	21.60	23.00
	25	LOW	Q16	21.65	21.64	21.86	23.00
5	1	LOW	64QAM	22.29	21.97	22.14	23.00
		MID	64QAM	22.55	22.16	22.07	23.00
		HIGH	64QAM	22.48	21.79	22.07	23.00
	12	LOW	64QAM	20.82	20.82	20.77	22.00
		MID	64QAM	21.02	20.94	20.55	22.00
		HIGH	64QAM	20.71	20.67	20.84	22.00
	25	LOW	64QAM	20.68	20.50	20.56	22.00

LTE B4-DSI2&3 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.54	22.89	22.55	24.00
		MID	QPSK	22.63	22.62	22.68	24.00
		HIGH	QPSK	22.65	22.81	22.51	24.00
	25	LOW	QPSK	22.70	22.66	22.89	24.00
		MID	QPSK	22.95	22.74	22.75	24.00
		HIGH	QPSK	22.71	22.85	22.84	24.00
	50	LOW	QPSK	22.68	22.62	22.81	24.00
10	1	LOW	Q16	23.42	22.80	22.93	24.00
		MID	Q16	23.48	23.09	23.24	24.00
		HIGH	Q16	23.34	23.01	22.92	24.00
	25	LOW	Q16	21.63	21.79	21.68	23.00
		MID	Q16	21.95	21.63	21.85	23.00
		HIGH	Q16	21.76	21.62	21.59	23.00
	50	LOW	Q16	21.75	21.74	21.69	23.00
10	1	LOW	64QAM	22.20	21.99	21.95	23.00
		MID	64QAM	22.60	22.00	22.00	23.00
		HIGH	64QAM	22.20	21.85	22.07	23.00
	25	LOW	64QAM	20.86	20.75	20.87	22.00
		MID	64QAM	20.85	20.70	20.79	22.00
		HIGH	64QAM	20.53	20.78	20.71	22.00
	50	LOW	64QAM	20.84	20.51	20.84	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.80	22.69	22.67	24.00
		MID	QPSK	22.71	22.74	22.74	24.00
		HIGH	QPSK	22.56	22.61	22.69	24.00
	36	LOW	QPSK	22.66	22.88	22.81	24.00
		MID	QPSK	22.84	22.88	22.70	24.00
		HIGH	QPSK	22.72	22.85	22.82	24.00
	75	LOW	QPSK	22.61	22.79	22.82	24.00
15	1	LOW	Q16	23.25	22.93	23.08	24.00
		MID	Q16	23.47	23.16	23.25	24.00
		HIGH	Q16	23.25	23.01	23.01	24.00
	36	LOW	Q16	21.85	21.85	21.71	23.00
		MID	Q16	21.82	21.90	21.70	23.00
		HIGH	Q16	21.85	21.65	21.73	23.00
	75	LOW	Q16	21.71	21.78	21.75	23.00
15	1	LOW	64QAM	22.09	22.07	22.14	23.00
		MID	64QAM	22.39	22.08	21.99	23.00
		HIGH	64QAM	22.39	21.89	22.01	23.00
	36	LOW	64QAM	20.68	20.67	20.74	22.00
		MID	64QAM	20.80	20.95	20.89	22.00
		HIGH	64QAM	20.66	20.90	20.56	22.00
	75	LOW	64QAM	20.71	20.56	20.66	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.69	22.64	22.59	24.00
		MID	QPSK	22.72	22.73	22.69	24.00
		HIGH	QPSK	22.67	22.71	22.74	24.00
	50	LOW	QPSK	22.75	22.79	22.76	24.00
		MID	QPSK	22.81	22.75	22.82	24.00
		HIGH	QPSK	22.77	22.78	22.73	24.00
	100	LOW	QPSK	22.74	22.74	22.73	24.00
20	1	LOW	Q16	23.34	22.95	23.02	24.00
		MID	Q16	23.45	23.02	23.12	24.00
		HIGH	Q16	23.35	23.00	23.06	24.00
	50	LOW	Q16	21.75	21.77	21.75	23.00
		MID	Q16	21.82	21.76	21.76	23.00
		HIGH	Q16	21.75	21.75	21.72	23.00
	100	LOW	Q16	21.74	21.72	21.73	23.00
20	1	LOW	64QAM	22.23	21.96	22.06	23.00
		MID	64QAM	22.51	22.09	22.10	23.00
		HIGH	64QAM	22.33	21.87	21.96	23.00
	50	LOW	64QAM	20.82	20.71	20.89	22.00
		MID	64QAM	20.90	20.85	20.64	22.00
		HIGH	64QAM	20.60	20.81	20.57	22.00
	100	LOW	64QAM	20.83	20.60	20.69	22.00

LTE B4-DSI4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.30	16.13	16.34	17.50
		MID	QPSK	16.26	16.11	16.11	17.50
		HIGH	QPSK	16.26	16.11	16.37	17.50
	3	LOW	QPSK	16.33	16.27	16.25	17.50
		MID	QPSK	16.36	16.25	16.30	17.50
		HIGH	QPSK	16.34	16.23	16.26	17.50
	6	LOW	QPSK	16.37	16.25	16.26	17.50
1.4	1	LOW	Q16	16.52	16.66	16.21	17.50
		MID	Q16	16.51	16.64	16.22	17.50
		HIGH	Q16	16.53	16.65	16.23	17.50
	3	LOW	Q16	16.43	16.51	16.40	17.50
		MID	Q16	16.43	16.46	16.39	17.50
		HIGH	Q16	16.45	16.47	16.38	17.50
	6	LOW	Q16	16.52	16.18	16.41	17.50
1.4	1	LOW	64QAM	16.53	16.57	16.14	17.50
		MID	64QAM	16.53	16.50	16.08	17.50
		HIGH	64QAM	16.54	16.52	16.13	17.50
	3	LOW	64QAM	16.46	16.50	16.52	17.50
		MID	64QAM	16.48	16.32	16.33	17.50
		HIGH	64QAM	16.45	16.43	16.41	17.50
	6	LOW	64QAM	16.58	16.16	16.32	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	16.22	16.25	16.15	17.50
		MID	QPSK	16.33	16.23	16.33	17.50
		HIGH	QPSK	16.08	16.24	16.36	17.50
	8	LOW	QPSK	16.29	16.42	16.16	17.50
		MID	QPSK	16.52	16.29	16.25	17.50
		HIGH	QPSK	16.18	16.28	16.20	17.50
	15	LOW	QPSK	16.14	16.23	16.41	17.50
3	1	LOW	Q16	16.75	16.56	16.52	17.50
		MID	Q16	16.82	16.85	16.61	17.50
		HIGH	Q16	16.91	16.51	16.69	17.50
	8	LOW	Q16	16.45	16.44	16.21	17.50
		MID	Q16	16.43	16.44	16.35	17.50
		HIGH	Q16	16.30	16.35	16.31	17.50
	15	LOW	Q16	16.30	16.44	16.30	17.50
3	1	LOW	64QAM	16.74	16.82	16.64	17.50
		MID	64QAM	16.98	16.62	16.75	17.50
		HIGH	64QAM	16.65	16.71	16.62	17.50
	8	LOW	64QAM	16.39	16.43	16.39	17.50
		MID	64QAM	16.36	16.59	16.36	17.50
		HIGH	64QAM	16.31	16.26	16.11	17.50
	15	LOW	64QAM	16.39	16.19	16.23	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	16.28	16.23	16.13	17.50
		MID	QPSK	16.12	16.23	16.20	17.50
		HIGH	QPSK	16.08	16.14	16.05	17.50
	12	LOW	QPSK	16.40	16.48	16.19	17.50
		MID	QPSK	16.30	16.25	16.30	17.50
		HIGH	QPSK	16.13	16.45	16.29	17.50
	25	LOW	QPSK	16.30	16.17	16.20	17.50
5	1	LOW	Q16	16.74	16.61	16.49	17.50
		MID	Q16	17.02	16.74	16.52	17.50
		HIGH	Q16	16.93	16.53	16.60	17.50
	12	LOW	Q16	16.39	16.36	16.29	17.50
		MID	Q16	16.50	16.34	16.44	17.50
		HIGH	Q16	16.36	16.30	16.36	17.50
	25	LOW	Q16	16.31	16.30	16.17	17.50
5	1	LOW	64QAM	16.94	16.84	16.61	17.50
		MID	64QAM	16.92	16.59	16.77	17.50
		HIGH	64QAM	16.70	16.49	16.72	17.50
	12	LOW	64QAM	16.34	16.43	16.46	17.50
		MID	64QAM	16.55	16.35	16.53	17.50
		HIGH	64QAM	16.34	16.35	16.14	17.50
	25	LOW	64QAM	16.54	16.44	16.31	17.50

LTE B4-DSI4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	16.24	16.27	16.10	17.50
		MID	QPSK	16.27	16.34	16.15	17.50
		HIGH	QPSK	16.17	16.22	16.36	17.50
	25	LOW	QPSK	16.26	16.37	16.34	17.50
		MID	QPSK	16.24	16.30	16.49	17.50
		HIGH	QPSK	16.36	16.20	16.33	17.50
	50	LOW	QPSK	16.33	16.39	16.26	17.50
10	1	LOW	Q16	16.81	16.59	16.43	17.50
		MID	Q16	16.98	16.62	16.52	17.50
		HIGH	Q16	16.98	16.64	16.49	17.50
	25	LOW	Q16	16.36	16.33	16.38	17.50
		MID	Q16	16.53	16.22	16.40	17.50
		HIGH	Q16	16.35	16.30	16.38	17.50
	50	LOW	Q16	16.41	16.30	16.43	17.50
10	1	LOW	64QAM	16.85	16.81	16.54	17.50
		MID	64QAM	16.84	16.69	16.54	17.50
		HIGH	64QAM	16.75	16.53	16.44	17.50
	25	LOW	64QAM	16.21	16.38	16.26	17.50
		MID	64QAM	16.46	16.34	16.35	17.50
		HIGH	64QAM	16.39	16.22	16.07	17.50
	50	LOW	64QAM	16.53	16.43	16.32	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	16.22	16.11	16.10	17.50
		MID	QPSK	16.38	16.10	16.27	17.50
		HIGH	QPSK	16.12	16.08	16.30	17.50
	36	LOW	QPSK	16.46	16.40	16.19	17.50
		MID	QPSK	16.40	16.25	16.37	17.50
		HIGH	QPSK	16.40	16.18	16.14	17.50
	75	LOW	QPSK	16.19	16.33	16.21	17.50
15	1	LOW	Q16	16.85	16.53	16.60	17.50
		MID	Q16	16.98	16.79	16.72	17.50
		HIGH	Q16	16.69	16.58	16.66	17.50
	36	LOW	Q16	16.21	16.31	16.41	17.50
		MID	Q16	16.33	16.28	16.27	17.50
		HIGH	Q16	16.16	16.42	16.32	17.50
	75	LOW	Q16	16.32	16.44	16.15	17.50
15	1	LOW	64QAM	16.91	16.63	16.41	17.50
		MID	64QAM	17.04	16.69	16.79	17.50
		HIGH	64QAM	16.60	16.49	16.66	17.50
	36	LOW	64QAM	16.49	16.36	16.38	17.50
		MID	64QAM	16.38	16.42	16.31	17.50
		HIGH	64QAM	16.47	16.40	16.05	17.50
	75	LOW	64QAM	16.40	16.22	16.34	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	16.17	16.17	16.04	17.50
		MID	QPSK	16.25	16.22	16.19	17.50
		HIGH	QPSK	16.14	16.16	16.38	17.50
	50	LOW	QPSK	16.33	16.34	16.31	17.50
		MID	QPSK	16.38	16.33	16.39	17.50
		HIGH	QPSK	16.27	16.33	16.25	17.50
	100	LOW	QPSK	16.27	16.28	16.29	17.50
20	1	LOW	Q16	16.85	16.61	16.55	17.50
		MID	Q16	16.96	16.73	16.67	17.50
		HIGH	Q16	16.84	16.66	16.59	17.50
	50	LOW	Q16	16.34	16.36	16.30	17.50
		MID	Q16	16.44	16.33	16.32	17.50
		HIGH	Q16	16.30	16.32	16.28	17.50
	100	LOW	Q16	16.32	16.32	16.30	17.50
20	1	LOW	64QAM	16.80	16.75	16.53	17.50
		MID	64QAM	16.94	16.61	16.66	17.50
		HIGH	64QAM	16.75	16.58	16.59	17.50
	50	LOW	64QAM	16.35	16.43	16.37	17.50
		MID	64QAM	16.43	16.48	16.42	17.50
		HIGH	64QAM	16.43	16.28	16.17	17.50
	100	LOW	64QAM	16.45	16.32	16.26	17.50

LTE B4-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.58	24.54	24.71	25.50
		MID	QPSK	24.59	24.51	24.75	25.50
		HIGH	QPSK	24.60	24.54	24.74	25.50
	3	LOW	QPSK	24.68	24.64	24.86	25.50
		MID	QPSK	24.70	24.64	24.91	25.50
		HIGH	QPSK	24.68	24.63	24.86	25.50
	6	LOW	QPSK	23.73	23.70	23.84	24.50
1.4	1	LOW	Q16	23.77	24.03	23.75	24.50
		MID	Q16	23.80	23.99	23.74	24.50
		HIGH	Q16	23.79	24.02	23.78	24.50
	3	LOW	Q16	23.77	23.88	23.91	24.50
		MID	Q16	23.75	23.83	23.94	24.50
		HIGH	Q16	23.78	23.84	23.91	24.50
	6	LOW	Q16	22.89	22.55	22.97	23.50
1.4	1	LOW	64QAM	22.79	22.91	22.88	23.50
		MID	64QAM	22.94	22.97	22.80	23.50
		HIGH	64QAM	22.74	23.16	22.90	23.50
	3	LOW	64QAM	22.91	23.03	22.93	23.50
		MID	64QAM	22.79	22.87	22.88	23.50
		HIGH	64QAM	22.70	22.71	23.01	23.50
	6	LOW	64QAM	22.02	21.54	22.09	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.37	24.33	24.55	25.50
		MID	QPSK	24.44	24.47	24.58	25.50
		HIGH	QPSK	24.46	24.47	24.85	25.50
	8	LOW	QPSK	23.62	23.74	23.70	24.50
		MID	QPSK	23.74	23.56	23.80	24.50
		HIGH	QPSK	23.54	23.60	23.89	24.50
	15	LOW	QPSK	23.56	23.58	23.87	24.50
3	1	LOW	Q16	24.35	23.64	24.07	24.50
		MID	Q16	24.29	23.99	24.08	24.50
		HIGH	Q16	24.32	23.88	24.22	24.50
	8	LOW	Q16	22.81	22.71	22.66	23.50
		MID	Q16	22.75	22.74	22.66	23.50
		HIGH	Q16	22.69	22.70	22.72	23.50
	15	LOW	Q16	22.61	22.63	22.59	23.50
3	1	LOW	64QAM	23.25	22.75	23.07	23.50
		MID	64QAM	23.43	22.81	23.10	23.50
		HIGH	64QAM	23.38	22.96	23.09	23.50
	8	LOW	64QAM	21.58	21.45	21.69	22.50
		MID	64QAM	21.52	21.70	21.84	22.50
		HIGH	64QAM	21.93	21.50	21.78	22.50
	15	LOW	64QAM	21.80	21.51	21.58	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.50	24.33	24.46	25.50
		MID	QPSK	24.60	24.76	24.57	25.50
		HIGH	QPSK	24.69	24.72	24.62	25.50
	12	LOW	QPSK	23.78	23.68	23.73	24.50
		MID	QPSK	23.85	23.81	23.69	24.50
		HIGH	QPSK	23.84	23.85	23.89	24.50
	25	LOW	QPSK	23.54	23.49	23.83	24.50
5	1	LOW	Q16	24.32	23.78	24.06	24.50
		MID	Q16	24.25	24.09	24.05	24.50
		HIGH	Q16	24.34	23.79	24.05	24.50
	12	LOW	Q16	22.65	22.54	22.73	23.50
		MID	Q16	22.81	22.83	22.85	23.50
		HIGH	Q16	22.67	22.69	22.67	23.50
	25	LOW	Q16	22.82	22.55	22.85	23.50
5	1	LOW	64QAM	23.24	22.56	22.90	23.50
		MID	64QAM	23.45	22.81	22.97	23.50
		HIGH	64QAM	23.38	22.92	23.12	23.50
	12	LOW	64QAM	21.63	21.48	21.66	22.50
		MID	64QAM	21.67	21.59	21.73	22.50
		HIGH	64QAM	21.90	21.55	21.82	22.50
	25	LOW	64QAM	21.70	21.54	21.60	22.50

LTE B4-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.58	24.38	24.57	25.50
		MID	QPSK	24.54	24.68	24.62	25.50
		HIGH	QPSK	24.44	24.57	24.84	25.50
	25	LOW	QPSK	23.72	23.77	23.82	24.50
		MID	QPSK	23.75	23.64	23.78	24.50
		HIGH	QPSK	23.61	23.72	23.82	24.50
	50	LOW	QPSK	23.64	23.67	23.79	24.50
10	1	LOW	Q16	24.16	23.78	23.86	24.50
		MID	Q16	24.39	23.89	23.99	24.50
		HIGH	Q16	24.40	23.75	24.20	24.50
	25	LOW	Q16	22.57	22.69	22.58	23.50
		MID	Q16	22.83	22.85	22.65	23.50
		HIGH	Q16	22.82	22.63	22.79	23.50
	50	LOW	Q16	22.75	22.64	22.87	23.50
10	1	LOW	64QAM	23.46	22.63	22.99	23.50
		MID	64QAM	23.30	23.06	23.14	23.50
		HIGH	64QAM	23.37	22.79	23.13	23.50
	25	LOW	64QAM	21.76	21.49	21.82	22.50
		MID	64QAM	21.52	21.61	21.76	22.50
		HIGH	64QAM	21.86	21.60	21.95	22.50
	50	LOW	64QAM	21.66	21.66	21.58	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.55	24.32	24.42	25.50
		MID	QPSK	24.69	24.60	24.65	25.50
		HIGH	QPSK	24.68	24.51	24.60	25.50
	36	LOW	QPSK	23.75	23.79	23.68	24.50
		MID	QPSK	23.61	23.60	23.86	24.50
		HIGH	QPSK	23.60	23.69	23.94	24.50
	75	LOW	QPSK	23.68	23.73	23.60	24.50
15	1	LOW	Q16	24.29	23.76	23.89	24.50
		MID	Q16	24.18	24.10	24.16	24.50
		HIGH	Q16	24.22	23.84	24.03	24.50
	36	LOW	Q16	22.78	22.58	22.63	23.50
		MID	Q16	22.73	22.70	22.82	23.50
		HIGH	Q16	22.80	22.66	22.82	23.50
	75	LOW	Q16	22.78	22.49	22.87	23.50
15	1	LOW	64QAM	23.41	22.73	23.06	23.50
		MID	64QAM	23.25	22.89	23.03	23.50
		HIGH	64QAM	23.31	22.69	23.13	23.50
	36	LOW	64QAM	21.78	21.41	21.67	22.50
		MID	64QAM	21.59	21.59	21.86	22.50
		HIGH	64QAM	21.96	21.74	21.72	22.50
	75	LOW	64QAM	21.68	21.49	21.68	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.47	24.43	24.68	25.50
		MID	QPSK	24.58	24.62	24.66	25.50
		HIGH	QPSK	24.56	24.57	24.51	25.50
	50	LOW	QPSK	23.69	23.68	23.76	24.50
		MID	QPSK	23.71	23.71	23.77	24.50
		HIGH	QPSK	23.69	23.71	23.75	24.50
	100	LOW	QPSK	23.69	23.64	23.74	24.50
20	1	LOW	Q16	24.20	23.77	23.93	24.50
		MID	Q16	24.30	23.97	24.08	24.50
		HIGH	Q16	24.28	23.88	24.14	24.50
	50	LOW	Q16	22.72	22.66	22.71	23.50
		MID	Q16	22.72	22.70	22.75	23.50
		HIGH	Q16	22.72	22.68	22.74	23.50
	100	LOW	Q16	22.68	22.63	22.73	23.50
20	1	LOW	64QAM	23.33	22.65	23.00	23.50
		MID	64QAM	23.37	22.93	23.01	23.50
		HIGH	64QAM	23.42	22.81	23.03	23.50
	50	LOW	64QAM	21.72	21.51	21.67	22.50
		MID	64QAM	21.58	21.65	21.79	22.50
		HIGH	64QAM	21.85	21.60	21.83	22.50
	100	LOW	64QAM	21.70	21.56	21.61	22.50

LTE B4-DSI1&2 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.58	24.54	24.71	25.50
		MID	QPSK	24.59	24.51	24.75	25.50
		HIGH	QPSK	24.60	24.54	24.74	25.50
	3	LOW	QPSK	24.68	24.64	24.86	25.50
		MID	QPSK	24.70	24.64	24.91	25.50
		HIGH	QPSK	24.68	24.63	24.86	25.50
	6	LOW	QPSK	23.73	23.70	23.84	24.50
1.4	1	LOW	Q16	23.77	24.03	23.75	24.50
		MID	Q16	23.80	23.99	23.74	24.50
		HIGH	Q16	23.79	24.02	23.78	24.50
	3	LOW	Q16	23.77	23.88	23.91	24.50
		MID	Q16	23.75	23.83	23.94	24.50
		HIGH	Q16	23.78	23.84	23.91	24.50
	6	LOW	Q16	22.89	22.55	22.97	23.50
1.4	1	LOW	64QAM	22.79	22.91	22.88	23.50
		MID	64QAM	22.94	22.97	22.80	23.50
		HIGH	64QAM	22.74	23.16	22.90	23.50
	3	LOW	64QAM	22.91	23.03	22.93	23.50
		MID	64QAM	22.79	22.87	22.88	23.50
		HIGH	64QAM	22.70	22.71	23.01	23.50
	6	LOW	64QAM	22.02	21.54	22.09	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.37	24.33	24.55	25.50
		MID	QPSK	24.44	24.47	24.58	25.50
		HIGH	QPSK	24.46	24.47	24.85	25.50
	8	LOW	QPSK	23.62	23.74	23.70	24.50
		MID	QPSK	23.74	23.56	23.80	24.50
		HIGH	QPSK	23.54	23.60	23.89	24.50
	15	LOW	QPSK	23.56	23.58	23.87	24.50
3	1	LOW	Q16	24.35	23.64	24.07	24.50
		MID	Q16	24.29	23.99	24.08	24.50
		HIGH	Q16	24.32	23.88	24.22	24.50
	8	LOW	Q16	22.81	22.71	22.66	23.50
		MID	Q16	22.75	22.74	22.66	23.50
		HIGH	Q16	22.69	22.70	22.72	23.50
	15	LOW	Q16	22.61	22.63	22.59	23.50
3	1	LOW	64QAM	23.25	22.75	23.07	23.50
		MID	64QAM	23.43	22.81	23.10	23.50
		HIGH	64QAM	23.38	22.96	23.09	23.50
	8	LOW	64QAM	21.58	21.45	21.69	22.50
		MID	64QAM	21.52	21.70	21.84	22.50
		HIGH	64QAM	21.93	21.50	21.78	22.50
	15	LOW	64QAM	21.80	21.51	21.58	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.50	24.33	24.46	25.50
		MID	QPSK	24.60	24.76	24.57	25.50
		HIGH	QPSK	24.69	24.72	24.62	25.50
	12	LOW	QPSK	23.78	23.68	23.73	24.50
		MID	QPSK	23.85	23.81	23.69	24.50
		HIGH	QPSK	23.84	23.85	23.89	24.50
	25	LOW	QPSK	23.54	23.49	23.83	24.50
5	1	LOW	Q16	24.32	23.78	24.06	24.50
		MID	Q16	24.25	24.09	24.05	24.50
		HIGH	Q16	24.34	23.79	24.05	24.50
	12	LOW	Q16	22.65	22.54	22.73	23.50
		MID	Q16	22.81	22.83	22.85	23.50
		HIGH	Q16	22.67	22.69	22.67	23.50
	25	LOW	Q16	22.82	22.55	22.85	23.50
5	1	LOW	64QAM	23.24	22.56	22.90	23.50
		MID	64QAM	23.45	22.81	22.97	23.50
		HIGH	64QAM	23.38	22.92	23.12	23.50
	12	LOW	64QAM	21.63	21.48	21.66	22.50
		MID	64QAM	21.67	21.59	21.73	22.50
		HIGH	64QAM	21.90	21.55	21.82	22.50
	25	LOW	64QAM	21.70	21.54	21.60	22.50

LTE B4-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.58	24.38	24.57	25.50
		MID	QPSK	24.54	24.68	24.62	25.50
		HIGH	QPSK	24.44	24.57	24.84	25.50
	25	LOW	QPSK	23.72	23.77	23.82	24.50
		MID	QPSK	23.75	23.64	23.78	24.50
		HIGH	QPSK	23.61	23.72	23.82	24.50
	50	LOW	QPSK	23.64	23.67	23.79	24.50
10	1	LOW	Q16	24.16	23.78	23.86	24.50
		MID	Q16	24.39	23.89	23.99	24.50
		HIGH	Q16	24.40	23.75	24.20	24.50
	25	LOW	Q16	22.57	22.69	22.58	23.50
		MID	Q16	22.83	22.85	22.65	23.50
		HIGH	Q16	22.82	22.63	22.79	23.50
	50	LOW	Q16	22.75	22.64	22.87	23.50
10	1	LOW	64QAM	23.46	22.63	22.99	23.50
		MID	64QAM	23.30	23.06	23.14	23.50
		HIGH	64QAM	23.37	22.79	23.13	23.50
	25	LOW	64QAM	21.76	21.49	21.82	22.50
		MID	64QAM	21.52	21.61	21.76	22.50
		HIGH	64QAM	21.86	21.60	21.95	22.50
	50	LOW	64QAM	21.66	21.66	21.58	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.55	24.32	24.42	25.50
		MID	QPSK	24.69	24.60	24.65	25.50
		HIGH	QPSK	24.68	24.51	24.60	25.50
	36	LOW	QPSK	23.75	23.79	23.68	24.50
		MID	QPSK	23.61	23.60	23.86	24.50
		HIGH	QPSK	23.60	23.69	23.94	24.50
	75	LOW	QPSK	23.68	23.73	23.60	24.50
15	1	LOW	Q16	24.29	23.76	23.89	24.50
		MID	Q16	24.18	24.10	24.16	24.50
		HIGH	Q16	24.22	23.84	24.03	24.50
	36	LOW	Q16	22.78	22.58	22.63	23.50
		MID	Q16	22.73	22.70	22.82	23.50
		HIGH	Q16	22.80	22.66	22.82	23.50
	75	LOW	Q16	22.78	22.49	22.87	23.50
15	1	LOW	64QAM	23.41	22.73	23.06	23.50
		MID	64QAM	23.25	22.89	23.03	23.50
		HIGH	64QAM	23.31	22.69	23.13	23.50
	36	LOW	64QAM	21.78	21.41	21.67	22.50
		MID	64QAM	21.59	21.59	21.86	22.50
		HIGH	64QAM	21.96	21.74	21.72	22.50
	75	LOW	64QAM	21.68	21.49	21.68	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.47	24.43	24.68	25.50
		MID	QPSK	24.58	24.62	24.66	25.50
		HIGH	QPSK	24.56	24.57	24.51	25.50
	50	LOW	QPSK	23.69	23.68	23.76	24.50
		MID	QPSK	23.71	23.71	23.77	24.50
		HIGH	QPSK	23.69	23.71	23.75	24.50
	100	LOW	QPSK	23.69	23.64	23.74	24.50
20	1	LOW	Q16	24.20	23.77	23.93	24.50
		MID	Q16	24.30	23.97	24.08	24.50
		HIGH	Q16	24.28	23.88	24.14	24.50
	50	LOW	Q16	22.72	22.66	22.71	23.50
		MID	Q16	22.72	22.70	22.75	23.50
		HIGH	Q16	22.72	22.68	22.74	23.50
	100	LOW	Q16	22.68	22.63	22.73	23.50
20	1	LOW	64QAM	23.33	22.65	23.00	23.50
		MID	64QAM	23.37	22.93	23.01	23.50
		HIGH	64QAM	23.42	22.81	23.03	23.50
	50	LOW	64QAM	21.72	21.51	21.67	22.50
		MID	64QAM	21.58	21.65	21.79	22.50
		HIGH	64QAM	21.85	21.60	21.83	22.50
	100	LOW	64QAM	21.70	21.56	21.61	22.50

LTE B4-DSI3&4-ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.16	20.03	20.07	21.50
		MID	QPSK	20.16	20.03	20.09	21.50
		HIGH	QPSK	20.17	20.03	20.10	21.50
	3	LOW	QPSK	20.19	20.13	20.17	21.50
		MID	QPSK	20.21	20.17	20.23	21.50
		HIGH	QPSK	20.17	20.10	20.20	21.50
	6	LOW	QPSK	20.20	20.13	20.16	21.50
1.4	1	LOW	Q16	20.36	20.53	20.12	21.50
		MID	Q16	20.36	20.53	20.12	21.50
		HIGH	Q16	20.35	20.54	20.13	21.50
	3	LOW	Q16	20.25	20.38	20.28	21.50
		MID	Q16	20.25	20.36	20.30	21.50
		HIGH	Q16	20.27	20.35	20.29	21.50
	6	LOW	Q16	20.34	20.08	20.33	21.50
1.4	1	LOW	64QAM	20.27	20.57	20.22	21.50
		MID	64QAM	20.50	20.41	19.99	21.50
		HIGH	64QAM	20.43	20.55	20.19	21.50
	3	LOW	64QAM	20.19	20.38	20.37	21.50
		MID	64QAM	20.19	20.29	20.31	21.50
		HIGH	64QAM	20.22	20.20	20.44	21.50
	6	LOW	64QAM	20.41	19.99	20.20	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.22	20.24	19.94	21.50
		MID	QPSK	20.27	20.27	20.15	21.50
		HIGH	QPSK	20.03	20.18	19.97	21.50
	8	LOW	QPSK	20.31	20.09	20.15	21.50
		MID	QPSK	20.16	20.19	20.37	21.50
		HIGH	QPSK	20.17	20.30	20.06	21.50
	15	LOW	QPSK	20.19	20.08	20.32	21.50
3	1	LOW	Q16	20.59	20.49	20.54	21.50
		MID	Q16	20.77	20.68	20.57	21.50
		HIGH	Q16	20.77	20.56	20.49	21.50
	8	LOW	Q16	20.28	20.12	20.27	21.50
		MID	Q16	20.29	20.13	20.10	21.50
		HIGH	Q16	20.09	20.08	20.24	21.50
	15	LOW	Q16	20.20	20.10	20.18	21.50
3	1	LOW	64QAM	20.54	20.41	20.33	21.50
		MID	64QAM	20.77	20.64	20.70	21.50
		HIGH	64QAM	20.86	20.63	20.65	21.50
	8	LOW	64QAM	19.94	20.02	20.15	21.50
		MID	64QAM	20.27	20.13	20.22	21.50
		HIGH	64QAM	20.39	20.18	20.11	21.50
	15	LOW	64QAM	20.07	20.37	20.14	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.04	20.09	19.88	21.50
		MID	QPSK	20.36	20.16	20.04	21.50
		HIGH	QPSK	19.99	20.24	20.17	21.50
	12	LOW	QPSK	20.09	20.19	20.06	21.50
		MID	QPSK	20.20	20.12	20.31	21.50
		HIGH	QPSK	20.27	20.21	20.13	21.50
	25	LOW	QPSK	20.26	20.23	20.11	21.50
5	1	LOW	Q16	20.78	20.66	20.31	21.50
		MID	Q16	20.81	20.75	20.60	21.50
		HIGH	Q16	20.68	20.67	20.40	21.50
	12	LOW	Q16	20.04	20.06	20.33	21.50
		MID	Q16	20.20	20.36	20.15	21.50
		HIGH	Q16	20.20	20.14	20.30	21.50
	25	LOW	Q16	20.28	20.25	20.08	21.50
5	1	LOW	64QAM	20.65	20.33	20.46	21.50
		MID	64QAM	20.90	20.51	20.54	21.50
		HIGH	64QAM	20.71	20.60	20.56	21.50
	12	LOW	64QAM	20.05	20.22	20.38	21.50
		MID	64QAM	20.34	20.20	20.19	21.50
		HIGH	64QAM	20.18	20.17	20.10	21.50
	25	LOW	64QAM	20.09	20.14	20.19	21.50

LTE B4-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.02	20.02	20.09	21.50
		MID	QPSK	20.39	20.05	20.00	21.50
		HIGH	QPSK	20.10	20.08	20.05	21.50
	25	LOW	QPSK	20.07	20.11	20.08	21.50
		MID	QPSK	20.17	20.08	20.20	21.50
		HIGH	QPSK	20.30	20.08	20.09	21.50
	50	LOW	QPSK	20.12	20.17	20.17	21.50
10	1	LOW	Q16	20.56	20.60	20.46	21.50
		MID	Q16	20.65	20.67	20.69	21.50
		HIGH	Q16	20.92	20.67	20.59	21.50
	25	LOW	Q16	20.06	20.34	20.19	21.50
		MID	Q16	20.40	20.12	20.09	21.50
		HIGH	Q16	20.31	20.35	20.21	21.50
	50	LOW	Q16	20.08	20.33	20.22	21.50
10	1	LOW	64QAM	20.51	20.35	20.58	21.50
		MID	64QAM	20.77	20.56	20.78	21.50
		HIGH	64QAM	20.77	20.56	20.54	21.50
	25	LOW	64QAM	20.21	20.25	20.13	21.50
		MID	64QAM	20.41	20.18	20.04	21.50
		HIGH	64QAM	20.18	20.03	20.15	21.50
	50	LOW	64QAM	20.25	20.26	20.32	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.01	19.95	20.04	21.50
		MID	QPSK	20.23	20.07	20.23	21.50
		HIGH	QPSK	20.03	20.04	20.26	21.50
	36	LOW	QPSK	20.09	20.16	20.09	21.50
		MID	QPSK	20.28	20.09	20.12	21.50
		HIGH	QPSK	20.26	20.02	20.24	21.50
	75	LOW	QPSK	20.05	20.30	20.27	21.50
15	1	LOW	Q16	20.54	20.46	20.32	21.50
		MID	Q16	20.78	20.70	20.66	21.50
		HIGH	Q16	20.77	20.56	20.47	21.50
	36	LOW	Q16	20.27	20.05	20.30	21.50
		MID	Q16	20.39	20.16	20.34	21.50
		HIGH	Q16	20.37	20.32	20.16	21.50
	75	LOW	Q16	20.22	20.27	20.23	21.50
15	1	LOW	64QAM	20.54	20.47	20.56	21.50
		MID	64QAM	20.96	20.69	20.71	21.50
		HIGH	64QAM	20.79	20.71	20.58	21.50
	36	LOW	64QAM	19.99	20.20	20.23	21.50
		MID	64QAM	20.24	20.25	20.13	21.50
		HIGH	64QAM	20.28	20.23	20.11	21.50
	75	LOW	64QAM	20.08	20.38	20.16	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.10	20.09	20.35	21.50
		MID	QPSK	20.27	20.20	20.12	21.50
		HIGH	QPSK	20.14	20.17	20.12	21.50
	50	LOW	QPSK	20.16	20.19	20.21	21.50
		MID	QPSK	20.22	20.17	20.23	21.50
		HIGH	QPSK	20.18	20.15	20.18	21.50
	100	LOW	QPSK	20.17	20.17	20.21	21.50
20	1	LOW	Q16	20.68	20.51	20.46	21.50
		MID	Q16	20.80	20.62	20.55	21.50
		HIGH	Q16	20.78	20.54	20.53	21.50
	50	LOW	Q16	20.18	20.19	20.19	21.50
		MID	Q16	20.26	20.24	20.20	21.50
		HIGH	Q16	20.22	20.21	20.15	21.50
	100	LOW	Q16	20.21	20.18	20.19	21.50
20	1	LOW	64QAM	20.62	20.48	20.48	21.50
		MID	64QAM	20.89	20.62	20.69	21.50
		HIGH	64QAM	20.79	20.63	20.59	21.50
	50	LOW	64QAM	20.06	20.11	20.25	21.50
		MID	64QAM	20.29	20.16	20.11	21.50
		HIGH	64QAM	20.33	20.08	20.05	21.50
	100	LOW	64QAM	20.18	20.27	20.27	21.50

8.3.3 LTE Band5 Output Power

LTE B5-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.23	24.15	24.22	25.50
		MID	QPSK	24.21	24.14	24.18	25.50
		HIGH	QPSK	24.21	24.15	24.16	25.50
	3	LOW	QPSK	24.27	24.25	24.38	25.50
		MID	QPSK	24.29	24.24	24.42	25.50
		HIGH	QPSK	24.28	24.23	24.34	25.50
	6	LOW	QPSK	23.23	23.29	23.31	24.50
1.4	1	LOW	Q16	23.37	23.62	23.31	24.50
		MID	Q16	23.41	23.61	23.25	24.50
		HIGH	Q16	23.38	23.64	23.25	24.50
	3	LOW	Q16	23.28	23.49	23.45	24.50
		MID	Q16	23.29	23.43	23.41	24.50
		HIGH	Q16	23.32	23.43	23.38	24.50
	6	LOW	Q16	22.28	22.15	22.45	23.50
1.4	1	LOW	64QAM	22.24	22.47	22.39	23.50
		MID	64QAM	22.55	22.67	22.39	23.50
		HIGH	64QAM	22.29	22.72	22.16	23.50
	3	LOW	64QAM	22.42	22.48	22.52	23.50
		MID	64QAM	22.38	22.50	22.32	23.50
		HIGH	64QAM	22.46	22.40	22.42	23.50
	6	LOW	64QAM	21.14	21.21	21.45	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.19	24.22	25.50
		MID	QPSK	24.28	24.33	24.42	25.50
		HIGH	QPSK	24.23	24.19	24.37	25.50
	8	LOW	QPSK	23.05	23.23	23.41	24.50
		MID	QPSK	23.41	23.16	23.28	24.50
		HIGH	QPSK	23.35	23.08	23.16	24.50
	15	LOW	QPSK	23.39	23.33	23.38	24.50
3	1	LOW	Q16	23.15	23.45	23.24	24.50
		MID	Q16	23.24	23.47	23.36	24.50
		HIGH	Q16	23.00	23.68	23.37	24.50
	8	LOW	Q16	22.05	22.40	22.41	23.50
		MID	Q16	22.25	22.29	22.39	23.50
		HIGH	Q16	22.30	22.22	22.38	23.50
	15	LOW	Q16	22.19	22.11	22.30	23.50
3	1	LOW	64QAM	22.26	22.59	22.15	23.50
		MID	64QAM	22.08	22.60	22.29	23.50
		HIGH	64QAM	22.17	22.40	22.28	23.50
	8	LOW	64QAM	21.14	21.23	21.58	22.50
		MID	64QAM	21.32	21.26	21.28	22.50
		HIGH	64QAM	21.26	21.15	21.33	22.50
	15	LOW	64QAM	21.43	21.22	21.35	22.50

LTE B5-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.17	24.19	24.29	25.50
		MID	QPSK	24.33	24.13	24.47	25.50
		HIGH	QPSK	24.28	24.33	24.24	25.50
	12	LOW	QPSK	23.22	23.20	23.25	24.50
		MID	QPSK	23.21	23.26	23.21	24.50
		HIGH	QPSK	23.19	23.32	23.12	24.50
	25	LOW	QPSK	23.42	23.39	23.26	24.50
5	1	LOW	Q16	23.08	23.52	23.03	24.50
		MID	Q16	23.21	23.65	23.14	24.50
		HIGH	Q16	23.02	23.73	23.38	24.50
	12	LOW	Q16	22.27	22.38	22.59	23.50
		MID	Q16	22.39	22.39	22.47	23.50
		HIGH	Q16	22.12	22.31	22.35	23.50
	25	LOW	Q16	22.11	22.12	22.38	23.50
5	1	LOW	64QAM	21.99	22.69	22.17	23.50
		MID	64QAM	21.96	22.56	22.08	23.50
		HIGH	64QAM	22.27	22.41	22.19	23.50
	12	LOW	64QAM	21.10	21.37	21.55	22.50
		MID	64QAM	21.18	21.20	21.31	22.50
		HIGH	64QAM	21.22	20.98	21.31	22.50
	25	LOW	64QAM	21.31	21.32	21.27	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.20	24.21	24.21	25.50
		MID	QPSK	24.28	24.26	24.32	25.50
		HIGH	QPSK	24.30	24.26	24.26	25.50
	25	LOW	QPSK	23.20	23.26	23.36	24.50
		MID	QPSK	23.27	23.25	23.34	24.50
		HIGH	QPSK	23.25	23.21	23.24	24.50
	50	LOW	QPSK	23.27	23.27	23.33	24.50
10	1	LOW	Q16	23.09	23.56	23.17	24.50
		MID	Q16	23.14	23.62	23.29	24.50
		HIGH	Q16	23.14	23.63	23.26	24.50
	25	LOW	Q16	22.20	22.32	22.44	23.50
		MID	Q16	22.26	22.30	22.42	23.50
		HIGH	Q16	22.27	22.24	22.32	23.50
	50	LOW	Q16	22.20	22.26	22.31	23.50
10	1	LOW	64QAM	22.13	22.55	22.05	23.50
		MID	64QAM	22.06	22.70	22.20	23.50
		HIGH	64QAM	22.19	22.54	22.33	23.50
	25	LOW	64QAM	21.10	21.32	21.53	22.50
		MID	64QAM	21.19	21.27	21.43	22.50
		HIGH	64QAM	21.15	21.12	21.20	22.50
	50	LOW	64QAM	21.29	21.19	21.25	22.50

LTE B5-DSI1&2&3&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.23	24.15	24.22	25.50
		MID	QPSK	24.21	24.14	24.18	25.50
		HIGH	QPSK	24.21	24.15	24.16	25.50
	3	LOW	QPSK	24.27	24.25	24.38	25.50
		MID	QPSK	24.29	24.24	24.42	25.50
		HIGH	QPSK	24.28	24.23	24.34	25.50
	6	LOW	QPSK	23.23	23.29	23.31	24.50
1.4	1	LOW	Q16	23.37	23.62	23.31	24.50
		MID	Q16	23.41	23.61	23.25	24.50
		HIGH	Q16	23.38	23.64	23.25	24.50
	3	LOW	Q16	23.28	23.49	23.45	24.50
		MID	Q16	23.29	23.43	23.41	24.50
		HIGH	Q16	23.32	23.43	23.38	24.50
	6	LOW	Q16	22.28	22.15	22.45	23.50
1.4	1	LOW	64QAM	22.24	22.47	22.39	23.50
		MID	64QAM	22.55	22.67	22.39	23.50
		HIGH	64QAM	22.29	22.72	22.16	23.50
	3	LOW	64QAM	22.42	22.48	22.52	23.50
		MID	64QAM	22.38	22.50	22.32	23.50
		HIGH	64QAM	22.46	22.40	22.42	23.50
	6	LOW	64QAM	21.14	21.21	21.45	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.19	24.22	25.50
		MID	QPSK	24.28	24.33	24.42	25.50
		HIGH	QPSK	24.23	24.19	24.37	25.50
	8	LOW	QPSK	23.05	23.23	23.41	24.50
		MID	QPSK	23.41	23.16	23.28	24.50
		HIGH	QPSK	23.35	23.08	23.16	24.50
	15	LOW	QPSK	23.39	23.33	23.38	24.50
3	1	LOW	Q16	23.15	23.45	23.24	24.50
		MID	Q16	23.24	23.47	23.36	24.50
		HIGH	Q16	23.00	23.68	23.37	24.50
	8	LOW	Q16	22.05	22.40	22.41	23.50
		MID	Q16	22.25	22.29	22.39	23.50
		HIGH	Q16	22.30	22.22	22.38	23.50
	15	LOW	Q16	22.19	22.11	22.30	23.50
3	1	LOW	64QAM	22.26	22.59	22.15	23.50
		MID	64QAM	22.08	22.60	22.29	23.50
		HIGH	64QAM	22.17	22.40	22.28	23.50
	8	LOW	64QAM	21.14	21.23	21.58	22.50
		MID	64QAM	21.32	21.26	21.28	22.50
		HIGH	64QAM	21.26	21.15	21.33	22.50
	15	LOW	64QAM	21.43	21.22	21.35	22.50

LTE B5-DSI1&2&3&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.17	24.19	24.29	25.50
		MID	QPSK	24.33	24.13	24.47	25.50
		HIGH	QPSK	24.28	24.33	24.24	25.50
	12	LOW	QPSK	23.22	23.20	23.25	24.50
		MID	QPSK	23.21	23.26	23.21	24.50
		HIGH	QPSK	23.19	23.32	23.12	24.50
	25	LOW	QPSK	23.42	23.39	23.26	24.50
5	1	LOW	Q16	23.08	23.52	23.03	24.50
		MID	Q16	23.21	23.65	23.14	24.50
		HIGH	Q16	23.02	23.73	23.38	24.50
	12	LOW	Q16	22.27	22.38	22.59	23.50
		MID	Q16	22.39	22.39	22.47	23.50
		HIGH	Q16	22.12	22.31	22.35	23.50
	25	LOW	Q16	22.11	22.12	22.38	23.50
5	1	LOW	64QAM	21.99	22.69	22.17	23.50
		MID	64QAM	21.96	22.56	22.08	23.50
		HIGH	64QAM	22.27	22.41	22.19	23.50
	12	LOW	64QAM	21.10	21.37	21.55	22.50
		MID	64QAM	21.18	21.20	21.31	22.50
		HIGH	64QAM	21.22	20.98	21.31	22.50
	25	LOW	64QAM	21.31	21.32	21.27	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.20	24.21	24.21	25.50
		MID	QPSK	24.28	24.26	24.32	25.50
		HIGH	QPSK	24.30	24.26	24.26	25.50
	25	LOW	QPSK	23.20	23.26	23.36	24.50
		MID	QPSK	23.27	23.25	23.34	24.50
		HIGH	QPSK	23.25	23.21	23.24	24.50
	50	LOW	QPSK	23.27	23.27	23.33	24.50
10	1	LOW	Q16	23.09	23.56	23.17	24.50
		MID	Q16	23.14	23.62	23.29	24.50
		HIGH	Q16	23.14	23.63	23.26	24.50
	25	LOW	Q16	22.20	22.32	22.44	23.50
		MID	Q16	22.26	22.30	22.42	23.50
		HIGH	Q16	22.27	22.24	22.32	23.50
	50	LOW	Q16	22.20	22.26	22.31	23.50
10	1	LOW	64QAM	22.13	22.55	22.05	23.50
		MID	64QAM	22.06	22.70	22.20	23.50
		HIGH	64QAM	22.19	22.54	22.33	23.50
	25	LOW	64QAM	21.10	21.32	21.53	22.50
		MID	64QAM	21.19	21.27	21.43	22.50
		HIGH	64QAM	21.15	21.12	21.20	22.50
	50	LOW	64QAM	21.29	21.19	21.25	22.50

LTE B5-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.33	24.27	24.30	25.50
		MID	QPSK	24.34	24.27	24.28	25.50
		HIGH	QPSK	24.30	24.30	24.28	25.50
	3	LOW	QPSK	24.42	24.35	24.48	25.50
		MID	QPSK	24.40	24.37	24.46	25.50
		HIGH	QPSK	24.41	24.34	24.43	25.50
	6	LOW	QPSK	23.35	23.39	23.43	24.50
1.4	1	LOW	Q16	23.50	23.77	23.45	24.50
		MID	Q16	23.52	23.75	23.38	24.50
		HIGH	Q16	23.50	23.76	23.37	24.50
	3	LOW	Q16	23.40	23.63	23.57	24.50
		MID	Q16	23.38	23.59	23.54	24.50
		HIGH	Q16	23.44	23.57	23.51	24.50
	6	LOW	Q16	22.43	22.27	22.54	23.50
1.4	1	LOW	64QAM	22.36	22.82	22.46	23.50
		MID	64QAM	22.60	22.78	22.30	23.50
		HIGH	64QAM	22.57	22.67	22.35	23.50
	3	LOW	64QAM	22.29	22.61	22.46	23.50
		MID	64QAM	22.50	22.73	22.44	23.50
		HIGH	64QAM	22.58	22.58	22.54	23.50
	6	LOW	64QAM	21.39	21.38	21.48	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.23	24.47	24.33	25.50
		MID	QPSK	24.54	24.24	24.41	25.50
		HIGH	QPSK	24.51	24.38	24.26	25.50
	8	LOW	QPSK	23.39	23.30	23.46	24.50
		MID	QPSK	23.49	23.46	23.34	24.50
		HIGH	QPSK	23.32	23.48	23.39	24.50
	15	LOW	QPSK	23.51	23.52	23.51	24.50
3	1	LOW	Q16	23.14	23.64	23.43	24.50
		MID	Q16	23.21	23.82	23.27	24.50
		HIGH	Q16	23.38	23.78	23.46	24.50
	8	LOW	Q16	22.31	22.32	22.48	23.50
		MID	Q16	22.36	22.51	22.49	23.50
		HIGH	Q16	22.35	22.37	22.42	23.50
	15	LOW	Q16	22.48	22.51	22.48	23.50
3	1	LOW	64QAM	22.22	22.71	22.32	23.50
		MID	64QAM	22.47	22.82	22.48	23.50
		HIGH	64QAM	22.37	23.07	22.58	23.50
	8	LOW	64QAM	21.51	21.43	21.65	22.50
		MID	64QAM	21.39	21.39	21.53	22.50
		HIGH	64QAM	21.48	21.34	21.66	22.50
	15	LOW	64QAM	21.60	21.42	21.48	22.50

LTE B5-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.50	24.50	24.48	25.50
		MID	QPSK	24.44	24.52	24.49	25.50
		HIGH	QPSK	24.54	24.45	24.35	25.50
	12	LOW	QPSK	23.31	23.47	23.41	24.50
		MID	QPSK	23.57	23.34	23.41	24.50
		HIGH	QPSK	23.44	23.46	23.51	24.50
	25	LOW	QPSK	23.42	23.32	23.42	24.50
5	1	LOW	Q16	23.28	23.69	23.38	24.50
		MID	Q16	23.23	23.71	23.50	24.50
		HIGH	Q16	23.41	23.78	23.28	24.50
	12	LOW	Q16	22.38	22.43	22.62	23.50
		MID	Q16	22.32	22.40	22.60	23.50
		HIGH	Q16	22.49	22.25	22.32	23.50
	25	LOW	Q16	22.23	22.55	22.55	23.50
5	1	LOW	64QAM	22.41	22.73	22.49	23.50
		MID	64QAM	22.46	22.62	22.52	23.50
		HIGH	64QAM	22.30	22.85	22.45	23.50
	12	LOW	64QAM	21.23	21.62	21.71	22.50
		MID	64QAM	21.57	21.33	21.52	22.50
		HIGH	64QAM	21.49	21.39	21.62	22.50
	25	LOW	64QAM	21.61	21.51	21.19	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.36	24.36	24.37	25.50
		MID	QPSK	24.40	24.38	24.46	25.50
		HIGH	QPSK	24.45	24.39	24.41	25.50
	25	LOW	QPSK	23.35	23.40	23.51	24.50
		MID	QPSK	23.42	23.41	23.47	24.50
		HIGH	QPSK	23.39	23.34	23.39	24.50
	50	LOW	QPSK	23.40	23.40	23.49	24.50
10	1	LOW	Q16	23.23	23.75	23.33	24.50
		MID	Q16	23.32	23.76	23.40	24.50
		HIGH	Q16	23.31	23.78	23.41	24.50
	25	LOW	Q16	22.36	22.43	22.60	23.50
		MID	Q16	22.45	22.43	22.54	23.50
		HIGH	Q16	22.44	22.37	22.44	23.50
	50	LOW	Q16	22.36	22.41	22.47	23.50
10	1	LOW	64QAM	22.26	22.65	22.42	23.50
		MID	64QAM	22.37	22.70	22.51	23.50
		HIGH	64QAM	22.37	22.92	22.45	23.50
	25	LOW	64QAM	21.38	21.48	21.67	22.50
		MID	64QAM	21.45	21.33	21.44	22.50
		HIGH	64QAM	21.40	21.41	21.52	22.50
	50	LOW	64QAM	21.51	21.41	21.33	22.50

LTE B5-DSI1&2&3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.33	24.27	24.30	25.50
		MID	QPSK	24.34	24.27	24.28	25.50
		HIGH	QPSK	24.30	24.30	24.28	25.50
	3	LOW	QPSK	24.42	24.35	24.48	25.50
		MID	QPSK	24.40	24.37	24.46	25.50
		HIGH	QPSK	24.41	24.34	24.43	25.50
	6	LOW	QPSK	23.35	23.39	23.43	24.50
1.4	1	LOW	Q16	23.50	23.77	23.45	24.50
		MID	Q16	23.52	23.75	23.38	24.50
		HIGH	Q16	23.50	23.76	23.37	24.50
	3	LOW	Q16	23.40	23.63	23.57	24.50
		MID	Q16	23.38	23.59	23.54	24.50
		HIGH	Q16	23.44	23.57	23.51	24.50
	6	LOW	Q16	22.43	22.27	22.54	23.50
1.4	1	LOW	64QAM	22.36	22.82	22.46	23.50
		MID	64QAM	22.60	22.78	22.30	23.50
		HIGH	64QAM	22.57	22.67	22.35	23.50
	3	LOW	64QAM	22.29	22.61	22.46	23.50
		MID	64QAM	22.50	22.73	22.44	23.50
		HIGH	64QAM	22.58	22.58	22.54	23.50
	6	LOW	64QAM	21.39	21.38	21.48	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.23	24.47	24.33	25.50
		MID	QPSK	24.54	24.24	24.41	25.50
		HIGH	QPSK	24.51	24.38	24.26	25.50
	8	LOW	QPSK	23.39	23.30	23.46	24.50
		MID	QPSK	23.49	23.46	23.34	24.50
		HIGH	QPSK	23.32	23.48	23.39	24.50
	15	LOW	QPSK	23.51	23.52	23.51	24.50
3	1	LOW	Q16	23.14	23.64	23.43	24.50
		MID	Q16	23.21	23.82	23.27	24.50
		HIGH	Q16	23.38	23.78	23.46	24.50
	8	LOW	Q16	22.31	22.32	22.48	23.50
		MID	Q16	22.36	22.51	22.49	23.50
		HIGH	Q16	22.35	22.37	22.42	23.50
	15	LOW	Q16	22.48	22.51	22.48	23.50
3	1	LOW	64QAM	22.22	22.71	22.32	23.50
		MID	64QAM	22.47	22.82	22.48	23.50
		HIGH	64QAM	22.37	23.07	22.58	23.50
	8	LOW	64QAM	21.51	21.43	21.65	22.50
		MID	64QAM	21.39	21.39	21.53	22.50
		HIGH	64QAM	21.48	21.34	21.66	22.50
	15	LOW	64QAM	21.60	21.42	21.48	22.50

LTE B5-DSI1&2&3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.50	24.50	24.48	25.50
		MID	QPSK	24.44	24.52	24.49	25.50
		HIGH	QPSK	24.54	24.45	24.35	25.50
	12	LOW	QPSK	23.31	23.47	23.41	24.50
		MID	QPSK	23.57	23.34	23.41	24.50
		HIGH	QPSK	23.44	23.46	23.51	24.50
	25	LOW	QPSK	23.42	23.32	23.42	24.50
5	1	LOW	Q16	23.28	23.69	23.38	24.50
		MID	Q16	23.23	23.71	23.50	24.50
		HIGH	Q16	23.41	23.78	23.28	24.50
	12	LOW	Q16	22.38	22.43	22.62	23.50
		MID	Q16	22.32	22.40	22.60	23.50
		HIGH	Q16	22.49	22.25	22.32	23.50
	25	LOW	Q16	22.23	22.55	22.55	23.50
5	1	LOW	64QAM	22.41	22.73	22.49	23.50
		MID	64QAM	22.46	22.62	22.52	23.50
		HIGH	64QAM	22.30	22.85	22.45	23.50
	12	LOW	64QAM	21.23	21.62	21.71	22.50
		MID	64QAM	21.57	21.33	21.52	22.50
		HIGH	64QAM	21.49	21.39	21.62	22.50
	25	LOW	64QAM	21.61	21.51	21.19	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.36	24.36	24.37	25.50
		MID	QPSK	24.40	24.38	24.46	25.50
		HIGH	QPSK	24.45	24.39	24.41	25.50
	25	LOW	QPSK	23.35	23.40	23.51	24.50
		MID	QPSK	23.42	23.41	23.47	24.50
		HIGH	QPSK	23.39	23.34	23.39	24.50
	50	LOW	QPSK	23.40	23.40	23.49	24.50
10	1	LOW	Q16	23.23	23.75	23.33	24.50
		MID	Q16	23.32	23.76	23.40	24.50
		HIGH	Q16	23.31	23.78	23.41	24.50
	25	LOW	Q16	22.36	22.43	22.60	23.50
		MID	Q16	22.45	22.43	22.54	23.50
		HIGH	Q16	22.44	22.37	22.44	23.50
	50	LOW	Q16	22.36	22.41	22.47	23.50
10	1	LOW	64QAM	22.26	22.65	22.42	23.50
		MID	64QAM	22.37	22.70	22.51	23.50
		HIGH	64QAM	22.37	22.92	22.45	23.50
	25	LOW	64QAM	21.38	21.48	21.67	22.50
		MID	64QAM	21.45	21.33	21.44	22.50
		HIGH	64QAM	21.40	21.41	21.52	22.50
	50	LOW	64QAM	21.51	21.41	21.33	22.50

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.66	23.74	23.92	24.50
		MID	QPSK	23.88	23.85	23.61	24.50
		HIGH	QPSK	23.82	23.72	23.56	24.50
	12	LOW	QPSK	23.14	23.04	22.97	23.50
		MID	QPSK	23.13	22.95	22.98	23.50
		HIGH	QPSK	23.11	22.91	22.92	23.50
	25	LOW	QPSK	23.08	22.94	22.96	23.50
5	1	LOW	Q16	23.18	22.63	22.88	23.50
		MID	Q16	23.07	23.44	22.77	23.50
		HIGH	Q16	23.12	23.31	22.67	23.50
	12	LOW	Q16	22.17	22.15	22.06	22.50
		MID	Q16	22.16	22.10	22.04	22.50
		HIGH	Q16	22.22	22.06	21.98	22.50
	25	LOW	Q16	22.17	22.08	21.99	22.50
5	1	LOW	64QAM	22.17	21.70	21.88	22.50
		MID	64QAM	21.97	22.44	21.86	22.50
		HIGH	64QAM	22.04	22.29	21.77	22.50
	12	LOW	64QAM	21.28	21.28	21.08	21.50
		MID	64QAM	21.17	21.23	21.00	21.50
		HIGH	64QAM	21.36	21.12	21.07	21.50
	25	LOW	64QAM	21.19	21.15	21.05	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	24.09	23.81	24.50
		MID	QPSK	24.07	23.79	23.66	24.50
		HIGH	QPSK	24.19	23.78	23.76	24.50
	25	LOW	QPSK	22.93	23.10	22.91	23.50
		MID	QPSK	23.26	23.17	23.00	23.50
		HIGH	QPSK	23.14	22.92	22.97	23.50
	50	LOW	QPSK	22.95	23.15	22.88	23.50
10	1	LOW	Q16	23.36	22.67	22.73	23.50
		MID	Q16	22.62	22.75	22.97	23.50
		HIGH	Q16	23.26	22.64	22.67	23.50
	25	LOW	Q16	21.98	22.19	21.81	22.50
		MID	Q16	21.95	22.10	22.09	22.50
		HIGH	Q16	22.24	22.10	21.91	22.50
	50	LOW	Q16	22.15	21.94	22.05	22.50
10	1	LOW	64QAM	22.10	21.80	21.95	22.50
		MID	64QAM	21.74	21.73	22.08	22.50
		HIGH	64QAM	22.40	21.78	21.66	22.50
	25	LOW	64QAM	21.14	21.00	20.97	21.50
		MID	64QAM	21.24	20.88	21.02	21.50
		HIGH	64QAM	21.04	21.12	20.97	21.50
	50	LOW	64QAM	21.12	21.02	20.71	21.50

LTE B7-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.61	24.10	23.92	24.50
		MID	QPSK	24.31	23.97	23.52	24.50
		HIGH	QPSK	24.30	23.69	23.54	24.50
	36	LOW	QPSK	23.02	22.99	23.00	23.50
		MID	QPSK	23.00	23.15	22.86	23.50
		HIGH	QPSK	22.99	22.91	22.87	23.50
	75	LOW	QPSK	22.96	23.13	23.06	23.50
15	1	LOW	Q16	23.37	22.63	22.90	23.50
		MID	Q16	22.56	22.87	22.84	23.50
		HIGH	Q16	23.21	22.73	22.54	23.50
	36	LOW	Q16	22.03	22.14	22.06	22.50
		MID	Q16	22.10	21.93	22.07	22.50
		HIGH	Q16	22.28	21.95	22.03	22.50
	75	LOW	Q16	22.23	21.96	21.82	22.50
15	1	LOW	64QAM	22.35	21.89	21.82	22.50
		MID	64QAM	21.60	21.85	22.01	22.50
		HIGH	64QAM	22.44	21.72	21.63	22.50
	36	LOW	64QAM	21.30	20.96	21.04	21.50
		MID	64QAM	21.15	21.05	20.99	21.50
		HIGH	64QAM	21.21	21.07	20.93	21.50
	75	LOW	64QAM	21.23	21.09	20.75	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.69	24.18	23.89	24.50
		MID	QPSK	24.17	23.83	23.61	24.50
		HIGH	QPSK	24.24	23.79	23.67	24.50
	50	LOW	QPSK	23.03	23.04	23.02	23.50
		MID	QPSK	23.12	23.05	23.01	23.50
		HIGH	QPSK	23.13	22.94	22.96	23.50
	100	LOW	QPSK	23.05	23.01	22.99	23.50
20	1	LOW	Q16	23.26	22.62	22.87	23.50
		MID	Q16	22.66	22.73	22.97	23.50
		HIGH	Q16	23.36	22.70	22.66	23.50
	50	LOW	Q16	22.05	22.05	21.96	22.50
		MID	Q16	22.10	22.05	21.99	22.50
		HIGH	Q16	22.14	21.97	21.92	22.50
	100	LOW	Q16	22.10	21.98	21.93	22.50
20	1	LOW	64QAM	22.23	21.77	21.93	22.50
		MID	64QAM	21.60	21.85	21.94	22.50
		HIGH	64QAM	22.43	21.74	21.72	22.50
	50	LOW	64QAM	21.15	20.97	20.94	21.50
		MID	64QAM	21.10	20.92	20.99	21.50
		HIGH	64QAM	21.10	21.00	20.90	21.50
	100	LOW	64QAM	21.23	21.09	20.82	21.50

LTE B7-DSI1 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.94	15.79	15.77	17.50
		MID	QPSK	16.09	15.97	16.06	17.50
		HIGH	QPSK	15.99	15.80	15.92	17.50
	12	LOW	QPSK	16.12	15.98	16.20	17.50
		MID	QPSK	16.30	16.07	16.25	17.50
		HIGH	QPSK	16.06	16.08	16.03	17.50
	25	LOW	QPSK	16.22	16.15	16.01	17.50
5	1	LOW	Q16	16.55	16.26	16.27	17.50
		MID	Q16	16.65	16.57	16.63	17.50
		HIGH	Q16	16.46	16.44	16.39	17.50
	12	LOW	Q16	16.15	16.14	16.07	17.50
		MID	Q16	16.09	16.06	16.29	17.50
		HIGH	Q16	16.12	16.20	16.27	17.50
	25	LOW	Q16	16.13	15.96	16.28	17.50
5	1	LOW	64QAM	16.61	16.40	16.39	17.50
		MID	64QAM	16.64	16.59	16.76	17.50
		HIGH	64QAM	16.44	16.53	16.30	17.50
	12	LOW	64QAM	16.14	16.11	16.01	17.50
		MID	64QAM	16.06	16.06	16.44	17.50
		HIGH	64QAM	16.02	16.29	16.28	17.50
	25	LOW	64QAM	16.14	15.89	16.26	17.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.74	15.86	15.93	17.50
		MID	QPSK	16.09	16.13	15.98	17.50
		HIGH	QPSK	15.82	15.97	16.10	17.50
	25	LOW	QPSK	16.19	16.12	16.20	17.50
		MID	QPSK	16.03	16.05	16.09	17.50
		HIGH	QPSK	16.14	15.98	16.18	17.50
	50	LOW	QPSK	16.17	16.03	16.26	17.50
10	1	LOW	Q16	16.49	16.31	16.51	17.50
		MID	Q16	16.84	16.43	16.40	17.50
		HIGH	Q16	16.49	16.51	16.60	17.50
	25	LOW	Q16	16.14	16.16	16.15	17.50
		MID	Q16	16.29	16.17	16.34	17.50
		HIGH	Q16	16.30	16.04	16.09	17.50
	50	LOW	Q16	16.26	15.99	16.26	17.50
10	1	LOW	64QAM	16.53	16.23	16.31	17.50
		MID	64QAM	16.73	16.54	16.57	17.50
		HIGH	64QAM	16.58	16.50	16.36	17.50
	25	LOW	64QAM	16.11	16.28	16.36	17.50
		MID	64QAM	16.01	16.15	16.33	17.50
		HIGH	64QAM	16.38	15.89	15.99	17.50
	50	LOW	64QAM	16.09	16.00	16.37	17.50

LTE B7-DSI1 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.79	15.80	15.73	17.50
		MID	QPSK	16.11	16.07	16.02	17.50
		HIGH	QPSK	15.86	16.02	15.97	17.50
	36	LOW	QPSK	16.22	16.17	16.33	17.50
		MID	QPSK	16.24	16.27	16.23	17.50
		HIGH	QPSK	16.01	16.02	16.01	17.50
	75	LOW	QPSK	16.17	16.11	16.20	17.50
15	1	LOW	Q16	16.65	16.30	16.34	17.50
		MID	Q16	16.79	16.64	16.46	17.50
		HIGH	Q16	16.46	16.27	16.49	17.50
	36	LOW	Q16	16.31	16.22	16.15	17.50
		MID	Q16	16.10	16.07	16.09	17.50
		HIGH	Q16	16.11	16.28	16.24	17.50
	75	LOW	Q16	16.32	16.09	16.19	17.50
15	1	LOW	64QAM	16.47	16.25	16.49	17.50
		MID	64QAM	16.81	16.37	16.44	17.50
		HIGH	64QAM	16.57	16.55	16.47	17.50
	36	LOW	64QAM	16.20	16.11	16.40	17.50
		MID	64QAM	16.05	16.22	16.26	17.50
		HIGH	64QAM	16.18	16.08	16.17	17.50
	75	LOW	64QAM	15.92	16.01	16.25	17.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.89	15.87	15.86	17.50
		MID	QPSK	16.05	16.01	16.01	17.50
		HIGH	QPSK	15.93	15.91	15.97	17.50
	50	LOW	QPSK	16.15	16.13	16.18	17.50
		MID	QPSK	16.28	16.15	16.22	17.50
		HIGH	QPSK	16.15	16.13	16.13	17.50
	100	LOW	QPSK	16.15	16.10	16.14	17.50
20	1	LOW	Q16	16.63	16.35	16.38	17.50
		MID	Q16	16.73	16.53	16.54	17.50
		HIGH	Q16	16.58	16.42	16.50	17.50
	50	LOW	Q16	16.18	16.14	16.16	17.50
		MID	Q16	16.20	16.17	16.19	17.50
		HIGH	Q16	16.17	16.14	16.14	17.50
	100	LOW	Q16	16.19	16.11	16.17	17.50
20	1	LOW	64QAM	16.50	16.24	16.36	17.50
		MID	64QAM	16.75	16.46	16.46	17.50
		HIGH	64QAM	16.68	16.43	16.47	17.50
	50	LOW	64QAM	16.19	16.25	16.29	17.50
		MID	64QAM	16.07	16.28	16.23	17.50
		HIGH	64QAM	16.25	16.01	16.14	17.50
	100	LOW	64QAM	16.07	16.04	16.24	17.50

LTE B7-DSI2&3 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.66	23.74	23.92	24.50
		MID	QPSK	23.88	23.85	23.61	24.50
		HIGH	QPSK	23.82	23.72	23.56	24.50
	12	LOW	QPSK	23.14	23.04	22.97	23.50
		MID	QPSK	23.13	22.95	22.98	23.50
		HIGH	QPSK	23.11	22.91	22.92	23.50
	25	LOW	QPSK	23.08	22.94	22.96	23.50
5	1	LOW	Q16	23.18	22.63	22.88	23.50
		MID	Q16	23.07	23.44	22.77	23.50
		HIGH	Q16	23.12	23.31	22.67	23.50
	12	LOW	Q16	22.17	22.15	22.06	22.50
		MID	Q16	22.16	22.10	22.04	22.50
		HIGH	Q16	22.22	22.06	21.98	22.50
	25	LOW	Q16	22.17	22.08	21.99	22.50
5	1	LOW	64QAM	22.17	21.70	21.88	22.50
		MID	64QAM	21.97	22.44	21.86	22.50
		HIGH	64QAM	22.04	22.29	21.77	22.50
	12	LOW	64QAM	21.28	21.28	21.08	21.50
		MID	64QAM	21.17	21.23	21.00	21.50
		HIGH	64QAM	21.36	21.12	21.07	21.50
	25	LOW	64QAM	21.19	21.15	21.05	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.59	24.09	23.81	24.50
		MID	QPSK	24.07	23.79	23.66	24.50
		HIGH	QPSK	24.19	23.78	23.76	24.50
	25	LOW	QPSK	22.93	23.10	22.91	23.50
		MID	QPSK	23.26	23.17	23.00	23.50
		HIGH	QPSK	23.14	22.92	22.97	23.50
	50	LOW	QPSK	22.95	23.15	22.88	23.50
10	1	LOW	Q16	23.36	22.67	22.73	23.50
		MID	Q16	22.62	22.75	22.97	23.50
		HIGH	Q16	23.26	22.64	22.67	23.50
	25	LOW	Q16	21.98	22.19	21.81	22.50
		MID	Q16	21.95	22.10	22.09	22.50
		HIGH	Q16	22.24	22.10	21.91	22.50
	50	LOW	Q16	22.15	21.94	22.05	22.50
10	1	LOW	64QAM	22.10	21.80	21.95	22.50
		MID	64QAM	21.74	21.73	22.08	22.50
		HIGH	64QAM	22.40	21.78	21.66	22.50
	25	LOW	64QAM	21.14	21.00	20.97	21.50
		MID	64QAM	21.24	20.88	21.02	21.50
		HIGH	64QAM	21.04	21.12	20.97	21.50
	50	LOW	64QAM	21.12	21.02	20.71	21.50

LTE B7-DSI2&3 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.61	24.10	23.92	24.50
		MID	QPSK	24.31	23.97	23.52	24.50
		HIGH	QPSK	24.30	23.69	23.54	24.50
	36	LOW	QPSK	23.02	22.99	23.00	23.50
		MID	QPSK	23.00	23.15	22.86	23.50
		HIGH	QPSK	22.99	22.91	22.87	23.50
	75	LOW	QPSK	22.96	23.13	23.06	23.50
15	1	LOW	Q16	23.37	22.63	22.90	23.50
		MID	Q16	22.56	22.87	22.84	23.50
		HIGH	Q16	23.21	22.73	22.54	23.50
	36	LOW	Q16	22.03	22.14	22.06	22.50
		MID	Q16	22.10	21.93	22.07	22.50
		HIGH	Q16	22.28	21.95	22.03	22.50
	75	LOW	Q16	22.23	21.96	21.82	22.50
15	1	LOW	64QAM	22.35	21.89	21.82	22.50
		MID	64QAM	21.60	21.85	22.01	22.50
		HIGH	64QAM	22.44	21.72	21.63	22.50
	36	LOW	64QAM	21.30	20.96	21.04	21.50
		MID	64QAM	21.15	21.05	20.99	21.50
		HIGH	64QAM	21.21	21.07	20.93	21.50
	75	LOW	64QAM	21.23	21.09	20.75	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.69	24.18	23.89	24.50
		MID	QPSK	24.17	23.83	23.61	24.50
		HIGH	QPSK	24.24	23.79	23.67	24.50
	50	LOW	QPSK	23.03	23.04	23.02	23.50
		MID	QPSK	23.12	23.05	23.01	23.50
		HIGH	QPSK	23.13	22.94	22.96	23.50
	100	LOW	QPSK	23.05	23.01	22.99	23.50
20	1	LOW	Q16	23.26	22.62	22.87	23.50
		MID	Q16	22.66	22.73	22.97	23.50
		HIGH	Q16	23.36	22.70	22.66	23.50
	50	LOW	Q16	22.05	22.05	21.96	22.50
		MID	Q16	22.10	22.05	21.99	22.50
		HIGH	Q16	22.14	21.97	21.92	22.50
	100	LOW	Q16	22.10	21.98	21.93	22.50
20	1	LOW	64QAM	22.23	21.77	21.93	22.50
		MID	64QAM	21.60	21.85	21.94	22.50
		HIGH	64QAM	22.43	21.74	21.72	22.50
	50	LOW	64QAM	21.15	20.97	20.94	21.50
		MID	64QAM	21.10	20.92	20.99	21.50
		HIGH	64QAM	21.10	21.00	20.90	21.50
	100	LOW	64QAM	21.23	21.09	20.82	21.50

LTE B7-DSI4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.05	19.14	20.00
		MID	QPSK	19.22	19.04	19.15	20.00
		HIGH	QPSK	19.21	19.02	19.16	20.00
	12	LOW	QPSK	19.15	19.03	19.19	20.00
		MID	QPSK	19.10	19.03	19.19	20.00
		HIGH	QPSK	19.13	19.22	19.11	20.00
	25	LOW	QPSK	19.10	19.02	19.19	20.00
5	1	LOW	Q16	19.08	19.33	19.25	20.00
		MID	Q16	19.09	19.34	19.20	20.00
		HIGH	Q16	19.11	19.31	19.21	20.00
	12	LOW	Q16	19.18	19.18	19.26	20.00
		MID	Q16	19.18	19.15	19.24	20.00
		HIGH	Q16	19.20	19.15	19.20	20.00
	25	LOW	Q16	19.18	19.14	19.17	20.00
5	1	LOW	64QAM	19.35	19.40	19.10	20.00
		MID	64QAM	19.15	19.42	19.30	20.00
		HIGH	64QAM	19.08	19.38	19.30	20.00
	12	LOW	64QAM	19.05	19.11	19.19	20.00
		MID	64QAM	19.24	19.25	19.31	20.00
		HIGH	64QAM	19.16	19.27	19.08	20.00
	25	LOW	64QAM	19.07	19.11	19.05	20.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.21	19.33	19.21	20.00
		MID	QPSK	19.01	19.11	19.33	20.00
		HIGH	QPSK	19.18	19.28	19.42	20.00
	25	LOW	QPSK	19.09	19.07	19.09	20.00
		MID	QPSK	19.20	19.17	19.21	20.00
		HIGH	QPSK	19.20	19.12	19.24	20.00
	50	LOW	QPSK	19.27	19.38	19.39	20.00
10	1	LOW	Q16	19.37	19.00	19.11	20.00
		MID	Q16	19.52	19.22	19.22	20.00
		HIGH	Q16	19.15	19.09	19.13	20.00
	25	LOW	Q16	19.14	19.39	19.39	20.00
		MID	Q16	19.06	19.14	19.06	20.00
		HIGH	Q16	19.24	19.21	19.11	20.00
	50	LOW	Q16	19.12	19.05	19.18	20.00
10	1	LOW	64QAM	19.31	19.24	19.00	20.00
		MID	64QAM	19.60	19.18	19.37	20.00
		HIGH	64QAM	19.29	19.13	19.20	20.00
	25	LOW	64QAM	19.09	19.34	19.06	20.00
		MID	64QAM	19.19	19.18	19.19	20.00
		HIGH	64QAM	19.05	19.12	19.31	20.00
	50	LOW	64QAM	19.35	19.23	19.26	20.00

LTE B7-DSI4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.37	19.32	19.30	20.00
		MID	QPSK	19.01	19.08	19.36	20.00
		HIGH	QPSK	19.31	19.38	19.48	20.00
	36	LOW	QPSK	19.09	19.12	19.24	20.00
		MID	QPSK	19.22	19.14	19.22	20.00
		HIGH	QPSK	19.15	19.10	19.00	20.00
	75	LOW	QPSK	19.07	19.01	19.11	20.00
15	1	LOW	Q16	19.14	19.10	19.15	20.00
		MID	Q16	19.23	19.20	19.25	20.00
		HIGH	Q16	19.05	19.22	19.01	20.00
	36	LOW	Q16	19.11	19.35	19.00	20.00
		MID	Q16	19.16	19.22	19.19	20.00
		HIGH	Q16	19.25	19.19	19.01	20.00
	75	LOW	Q16	19.21	19.34	19.11	20.00
15	1	LOW	64QAM	19.43	19.05	19.13	20.00
		MID	64QAM	19.44	19.26	19.40	20.00
		HIGH	64QAM	19.05	19.24	19.45	20.00
	36	LOW	64QAM	19.34	19.19	19.11	20.00
		MID	64QAM	19.07	19.28	19.06	20.00
		HIGH	64QAM	19.36	19.00	19.33	20.00
	75	LOW	64QAM	19.15	19.26	19.06	20.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.35	19.22	19.18	20.00
		MID	QPSK	19.10	19.05	19.05	20.00
		HIGH	QPSK	19.27	19.27	19.34	20.00
	50	LOW	QPSK	19.12	19.08	19.14	20.00
		MID	QPSK	19.21	19.11	19.17	20.00
		HIGH	QPSK	19.12	19.08	19.11	20.00
	100	LOW	QPSK	19.12	19.04	19.11	20.00
20	1	LOW	Q16	19.28	19.03	19.06	20.00
		MID	Q16	19.37	19.16	19.25	20.00
		HIGH	Q16	19.20	19.10	19.16	20.00
	50	LOW	Q16	19.16	19.07	19.12	20.00
		MID	Q16	19.18	19.10	19.16	20.00
		HIGH	Q16	19.14	19.11	19.09	20.00
	100	LOW	Q16	19.16	19.07	19.12	20.00
20	1	LOW	64QAM	19.32	19.14	19.06	20.00
		MID	64QAM	19.47	19.22	19.40	20.00
		HIGH	64QAM	19.19	19.17	19.31	20.00
	50	LOW	64QAM	19.06	19.32	19.06	20.00
		MID	64QAM	19.09	19.21	19.04	20.00
		HIGH	64QAM	19.06	19.39	19.00	20.00
	100	LOW	64QAM	19.01	19.18	19.12	20.00

LTE B7-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	25.07	25.25	25.04	25.50
		MID	QPSK	25.38	25.03	24.64	25.50
		HIGH	QPSK	25.31	24.95	24.31	25.50
	12	LOW	QPSK	24.43	24.35	24.37	24.50
		MID	QPSK	24.42	24.29	24.35	24.50
		HIGH	QPSK	24.45	24.27	24.29	24.50
	25	LOW	QPSK	24.41	24.34	24.34	24.50
5	1	LOW	Q16	24.24	24.15	23.76	24.50
		MID	Q16	24.27	24.12	23.70	24.50
		HIGH	Q16	24.29	24.01	23.74	24.50
	12	LOW	Q16	23.01	23.03	23.45	23.50
		MID	Q16	23.47	23.42	23.40	23.50
		HIGH	Q16	23.04	23.44	23.34	23.50
	25	LOW	Q16	23.47	23.42	23.34	23.50
5	1	LOW	64QAM	23.17	23.15	22.67	23.50
		MID	64QAM	23.15	23.13	22.61	23.50
		HIGH	64QAM	23.17	23.48	22.61	23.50
	12	LOW	64QAM	22.36	22.01	22.49	22.50
		MID	64QAM	22.08	22.02	22.50	22.50
		HIGH	64QAM	22.01	22.03	22.32	22.50
	25	LOW	64QAM	22.06	22.49	22.47	22.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	25.29	24.92	24.70	25.50
		MID	QPSK	25.30	24.97	24.65	25.50
		HIGH	QPSK	25.14	24.83	24.48	25.50
	25	LOW	QPSK	24.48	24.41	24.22	24.50
		MID	QPSK	24.40	24.36	24.30	24.50
		HIGH	QPSK	24.06	24.32	24.49	24.50
	50	LOW	QPSK	24.05	24.27	24.48	24.50
10	1	LOW	Q16	24.07	24.01	24.14	24.50
		MID	Q16	24.10	24.11	24.40	24.50
		HIGH	Q16	24.34	24.04	24.16	24.50
	25	LOW	Q16	23.01	23.26	23.33	23.50
		MID	Q16	23.36	23.41	23.38	23.50
		HIGH	Q16	23.35	23.45	23.44	23.50
	50	LOW	Q16	23.39	23.41	23.48	23.50
10	1	LOW	64QAM	23.38	23.07	23.20	23.50
		MID	64QAM	23.20	23.19	23.19	23.50
		HIGH	64QAM	23.14	23.14	23.31	23.50
	25	LOW	64QAM	22.30	22.25	22.33	22.50
		MID	64QAM	22.30	22.28	22.38	22.50
		HIGH	64QAM	22.47	22.38	22.18	22.50
	50	LOW	64QAM	22.25	22.28	22.45	22.50

LTE B7-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	25.11	25.00	24.50	25.50
		MID	QPSK	25.18	24.71	24.86	25.50
		HIGH	QPSK	25.34	24.61	24.38	25.50
	36	LOW	QPSK	24.48	24.45	24.47	24.50
		MID	QPSK	24.01	24.32	24.29	24.50
		HIGH	QPSK	24.32	24.35	24.23	24.50
	75	LOW	QPSK	24.50	24.38	24.20	24.50
15	1	LOW	Q16	24.45	23.97	24.04	24.50
		MID	Q16	24.05	24.12	24.11	24.50
		HIGH	Q16	24.07	24.08	24.11	24.50
	36	LOW	Q16	23.37	23.26	23.27	23.50
		MID	Q16	23.06	23.34	23.35	23.50
		HIGH	Q16	23.50	23.29	23.29	23.50
	75	LOW	Q16	23.44	23.39	23.49	23.50
15	1	LOW	64QAM	23.30	22.98	23.21	23.50
		MID	64QAM	23.12	23.21	23.33	23.50
		HIGH	64QAM	23.16	23.13	23.29	23.50
	36	LOW	64QAM	22.32	22.31	22.07	22.50
		MID	64QAM	22.05	22.03	22.50	22.50
		HIGH	64QAM	22.48	22.48	22.18	22.50
	75	LOW	64QAM	22.31	22.41	22.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	25.16	25.01	24.63	25.50
		MID	QPSK	25.33	24.82	24.77	25.50
		HIGH	QPSK	25.19	24.72	24.33	25.50
	50	LOW	QPSK	24.36	24.40	24.37	24.50
		MID	QPSK	24.45	24.40	24.42	24.50
		HIGH	QPSK	24.42	24.31	24.35	24.50
	100	LOW	QPSK	24.43	24.36	24.33	24.50
20	1	LOW	Q16	24.44	24.00	24.11	24.50
		MID	Q16	24.04	24.12	24.25	24.50
		HIGH	Q16	24.43	24.06	24.04	24.50
	50	LOW	Q16	23.40	23.41	23.34	23.50
		MID	Q16	23.48	23.41	23.39	23.50
		HIGH	Q16	23.48	23.32	23.31	23.50
	100	LOW	Q16	23.46	23.35	23.35	23.50
20	1	LOW	64QAM	23.42	23.12	23.07	23.50
		MID	64QAM	23.18	23.17	23.26	23.50
		HIGH	64QAM	23.29	23.07	23.16	23.50
	50	LOW	64QAM	22.45	22.32	22.44	22.50
		MID	64QAM	22.44	22.43	22.02	22.50
		HIGH	64QAM	22.10	22.41	22.33	22.50
	100	LOW	64QAM	22.37	22.31	22.43	22.50

LTE B7-DSI1&2 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	25.07	25.25	25.04	25.50
		MID	QPSK	25.38	25.03	24.64	25.50
		HIGH	QPSK	25.31	24.95	24.31	25.50
	12	LOW	QPSK	24.43	24.35	24.37	24.50
		MID	QPSK	24.42	24.29	24.35	24.50
		HIGH	QPSK	24.45	24.27	24.29	24.50
	25	LOW	QPSK	24.41	24.34	24.34	24.50
5	1	LOW	Q16	24.24	24.15	23.76	24.50
		MID	Q16	24.27	24.12	23.70	24.50
		HIGH	Q16	24.29	24.01	23.74	24.50
	12	LOW	Q16	23.01	23.03	23.45	23.50
		MID	Q16	23.47	23.42	23.40	23.50
		HIGH	Q16	23.04	23.44	23.34	23.50
	25	LOW	Q16	23.47	23.42	23.34	23.50
5	1	LOW	64QAM	23.17	23.15	22.67	23.50
		MID	64QAM	23.15	23.13	22.61	23.50
		HIGH	64QAM	23.17	23.48	22.61	23.50
	12	LOW	64QAM	22.36	22.01	22.49	22.50
		MID	64QAM	22.08	22.02	22.50	22.50
		HIGH	64QAM	22.01	22.03	22.32	22.50
	25	LOW	64QAM	22.06	22.49	22.47	22.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	25.29	24.92	24.70	25.50
		MID	QPSK	25.30	24.97	24.65	25.50
		HIGH	QPSK	25.14	24.83	24.48	25.50
	25	LOW	QPSK	24.48	24.41	24.22	24.50
		MID	QPSK	24.40	24.36	24.30	24.50
		HIGH	QPSK	24.06	24.32	24.49	24.50
	50	LOW	QPSK	24.05	24.27	24.48	24.50
10	1	LOW	Q16	24.07	24.01	24.14	24.50
		MID	Q16	24.10	24.11	24.40	24.50
		HIGH	Q16	24.34	24.04	24.16	24.50
	25	LOW	Q16	23.01	23.26	23.33	23.50
		MID	Q16	23.36	23.41	23.38	23.50
		HIGH	Q16	23.35	23.45	23.44	23.50
	50	LOW	Q16	23.39	23.41	23.48	23.50
10	1	LOW	64QAM	23.38	23.07	23.20	23.50
		MID	64QAM	23.20	23.19	23.19	23.50
		HIGH	64QAM	23.14	23.14	23.31	23.50
	25	LOW	64QAM	22.30	22.25	22.33	22.50
		MID	64QAM	22.30	22.28	22.38	22.50
		HIGH	64QAM	22.47	22.38	22.18	22.50
	50	LOW	64QAM	22.25	22.28	22.45	22.50

LTE B7-DSI1&2 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	25.11	25.00	24.50	25.50
		MID	QPSK	25.18	24.71	24.86	25.50
		HIGH	QPSK	25.34	24.61	24.38	25.50
	36	LOW	QPSK	24.48	24.45	24.47	24.50
		MID	QPSK	24.01	24.32	24.29	24.50
		HIGH	QPSK	24.32	24.35	24.23	24.50
	75	LOW	QPSK	24.50	24.38	24.20	24.50
15	1	LOW	Q16	24.45	23.97	24.04	24.50
		MID	Q16	24.05	24.12	24.11	24.50
		HIGH	Q16	24.07	24.08	24.11	24.50
	36	LOW	Q16	23.37	23.26	23.27	23.50
		MID	Q16	23.06	23.34	23.35	23.50
		HIGH	Q16	23.50	23.29	23.29	23.50
	75	LOW	Q16	23.44	23.39	23.49	23.50
15	1	LOW	64QAM	23.30	22.98	23.21	23.50
		MID	64QAM	23.12	23.21	23.33	23.50
		HIGH	64QAM	23.16	23.13	23.29	23.50
	36	LOW	64QAM	22.32	22.31	22.07	22.50
		MID	64QAM	22.05	22.03	22.50	22.50
		HIGH	64QAM	22.48	22.48	22.18	22.50
	75	LOW	64QAM	22.31	22.41	22.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	25.16	25.01	24.63	25.50
		MID	QPSK	25.33	24.82	24.77	25.50
		HIGH	QPSK	25.19	24.72	24.33	25.50
	50	LOW	QPSK	24.36	24.40	24.37	24.50
		MID	QPSK	24.45	24.40	24.42	24.50
		HIGH	QPSK	24.42	24.31	24.35	24.50
	100	LOW	QPSK	24.43	24.36	24.33	24.50
20	1	LOW	Q16	24.44	24.00	24.11	24.50
		MID	Q16	24.04	24.12	24.25	24.50
		HIGH	Q16	24.43	24.06	24.04	24.50
	50	LOW	Q16	23.40	23.41	23.34	23.50
		MID	Q16	23.48	23.41	23.39	23.50
		HIGH	Q16	23.48	23.32	23.31	23.50
	100	LOW	Q16	23.46	23.35	23.35	23.50
20	1	LOW	64QAM	23.42	23.12	23.07	23.50
		MID	64QAM	23.18	23.17	23.26	23.50
		HIGH	64QAM	23.29	23.07	23.16	23.50
	50	LOW	64QAM	22.45	22.32	22.44	22.50
		MID	64QAM	22.44	22.43	22.02	22.50
		HIGH	64QAM	22.10	22.41	22.33	22.50
	100	LOW	64QAM	22.37	22.31	22.43	22.50

LTE B7-DSI3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.36	19.37	20.50
		MID	QPSK	19.55	19.34	19.37	20.50
		HIGH	QPSK	19.54	19.34	19.38	20.50
	12	LOW	QPSK	19.41	19.39	19.45	20.50
		MID	QPSK	19.42	19.39	19.41	20.50
		HIGH	QPSK	19.42	19.34	19.38	20.50
	25	LOW	QPSK	19.40	19.36	19.43	20.50
5	1	LOW	Q16	19.62	19.93	19.52	20.50
		MID	Q16	19.66	19.97	19.49	20.50
		HIGH	Q16	19.70	19.95	19.51	20.50
	12	LOW	Q16	19.48	19.54	19.53	20.50
		MID	Q16	19.48	19.48	19.51	20.50
		HIGH	Q16	19.48	19.48	19.45	20.50
	25	LOW	Q16	19.49	19.49	19.42	20.50
5	1	LOW	64QAM	19.51	19.78	19.59	20.50
		MID	64QAM	19.60	19.99	19.59	20.50
		HIGH	64QAM	19.77	19.83	19.42	20.50
	12	LOW	64QAM	19.38	19.51	19.42	20.50
		MID	64QAM	19.33	19.50	19.61	20.50
		HIGH	64QAM	19.59	19.55	19.54	20.50
	25	LOW	64QAM	19.59	19.52	19.29	20.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.24	19.21	19.22	20.50
		MID	QPSK	19.29	19.34	19.20	20.50
		HIGH	QPSK	19.37	19.25	19.31	20.50
	25	LOW	QPSK	19.56	19.33	19.32	20.50
		MID	QPSK	19.41	19.32	19.30	20.50
		HIGH	QPSK	19.56	19.43	19.53	20.50
	50	LOW	QPSK	19.36	19.51	19.45	20.50
10	1	LOW	Q16	19.94	19.87	19.75	20.50
		MID	Q16	20.03	19.98	19.81	20.50
		HIGH	Q16	19.75	19.69	19.62	20.50
	25	LOW	Q16	19.47	19.49	19.38	20.50
		MID	Q16	19.57	19.29	19.40	20.50
		HIGH	Q16	19.27	19.53	19.26	20.50
	50	LOW	Q16	19.36	19.43	19.30	20.50
10	1	LOW	64QAM	19.62	19.45	19.65	20.50
		MID	64QAM	20.10	19.95	19.92	20.50
		HIGH	64QAM	19.97	19.64	19.80	20.50
	25	LOW	64QAM	19.28	19.29	19.39	20.50
		MID	64QAM	19.67	19.67	19.54	20.50
		HIGH	64QAM	19.46	19.48	19.54	20.50
	50	LOW	64QAM	19.32	19.24	19.32	20.50

LTE B7-DSI3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.29	19.19	19.12	20.50
		MID	QPSK	19.22	19.51	19.31	20.50
		HIGH	QPSK	19.20	19.29	19.15	20.50
	36	LOW	QPSK	19.46	19.26	19.30	20.50
		MID	QPSK	19.53	19.55	19.59	20.50
		HIGH	QPSK	19.58	19.53	19.49	20.50
	75	LOW	QPSK	19.50	19.31	19.41	20.50
15	1	LOW	Q16	19.71	19.62	19.71	20.50
		MID	Q16	19.87	19.99	19.67	20.50
		HIGH	Q16	19.84	19.62	19.81	20.50
	36	LOW	Q16	19.27	19.45	19.44	20.50
		MID	Q16	19.43	19.30	19.51	20.50
		HIGH	Q16	19.38	19.29	19.34	20.50
	75	LOW	Q16	19.53	19.55	19.27	20.50
15	1	LOW	64QAM	19.57	19.65	19.44	20.50
		MID	64QAM	20.25	19.75	19.93	20.50
		HIGH	64QAM	19.97	19.72	19.88	20.50
	36	LOW	64QAM	19.25	19.27	19.21	20.50
		MID	64QAM	19.42	19.61	19.52	20.50
		HIGH	64QAM	19.46	19.21	19.33	20.50
	75	LOW	64QAM	19.42	19.41	19.50	20.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.20	19.21	19.18	20.50
		MID	QPSK	19.39	19.37	19.30	20.50
		HIGH	QPSK	19.26	19.26	19.24	20.50
	50	LOW	QPSK	19.42	19.41	19.42	20.50
		MID	QPSK	19.46	19.43	19.44	20.50
		HIGH	QPSK	19.43	19.40	19.38	20.50
	100	LOW	QPSK	19.42	19.39	19.41	20.50
20	1	LOW	Q16	19.81	19.72	19.67	20.50
		MID	Q16	19.96	19.86	19.82	20.50
		HIGH	Q16	19.84	19.71	19.72	20.50
	50	LOW	Q16	19.42	19.42	19.38	20.50
		MID	Q16	19.47	19.44	19.40	20.50
		HIGH	Q16	19.40	19.41	19.37	20.50
	100	LOW	Q16	19.44	19.41	19.41	20.50
20	1	LOW	64QAM	19.70	19.59	19.56	20.50
		MID	64QAM	20.11	19.82	19.96	20.50
		HIGH	64QAM	19.93	19.75	19.77	20.50
	50	LOW	64QAM	19.38	19.38	19.30	20.50
		MID	64QAM	19.56	19.58	19.51	20.50
		HIGH	64QAM	19.38	19.33	19.46	20.50
	100	LOW	64QAM	19.37	19.29	19.47	20.50

8.3.5 LTE Band12 Output Power

LTE B12-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.33	24.43	24.16	25.50
		MID	QPSK	24.34	24.42	24.05	25.50
		HIGH	QPSK	24.34	24.43	24.10	25.50
	3	LOW	QPSK	24.43	24.41	24.24	25.50
		MID	QPSK	24.47	24.44	24.26	25.50
		HIGH	QPSK	24.46	24.47	24.20	25.50
	6	LOW	QPSK	23.42	23.52	23.22	24.50
1.4	1	LOW	Q16	23.51	23.85	23.30	24.50
		MID	Q16	23.58	23.84	23.31	24.50
		HIGH	Q16	23.56	23.87	23.30	24.50
	3	LOW	Q16	23.46	23.67	23.39	24.50
		MID	Q16	23.51	23.65	23.35	24.50
		HIGH	Q16	23.50	23.69	23.35	24.50
	6	LOW	Q16	22.59	22.48	22.43	23.50
1.4	1	LOW	64QAM	22.50	22.93	22.41	23.50
		MID	64QAM	22.51	22.93	22.35	23.50
		HIGH	64QAM	22.65	22.75	22.17	23.50
	3	LOW	64QAM	22.35	22.79	22.27	23.50
		MID	64QAM	22.50	22.52	22.43	23.50
		HIGH	64QAM	22.57	22.67	22.35	23.50
	6	LOW	64QAM	21.45	21.44	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.42	24.28	24.42	25.50
		MID	QPSK	24.63	24.48	24.55	25.50
		HIGH	QPSK	24.45	24.53	24.20	25.50
	8	LOW	QPSK	23.53	23.59	23.30	24.50
		MID	QPSK	23.38	23.41	23.51	24.50
		HIGH	QPSK	23.61	23.31	23.25	24.50
	15	LOW	QPSK	23.46	23.49	23.52	24.50
3	1	LOW	Q16	23.34	23.84	23.30	24.50
		MID	Q16	23.29	23.80	23.53	24.50
		HIGH	Q16	23.32	23.90	23.33	24.50
	8	LOW	Q16	22.51	22.49	22.63	23.50
		MID	Q16	22.54	22.54	22.57	23.50
		HIGH	Q16	22.70	22.63	22.53	23.50
	15	LOW	Q16	22.58	22.46	22.40	23.50
3	1	LOW	64QAM	22.21	22.58	22.61	23.50
		MID	64QAM	22.43	23.05	22.58	23.50
		HIGH	64QAM	22.20	22.82	22.23	23.50
	8	LOW	64QAM	21.67	21.62	21.68	22.50
		MID	64QAM	21.59	21.61	21.58	22.50
		HIGH	64QAM	21.59	21.49	21.58	22.50
	15	LOW	64QAM	21.34	21.66	21.68	22.50

LTE B12-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.40	24.39	24.35	25.50
		MID	QPSK	24.47	24.34	24.51	25.50
		HIGH	QPSK	24.67	24.47	24.17	25.50
	12	LOW	QPSK	23.34	23.41	23.46	24.50
		MID	QPSK	23.59	23.65	23.36	24.50
		HIGH	QPSK	23.54	23.36	23.19	24.50
	25	LOW	QPSK	23.56	23.58	23.49	24.50
5	1	LOW	Q16	23.44	23.89	23.44	24.50
		MID	Q16	23.52	23.78	23.54	24.50
		HIGH	Q16	23.26	23.85	23.35	24.50
	12	LOW	Q16	22.59	22.56	22.63	23.50
		MID	Q16	22.63	22.50	22.67	23.50
		HIGH	Q16	22.60	22.63	22.53	23.50
	25	LOW	Q16	22.50	22.58	22.39	23.50
5	1	LOW	64QAM	22.42	22.57	22.40	23.50
		MID	64QAM	22.40	23.00	22.59	23.50
		HIGH	64QAM	22.29	22.80	22.46	23.50
	12	LOW	64QAM	21.70	21.33	21.63	22.50
		MID	64QAM	21.33	21.49	21.63	22.50
		HIGH	64QAM	21.44	21.41	21.52	22.50
	25	LOW	64QAM	21.59	21.38	21.66	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.51	24.37	24.42	25.50
		MID	QPSK	24.53	24.45	24.44	25.50
		HIGH	QPSK	24.59	24.38	24.20	25.50
	25	LOW	QPSK	23.43	23.49	23.39	24.50
		MID	QPSK	23.45	23.50	23.39	24.50
		HIGH	QPSK	23.51	23.45	23.33	24.50
	50	LOW	QPSK	23.49	23.49	23.43	24.50
10	1	LOW	Q16	23.32	23.74	23.44	24.50
		MID	Q16	23.38	23.89	23.53	24.50
		HIGH	Q16	23.39	23.81	23.31	24.50
	25	LOW	Q16	22.53	22.62	22.57	23.50
		MID	Q16	22.57	22.60	22.56	23.50
		HIGH	Q16	22.57	22.55	22.53	23.50
	50	LOW	Q16	22.53	22.56	22.49	23.50
10	1	LOW	64QAM	22.29	22.70	22.55	23.50
		MID	64QAM	22.45	22.98	22.61	23.50
		HIGH	64QAM	22.35	22.95	22.36	23.50
	25	LOW	64QAM	21.65	21.47	21.70	22.50
		MID	64QAM	21.48	21.54	21.60	22.50
		HIGH	64QAM	21.48	21.54	21.62	22.50
	50	LOW	64QAM	21.45	21.53	21.56	22.50

LTE B12-DSI1&2&3&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.33	24.43	24.16	25.50
		MID	QPSK	24.34	24.42	24.05	25.50
		HIGH	QPSK	24.34	24.43	24.10	25.50
	3	LOW	QPSK	24.43	24.41	24.24	25.50
		MID	QPSK	24.47	24.44	24.26	25.50
		HIGH	QPSK	24.46	24.47	24.20	25.50
	6	LOW	QPSK	23.42	23.52	23.22	24.50
1.4	1	LOW	Q16	23.51	23.85	23.30	24.50
		MID	Q16	23.58	23.84	23.31	24.50
		HIGH	Q16	23.56	23.87	23.30	24.50
	3	LOW	Q16	23.46	23.67	23.39	24.50
		MID	Q16	23.51	23.65	23.35	24.50
		HIGH	Q16	23.50	23.69	23.35	24.50
	6	LOW	Q16	22.59	22.48	22.43	23.50
1.4	1	LOW	64QAM	22.50	22.93	22.41	23.50
		MID	64QAM	22.51	22.93	22.35	23.50
		HIGH	64QAM	22.65	22.75	22.17	23.50
	3	LOW	64QAM	22.35	22.79	22.27	23.50
		MID	64QAM	22.50	22.52	22.43	23.50
		HIGH	64QAM	22.57	22.67	22.35	23.50
	6	LOW	64QAM	21.45	21.44	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.42	24.28	24.42	25.50
		MID	QPSK	24.63	24.48	24.55	25.50
		HIGH	QPSK	24.45	24.53	24.20	25.50
	8	LOW	QPSK	23.53	23.59	23.30	24.50
		MID	QPSK	23.38	23.41	23.51	24.50
		HIGH	QPSK	23.61	23.31	23.25	24.50
	15	LOW	QPSK	23.46	23.49	23.52	24.50
3	1	LOW	Q16	23.34	23.84	23.30	24.50
		MID	Q16	23.29	23.80	23.53	24.50
		HIGH	Q16	23.32	23.90	23.33	24.50
	8	LOW	Q16	22.51	22.49	22.63	23.50
		MID	Q16	22.54	22.54	22.57	23.50
		HIGH	Q16	22.70	22.63	22.53	23.50
	15	LOW	Q16	22.58	22.46	22.40	23.50
3	1	LOW	64QAM	22.21	22.58	22.61	23.50
		MID	64QAM	22.43	23.05	22.58	23.50
		HIGH	64QAM	22.20	22.82	22.23	23.50
	8	LOW	64QAM	21.67	21.62	21.68	22.50
		MID	64QAM	21.59	21.61	21.58	22.50
		HIGH	64QAM	21.59	21.49	21.58	22.50
	15	LOW	64QAM	21.34	21.66	21.68	22.50

LTE B12-DSI1&2&3&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.40	24.39	24.35	25.50
		MID	QPSK	24.47	24.34	24.51	25.50
		HIGH	QPSK	24.67	24.47	24.17	25.50
	12	LOW	QPSK	23.34	23.41	23.46	24.50
		MID	QPSK	23.59	23.65	23.36	24.50
		HIGH	QPSK	23.54	23.36	23.19	24.50
	25	LOW	QPSK	23.56	23.58	23.49	24.50
5	1	LOW	Q16	23.44	23.89	23.44	24.50
		MID	Q16	23.52	23.78	23.54	24.50
		HIGH	Q16	23.26	23.85	23.35	24.50
	12	LOW	Q16	22.59	22.56	22.63	23.50
		MID	Q16	22.63	22.50	22.67	23.50
		HIGH	Q16	22.60	22.63	22.53	23.50
	25	LOW	Q16	22.50	22.58	22.39	23.50
5	1	LOW	64QAM	22.42	22.57	22.40	23.50
		MID	64QAM	22.40	23.00	22.59	23.50
		HIGH	64QAM	22.29	22.80	22.46	23.50
	12	LOW	64QAM	21.70	21.33	21.63	22.50
		MID	64QAM	21.33	21.49	21.63	22.50
		HIGH	64QAM	21.44	21.41	21.52	22.50
	25	LOW	64QAM	21.59	21.38	21.66	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.51	24.37	24.42	25.50
		MID	QPSK	24.53	24.45	24.44	25.50
		HIGH	QPSK	24.59	24.38	24.20	25.50
	25	LOW	QPSK	23.43	23.49	23.39	24.50
		MID	QPSK	23.45	23.50	23.39	24.50
		HIGH	QPSK	23.47	23.45	23.33	24.50
	50	LOW	QPSK	23.49	23.49	23.43	24.50
10	1	LOW	Q16	23.32	23.74	23.44	24.50
		MID	Q16	23.38	23.89	23.53	24.50
		HIGH	Q16	23.39	23.81	23.31	24.50
	25	LOW	Q16	22.53	22.62	22.57	23.50
		MID	Q16	22.57	22.60	22.56	23.50
		HIGH	Q16	22.57	22.55	22.53	23.50
	50	LOW	Q16	22.53	22.56	22.49	23.50
10	1	LOW	64QAM	22.29	22.70	22.55	23.50
		MID	64QAM	22.45	22.98	22.61	23.50
		HIGH	64QAM	22.35	22.95	22.36	23.50
	25	LOW	64QAM	21.65	21.47	21.70	22.50
		MID	64QAM	21.48	21.54	21.60	22.50
		HIGH	64QAM	21.48	21.54	21.62	22.50
	50	LOW	64QAM	21.45	21.53	21.56	22.50

LTE B12-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.39	24.48	24.22	25.50
		MID	QPSK	24.42	24.46	24.20	25.50
		HIGH	QPSK	24.41	24.49	24.18	25.50
	3	LOW	QPSK	24.55	24.48	24.30	25.50
		MID	QPSK	24.54	24.50	24.32	25.50
		HIGH	QPSK	24.55	24.51	24.28	25.50
	6	LOW	QPSK	23.47	23.56	23.27	24.50
1.4	1	LOW	Q16	23.56	23.91	23.45	24.50
		MID	Q16	23.63	23.90	23.41	24.50
		HIGH	Q16	23.58	23.93	23.40	24.50
	3	LOW	Q16	23.55	23.68	23.46	24.50
		MID	Q16	23.57	23.70	23.44	24.50
		HIGH	Q16	23.57	23.72	23.43	24.50
	6	LOW	Q16	22.67	22.52	22.48	23.50
1.4	1	LOW	64QAM	22.48	22.86	22.33	23.50
		MID	64QAM	22.58	22.89	22.26	23.50
		HIGH	64QAM	22.70	23.08	22.30	23.50
	3	LOW	64QAM	22.40	22.66	22.54	23.50
		MID	64QAM	22.65	22.75	22.49	23.50
		HIGH	64QAM	22.51	22.86	22.32	23.50
	6	LOW	64QAM	21.79	21.64	21.61	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.46	24.30	24.40	25.50
		MID	QPSK	24.45	24.41	24.41	25.50
		HIGH	QPSK	24.62	24.30	24.26	25.50
	8	LOW	QPSK	23.59	23.52	23.47	24.50
		MID	QPSK	23.47	23.42	23.35	24.50
		HIGH	QPSK	23.47	23.60	23.47	24.50
	15	LOW	QPSK	23.67	23.50	23.45	24.50
3	1	LOW	Q16	23.38	23.76	23.56	24.50
		MID	Q16	23.29	23.92	23.54	24.50
		HIGH	Q16	23.46	23.74	23.43	24.50
	8	LOW	Q16	22.54	22.52	22.51	23.50
		MID	Q16	22.52	22.57	22.70	23.50
		HIGH	Q16	22.71	22.56	22.58	23.50
	15	LOW	Q16	22.56	22.76	22.45	23.50
3	1	LOW	64QAM	22.42	22.84	22.58	23.50
		MID	64QAM	22.45	22.71	22.36	23.50
		HIGH	64QAM	22.48	22.79	22.32	23.50
	8	LOW	64QAM	21.56	21.73	21.66	22.50
		MID	64QAM	21.64	21.57	21.41	22.50
		HIGH	64QAM	21.77	21.57	21.35	22.50
	15	LOW	64QAM	21.32	21.56	21.47	22.50

LTE B12-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.36	24.58	24.34	25.50
		MID	QPSK	24.58	24.47	24.34	25.50
		HIGH	QPSK	24.71	24.41	24.44	25.50
	12	LOW	QPSK	23.45	23.58	23.39	24.50
		MID	QPSK	23.38	23.55	23.45	24.50
		HIGH	QPSK	23.64	23.46	23.39	24.50
	25	LOW	QPSK	23.47	23.43	23.63	24.50
5	1	LOW	Q16	23.44	23.91	23.52	24.50
		MID	Q16	23.35	24.03	23.45	24.50
		HIGH	Q16	23.55	23.92	23.46	24.50
	12	LOW	Q16	22.58	22.78	22.49	23.50
		MID	Q16	22.61	22.51	22.61	23.50
		HIGH	Q16	22.61	22.64	22.67	23.50
	25	LOW	Q16	22.54	22.72	22.58	23.50
5	1	LOW	64QAM	22.38	22.78	22.61	23.50
		MID	64QAM	22.44	22.90	22.40	23.50
		HIGH	64QAM	22.48	22.83	22.22	23.50
	12	LOW	64QAM	21.58	21.77	21.51	22.50
		MID	64QAM	21.45	21.78	21.61	22.50
		HIGH	64QAM	21.79	21.77	21.53	22.50
	25	LOW	64QAM	21.60	21.72	21.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.47	24.44	24.47	25.50
		MID	QPSK	24.51	24.52	24.49	25.50
		HIGH	QPSK	24.58	24.45	24.29	25.50
	25	LOW	QPSK	23.49	23.52	23.42	24.50
		MID	QPSK	23.51	23.54	23.44	24.50
		HIGH	QPSK	23.56	23.50	23.36	24.50
	50	LOW	QPSK	23.53	23.56	23.48	24.50
10	1	LOW	Q16	23.37	23.79	23.51	24.50
		MID	Q16	23.44	23.91	23.57	24.50
		HIGH	Q16	23.47	23.80	23.38	24.50
	25	LOW	Q16	22.58	22.66	22.59	23.50
		MID	Q16	22.60	22.64	22.64	23.50
		HIGH	Q16	22.66	22.63	22.56	23.50
	50	LOW	Q16	22.57	22.64	22.53	23.50
10	1	LOW	64QAM	22.44	22.86	22.62	23.50
		MID	64QAM	22.59	22.86	22.47	23.50
		HIGH	64QAM	22.51	22.69	22.29	23.50
	25	LOW	64QAM	21.51	21.64	21.57	22.50
		MID	64QAM	21.50	21.68	21.50	22.50
		HIGH	64QAM	21.66	21.67	21.46	22.50
	50	LOW	64QAM	21.47	21.70	21.44	22.50

LTE B12-DSI1&2&3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.39	24.48	24.22	25.50
		MID	QPSK	24.42	24.46	24.20	25.50
		HIGH	QPSK	24.41	24.49	24.18	25.50
	3	LOW	QPSK	24.55	24.48	24.30	25.50
		MID	QPSK	24.54	24.50	24.32	25.50
		HIGH	QPSK	24.55	24.51	24.28	25.50
	6	LOW	QPSK	23.47	23.56	23.27	24.50
1.4	1	LOW	Q16	23.56	23.91	23.45	24.50
		MID	Q16	23.63	23.90	23.41	24.50
		HIGH	Q16	23.58	23.93	23.40	24.50
	3	LOW	Q16	23.55	23.68	23.46	24.50
		MID	Q16	23.57	23.70	23.44	24.50
		HIGH	Q16	23.57	23.72	23.43	24.50
	6	LOW	Q16	22.67	22.52	22.48	23.50
1.4	1	LOW	64QAM	22.48	22.86	22.33	23.50
		MID	64QAM	22.58	22.89	22.26	23.50
		HIGH	64QAM	22.70	23.08	22.30	23.50
	3	LOW	64QAM	22.40	22.66	22.54	23.50
		MID	64QAM	22.65	22.75	22.49	23.50
		HIGH	64QAM	22.51	22.86	22.32	23.50
	6	LOW	64QAM	21.79	21.64	21.61	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.46	24.30	24.40	25.50
		MID	QPSK	24.45	24.41	24.41	25.50
		HIGH	QPSK	24.62	24.30	24.26	25.50
	8	LOW	QPSK	23.59	23.52	23.47	24.50
		MID	QPSK	23.47	23.42	23.35	24.50
		HIGH	QPSK	23.47	23.60	23.47	24.50
	15	LOW	QPSK	23.67	23.50	23.45	24.50
3	1	LOW	Q16	23.38	23.76	23.56	24.50
		MID	Q16	23.29	23.92	23.54	24.50
		HIGH	Q16	23.46	23.74	23.43	24.50
	8	LOW	Q16	22.54	22.52	22.51	23.50
		MID	Q16	22.52	22.57	22.70	23.50
		HIGH	Q16	22.71	22.56	22.58	23.50
	15	LOW	Q16	22.56	22.76	22.45	23.50
3	1	LOW	64QAM	22.42	22.84	22.58	23.50
		MID	64QAM	22.45	22.71	22.36	23.50
		HIGH	64QAM	22.48	22.79	22.32	23.50
	8	LOW	64QAM	21.56	21.73	21.66	22.50
		MID	64QAM	21.64	21.57	21.41	22.50
		HIGH	64QAM	21.77	21.57	21.35	22.50
	15	LOW	64QAM	21.32	21.56	21.47	22.50

LTE B12-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.36	24.58	24.34	25.50
		MID	QPSK	24.58	24.47	24.34	25.50
		HIGH	QPSK	24.71	24.41	24.44	25.50
	12	LOW	QPSK	23.45	23.58	23.39	24.50
		MID	QPSK	23.38	23.55	23.45	24.50
		HIGH	QPSK	23.64	23.46	23.39	24.50
	25	LOW	QPSK	23.47	23.43	23.63	24.50
5	1	LOW	Q16	23.44	23.91	23.52	24.50
		MID	Q16	23.35	24.03	23.45	24.50
		HIGH	Q16	23.55	23.92	23.46	24.50
	12	LOW	Q16	22.58	22.78	22.49	23.50
		MID	Q16	22.61	22.51	22.61	23.50
		HIGH	Q16	22.61	22.64	22.67	23.50
	25	LOW	Q16	22.54	22.72	22.58	23.50
5	1	LOW	64QAM	22.38	22.78	22.61	23.50
		MID	64QAM	22.44	22.90	22.40	23.50
		HIGH	64QAM	22.48	22.83	22.22	23.50
	12	LOW	64QAM	21.58	21.77	21.51	22.50
		MID	64QAM	21.45	21.78	21.61	22.50
		HIGH	64QAM	21.79	21.77	21.53	22.50
	25	LOW	64QAM	21.60	21.72	21.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	24.47	24.44	24.47	25.50
		MID	QPSK	24.51	24.52	24.49	25.50
		HIGH	QPSK	24.58	24.45	24.29	25.50
	25	LOW	QPSK	23.49	23.52	23.42	24.50
		MID	QPSK	23.51	23.54	23.44	24.50
		HIGH	QPSK	23.53	23.50	23.36	24.50
	50	LOW	QPSK	23.53	23.56	23.48	24.50
10	1	LOW	Q16	23.37	23.79	23.51	24.50
		MID	Q16	23.44	23.91	23.57	24.50
		HIGH	Q16	23.47	23.80	23.38	24.50
	25	LOW	Q16	22.58	22.66	22.59	23.50
		MID	Q16	22.60	22.64	22.64	23.50
		HIGH	Q16	22.66	22.63	22.56	23.50
	50	LOW	Q16	22.57	22.64	22.53	23.50
10	1	LOW	64QAM	22.44	22.86	22.62	23.50
		MID	64QAM	22.59	22.86	22.47	23.50
		HIGH	64QAM	22.51	22.69	22.29	23.50
	25	LOW	64QAM	21.51	21.64	21.57	22.50
		MID	64QAM	21.50	21.68	21.50	22.50
		HIGH	64QAM	21.66	21.67	21.46	22.50
	50	LOW	64QAM	21.47	21.70	21.44	22.50

8.3.6 LTE Band13 Output Power

LTE B13-Full Power -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.24	24.30	24.21	25.50
		MID	QPSK	24.27	24.23	24.30	25.50
		HIGH	QPSK	24.32	24.20	24.23	25.50
	12	LOW	QPSK	23.40	23.28	23.34	24.50
		MID	QPSK	23.52	23.41	23.46	24.50
		HIGH	QPSK	22.99	23.11	23.05	24.50
	25	LOW	QPSK	23.06	23.21	23.21	24.50
5	1	LOW	Q16	23.51	23.39	23.29	24.50
		MID	Q16	23.18	23.13	23.01	24.50
		HIGH	Q16	23.28	23.41	23.47	24.50
	12	LOW	Q16	22.16	22.22	22.22	23.50
		MID	Q16	22.49	22.47	22.34	23.50
		HIGH	Q16	21.99	22.12	22.27	23.50
	25	LOW	Q16	22.36	22.31	22.42	23.50
5	1	LOW	64QAM	22.64	22.33	22.31	23.50
		MID	64QAM	22.16	22.02	22.07	23.50
		HIGH	64QAM	22.26	22.37	22.60	23.50
	12	LOW	64QAM	21.25	21.10	21.14	22.50
		MID	64QAM	21.47	21.45	21.42	22.50
		HIGH	64QAM	21.10	21.04	21.32	22.50
	25	LOW	64QAM	21.23	21.18	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23230			Tune-up power(dBm)
10	1	LOW	QPSK	/	24.24	/	25.50
		MID	QPSK	/	24.43	/	25.50
		HIGH	QPSK	/	24.18	/	25.50
	25	LOW	QPSK	/	23.50	/	24.50
		MID	QPSK	/	23.25	/	24.50
		HIGH	QPSK	/	23.22	/	24.50
	50	LOW	QPSK	/	23.48	/	24.50
10	1	LOW	Q16	/	23.43	/	24.50
		MID	Q16	/	23.28	/	24.50
		HIGH	Q16	/	23.40	/	24.50
	25	LOW	Q16	/	22.39	/	23.50
		MID	Q16	/	22.46	/	23.50
		HIGH	Q16	/	22.12	/	23.50
	50	LOW	Q16	/	22.38	/	23.50
10	1	LOW	64QAM	/	22.43	/	23.50
		MID	64QAM	/	22.15	/	23.50
		HIGH	64QAM	/	22.30	/	23.50
	25	LOW	64QAM	/	21.26	/	22.50
		MID	64QAM	/	21.55	/	22.50
		HIGH	64QAM	/	20.99	/	22.50
	50	LOW	64QAM	/	21.31	/	22.50

LTE B13-State1&2&3&4 -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.24	24.30	24.21	25.50
		MID	QPSK	24.27	24.23	24.30	25.50
		HIGH	QPSK	24.32	24.20	24.23	25.50
	12	LOW	QPSK	23.40	23.28	23.34	24.50
		MID	QPSK	23.52	23.41	23.46	24.50
		HIGH	QPSK	22.99	23.11	23.05	24.50
	25	LOW	QPSK	23.06	23.21	23.21	24.50
5	1	LOW	Q16	23.51	23.39	23.29	24.50
		MID	Q16	23.18	23.13	23.01	24.50
		HIGH	Q16	23.28	23.41	23.47	24.50
	12	LOW	Q16	22.16	22.22	22.22	23.50
		MID	Q16	22.49	22.47	22.34	23.50
		HIGH	Q16	21.99	22.12	22.27	23.50
	25	LOW	Q16	22.36	22.31	22.42	23.50
5	1	LOW	64QAM	22.64	22.33	22.31	23.50
		MID	64QAM	22.16	22.02	22.07	23.50
		HIGH	64QAM	22.26	22.37	22.60	23.50
	12	LOW	64QAM	21.25	21.10	21.14	22.50
		MID	64QAM	21.47	21.45	21.42	22.50
		HIGH	64QAM	21.10	21.04	21.32	22.50
	25	LOW	64QAM	21.23	21.18	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23230			Tune-up power(dBm)
10	1	LOW	QPSK	/	24.24	/	25.50
		MID	QPSK	/	24.43	/	25.50
		HIGH	QPSK	/	24.18	/	25.50
	25	LOW	QPSK	/	23.50	/	24.50
		MID	QPSK	/	23.25	/	24.50
		HIGH	QPSK	/	23.22	/	24.50
	50	LOW	QPSK	/	23.48	/	24.50
10	1	LOW	Q16	/	23.43	/	24.50
		MID	Q16	/	23.28	/	24.50
		HIGH	Q16	/	23.40	/	24.50
	25	LOW	Q16	/	22.39	/	23.50
		MID	Q16	/	22.46	/	23.50
		HIGH	Q16	/	22.12	/	23.50
	50	LOW	Q16	/	22.38	/	23.50
10	1	LOW	64QAM	/	22.43	/	23.50
		MID	64QAM	/	22.15	/	23.50
		HIGH	64QAM	/	22.30	/	23.50
	25	LOW	64QAM	/	21.26	/	22.50
		MID	64QAM	/	21.55	/	22.50
		HIGH	64QAM	/	20.99	/	22.50
	50	LOW	64QAM	/	21.31	/	22.50

LTE B13-Full Power -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.35	24.39	24.26	25.50
		MID	QPSK	24.02	24.16	24.02	25.50
		HIGH	QPSK	24.16	24.28	24.42	25.50
	12	LOW	QPSK	23.53	23.38	23.35	24.50
		MID	QPSK	23.30	23.36	23.23	24.50
		HIGH	QPSK	23.38	23.37	23.38	24.50
	25	LOW	QPSK	23.04	23.12	23.11	24.50
5	1	LOW	Q16	23.48	23.50	23.52	24.50
		MID	Q16	23.34	23.30	23.21	24.50
		HIGH	Q16	23.42	23.49	23.40	24.50
	12	LOW	Q16	22.18	22.19	22.08	23.50
		MID	Q16	22.29	22.14	22.18	23.50
		HIGH	Q16	22.31	22.21	22.36	23.50
	25	LOW	Q16	22.09	22.23	22.31	23.50
5	1	LOW	64QAM	22.56	22.42	22.37	23.50
		MID	64QAM	22.21	22.21	22.26	23.50
		HIGH	64QAM	22.52	22.36	22.53	23.50
	12	LOW	64QAM	21.04	21.11	21.15	22.50
		MID	64QAM	21.42	21.02	21.03	22.50
		HIGH	64QAM	21.24	21.17	21.39	22.50
	25	LOW	64QAM	21.06	21.14	21.41	22.50
Bandwidth (	RB Size	RB offest	Modulation	23230			Tune-up power(dBm)
10	1	LOW	QPSK	/	24.43	/	25.50
		MID	QPSK	/	24.14	/	25.50
		HIGH	QPSK	/	24.22	/	25.50
	25	LOW	QPSK	/	23.40	/	24.50
		MID	QPSK	/	23.32	/	24.50
		HIGH	QPSK	/	23.33	/	24.50
	50	LOW	QPSK	/	23.37	/	24.50
10	1	LOW	Q16	/	23.50	/	24.50
		MID	Q16	/	23.22	/	24.50
		HIGH	Q16	/	23.28	/	24.50
	25	LOW	Q16	/	22.40	/	23.50
		MID	Q16	/	22.35	/	23.50
		HIGH	Q16	/	22.45	/	23.50
	50	LOW	Q16	/	22.18	/	23.50
10	1	LOW	64QAM	/	22.57	/	23.50
		MID	64QAM	/	22.13	/	23.50
		HIGH	64QAM	/	22.29	/	23.50
	25	LOW	64QAM	/	21.42	/	22.50
		MID	64QAM	/	21.46	/	22.50
		HIGH	64QAM	/	21.32	/	22.50
	50	LOW	64QAM	/	21.05	/	22.50

LTE B13-State1&2&3&4&5&6 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23205	23230	23255	Tune-up power(dBm)
5	1	LOW	QPSK	24.35	24.39	24.26	25.50
		MID	QPSK	24.02	24.16	24.02	25.50
		HIGH	QPSK	24.16	24.28	24.42	25.50
	12	LOW	QPSK	23.53	23.38	23.35	24.50
		MID	QPSK	23.30	23.36	23.23	24.50
		HIGH	QPSK	23.38	23.37	23.38	24.50
	25	LOW	QPSK	23.04	23.12	23.11	24.50
5	1	LOW	Q16	23.48	23.50	23.52	24.50
		MID	Q16	23.34	23.30	23.21	24.50
		HIGH	Q16	23.42	23.49	23.40	24.50
	12	LOW	Q16	22.18	22.19	22.08	23.50
		MID	Q16	22.29	22.14	22.18	23.50
		HIGH	Q16	22.31	22.21	22.36	23.50
	25	LOW	Q16	22.09	22.23	22.31	23.50
5	1	LOW	64QAM	22.56	22.42	22.37	23.50
		MID	64QAM	22.21	22.21	22.26	23.50
		HIGH	64QAM	22.52	22.36	22.53	23.50
	12	LOW	64QAM	21.04	21.11	21.15	22.50
		MID	64QAM	21.42	21.02	21.03	22.50
		HIGH	64QAM	21.24	21.17	21.39	22.50
	25	LOW	64QAM	21.06	21.14	21.41	22.50
Bandwidth (	RB Size	RB offest	Modulation	23230			Tune-up power(dBm)
10	1	LOW	QPSK	/	24.43	/	25.50
		MID	QPSK	/	24.14	/	25.50
		HIGH	QPSK	/	24.22	/	25.50
	25	LOW	QPSK	/	23.40	/	24.50
		MID	QPSK	/	23.32	/	24.50
		HIGH	QPSK	/	23.33	/	24.50
	50	LOW	QPSK	/	23.37	/	24.50
10	1	LOW	Q16	/	23.50	/	24.50
		MID	Q16	/	23.22	/	24.50
		HIGH	Q16	/	23.28	/	24.50
	25	LOW	Q16	/	22.40	/	23.50
		MID	Q16	/	22.35	/	23.50
		HIGH	Q16	/	22.45	/	23.50
	50	LOW	Q16	/	22.18	/	23.50
10	1	LOW	64QAM	/	22.57	/	23.50
		MID	64QAM	/	22.13	/	23.50
		HIGH	64QAM	/	22.29	/	23.50
	25	LOW	64QAM	/	21.42	/	22.50
		MID	64QAM	/	21.46	/	22.50
		HIGH	64QAM	/	21.32	/	22.50
	50	LOW	64QAM	/	21.05	/	22.50

8.3.7 LTE Band17 Output Power

LTE B17-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.49	24.64	25.50
		MID	QPSK	24.51	24.40	24.48	25.50
		HIGH	QPSK	24.59	24.45	24.42	25.50
	12	LOW	QPSK	23.44	23.41	23.32	24.50
		MID	QPSK	23.40	23.31	23.25	24.50
		HIGH	QPSK	23.44	23.27	23.16	24.50
	25	LOW	QPSK	23.43	23.34	23.25	24.50
5	1	LOW	Q16	23.91	23.51	23.61	24.50
		MID	Q16	23.94	23.40	23.43	24.50
		HIGH	Q16	24.00	23.43	23.40	24.50
	12	LOW	Q16	22.61	22.52	22.41	23.50
		MID	Q16	22.60	22.45	22.39	23.50
		HIGH	Q16	22.63	22.38	22.31	23.50
	25	LOW	Q16	22.58	22.37	22.38	23.50
5	1	LOW	64QAM	23.01	22.64	22.74	23.50
		MID	64QAM	22.80	22.52	22.34	23.50
		HIGH	64QAM	23.05	22.51	22.38	23.50
	12	LOW	64QAM	21.60	21.60	21.41	22.50
		MID	64QAM	21.57	21.50	21.53	22.50
		HIGH	64QAM	21.70	21.31	21.33	22.50
	25	LOW	64QAM	21.70	21.32	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.34	24.38	25.50
		MID	QPSK	24.48	24.38	24.35	25.50
		HIGH	QPSK	24.38	24.20	24.19	25.50
	25	LOW	QPSK	23.41	23.39	23.35	24.50
		MID	QPSK	23.39	23.37	23.32	24.50
		HIGH	QPSK	23.32	23.33	23.25	24.50
	50	LOW	QPSK	23.43	23.38	23.37	24.50
10	1	LOW	Q16	23.30	23.69	23.41	24.50
		MID	Q16	23.37	23.80	23.42	24.50
		HIGH	Q16	23.12	23.57	23.26	24.50
	25	LOW	Q16	22.53	22.53	22.53	23.50
		MID	Q16	22.49	22.51	22.52	23.50
		HIGH	Q16	22.40	22.42	22.45	23.50
	50	LOW	Q16	22.46	22.46	22.43	23.50
10	1	LOW	64QAM	22.41	22.66	22.28	23.50
		MID	64QAM	22.23	22.76	22.45	23.50
		HIGH	64QAM	22.00	22.50	22.27	23.50
	25	LOW	64QAM	21.45	21.56	21.47	22.50
		MID	64QAM	21.42	21.43	21.57	22.50
		HIGH	64QAM	21.26	21.30	21.47	22.50
	50	LOW	64QAM	21.35	21.31	21.56	22.50

LTE B17-DSI1&2&3&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.49	24.64	25.50
		MID	QPSK	24.51	24.40	24.48	25.50
		HIGH	QPSK	24.59	24.45	24.42	25.50
	12	LOW	QPSK	23.44	23.41	23.32	24.50
		MID	QPSK	23.40	23.31	23.25	24.50
		HIGH	QPSK	23.44	23.27	23.16	24.50
	25	LOW	QPSK	23.43	23.34	23.25	24.50
5	1	LOW	Q16	23.91	23.51	23.61	24.50
		MID	Q16	23.94	23.40	23.43	24.50
		HIGH	Q16	24.00	23.43	23.40	24.50
	12	LOW	Q16	22.61	22.52	22.41	23.50
		MID	Q16	22.60	22.45	22.39	23.50
		HIGH	Q16	22.63	22.38	22.31	23.50
	25	LOW	Q16	22.58	22.37	22.38	23.50
5	1	LOW	64QAM	23.01	22.64	22.74	23.50
		MID	64QAM	22.80	22.52	22.34	23.50
		HIGH	64QAM	23.05	22.51	22.38	23.50
	12	LOW	64QAM	21.60	21.60	21.41	22.50
		MID	64QAM	21.57	21.50	21.53	22.50
		HIGH	64QAM	21.70	21.31	21.33	22.50
	25	LOW	64QAM	21.70	21.32	21.31	22.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.42	24.34	24.38	25.50
		MID	QPSK	24.48	24.38	24.35	25.50
		HIGH	QPSK	24.38	24.20	24.19	25.50
	25	LOW	QPSK	23.41	23.39	23.35	24.50
		MID	QPSK	23.39	23.37	23.32	24.50
		HIGH	QPSK	23.32	23.33	23.25	24.50
	50	LOW	QPSK	23.43	23.38	23.37	24.50
10	1	LOW	Q16	23.30	23.69	23.41	24.50
		MID	Q16	23.37	23.80	23.42	24.50
		HIGH	Q16	23.12	23.57	23.26	24.50
	25	LOW	Q16	22.53	22.53	22.53	23.50
		MID	Q16	22.49	22.51	22.52	23.50
		HIGH	Q16	22.40	22.42	22.45	23.50
	50	LOW	Q16	22.46	22.46	22.43	23.50
10	1	LOW	64QAM	22.41	22.66	22.28	23.50
		MID	64QAM	22.23	22.76	22.45	23.50
		HIGH	64QAM	22.00	22.50	22.27	23.50
	25	LOW	64QAM	21.45	21.56	21.47	22.50
		MID	64QAM	21.42	21.43	21.57	22.50
		HIGH	64QAM	21.26	21.30	21.47	22.50
	50	LOW	64QAM	21.35	21.31	21.56	22.50

LTE B17-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.66	24.56	24.50	25.50
		MID	QPSK	24.69	24.47	24.38	25.50
		HIGH	QPSK	24.74	24.50	24.36	25.50
	12	LOW	QPSK	23.52	23.46	23.36	24.50
		MID	QPSK	23.50	23.38	23.31	24.50
		HIGH	QPSK	23.50	23.36	23.23	24.50
	25	LOW	QPSK	23.51	23.40	23.31	24.50
5	1	LOW	Q16	23.71	23.94	23.51	24.50
		MID	Q16	23.72	23.87	23.40	24.50
		HIGH	Q16	23.76	23.92	23.32	24.50
	12	LOW	Q16	22.62	22.65	22.46	23.50
		MID	Q16	22.59	22.56	22.44	23.50
		HIGH	Q16	22.65	22.52	22.35	23.50
	25	LOW	Q16	22.63	22.54	22.37	23.50
5	1	LOW	64QAM	22.56	22.90	22.61	23.50
		MID	64QAM	22.67	22.80	22.30	23.50
		HIGH	64QAM	22.69	23.03	22.42	23.50
	12	LOW	64QAM	21.50	21.58	21.53	22.50
		MID	64QAM	21.49	21.44	21.33	22.50
		HIGH	64QAM	21.74	21.39	21.30	22.50
	25	LOW	64QAM	21.72	21.46	21.42	22.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.40	24.43	25.50
		MID	QPSK	24.52	24.46	24.41	25.50
		HIGH	QPSK	24.34	24.25	24.28	25.50
	25	LOW	QPSK	23.46	23.45	23.39	24.50
		MID	QPSK	23.43	23.43	23.38	24.50
		HIGH	QPSK	23.40	23.38	23.34	24.50
	50	LOW	QPSK	23.48	23.44	23.41	24.50
10	1	LOW	Q16	23.38	23.76	23.48	24.50
		MID	Q16	23.42	23.81	23.49	24.50
		HIGH	Q16	23.22	23.65	23.46	24.50
	25	LOW	Q16	22.60	22.57	22.60	23.50
		MID	Q16	22.55	22.56	22.58	23.50
		HIGH	Q16	22.50	22.49	22.51	23.50
	50	LOW	Q16	22.54	22.55	22.51	23.50
10	1	LOW	64QAM	22.44	22.68	22.52	23.50
		MID	64QAM	22.34	22.70	22.62	23.50
		HIGH	64QAM	22.26	22.64	22.46	23.50
	25	LOW	64QAM	21.53	21.55	21.56	22.50
		MID	64QAM	21.54	21.59	21.53	22.50
		HIGH	64QAM	21.41	21.56	21.40	22.50
	50	LOW	64QAM	21.60	21.58	21.42	22.50

LTE B17-DSI1&2&3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.66	24.56	24.50	25.50
		MID	QPSK	24.69	24.47	24.38	25.50
		HIGH	QPSK	24.74	24.50	24.36	25.50
	12	LOW	QPSK	23.52	23.46	23.36	24.50
		MID	QPSK	23.50	23.38	23.31	24.50
		HIGH	QPSK	23.50	23.36	23.23	24.50
	25	LOW	QPSK	23.51	23.40	23.31	24.50
5	1	LOW	Q16	23.71	23.94	23.51	24.50
		MID	Q16	23.72	23.87	23.40	24.50
		HIGH	Q16	23.76	23.92	23.32	24.50
	12	LOW	Q16	22.62	22.65	22.46	23.50
		MID	Q16	22.59	22.56	22.44	23.50
		HIGH	Q16	22.65	22.52	22.35	23.50
	25	LOW	Q16	22.63	22.54	22.37	23.50
5	1	LOW	64QAM	22.56	22.90	22.61	23.50
		MID	64QAM	22.67	22.80	22.30	23.50
		HIGH	64QAM	22.69	23.03	22.42	23.50
	12	LOW	64QAM	21.50	21.58	21.53	22.50
		MID	64QAM	21.49	21.44	21.33	22.50
		HIGH	64QAM	21.74	21.39	21.30	22.50
	25	LOW	64QAM	21.72	21.46	21.42	22.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.40	24.43	25.50
		MID	QPSK	24.52	24.46	24.43	25.50
		HIGH	QPSK	24.34	24.25	24.28	25.50
	25	LOW	QPSK	23.46	23.45	23.39	24.50
		MID	QPSK	23.43	23.43	23.38	24.50
		HIGH	QPSK	23.40	23.38	23.34	24.50
	50	LOW	QPSK	23.48	23.44	23.41	24.50
10	1	LOW	Q16	23.38	23.76	23.48	24.50
		MID	Q16	23.42	23.81	23.49	24.50
		HIGH	Q16	23.22	23.65	23.46	24.50
	25	LOW	Q16	22.60	22.57	22.60	23.50
		MID	Q16	22.55	22.56	22.58	23.50
		HIGH	Q16	22.50	22.49	22.51	23.50
	50	LOW	Q16	22.54	22.55	22.51	23.50
10	1	LOW	64QAM	22.44	22.68	22.52	23.50
		MID	64QAM	22.34	22.70	22.62	23.50
		HIGH	64QAM	22.26	22.64	22.46	23.50
	25	LOW	64QAM	21.53	21.55	21.56	22.50
		MID	64QAM	21.54	21.59	21.53	22.50
		HIGH	64QAM	21.41	21.56	21.40	22.50
	50	LOW	64QAM	21.60	21.58	21.42	22.50

8.3.8 LTE Band26 Output Power

LTE B26-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.60	23.67	23.69	25.00
		MID	QPSK	23.60	23.64	23.66	25.00
		HIGH	QPSK	23.60	23.65	23.65	25.00
	3	LOW	QPSK	23.68	23.68	23.82	25.00
		MID	QPSK	23.70	23.72	23.84	25.00
		HIGH	QPSK	23.67	23.72	23.77	25.00
	6	LOW	QPSK	22.69	22.72	22.76	24.00
1.4	1	LOW	Q16	22.77	23.13	22.78	24.00
		MID	Q16	22.80	23.09	22.73	24.00
		HIGH	Q16	22.80	23.11	22.75	24.00
	3	LOW	Q16	22.72	22.93	22.88	24.00
		MID	Q16	22.74	22.92	22.88	24.00
		HIGH	Q16	22.74	22.90	22.84	24.00
	6	LOW	Q16	21.88	21.56	21.88	23.00
1.4	1	LOW	64QAM	21.74	22.04	21.65	23.00
		MID	64QAM	21.72	22.05	21.76	23.00
		HIGH	64QAM	21.81	22.21	21.64	23.00
	3	LOW	64QAM	21.64	22.04	21.96	23.00
		MID	64QAM	21.85	21.92	21.96	23.00
		HIGH	64QAM	21.84	21.91	21.89	23.00
	6	LOW	64QAM	20.89	20.44	20.87	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.54	23.70	23.65	25.00
		MID	QPSK	23.84	23.80	23.56	25.00
		HIGH	QPSK	23.75	23.78	23.50	25.00
	8	LOW	QPSK	22.78	22.60	22.91	24.00
		MID	QPSK	22.81	22.71	22.67	24.00
		HIGH	QPSK	22.73	22.62	22.68	24.00
	15	LOW	QPSK	22.72	22.50	22.77	24.00
3	1	LOW	Q16	22.47	22.92	22.98	24.00
		MID	Q16	22.50	23.08	23.22	24.00
		HIGH	Q16	22.60	23.03	22.86	24.00
	8	LOW	Q16	21.66	21.63	21.88	23.00
		MID	Q16	21.82	21.85	21.86	23.00
		HIGH	Q16	21.87	21.85	21.77	23.00
	15	LOW	Q16	21.65	21.52	21.65	23.00
3	1	LOW	64QAM	21.72	21.87	22.01	23.00
		MID	64QAM	21.44	22.29	22.08	23.00
		HIGH	64QAM	21.48	22.09	21.83	23.00
	8	LOW	64QAM	20.53	20.98	20.57	22.00
		MID	64QAM	20.60	20.84	20.61	22.00
		HIGH	64QAM	20.48	20.89	20.78	22.00
	15	LOW	64QAM	20.57	20.56	20.48	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.49	23.77	23.62	25.00
		MID	QPSK	23.71	23.59	23.75	25.00
		HIGH	QPSK	23.83	23.82	23.62	25.00
	12	LOW	QPSK	22.75	22.48	22.92	24.00
		MID	QPSK	22.84	22.76	22.87	24.00
		HIGH	QPSK	22.62	22.54	22.65	24.00
	25	LOW	QPSK	22.57	22.74	22.62	24.00
5	1	LOW	Q16	22.52	23.00	22.96	24.00
		MID	Q16	22.50	23.16	23.01	24.00
		HIGH	Q16	22.70	23.07	23.03	24.00
	12	LOW	Q16	21.78	21.73	21.69	23.00
		MID	Q16	21.81	21.72	21.79	23.00
		HIGH	Q16	21.84	21.71	21.68	23.00
	25	LOW	Q16	21.66	21.53	21.60	23.00
5	1	LOW	64QAM	21.63	21.86	21.96	23.00
		MID	64QAM	21.46	22.13	21.97	23.00
		HIGH	64QAM	21.39	22.23	21.98	23.00
	12	LOW	64QAM	20.67	20.86	20.53	22.00
		MID	64QAM	20.85	20.91	20.58	22.00
		HIGH	64QAM	20.64	20.74	20.65	22.00
	25	LOW	64QAM	20.53	20.73	20.65	22.00
5	1	LOW	64QAM	18.69	18.87	19.19	20.00
		MID	64QAM	18.67	19.20	19.07	20.00
		HIGH	64QAM	18.50	19.12	18.98	20.00
	12	LOW	64QAM	18.29	18.95	18.55	20.00
		MID	64QAM	18.89	19.01	18.42	20.00
		HIGH	64QAM	18.74	18.69	18.78	20.00
	25	LOW	64QAM	18.66	18.87	18.33	20.00

LTE B26-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.67	23.63	23.57	25.00
		MID	QPSK	23.84	23.78	23.57	25.00
		HIGH	QPSK	23.65	23.67	23.61	25.00
	25	LOW	QPSK	22.81	22.70	22.66	24.00
		MID	QPSK	22.63	22.76	22.74	24.00
		HIGH	QPSK	22.60	22.61	22.55	24.00
	50	LOW	QPSK	22.57	22.74	22.60	24.00
10	1	LOW	Q16	22.46	23.17	23.10	24.00
		MID	Q16	22.64	22.97	22.98	24.00
		HIGH	Q16	22.72	23.08	22.91	24.00
	25	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.77	21.65	21.74	23.00
		HIGH	Q16	21.81	21.71	21.58	23.00
	50	LOW	Q16	21.75	21.75	21.66	23.00
10	1	LOW	64QAM	21.76	22.00	22.07	23.00
		MID	64QAM	21.49	22.10	22.17	23.00
		HIGH	64QAM	21.35	22.12	22.03	23.00
	25	LOW	64QAM	20.65	20.87	20.54	22.00
		MID	64QAM	20.58	20.93	20.71	22.00
		HIGH	64QAM	20.60	20.63	20.66	22.00
	50	LOW	64QAM	20.44	20.85	20.69	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.64	23.64	25.00
		MID	QPSK	23.71	23.72	23.71	25.00
		HIGH	QPSK	23.70	23.67	23.64	25.00
	36	LOW	QPSK	22.66	22.62	22.77	24.00
		MID	QPSK	22.70	22.69	22.72	24.00
		HIGH	QPSK	22.75	22.67	22.65	24.00
	75	LOW	QPSK	22.71	22.64	22.72	24.00
15	1	LOW	Q16	22.54	23.03	22.99	24.00
		MID	Q16	22.61	23.10	23.10	24.00
		HIGH	Q16	22.60	23.05	23.01	24.00
	36	LOW	Q16	21.70	21.72	21.73	23.00
		MID	Q16	21.68	21.75	21.72	23.00
		HIGH	Q16	21.72	21.72	21.63	23.00
	75	LOW	Q16	21.70	21.67	21.66	23.00
15	1	LOW	64QAM	21.67	22.00	22.02	23.00
		MID	64QAM	21.49	22.14	22.12	23.00
		HIGH	64QAM	21.47	22.16	21.93	23.00
	36	LOW	64QAM	20.57	20.86	20.61	22.00
		MID	64QAM	20.72	20.90	20.71	22.00
		HIGH	64QAM	20.59	20.75	20.66	22.00
	75	LOW	64QAM	20.57	20.70	20.59	22.00

LTE B26-DSI1&2&3&4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.60	23.67	23.69	25.00
		MID	QPSK	23.60	23.64	23.66	25.00
		HIGH	QPSK	23.60	23.65	23.65	25.00
	3	LOW	QPSK	23.68	23.68	23.82	25.00
		MID	QPSK	23.70	23.72	23.84	25.00
		HIGH	QPSK	23.67	23.72	23.77	25.00
	6	LOW	QPSK	22.69	22.72	22.76	24.00
1.4	1	LOW	Q16	22.77	23.13	22.78	24.00
		MID	Q16	22.80	23.09	22.73	24.00
		HIGH	Q16	22.80	23.11	22.75	24.00
	3	LOW	Q16	22.72	22.93	22.88	24.00
		MID	Q16	22.74	22.92	22.88	24.00
		HIGH	Q16	22.74	22.90	22.84	24.00
	6	LOW	Q16	21.88	21.56	21.88	23.00
1.4	1	LOW	64QAM	21.74	22.04	21.65	23.00
		MID	64QAM	21.72	22.05	21.76	23.00
		HIGH	64QAM	21.81	22.21	21.64	23.00
	3	LOW	64QAM	21.64	22.04	21.96	23.00
		MID	64QAM	21.85	21.92	21.96	23.00
		HIGH	64QAM	21.84	21.91	21.89	23.00
	6	LOW	64QAM	20.89	20.44	20.87	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.54	23.70	23.65	25.00
		MID	QPSK	23.84	23.80	23.56	25.00
		HIGH	QPSK	23.75	23.78	23.50	25.00
	8	LOW	QPSK	22.78	22.60	22.91	24.00
		MID	QPSK	22.81	22.71	22.67	24.00
		HIGH	QPSK	22.73	22.62	22.68	24.00
	15	LOW	QPSK	22.72	22.50	22.77	24.00
3	1	LOW	Q16	22.47	22.92	22.98	24.00
		MID	Q16	22.50	23.08	23.22	24.00
		HIGH	Q16	22.60	23.03	22.86	24.00
	8	LOW	Q16	21.66	21.63	21.88	23.00
		MID	Q16	21.82	21.85	21.86	23.00
		HIGH	Q16	21.87	21.85	21.77	23.00
	15	LOW	Q16	21.65	21.52	21.65	23.00
3	1	LOW	64QAM	21.72	21.87	22.01	23.00
		MID	64QAM	21.44	22.29	22.08	23.00
		HIGH	64QAM	21.48	22.09	21.83	23.00
	8	LOW	64QAM	20.53	20.98	20.57	22.00
		MID	64QAM	20.60	20.84	20.61	22.00
		HIGH	64QAM	20.48	20.89	20.78	22.00
	15	LOW	64QAM	20.57	20.56	20.48	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.49	23.77	23.62	25.00
		MID	QPSK	23.71	23.59	23.75	25.00
		HIGH	QPSK	23.83	23.82	23.62	25.00
	12	LOW	QPSK	22.75	22.48	22.92	24.00
		MID	QPSK	22.84	22.76	22.87	24.00
		HIGH	QPSK	22.62	22.54	22.65	24.00
	25	LOW	QPSK	22.57	22.74	22.62	24.00
5	1	LOW	Q16	22.52	23.00	22.96	24.00
		MID	Q16	22.50	23.16	23.01	24.00
		HIGH	Q16	22.70	23.07	23.03	24.00
	12	LOW	Q16	21.78	21.73	21.69	23.00
		MID	Q16	21.81	21.72	21.79	23.00
		HIGH	Q16	21.84	21.71	21.68	23.00
	25	LOW	Q16	21.66	21.53	21.60	23.00
5	1	LOW	64QAM	21.63	21.86	21.96	23.00
		MID	64QAM	21.46	22.13	21.97	23.00
		HIGH	64QAM	21.39	22.23	21.98	23.00
	12	LOW	64QAM	20.67	20.86	20.53	22.00
		MID	64QAM	20.85	20.91	20.58	22.00
		HIGH	64QAM	20.64	20.74	20.65	22.00
	25	LOW	64QAM	20.53	20.73	20.65	22.00
5	1	LOW	64QAM	18.69	18.87	19.19	20.00
		MID	64QAM	18.67	19.20	19.07	20.00
		HIGH	64QAM	18.50	19.12	18.98	20.00
	12	LOW	64QAM	18.29	18.95	18.55	20.00
		MID	64QAM	18.89	19.01	18.42	20.00
		HIGH	64QAM	18.74	18.69	18.78	20.00
	25	LOW	64QAM	18.66	18.87	18.33	20.00

LTE B26-DSI1&2&3&4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.67	23.63	23.57	25.00
		MID	QPSK	23.84	23.78	23.57	25.00
		HIGH	QPSK	23.65	23.67	23.61	25.00
	25	LOW	QPSK	22.81	22.70	22.66	24.00
		MID	QPSK	22.63	22.76	22.74	24.00
		HIGH	QPSK	22.60	22.61	22.55	24.00
	50	LOW	QPSK	22.57	22.74	22.60	24.00
10	1	LOW	Q16	22.46	23.17	23.10	24.00
		MID	Q16	22.64	22.97	22.98	24.00
		HIGH	Q16	22.72	23.08	22.91	24.00
	25	LOW	Q16	21.82	21.67	21.60	23.00
		MID	Q16	21.77	21.65	21.74	23.00
		HIGH	Q16	21.81	21.71	21.58	23.00
	50	LOW	Q16	21.75	21.75	21.66	23.00
10	1	LOW	64QAM	21.76	22.00	22.07	23.00
		MID	64QAM	21.49	22.10	22.17	23.00
		HIGH	64QAM	21.35	22.12	22.03	23.00
	25	LOW	64QAM	20.65	20.87	20.54	22.00
		MID	64QAM	20.58	20.93	20.71	22.00
		HIGH	64QAM	20.60	20.63	20.66	22.00
	50	LOW	64QAM	20.44	20.85	20.69	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.63	23.64	23.64	25.00
		MID	QPSK	23.71	23.72	23.71	25.00
		HIGH	QPSK	23.70	23.67	23.64	25.00
	36	LOW	QPSK	22.66	22.62	22.77	24.00
		MID	QPSK	22.70	22.69	22.72	24.00
		HIGH	QPSK	22.75	22.67	22.65	24.00
	75	LOW	QPSK	22.71	22.64	22.72	24.00
15	1	LOW	Q16	22.54	23.03	22.99	24.00
		MID	Q16	22.61	23.10	23.10	24.00
		HIGH	Q16	22.60	23.05	23.01	24.00
	36	LOW	Q16	21.70	21.72	21.73	23.00
		MID	Q16	21.68	21.75	21.72	23.00
		HIGH	Q16	21.72	21.72	21.63	23.00
	75	LOW	Q16	21.70	21.67	21.66	23.00
15	1	LOW	64QAM	21.67	22.00	22.02	23.00
		MID	64QAM	21.49	22.14	22.12	23.00
		HIGH	64QAM	21.47	22.16	21.93	23.00
	36	LOW	64QAM	20.57	20.86	20.61	22.00
		MID	64QAM	20.72	20.90	20.71	22.00
		HIGH	64QAM	20.59	20.75	20.66	22.00
	75	LOW	64QAM	20.57	20.70	20.59	22.00

LTE B26-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.79	23.88	23.85	25.00
		MID	QPSK	23.79	23.85	23.83	25.00
		HIGH	QPSK	23.79	23.82	23.78	25.00
	3	LOW	QPSK	23.87	23.89	23.97	25.00
		MID	QPSK	23.92	23.91	23.98	25.00
		HIGH	QPSK	23.89	23.89	23.91	25.00
	6	LOW	QPSK	22.88	22.90	22.92	24.00
1.4	1	LOW	Q16	22.97	23.32	22.94	24.00
		MID	Q16	23.00	23.29	22.92	24.00
		HIGH	Q16	22.98	23.30	22.93	24.00
	3	LOW	Q16	22.92	23.13	23.05	24.00
		MID	Q16	22.91	23.11	23.06	24.00
		HIGH	Q16	22.91	23.08	22.98	24.00
	6	LOW	Q16	22.05	21.74	22.00	23.00
1.4	1	LOW	64QAM	22.07	22.40	21.82	23.00
		MID	64QAM	22.07	22.27	22.05	23.00
		HIGH	64QAM	21.98	22.35	21.90	23.00
	3	LOW	64QAM	21.90	22.22	21.91	23.00
		MID	64QAM	21.88	22.11	22.03	23.00
		HIGH	64QAM	21.91	22.19	22.10	23.00
	6	LOW	64QAM	21.14	20.64	20.95	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.85	23.77	23.69	25.00
		MID	QPSK	23.94	23.94	23.87	25.00
		HIGH	QPSK	23.93	23.85	23.75	25.00
	8	LOW	QPSK	22.72	22.71	22.95	24.00
		MID	QPSK	22.71	22.79	22.78	24.00
		HIGH	QPSK	22.81	22.74	22.80	24.00
	15	LOW	QPSK	22.90	22.72	22.92	24.00
3	1	LOW	Q16	22.74	23.06	23.34	24.00
		MID	Q16	22.66	23.35	23.38	24.00
		HIGH	Q16	22.67	23.35	23.17	24.00
	8	LOW	Q16	21.98	21.90	21.97	23.00
		MID	Q16	21.99	22.00	21.76	23.00
		HIGH	Q16	21.84	21.81	21.92	23.00
	15	LOW	Q16	21.89	22.02	21.84	23.00
3	1	LOW	64QAM	21.88	22.19	22.28	23.00
		MID	64QAM	21.95	22.45	22.46	23.00
		HIGH	64QAM	21.72	22.34	22.35	23.00
	8	LOW	64QAM	20.87	21.00	20.78	22.00
		MID	64QAM	20.95	20.96	21.05	22.00
		HIGH	64QAM	21.10	21.15	20.77	22.00
	15	LOW	64QAM	20.84	21.02	20.68	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.89	23.99	23.67	25.00
		MID	QPSK	23.84	23.79	23.92	25.00
		HIGH	QPSK	23.78	23.84	23.79	25.00
	12	LOW	QPSK	22.81	22.88	22.84	24.00
		MID	QPSK	22.93	22.94	22.80	24.00
		HIGH	QPSK	23.02	22.89	22.92	24.00
	25	LOW	QPSK	22.96	23.00	22.80	24.00
5	1	LOW	Q16	22.71	23.17	23.29	24.00
		MID	Q16	22.77	23.37	23.12	24.00
		HIGH	Q16	22.77	23.25	23.21	24.00
	12	LOW	Q16	21.75	21.94	21.88	23.00
		MID	Q16	21.82	21.87	21.94	23.00
		HIGH	Q16	21.78	21.95	21.69	23.00
	25	LOW	Q16	21.68	21.90	21.89	23.00
5	1	LOW	64QAM	21.80	22.40	22.38	23.00
		MID	64QAM	21.75	22.42	22.32	23.00
		HIGH	64QAM	21.75	22.40	22.44	23.00
	12	LOW	64QAM	20.90	20.94	20.83	22.00
		MID	64QAM	20.83	20.97	20.97	22.00
		HIGH	64QAM	21.14	20.94	21.00	22.00
	25	LOW	64QAM	20.85	21.01	20.63	22.00
5	1	LOW	64QAM	18.97	19.29	19.26	20.00
		MID	64QAM	18.73	19.27	19.49	20.00
		HIGH	64QAM	18.96	19.05	19.11	20.00
	12	LOW	64QAM	18.67	18.99	18.71	20.00
		MID	64QAM	18.80	18.73	19.02	20.00
		HIGH	64QAM	19.02	18.91	18.76	20.00
	25	LOW	64QAM	18.64	18.99	18.53	20.00

LTE B26-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.73	23.91	23.75	25.00
		MID	QPSK	23.80	23.81	24.03	25.00
		HIGH	QPSK	23.79	23.91	23.81	25.00
	25	LOW	QPSK	22.69	22.80	22.85	24.00
		MID	QPSK	22.90	22.69	22.95	24.00
		HIGH	QPSK	22.78	22.82	22.88	24.00
	50	LOW	QPSK	23.02	22.75	23.02	24.00
10	1	LOW	Q16	22.74	23.29	23.07	24.00
		MID	Q16	22.91	23.25	23.17	24.00
		HIGH	Q16	22.75	23.35	23.16	24.00
	25	LOW	Q16	21.88	22.00	21.95	23.00
		MID	Q16	21.86	21.95	21.90	23.00
		HIGH	Q16	22.01	21.95	21.74	23.00
	50	LOW	Q16	21.89	21.99	21.77	23.00
10	1	LOW	64QAM	21.87	22.28	22.30	23.00
		MID	64QAM	21.79	22.41	22.18	23.00
		HIGH	64QAM	21.75	22.24	22.36	23.00
	25	LOW	64QAM	20.64	20.85	20.88	22.00
		MID	64QAM	20.86	20.87	20.99	22.00
		HIGH	64QAM	20.88	20.85	21.00	22.00
	50	LOW	64QAM	20.61	21.08	20.69	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.80	23.84	23.82	25.00
		MID	QPSK	23.88	23.91	23.88	25.00
		HIGH	QPSK	23.86	23.86	23.81	25.00
	36	LOW	QPSK	22.79	22.85	22.94	24.00
		MID	QPSK	22.86	22.84	22.88	24.00
		HIGH	QPSK	22.93	22.83	22.79	24.00
	75	LOW	QPSK	22.87	22.86	22.89	24.00
15	1	LOW	Q16	22.70	23.21	23.21	24.00
		MID	Q16	22.79	23.29	23.26	24.00
		HIGH	Q16	22.77	23.23	23.21	24.00
	36	LOW	Q16	21.87	21.90	21.88	23.00
		MID	Q16	21.87	21.92	21.89	23.00
		HIGH	Q16	21.93	21.90	21.79	23.00
	75	LOW	Q16	21.83	21.87	21.82	23.00
15	1	LOW	64QAM	21.85	22.26	22.26	23.00
		MID	64QAM	21.90	22.44	22.31	23.00
		HIGH	64QAM	21.73	22.25	22.32	23.00
	36	LOW	64QAM	20.76	20.97	20.82	22.00
		MID	64QAM	20.90	20.95	21.03	22.00
		HIGH	64QAM	21.00	21.00	20.85	22.00
	75	LOW	64QAM	20.72	20.95	20.72	22.00

LTE B26-DSI1&2&3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.79	23.88	23.85	25.00
		MID	QPSK	23.79	23.85	23.83	25.00
		HIGH	QPSK	23.79	23.82	23.78	25.00
	3	LOW	QPSK	23.87	23.89	23.97	25.00
		MID	QPSK	23.92	23.91	23.98	25.00
		HIGH	QPSK	23.89	23.89	23.91	25.00
	6	LOW	QPSK	22.88	22.90	22.92	24.00
1.4	1	LOW	Q16	22.97	23.32	22.94	24.00
		MID	Q16	23.00	23.29	22.92	24.00
		HIGH	Q16	22.98	23.30	22.93	24.00
	3	LOW	Q16	22.92	23.13	23.05	24.00
		MID	Q16	22.91	23.11	23.06	24.00
		HIGH	Q16	22.91	23.08	22.98	24.00
	6	LOW	Q16	22.05	21.74	22.00	23.00
1.4	1	LOW	64QAM	22.07	22.40	21.82	23.00
		MID	64QAM	22.07	22.27	22.05	23.00
		HIGH	64QAM	21.98	22.35	21.90	23.00
	3	LOW	64QAM	21.90	22.22	21.91	23.00
		MID	64QAM	21.88	22.11	22.03	23.00
		HIGH	64QAM	21.91	22.19	22.10	23.00
	6	LOW	64QAM	21.14	20.64	20.95	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.85	23.77	23.69	25.00
		MID	QPSK	23.94	23.94	23.87	25.00
		HIGH	QPSK	23.93	23.85	23.75	25.00
	8	LOW	QPSK	22.72	22.71	22.95	24.00
		MID	QPSK	22.71	22.79	22.78	24.00
		HIGH	QPSK	22.81	22.74	22.80	24.00
	15	LOW	QPSK	22.90	22.72	22.92	24.00
3	1	LOW	Q16	22.74	23.06	23.34	24.00
		MID	Q16	22.66	23.35	23.38	24.00
		HIGH	Q16	22.67	23.35	23.17	24.00
	8	LOW	Q16	21.98	21.90	21.97	23.00
		MID	Q16	21.99	22.00	21.76	23.00
		HIGH	Q16	21.84	21.81	21.92	23.00
	15	LOW	Q16	21.89	22.02	21.84	23.00
3	1	LOW	64QAM	21.88	22.19	22.28	23.00
		MID	64QAM	21.95	22.45	22.46	23.00
		HIGH	64QAM	21.72	22.34	22.35	23.00
	8	LOW	64QAM	20.87	21.00	20.78	22.00
		MID	64QAM	20.95	20.96	21.05	22.00
		HIGH	64QAM	21.10	21.15	20.77	22.00
	15	LOW	64QAM	20.84	21.02	20.68	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.89	23.99	23.67	25.00
		MID	QPSK	23.84	23.79	23.92	25.00
		HIGH	QPSK	23.78	23.84	23.79	25.00
	12	LOW	QPSK	22.81	22.88	22.84	24.00
		MID	QPSK	22.93	22.94	22.80	24.00
		HIGH	QPSK	23.02	22.89	22.92	24.00
	25	LOW	QPSK	22.96	23.00	22.80	24.00
5	1	LOW	Q16	22.71	23.17	23.29	24.00
		MID	Q16	22.77	23.37	23.12	24.00
		HIGH	Q16	22.77	23.25	23.21	24.00
	12	LOW	Q16	21.75	21.94	21.88	23.00
		MID	Q16	21.82	21.87	21.94	23.00
		HIGH	Q16	21.78	21.95	21.69	23.00
	25	LOW	Q16	21.68	21.90	21.89	23.00
5	1	LOW	64QAM	21.80	22.40	22.38	23.00
		MID	64QAM	21.75	22.42	22.32	23.00
		HIGH	64QAM	21.75	22.40	22.44	23.00
	12	LOW	64QAM	20.90	20.94	20.83	22.00
		MID	64QAM	20.83	20.97	20.97	22.00
		HIGH	64QAM	21.14	20.94	21.00	22.00
	25	LOW	64QAM	20.85	21.01	20.63	22.00
5	1	LOW	64QAM	18.97	19.29	19.26	20.00
		MID	64QAM	18.73	19.27	19.49	20.00
		HIGH	64QAM	18.96	19.05	19.11	20.00
	12	LOW	64QAM	18.67	18.99	18.71	20.00
		MID	64QAM	18.80	18.73	19.02	20.00
		HIGH	64QAM	19.02	18.91	18.76	20.00
	25	LOW	64QAM	18.64	18.99	18.53	20.00

LTE B26-DSI1&2&3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.73	23.91	23.75	25.00
		MID	QPSK	23.80	23.81	24.03	25.00
		HIGH	QPSK	23.79	23.91	23.81	25.00
	25	LOW	QPSK	22.69	22.80	22.85	24.00
		MID	QPSK	22.90	22.69	22.95	24.00
		HIGH	QPSK	22.78	22.82	22.88	24.00
	50	LOW	QPSK	23.02	22.75	23.02	24.00
10	1	LOW	Q16	22.74	23.29	23.07	24.00
		MID	Q16	22.91	23.25	23.17	24.00
		HIGH	Q16	22.75	23.35	23.16	24.00
	25	LOW	Q16	21.88	22.00	21.95	23.00
		MID	Q16	21.86	21.95	21.90	23.00
		HIGH	Q16	22.01	21.95	21.74	23.00
	50	LOW	Q16	21.89	21.99	21.77	23.00
10	1	LOW	64QAM	21.87	22.28	22.30	23.00
		MID	64QAM	21.79	22.41	22.18	23.00
		HIGH	64QAM	21.75	22.24	22.36	23.00
	25	LOW	64QAM	20.64	20.85	20.88	22.00
		MID	64QAM	20.86	20.87	20.99	22.00
		HIGH	64QAM	20.88	20.85	21.00	22.00
	50	LOW	64QAM	20.61	21.08	20.69	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.80	23.84	23.82	25.00
		MID	QPSK	23.88	23.91	23.88	25.00
		HIGH	QPSK	23.86	23.86	23.81	25.00
	36	LOW	QPSK	22.79	22.85	22.94	24.00
		MID	QPSK	22.86	22.84	22.88	24.00
		HIGH	QPSK	22.93	22.83	22.79	24.00
	75	LOW	QPSK	22.87	22.86	22.89	24.00
15	1	LOW	Q16	22.70	23.21	23.21	24.00
		MID	Q16	22.79	23.29	23.26	24.00
		HIGH	Q16	22.77	23.23	23.21	24.00
	36	LOW	Q16	21.87	21.90	21.88	23.00
		MID	Q16	21.87	21.92	21.89	23.00
		HIGH	Q16	21.93	21.90	21.79	23.00
	75	LOW	Q16	21.83	21.87	21.82	23.00
15	1	LOW	64QAM	21.85	22.26	22.26	23.00
		MID	64QAM	21.90	22.44	22.31	23.00
		HIGH	64QAM	21.73	22.25	22.32	23.00
	36	LOW	64QAM	20.76	20.97	20.82	22.00
		MID	64QAM	20.90	20.95	21.03	22.00
		HIGH	64QAM	21.00	21.00	20.85	22.00
	75	LOW	64QAM	20.72	20.95	20.72	22.00

8.3.9 LTE Band66 Output Power

LTE B66-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.90	23.77	23.88	25.00
		MID	QPSK	23.91	23.76	23.89	25.00
		HIGH	QPSK	23.91	23.76	23.86	25.00
	3	LOW	QPSK	23.97	23.89	23.99	24.00
		MID	QPSK	24.00	23.90	23.54	24.00
		HIGH	QPSK	23.98	23.87	23.99	24.00
	6	LOW	QPSK	23.02	22.92	22.97	24.00
1.4	1	LOW	Q16	23.08	23.27	22.88	24.00
		MID	Q16	23.11	23.25	22.85	24.00
		HIGH	Q16	23.10	23.28	22.88	24.00
	3	LOW	Q16	22.54	22.65	22.54	23.00
		MID	Q16	22.56	22.58	22.54	23.00
		HIGH	Q16	22.57	22.59	22.55	23.00
	6	LOW	Q16	22.19	21.81	22.12	23.00
1.4	1	LOW	64QAM	21.94	22.16	21.84	23.00
		MID	64QAM	21.96	22.28	21.74	23.00
		HIGH	64QAM	22.25	22.29	21.76	23.00
	3	LOW	64QAM	21.60	21.72	21.57	22.00
		MID	64QAM	21.70	21.72	21.64	22.00
		HIGH	64QAM	21.56	21.61	21.64	22.00
	6	LOW	64QAM	21.19	20.73	21.15	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.78	23.74	23.79	25.00
		MID	QPSK	23.79	23.96	23.78	25.00
		HIGH	QPSK	23.68	23.69	23.85	25.00
	8	LOW	QPSK	22.78	22.89	22.95	24.00
		MID	QPSK	23.02	23.13	23.02	24.00
		HIGH	QPSK	22.98	23.04	23.01	24.00
	15	LOW	QPSK	22.88	22.92	22.93	24.00
3	1	LOW	Q16	23.64	22.88	23.12	24.00
		MID	Q16	23.43	23.09	23.25	24.00
		HIGH	Q16	23.52	23.12	23.36	24.00
	8	LOW	Q16	21.97	21.85	21.99	23.00
		MID	Q16	21.91	22.09	21.86	23.00
		HIGH	Q16	21.96	21.93	21.86	23.00
	15	LOW	Q16	21.82	21.80	21.93	23.00
3	1	LOW	64QAM	22.72	22.06	22.08	23.00
		MID	64QAM	22.45	22.08	22.42	23.00
		HIGH	64QAM	22.63	22.09	22.12	23.00
	8	LOW	64QAM	20.93	20.91	20.90	22.00
		MID	64QAM	21.06	20.77	20.88	22.00
		HIGH	64QAM	20.92	20.98	21.14	22.00
	15	LOW	64QAM	20.81	21.16	20.73	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.71	23.59	23.82	25.00
		MID	QPSK	23.86	23.78	23.95	25.00
		HIGH	QPSK	23.67	23.73	23.88	25.00
	12	LOW	QPSK	23.00	22.97	22.93	24.00
		MID	QPSK	23.04	23.11	23.10	24.00
		HIGH	QPSK	22.93	23.03	23.13	24.00
	25	LOW	QPSK	23.03	22.88	22.85	24.00
5	1	LOW	Q16	23.65	22.98	23.25	24.00
		MID	Q16	23.69	23.22	23.45	24.00
		HIGH	Q16	23.58	23.15	23.28	24.00
	12	LOW	Q16	22.05	21.86	21.88	23.00
		MID	Q16	21.83	21.96	22.07	23.00
		HIGH	Q16	21.90	21.78	22.02	23.00
	25	LOW	Q16	21.94	21.80	22.05	23.00
5	1	LOW	64QAM	22.72	22.00	22.25	23.00
		MID	64QAM	22.54	22.29	22.39	23.00
		HIGH	64QAM	22.70	22.20	22.08	23.00
	12	LOW	64QAM	21.13	21.09	20.98	22.00
		MID	64QAM	21.15	20.96	20.87	22.00
		HIGH	64QAM	20.85	21.03	21.22	22.00
	25	LOW	64QAM	21.05	21.04	20.97	22.00

LTE B66-Full Power -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.72	23.83	23.53	25.00
		MID	QPSK	23.84	24.00	23.93	25.00
		HIGH	QPSK	23.80	23.91	23.94	25.00
	25	LOW	QPSK	23.02	23.09	23.00	24.00
		MID	QPSK	22.95	22.93	23.01	24.00
		HIGH	QPSK	22.99	22.83	22.86	24.00
	50	LOW	QPSK	22.77	22.87	22.85	24.00
10	1	LOW	Q16	23.49	22.96	23.23	24.00
		MID	Q16	23.54	23.16	23.34	24.00
		HIGH	Q16	23.48	23.04	23.27	24.00
	25	LOW	Q16	21.80	22.01	21.81	23.00
		MID	Q16	21.86	22.05	22.06	23.00
		HIGH	Q16	22.00	22.07	21.89	23.00
	50	LOW	Q16	21.91	21.82	21.92	23.00
10	1	LOW	64QAM	22.45	22.03	21.99	23.00
		MID	64QAM	22.61	22.19	22.47	23.00
		HIGH	64QAM	22.46	22.15	22.29	23.00
	25	LOW	64QAM	21.05	21.07	20.76	22.00
		MID	64QAM	20.99	20.88	21.14	22.00
		HIGH	64QAM	20.73	20.93	21.08	22.00
	50	LOW	64QAM	21.06	21.05	20.84	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.82	23.82	23.76	25.00
		MID	QPSK	23.91	23.82	23.77	25.00
		HIGH	QPSK	23.87	23.89	23.70	25.00
	36	LOW	QPSK	22.79	22.89	23.02	24.00
		MID	QPSK	23.04	23.08	22.97	24.00
		HIGH	QPSK	22.87	22.96	22.92	24.00
	75	LOW	QPSK	22.84	22.83	22.85	24.00
15	1	LOW	Q16	23.59	23.15	23.08	24.00
		MID	Q16	23.51	23.24	23.44	24.00
		HIGH	Q16	23.45	23.07	23.34	24.00
	36	LOW	Q16	22.02	21.85	21.91	23.00
		MID	Q16	21.95	21.92	21.85	23.00
		HIGH	Q16	22.03	21.99	21.98	23.00
	75	LOW	Q16	21.99	21.85	22.06	23.00
15	1	LOW	64QAM	22.52	22.00	22.11	23.00
		MID	64QAM	22.61	22.24	22.38	23.00
		HIGH	64QAM	22.47	22.14	22.02	23.00
	36	LOW	64QAM	20.98	21.06	20.99	22.00
		MID	64QAM	21.08	20.66	20.89	22.00
		HIGH	64QAM	20.81	21.00	21.07	22.00
	75	LOW	64QAM	20.79	20.93	20.69	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.80	23.72	23.68	25.00
		MID	QPSK	23.79	23.85	23.86	25.00
		HIGH	QPSK	23.75	23.80	23.80	25.00
	50	LOW	QPSK	22.91	22.98	22.95	24.00
		MID	QPSK	22.98	23.00	23.01	24.00
		HIGH	QPSK	22.91	22.93	23.00	24.00
	100	LOW	QPSK	22.92	22.92	22.96	24.00
20	1	LOW	Q16	23.53	23.03	23.12	24.00
		MID	Q16	23.55	23.16	23.30	24.00
		HIGH	Q16	23.49	23.09	23.24	24.00
	50	LOW	Q16	21.91	21.97	21.95	23.00
		MID	Q16	21.98	21.96	21.99	23.00
		HIGH	Q16	21.94	21.93	21.94	23.00
	100	LOW	Q16	21.91	21.89	21.94	23.00
20	1	LOW	64QAM	22.59	22.11	22.10	23.00
		MID	64QAM	22.56	22.19	22.32	23.00
		HIGH	64QAM	22.60	22.09	22.14	23.00
	50	LOW	64QAM	21.00	21.01	20.84	22.00
		MID	64QAM	21.02	20.81	20.99	22.00
		HIGH	64QAM	20.81	20.99	21.09	22.00
	100	LOW	64QAM	20.94	21.03	20.84	22.00

LTE B66-DSI1 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.85	17.63	17.54	19.00
		MID	QPSK	17.84	17.64	17.56	19.00
		HIGH	QPSK	17.85	17.64	17.56	19.00
	3	LOW	QPSK	17.85	17.70	17.64	19.00
		MID	QPSK	17.87	17.73	17.66	19.00
		HIGH	QPSK	17.84	17.73	17.65	19.00
	6	LOW	QPSK	17.88	17.72	17.63	19.00
1.4	1	LOW	Q16	17.77	17.77	17.40	19.00
		MID	Q16	17.64	17.67	17.77	19.00
		HIGH	Q16	17.60	17.68	17.53	19.00
	3	LOW	Q16	17.82	17.70	17.73	19.00
		MID	Q16	17.70	17.71	17.57	19.00
		HIGH	Q16	17.68	17.69	17.88	19.00
	6	LOW	Q16	17.60	17.61	17.66	19.00
1.4	1	LOW	64QAM	17.95	17.39	17.64	19.00
		MID	64QAM	17.91	17.78	17.80	19.00
		HIGH	64QAM	17.74	17.67	17.41	19.00
	3	LOW	64QAM	17.82	17.95	17.83	19.00
		MID	64QAM	17.92	17.87	17.78	19.00
		HIGH	64QAM	17.78	17.81	17.91	19.00
	6	LOW	64QAM	17.48	17.62	17.72	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.84	17.74	17.45	19.00
		MID	QPSK	17.64	17.84	17.64	19.00
		HIGH	QPSK	17.72	17.56	17.61	19.00
	8	LOW	QPSK	17.65	17.82	17.63	19.00
		MID	QPSK	17.90	17.93	17.65	19.00
		HIGH	QPSK	17.91	17.65	17.65	19.00
	15	LOW	QPSK	17.76	17.75	17.57	19.00
3	1	LOW	Q16	17.78	17.78	17.49	19.00
		MID	Q16	17.67	17.69	17.56	19.00
		HIGH	Q16	17.59	17.82	17.48	19.00
	8	LOW	Q16	17.83	17.85	17.78	19.00
		MID	Q16	17.70	17.70	17.82	19.00
		HIGH	Q16	17.74	17.74	17.59	19.00
	15	LOW	Q16	17.59	17.90	17.70	19.00
3	1	LOW	64QAM	17.83	17.47	17.51	19.00
		MID	64QAM	17.76	17.55	17.82	19.00
		HIGH	64QAM	17.76	17.85	17.42	19.00
	8	LOW	64QAM	17.76	17.96	17.98	19.00
		MID	64QAM	17.78	17.83	17.76	19.00
		HIGH	64QAM	17.88	17.79	17.96	19.00
	15	LOW	64QAM	17.66	17.80	17.79	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.58	17.63	17.65	19.00
		MID	QPSK	17.68	17.68	17.52	19.00
		HIGH	QPSK	17.75	17.75	17.62	19.00
	12	LOW	QPSK	17.79	17.73	17.77	19.00
		MID	QPSK	17.93	17.92	17.57	19.00
		HIGH	QPSK	17.81	17.90	17.60	19.00
	25	LOW	QPSK	17.63	17.87	17.69	19.00
5	1	LOW	Q16	17.71	17.77	17.61	19.00
		MID	Q16	17.69	17.74	17.67	19.00
		HIGH	Q16	17.65	17.63	17.53	19.00
	12	LOW	Q16	17.82	17.71	17.61	19.00
		MID	Q16	17.69	17.90	17.60	19.00
		HIGH	Q16	17.85	17.87	17.58	19.00
	25	LOW	Q16	17.80	17.85	17.72	19.00
5	1	LOW	64QAM	17.71	17.49	17.59	19.00
		MID	64QAM	17.74	17.76	17.67	19.00
		HIGH	64QAM	17.74	17.73	17.51	19.00
	12	LOW	64QAM	17.56	17.82	17.92	19.00
		MID	64QAM	18.01	17.70	17.74	19.00
		HIGH	64QAM	17.72	17.96	17.86	19.00
	25	LOW	64QAM	17.54	17.86	17.84	19.00

LTE B66-DSI1&2&3&4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.57	17.55	17.51	19.00
		MID	QPSK	17.85	17.78	17.72	19.00
		HIGH	QPSK	17.62	17.67	17.62	19.00
	25	LOW	QPSK	17.81	17.93	17.63	19.00
		MID	QPSK	17.74	17.95	17.73	19.00
		HIGH	QPSK	17.83	17.83	17.81	19.00
	50	LOW	QPSK	17.79	17.77	17.83	19.00
10	1	LOW	Q16	17.86	17.52	17.53	19.00
		MID	Q16	17.77	17.79	17.76	19.00
		HIGH	Q16	17.72	17.53	17.48	19.00
	25	LOW	Q16	17.71	17.94	17.75	19.00
		MID	Q16	17.96	17.74	17.71	19.00
		HIGH	Q16	17.66	17.89	17.88	19.00
	50	LOW	Q16	17.78	17.78	17.60	19.00
10	1	LOW	64QAM	17.78	17.39	17.47	19.00
		MID	64QAM	17.91	17.66	17.55	19.00
		HIGH	64QAM	17.67	17.76	17.41	19.00
	25	LOW	64QAM	17.74	17.91	18.03	19.00
		MID	64QAM	17.79	17.57	17.86	19.00
		HIGH	64QAM	17.71	17.95	17.96	19.00
	50	LOW	64QAM	17.50	17.83	17.97	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.58	17.63	17.50	19.00
		MID	QPSK	17.73	17.61	17.56	19.00
		HIGH	QPSK	17.54	17.58	17.60	19.00
	36	LOW	QPSK	17.91	17.67	17.88	19.00
		MID	QPSK	17.82	17.73	17.87	19.00
		HIGH	QPSK	17.87	17.66	17.67	19.00
	75	LOW	QPSK	17.65	17.89	17.56	19.00
15	1	LOW	Q16	17.57	17.52	17.51	19.00
		MID	Q16	17.80	17.62	17.67	19.00
		HIGH	Q16	17.67	17.61	17.61	19.00
	36	LOW	Q16	17.84	17.78	17.86	19.00
		MID	Q16	17.90	17.93	17.72	19.00
		HIGH	Q16	17.68	17.65	17.62	19.00
	75	LOW	Q16	17.66	17.80	17.77	19.00
15	1	LOW	64QAM	17.76	17.47	17.51	19.00
		MID	64QAM	18.01	17.63	17.67	19.00
		HIGH	64QAM	17.71	17.69	17.27	19.00
	36	LOW	64QAM	17.66	17.91	18.02	19.00
		MID	64QAM	17.82	17.61	17.71	19.00
		HIGH	64QAM	17.78	17.93	17.92	19.00
	75	LOW	64QAM	17.66	17.62	17.98	19.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.71	17.64	17.83	19.00
		MID	QPSK	17.72	17.75	17.64	19.00
		HIGH	QPSK	17.69	17.68	17.52	19.00
	50	LOW	QPSK	17.76	17.82	17.85	19.00
		MID	QPSK	17.81	17.83	17.72	19.00
		HIGH	QPSK	17.81	17.77	17.73	19.00
	100	LOW	QPSK	17.73	17.76	17.77	19.00
20	1	LOW	Q16	17.86	17.54	17.58	19.00
		MID	Q16	17.86	17.63	17.69	19.00
		HIGH	Q16	17.61	17.71	17.41	19.00
	50	LOW	Q16	17.71	17.95	17.90	19.00
		MID	Q16	17.86	17.72	17.85	19.00
		HIGH	Q16	17.78	17.81	17.83	19.00
	100	LOW	Q16	17.60	17.73	17.86	19.00
20	1	LOW	64QAM	17.55	18.06	17.98	19.00
		MID	64QAM	18.47	18.12	18.08	19.00
		HIGH	64QAM	18.36	18.00	17.82	19.00
	50	LOW	64QAM	17.79	17.86	17.69	19.00
		MID	64QAM	17.98	17.85	17.94	19.00
		HIGH	64QAM	17.87	17.66	17.71	19.00
	100	LOW	64QAM	17.94	17.83	17.75	19.00

LTE B66-DSI2&3 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.68	22.45	22.63	24.00
		MID	QPSK	22.87	22.70	22.80	24.00
		HIGH	QPSK	22.71	22.54	22.61	24.00
	3	LOW	QPSK	23.07	23.14	23.01	24.00
		MID	QPSK	22.93	23.13	22.98	24.00
		HIGH	QPSK	22.92	22.98	22.84	24.00
	6	LOW	QPSK	22.78	23.04	22.83	24.00
1.4	1	LOW	Q16	23.58	23.04	23.15	24.00
		MID	Q16	23.74	23.32	23.42	24.00
		HIGH	Q16	23.67	22.90	23.05	24.00
	3	LOW	Q16	21.84	22.00	21.89	23.00
		MID	Q16	21.92	22.12	21.98	23.00
		HIGH	Q16	21.81	22.03	21.87	23.00
	6	LOW	Q16	21.75	21.86	21.75	23.00
1.4	1	LOW	64QAM	22.65	22.15	22.21	23.00
		MID	64QAM	22.57	22.20	22.14	23.00
		HIGH	64QAM	22.56	21.91	22.09	23.00
	3	LOW	64QAM	21.09	21.03	20.81	22.00
		MID	64QAM	21.13	20.82	20.99	22.00
		HIGH	64QAM	20.92	21.19	21.28	22.00
	6	LOW	64QAM	20.83	21.23	20.97	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.56	22.60	22.65	24.00
		MID	QPSK	22.57	22.85	22.72	24.00
		HIGH	QPSK	22.58	22.60	22.77	24.00
	8	LOW	QPSK	23.01	22.97	22.90	24.00
		MID	QPSK	23.16	23.04	22.94	24.00
		HIGH	QPSK	22.92	22.86	23.18	24.00
	15	LOW	QPSK	22.93	23.01	23.08	24.00
3	1	LOW	Q16	23.68	22.83	23.22	24.00
		MID	Q16	23.65	23.24	23.18	24.00
		HIGH	Q16	23.35	23.15	23.19	24.00
	8	LOW	Q16	21.92	21.94	21.94	23.00
		MID	Q16	22.14	22.14	21.99	23.00
		HIGH	Q16	21.75	21.79	21.80	23.00
	15	LOW	Q16	21.95	21.85	22.11	23.00
3	1	LOW	64QAM	22.44	22.03	22.07	23.00
		MID	64QAM	22.41	22.08	22.48	23.00
		HIGH	64QAM	22.68	22.13	22.04	23.00
	8	LOW	64QAM	20.96	21.06	20.92	22.00
		MID	64QAM	21.03	20.86	21.19	22.00
		HIGH	64QAM	20.90	21.13	21.04	22.00
	15	LOW	64QAM	20.91	21.14	20.91	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.61	22.69	22.47	24.00
		MID	QPSK	22.60	22.69	22.80	24.00
		HIGH	QPSK	22.70	22.81	22.59	24.00
	12	LOW	QPSK	23.08	22.87	23.04	24.00
		MID	QPSK	22.91	22.93	22.86	24.00
		HIGH	QPSK	22.89	22.98	22.86	24.00
	25	LOW	QPSK	23.02	22.80	22.92	24.00
5	1	LOW	Q16	23.53	23.01	23.07	24.00
		MID	Q16	23.52	23.00	23.19	24.00
		HIGH	Q16	23.61	23.18	23.11	24.00
	12	LOW	Q16	22.00	21.84	21.80	23.00
		MID	Q16	22.15	22.09	21.92	23.00
		HIGH	Q16	22.09	21.92	22.10	23.00
	25	LOW	Q16	21.80	22.02	21.95	23.00
5	1	LOW	64QAM	22.61	22.27	22.01	23.00
		MID	64QAM	22.38	22.30	22.36	23.00
		HIGH	64QAM	22.50	21.98	22.09	23.00
	12	LOW	64QAM	21.07	21.21	20.69	22.00
		MID	64QAM	21.21	20.67	20.99	22.00
		HIGH	64QAM	20.70	21.06	21.06	22.00
	25	LOW	64QAM	20.87	21.15	20.86	22.00

LTE B66-DSI1&2&3&4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.53	22.63	22.47	24.00
		MID	QPSK	22.83	22.71	22.77	24.00
		HIGH	QPSK	22.48	22.73	22.89	24.00
	25	LOW	QPSK	22.81	22.94	22.90	24.00
		MID	QPSK	22.99	22.82	23.05	24.00
		HIGH	QPSK	22.73	23.11	22.85	24.00
	50	LOW	QPSK	22.94	22.92	22.83	24.00
10	1	LOW	Q16	23.43	22.97	23.24	24.00
		MID	Q16	23.56	23.13	23.35	24.00
		HIGH	Q16	23.65	23.19	23.35	24.00
	25	LOW	Q16	21.79	21.90	21.93	23.00
		MID	Q16	21.97	21.96	21.80	23.00
		HIGH	Q16	21.76	21.78	21.93	23.00
	50	LOW	Q16	22.10	22.08	21.88	23.00
10	1	LOW	64QAM	22.77	22.16	22.26	23.00
		MID	64QAM	22.39	22.18	22.29	23.00
		HIGH	64QAM	22.76	22.19	22.22	23.00
	25	LOW	64QAM	20.86	21.02	20.78	22.00
		MID	64QAM	21.07	20.77	21.02	22.00
		HIGH	64QAM	20.79	20.97	21.16	22.00
	50	LOW	64QAM	21.03	20.88	20.95	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.62	22.59	22.55	24.00
		MID	QPSK	22.60	22.56	22.70	24.00
		HIGH	QPSK	22.55	22.66	22.69	24.00
	36	LOW	QPSK	22.81	23.15	22.96	24.00
		MID	QPSK	23.13	23.01	23.13	24.00
		HIGH	QPSK	23.08	22.73	22.93	24.00
	75	LOW	QPSK	22.94	22.81	22.85	24.00
15	1	LOW	Q16	23.41	22.83	23.25	24.00
		MID	Q16	23.66	23.13	23.27	24.00
		HIGH	Q16	23.61	23.16	23.30	24.00
	36	LOW	Q16	21.75	22.02	21.90	23.00
		MID	Q16	22.11	21.97	22.18	23.00
		HIGH	Q16	22.08	22.09	22.09	23.00
	75	LOW	Q16	22.08	22.02	21.89	23.00
15	1	LOW	64QAM	22.43	21.95	22.08	23.00
		MID	64QAM	22.65	22.02	22.28	23.00
		HIGH	64QAM	22.65	22.07	22.02	23.00
	36	LOW	64QAM	20.98	21.09	20.72	22.00
		MID	64QAM	20.90	20.81	20.89	22.00
		HIGH	64QAM	20.78	20.91	21.00	22.00
	75	LOW	64QAM	20.92	21.18	20.70	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.61	22.74	22.38	24.00
		MID	QPSK	22.74	22.63	22.75	24.00
		HIGH	QPSK	22.74	22.67	22.53	24.00
	50	LOW	QPSK	23.10	23.08	22.95	24.00
		MID	QPSK	23.18	23.12	22.82	24.00
		HIGH	QPSK	22.71	23.10	23.20	24.00
	100	LOW	QPSK	22.78	23.06	23.02	24.00
20	1	LOW	Q16	23.47	23.06	23.27	24.00
		MID	Q16	23.46	23.10	23.32	24.00
		HIGH	Q16	23.46	23.16	23.04	24.00
	50	LOW	Q16	21.99	22.13	22.02	23.00
		MID	Q16	21.87	21.86	22.12	23.00
		HIGH	Q16	22.04	21.94	21.76	23.00
	100	LOW	Q16	22.02	21.78	21.86	23.00
20	1	LOW	64QAM	22.76	22.08	21.92	23.00
		MID	64QAM	22.60	22.23	22.40	23.00
		HIGH	64QAM	22.49	22.12	22.17	23.00
	50	LOW	64QAM	21.03	20.95	20.69	22.00
		MID	64QAM	21.17	20.80	21.05	22.00
		HIGH	64QAM	20.77	20.90	20.96	22.00
	100	LOW	64QAM	20.84	21.06	20.90	22.00

LTE B66-DSI4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.28	16.07	15.74	17.50
		MID	QPSK	16.25	16.07	16.06	17.50
		HIGH	QPSK	16.26	16.09	15.80	17.50
	3	LOW	QPSK	16.32	16.18	16.14	17.50
		MID	QPSK	16.33	16.22	16.20	17.50
		HIGH	QPSK	16.32	16.20	16.13	17.50
	6	LOW	QPSK	16.37	16.19	16.12	17.50
1.4	1	LOW	Q16	16.53	16.62	16.07	17.50
		MID	Q16	16.51	16.60	16.08	17.50
		HIGH	Q16	16.51	16.64	16.07	17.50
	3	LOW	Q16	16.41	16.44	16.25	17.50
		MID	Q16	16.40	16.43	16.26	17.50
		HIGH	Q16	16.41	16.42	16.24	17.50
	6	LOW	Q16	16.52	16.12	16.29	17.50
1.4	1	LOW	64QAM	16.13	16.12	15.98	17.50
		MID	64QAM	16.12	16.31	16.05	17.50
		HIGH	64QAM	16.03	16.15	16.14	17.50
	3	LOW	64QAM	16.24	16.27	16.41	17.50
		MID	64QAM	16.33	16.22	16.26	17.50
		HIGH	64QAM	16.56	16.09	16.33	17.50
	6	LOW	64QAM	16.39	16.15	16.41	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	16.15	16.06	15.83	17.50
		MID	QPSK	16.18	16.25	16.00	17.50
		HIGH	QPSK	15.95	16.20	16.00	17.50
	8	LOW	QPSK	16.16	16.40	16.19	17.50
		MID	QPSK	16.33	16.32	16.41	17.50
		HIGH	QPSK	16.23	16.23	16.33	17.50
	15	LOW	QPSK	16.20	16.25	16.26	17.50
3	1	LOW	Q16	16.13	15.98	15.82	17.50
		MID	Q16	16.16	16.25	16.26	17.50
		HIGH	Q16	16.10	16.08	15.90	17.50
	8	LOW	Q16	16.39	16.33	16.29	17.50
		MID	Q16	16.32	16.24	16.09	17.50
		HIGH	Q16	16.30	16.17	16.28	17.50
	15	LOW	Q16	16.30	16.14	16.36	17.50
3	1	LOW	64QAM	16.22	16.10	16.16	17.50
		MID	64QAM	16.11	16.16	16.05	17.50
		HIGH	64QAM	16.23	16.07	16.08	17.50
	8	LOW	64QAM	16.07	16.36	16.24	17.50
		MID	64QAM	16.30	16.30	16.08	17.50
		HIGH	64QAM	16.63	16.20	16.12	17.50
	15	LOW	64QAM	16.45	16.14	16.36	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	16.18	15.92	15.84	17.50
		MID	QPSK	16.11	16.13	16.06	17.50
		HIGH	QPSK	16.23	16.00	16.01	17.50
	12	LOW	QPSK	16.40	16.44	16.28	17.50
		MID	QPSK	16.30	16.32	16.38	17.50
		HIGH	QPSK	16.42	16.14	16.09	17.50
	25	LOW	QPSK	16.26	16.19	16.17	17.50
5	1	LOW	Q16	16.12	16.14	15.84	17.50
		MID	Q16	16.26	16.31	16.21	17.50
		HIGH	Q16	16.13	16.07	16.05	17.50
	12	LOW	Q16	16.12	16.13	16.17	17.50
		MID	Q16	16.16	16.24	16.25	17.50
		HIGH	Q16	16.56	15.98	16.06	17.50
	25	LOW	Q16	16.30	16.30	16.17	17.50
5	1	LOW	64QAM	16.04	16.19	16.12	17.50
		MID	64QAM	15.99	16.24	16.29	17.50
		HIGH	64QAM	16.19	16.26	16.03	17.50
	12	LOW	64QAM	16.29	16.25	16.41	17.50
		MID	64QAM	16.26	16.44	16.20	17.50
		HIGH	64QAM	16.61	16.06	16.16	17.50
	25	LOW	64QAM	16.48	15.96	16.55	17.50

LTE B66-DSI1&2&3&4 -ANT4							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	16.04	15.93	16.07	17.50
		MID	QPSK	16.10	16.24	16.01	17.50
		HIGH	QPSK	15.99	15.97	15.88	17.50
	25	LOW	QPSK	16.35	16.33	16.30	17.50
		MID	QPSK	16.28	16.42	16.20	17.50
		HIGH	QPSK	16.37	16.33	16.18	17.50
	50	LOW	QPSK	16.35	16.17	16.25	17.50
10	1	LOW	Q16	16.10	16.01	16.11	17.50
		MID	Q16	16.20	16.28	16.28	17.50
		HIGH	Q16	15.92	16.11	16.02	17.50
	25	LOW	Q16	16.24	16.25	16.10	17.50
		MID	Q16	16.41	16.32	16.20	17.50
		HIGH	Q16	16.38	16.17	16.23	17.50
	50	LOW	Q16	16.39	16.09	16.26	17.50
10	1	LOW	64QAM	16.08	16.22	16.12	17.50
		MID	64QAM	16.21	16.41	16.21	17.50
		HIGH	64QAM	16.10	16.15	15.98	17.50
	25	LOW	64QAM	16.28	16.21	16.35	17.50
		MID	64QAM	16.14	16.21	16.28	17.50
		HIGH	64QAM	16.57	16.26	16.39	17.50
	50	LOW	64QAM	16.56	16.06	16.31	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	16.10	16.06	15.98	17.50
		MID	QPSK	16.17	16.05	16.01	17.50
		HIGH	QPSK	16.23	16.09	15.97	17.50
	36	LOW	QPSK	16.14	16.35	16.18	17.50
		MID	QPSK	16.35	16.31	16.21	17.50
		HIGH	QPSK	16.44	16.15	16.20	17.50
	75	LOW	QPSK	16.31	16.20	16.17	17.50
15	1	LOW	Q16	16.02	16.11	15.81	17.50
		MID	Q16	16.20	16.27	16.16	17.50
		HIGH	Q16	16.04	16.10	16.08	17.50
	36	LOW	Q16	16.26	16.38	16.28	17.50
		MID	Q16	16.27	16.48	16.31	17.50
		HIGH	Q16	16.48	16.23	16.35	17.50
	75	LOW	Q16	16.41	16.08	16.33	17.50
15	1	LOW	64QAM	16.12	16.19	16.06	17.50
		MID	64QAM	16.19	16.33	16.34	17.50
		HIGH	64QAM	16.10	16.18	16.05	17.50
	36	LOW	64QAM	16.06	16.32	16.28	17.50
		MID	64QAM	16.18	16.37	16.02	17.50
		HIGH	64QAM	16.59	16.06	16.37	17.50
	75	LOW	64QAM	16.55	16.18	16.37	17.50
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	16.15	16.07	15.98	17.50
		MID	QPSK	16.16	16.19	16.23	17.50
		HIGH	QPSK	16.10	16.12	15.98	17.50
	50	LOW	QPSK	16.28	16.30	16.26	17.50
		MID	QPSK	16.36	16.32	16.38	17.50
		HIGH	QPSK	16.31	16.24	16.22	17.50
	100	LOW	QPSK	16.27	16.25	16.22	17.50
20	1	LOW	Q16	16.01	16.07	15.96	17.50
		MID	Q16	16.22	16.27	16.22	17.50
		HIGH	Q16	16.03	16.22	16.03	17.50
	50	LOW	Q16	16.27	16.25	16.25	17.50
		MID	Q16	16.26	16.39	16.21	17.50
		HIGH	Q16	16.44	16.10	16.21	17.50
	100	LOW	Q16	16.40	16.22	16.31	17.50
20	1	LOW	64QAM	16.07	16.08	16.06	17.50
		MID	64QAM	16.07	16.28	16.20	17.50
		HIGH	64QAM	16.10	16.19	16.09	17.50
	50	LOW	64QAM	16.15	16.24	16.26	17.50
		MID	64QAM	16.18	16.32	16.13	17.50
		HIGH	64QAM	16.53	16.11	16.26	17.50
	100	LOW	64QAM	16.50	16.07	16.42	17.50

LTE B66-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.70	24.54	24.72	25.50
		MID	QPSK	24.69	24.55	24.74	25.50
		HIGH	QPSK	24.72	24.55	24.73	25.50
	3	LOW	QPSK	24.76	24.67	24.85	25.50
		MID	QPSK	24.80	24.67	24.91	25.50
		HIGH	QPSK	24.77	24.66	24.87	25.50
	6	LOW	QPSK	23.83	23.70	23.86	24.50
1.4	1	LOW	Q16	23.89	24.07	23.76	24.50
		MID	Q16	23.91	24.04	23.73	24.50
		HIGH	Q16	23.90	24.07	23.77	24.50
	3	LOW	Q16	23.85	23.91	23.92	24.50
		MID	Q16	23.85	23.87	23.93	24.50
		HIGH	Q16	23.85	23.88	23.92	24.50
	6	LOW	Q16	22.97	22.58	22.98	23.50
1.4	1	LOW	64QAM	23.04	23.10	22.76	23.50
		MID	64QAM	22.80	23.09	22.67	23.50
		HIGH	64QAM	22.82	23.05	22.69	23.50
	3	LOW	64QAM	22.74	22.98	22.85	23.50
		MID	64QAM	22.71	22.87	22.82	23.50
		HIGH	64QAM	22.96	22.78	22.82	23.50
	6	LOW	64QAM	21.83	21.45	22.04	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.45	24.46	24.49	25.50
		MID	QPSK	24.62	24.50	24.75	25.50
		HIGH	QPSK	24.60	24.64	24.51	25.50
	8	LOW	QPSK	23.64	23.88	23.65	24.50
		MID	QPSK	23.84	23.91	23.87	24.50
		HIGH	QPSK	23.83	23.71	23.81	24.50
	15	LOW	QPSK	23.65	23.70	23.84	24.50
3	1	LOW	Q16	24.38	23.94	23.95	24.50
		MID	Q16	24.37	24.08	24.17	24.50
		HIGH	Q16	24.41	23.88	24.18	24.50
	8	LOW	Q16	22.67	22.72	22.79	23.50
		MID	Q16	22.89	22.68	22.72	23.50
		HIGH	Q16	22.77	22.58	22.85	23.50
	15	LOW	Q16	22.61	22.77	22.78	23.50
3	1	LOW	64QAM	23.39	22.77	23.07	23.50
		MID	64QAM	23.13	23.04	23.11	23.50
		HIGH	64QAM	23.45	22.87	23.08	23.50
	8	LOW	64QAM	21.72	21.49	22.01	22.50
		MID	64QAM	21.72	21.81	21.88	22.50
		HIGH	64QAM	21.61	21.42	21.88	22.50
	15	LOW	64QAM	21.72	21.54	21.51	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.67	24.39	24.46	25.50
		MID	QPSK	24.62	24.64	24.68	25.50
		HIGH	QPSK	24.47	24.65	24.58	25.50
	12	LOW	QPSK	23.81	23.72	23.73	24.50
		MID	QPSK	23.70	23.65	23.90	24.50
		HIGH	QPSK	23.61	23.66	23.66	24.50
	25	LOW	QPSK	23.56	23.56	23.61	24.50
5	1	LOW	Q16	24.20	23.96	24.02	24.50
		MID	Q16	24.31	24.10	24.18	24.50
		HIGH	Q16	24.17	24.06	24.17	24.50
	12	LOW	Q16	22.78	22.62	22.86	23.50
		MID	Q16	22.83	22.87	22.94	23.50
		HIGH	Q16	22.63	22.63	22.65	23.50
	25	LOW	Q16	22.79	22.59	22.69	23.50
5	1	LOW	64QAM	23.28	22.85	22.97	23.50
		MID	64QAM	23.20	23.12	23.36	23.50
		HIGH	64QAM	23.45	22.95	23.12	23.50
	12	LOW	64QAM	21.62	21.65	21.88	22.50
		MID	64QAM	21.81	21.80	22.04	22.50
		HIGH	64QAM	21.46	21.71	21.70	22.50
	25	LOW	64QAM	21.80	21.56	21.78	22.50

LTE B66-Full Power -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.39	24.45	24.40	25.50
		MID	QPSK	24.54	24.80	24.71	25.50
		HIGH	QPSK	24.58	24.60	24.71	25.50
	25	LOW	QPSK	23.82	23.85	23.85	24.50
		MID	QPSK	23.61	23.63	23.84	24.50
		HIGH	QPSK	23.60	23.77	23.80	24.50
	50	LOW	QPSK	23.72	23.55	23.74	24.50
10	1	LOW	Q16	24.32	23.89	24.10	24.50
		MID	Q16	24.44	23.92	24.18	24.50
		HIGH	Q16	24.22	23.96	24.05	24.50
	25	LOW	Q16	22.61	22.76	22.60	23.50
		MID	Q16	22.73	22.66	22.81	23.50
		HIGH	Q16	22.79	22.71	22.92	23.50
	50	LOW	Q16	22.70	22.58	22.78	23.50
10	1	LOW	64QAM	23.28	22.79	22.88	23.50
		MID	64QAM	23.25	22.93	23.34	23.50
		HIGH	64QAM	23.25	22.74	23.17	23.50
	25	LOW	64QAM	21.64	21.76	21.98	22.50
		MID	64QAM	21.81	21.57	22.04	22.50
		HIGH	64QAM	21.66	21.43	21.70	22.50
	50	LOW	64QAM	21.57	21.65	21.62	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.43	24.48	24.51	25.50
		MID	QPSK	24.69	24.64	24.69	25.50
		HIGH	QPSK	24.64	24.67	24.68	25.50
	36	LOW	QPSK	23.60	23.65	23.66	24.50
		MID	QPSK	23.68	23.71	23.89	24.50
		HIGH	QPSK	23.60	23.58	23.96	24.50
	75	LOW	QPSK	23.65	23.79	23.61	24.50
15	1	LOW	Q16	24.31	23.73	23.83	24.50
		MID	Q16	24.39	23.82	24.17	24.50
		HIGH	Q16	24.22	24.03	24.22	24.50
	36	LOW	Q16	22.57	22.65	22.77	23.50
		MID	Q16	22.80	22.74	22.75	23.50
		HIGH	Q16	22.81	22.55	22.73	23.50
	75	LOW	Q16	22.80	22.79	22.79	23.50
15	1	LOW	64QAM	22.85	22.84	22.95	23.50
		MID	64QAM	23.18	22.99	23.14	23.50
		HIGH	64QAM	23.21	22.73	23.19	23.50
	36	LOW	64QAM	21.63	21.57	21.74	22.50
		MID	64QAM	21.67	21.69	21.88	22.50
		HIGH	64QAM	21.69	21.62	21.90	22.50
	75	LOW	64QAM	21.69	21.73	21.78	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.53	24.53	24.53	25.50
		MID	QPSK	24.54	24.65	24.70	25.50
		HIGH	QPSK	24.54	24.62	24.66	25.50
	50	LOW	QPSK	23.72	23.75	23.79	24.50
		MID	QPSK	23.70	23.77	23.87	24.50
		HIGH	QPSK	23.71	23.70	23.81	24.50
	100	LOW	QPSK	23.67	23.67	23.76	24.50
20	1	LOW	Q16	24.31	23.86	23.95	24.50
		MID	Q16	24.31	23.97	24.15	24.50
		HIGH	Q16	24.26	23.91	24.10	24.50
	50	LOW	Q16	22.71	22.75	22.75	23.50
		MID	Q16	22.75	22.75	22.83	23.50
		HIGH	Q16	22.72	22.69	22.79	23.50
	100	LOW	Q16	22.72	22.68	22.78	23.50
20	1	LOW	64QAM	23.38	22.79	23.00	23.50
		MID	64QAM	23.17	23.07	23.21	23.50
		HIGH	64QAM	23.36	22.84	23.17	23.50
	50	LOW	64QAM	21.77	21.61	21.89	22.50
		MID	64QAM	21.71	21.67	21.91	22.50
		HIGH	64QAM	21.57	21.57	21.82	22.50
	100	LOW	64QAM	21.71	21.67	21.65	22.50

LTE B66-DSI1&2 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.70	24.54	24.72	25.50
		MID	QPSK	24.69	24.55	24.74	25.50
		HIGH	QPSK	24.72	24.55	24.73	25.50
	3	LOW	QPSK	24.76	24.67	24.85	25.50
		MID	QPSK	24.80	24.67	24.91	25.50
		HIGH	QPSK	24.77	24.66	24.87	25.50
	6	LOW	QPSK	23.83	23.70	23.86	24.50
1.4	1	LOW	Q16	23.89	24.07	23.76	24.50
		MID	Q16	23.91	24.04	23.73	24.50
		HIGH	Q16	23.90	24.07	23.77	24.50
	3	LOW	Q16	23.85	23.91	23.92	24.50
		MID	Q16	23.85	23.87	23.93	24.50
		HIGH	Q16	23.85	23.88	23.92	24.50
	6	LOW	Q16	22.97	22.58	22.98	23.50
1.4	1	LOW	64QAM	23.04	23.10	22.76	23.50
		MID	64QAM	22.80	23.09	22.67	23.50
		HIGH	64QAM	22.82	23.05	22.69	23.50
	3	LOW	64QAM	22.74	22.98	22.85	23.50
		MID	64QAM	22.71	22.87	22.82	23.50
		HIGH	64QAM	22.96	22.78	22.82	23.50
	6	LOW	64QAM	21.83	21.45	22.04	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	24.45	24.46	24.49	25.50
		MID	QPSK	24.62	24.50	24.75	25.50
		HIGH	QPSK	24.60	24.64	24.51	25.50
	8	LOW	QPSK	23.64	23.88	23.65	24.50
		MID	QPSK	23.84	23.91	23.87	24.50
		HIGH	QPSK	23.83	23.71	23.81	24.50
	15	LOW	QPSK	23.65	23.70	23.84	24.50
3	1	LOW	Q16	24.38	23.94	23.95	24.50
		MID	Q16	24.37	24.08	24.17	24.50
		HIGH	Q16	24.41	23.88	24.18	24.50
	8	LOW	Q16	22.67	22.72	22.79	23.50
		MID	Q16	22.89	22.68	22.72	23.50
		HIGH	Q16	22.77	22.58	22.85	23.50
	15	LOW	Q16	22.61	22.77	22.78	23.50
3	1	LOW	64QAM	23.39	22.77	23.07	23.50
		MID	64QAM	23.13	23.04	23.11	23.50
		HIGH	64QAM	23.45	22.87	23.08	23.50
	8	LOW	64QAM	21.72	21.49	22.01	22.50
		MID	64QAM	21.72	21.81	21.88	22.50
		HIGH	64QAM	21.61	21.42	21.88	22.50
	15	LOW	64QAM	21.72	21.54	21.51	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	24.67	24.39	24.46	25.50
		MID	QPSK	24.62	24.64	24.68	25.50
		HIGH	QPSK	24.47	24.65	24.58	25.50
	12	LOW	QPSK	23.81	23.72	23.73	24.50
		MID	QPSK	23.70	23.65	23.90	24.50
		HIGH	QPSK	23.61	23.66	23.66	24.50
	25	LOW	QPSK	23.56	23.56	23.61	24.50
5	1	LOW	Q16	24.20	23.96	24.02	24.50
		MID	Q16	24.31	24.10	24.18	24.50
		HIGH	Q16	24.17	24.06	24.17	24.50
	12	LOW	Q16	22.78	22.62	22.86	23.50
		MID	Q16	22.83	22.87	22.94	23.50
		HIGH	Q16	22.63	22.63	22.65	23.50
	25	LOW	Q16	22.79	22.59	22.69	23.50
5	1	LOW	64QAM	23.28	22.85	22.97	23.50
		MID	64QAM	23.20	23.12	23.36	23.50
		HIGH	64QAM	23.45	22.95	23.12	23.50
	12	LOW	64QAM	21.62	21.65	21.88	22.50
		MID	64QAM	21.81	21.80	22.04	22.50
		HIGH	64QAM	21.46	21.71	21.70	22.50
	25	LOW	64QAM	21.80	21.56	21.78	22.50

LTE B66-DSI1&2 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	24.39	24.45	24.40	25.50
		MID	QPSK	24.54	24.80	24.71	25.50
		HIGH	QPSK	24.58	24.60	24.71	25.50
	25	LOW	QPSK	23.82	23.85	23.85	24.50
		MID	QPSK	23.61	23.63	23.84	24.50
		HIGH	QPSK	23.60	23.77	23.80	24.50
	50	LOW	QPSK	23.72	23.55	23.74	24.50
10	1	LOW	Q16	24.32	23.89	24.10	24.50
		MID	Q16	24.44	23.92	24.18	24.50
		HIGH	Q16	24.22	23.96	24.05	24.50
	25	LOW	Q16	22.61	22.76	22.60	23.50
		MID	Q16	22.73	22.66	22.81	23.50
		HIGH	Q16	22.79	22.71	22.92	23.50
	50	LOW	Q16	22.70	22.58	22.78	23.50
10	1	LOW	64QAM	23.28	22.79	22.88	23.50
		MID	64QAM	23.25	22.93	23.34	23.50
		HIGH	64QAM	23.25	22.74	23.17	23.50
	25	LOW	64QAM	21.64	21.76	21.98	22.50
		MID	64QAM	21.81	21.57	22.04	22.50
		HIGH	64QAM	21.66	21.43	21.70	22.50
	50	LOW	64QAM	21.57	21.65	21.62	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	24.43	24.48	24.51	25.50
		MID	QPSK	24.69	24.64	24.69	25.50
		HIGH	QPSK	24.64	24.67	24.68	25.50
	36	LOW	QPSK	23.60	23.65	23.66	24.50
		MID	QPSK	23.68	23.71	23.89	24.50
		HIGH	QPSK	23.60	23.58	23.96	24.50
	75	LOW	QPSK	23.65	23.79	23.61	24.50
15	1	LOW	Q16	24.31	23.73	23.83	24.50
		MID	Q16	24.39	23.82	24.17	24.50
		HIGH	Q16	24.22	24.03	24.22	24.50
	36	LOW	Q16	22.57	22.65	22.77	23.50
		MID	Q16	22.80	22.74	22.75	23.50
		HIGH	Q16	22.81	22.55	22.73	23.50
	75	LOW	Q16	22.80	22.79	22.79	23.50
15	1	LOW	64QAM	22.85	22.84	22.95	23.50
		MID	64QAM	23.18	22.99	23.14	23.50
		HIGH	64QAM	23.21	22.73	23.19	23.50
	36	LOW	64QAM	21.63	21.57	21.74	22.50
		MID	64QAM	21.67	21.69	21.88	22.50
		HIGH	64QAM	21.69	21.62	21.90	22.50
	75	LOW	64QAM	21.69	21.73	21.78	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	24.53	24.53	24.53	25.50
		MID	QPSK	24.54	24.65	24.70	25.50
		HIGH	QPSK	24.54	24.62	24.66	25.50
	50	LOW	QPSK	23.72	23.75	23.79	24.50
		MID	QPSK	23.70	23.77	23.87	24.50
		HIGH	QPSK	23.71	23.70	23.81	24.50
	100	LOW	QPSK	23.67	23.67	23.76	24.50
20	1	LOW	Q16	24.31	23.86	23.95	24.50
		MID	Q16	24.31	23.97	24.15	24.50
		HIGH	Q16	24.26	23.91	24.10	24.50
	50	LOW	Q16	22.71	22.75	22.75	23.50
		MID	Q16	22.75	22.75	22.83	23.50
		HIGH	Q16	22.72	22.69	22.79	23.50
	100	LOW	Q16	22.72	22.68	22.78	23.50
20	1	LOW	64QAM	23.38	22.79	23.00	23.50
		MID	64QAM	23.17	23.07	23.21	23.50
		HIGH	64QAM	23.36	22.84	23.17	23.50
	50	LOW	64QAM	21.77	21.61	21.89	22.50
		MID	64QAM	21.71	21.67	21.91	22.50
		HIGH	64QAM	21.57	21.57	21.82	22.50
	100	LOW	64QAM	21.71	21.67	21.65	22.50

LTE B66-DSI3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.21	20.06	20.10	21.50
		MID	QPSK	20.20	20.07	20.12	21.50
		HIGH	QPSK	20.19	20.07	20.13	21.50
	3	LOW	QPSK	20.19	20.13	20.20	21.50
		MID	QPSK	20.19	20.15	20.26	21.50
		HIGH	QPSK	20.19	20.11	20.19	21.50
	6	LOW	QPSK	20.19	20.14	20.17	21.50
1.4	1	LOW	Q16	20.37	20.54	20.14	21.50
		MID	Q16	20.37	20.50	20.14	21.50
		HIGH	Q16	20.37	20.55	20.16	21.50
	3	LOW	Q16	20.26	20.35	20.31	21.50
		MID	Q16	20.25	20.35	20.32	21.50
		HIGH	Q16	20.25	20.33	20.30	21.50
	6	LOW	Q16	20.35	20.03	20.33	21.50
1.4	1	LOW	64QAM	20.36	20.43	20.07	21.50
		MID	64QAM	20.39	20.54	19.99	21.50
		HIGH	64QAM	20.32	20.48	20.05	21.50
	3	LOW	64QAM	20.16	20.40	20.46	21.50
		MID	64QAM	20.18	20.45	20.30	21.50
		HIGH	64QAM	20.23	20.20	20.35	21.50
	6	LOW	64QAM	20.50	19.92	20.32	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.18	20.11	19.96	21.50
		MID	QPSK	19.97	20.30	20.17	21.50
		HIGH	QPSK	20.29	20.21	20.01	21.50
	8	LOW	QPSK	20.13	20.12	20.08	21.50
		MID	QPSK	20.11	20.20	20.31	21.50
		HIGH	QPSK	20.27	20.16	20.14	21.50
	15	LOW	QPSK	20.06	20.13	20.09	21.50
3	1	LOW	Q16	20.59	20.50	20.31	21.50
		MID	Q16	20.76	20.47	20.66	21.50
		HIGH	Q16	20.82	20.54	20.65	21.50
	8	LOW	Q16	20.23	20.37	20.27	21.50
		MID	Q16	20.19	20.37	20.26	21.50
		HIGH	Q16	20.22	20.05	20.15	21.50
	15	LOW	Q16	20.19	20.23	20.28	21.50
3	1	LOW	64QAM	20.81	20.44	20.48	21.50
		MID	64QAM	20.51	20.72	20.41	21.50
		HIGH	64QAM	20.51	20.77	20.59	21.50
	8	LOW	64QAM	20.30	20.24	20.44	21.50
		MID	64QAM	20.36	20.03	20.20	21.50
		HIGH	64QAM	20.14	20.15	20.06	21.50
	15	LOW	64QAM	20.17	20.33	20.21	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.18	20.20	20.03	21.50
		MID	QPSK	20.20	20.09	20.29	21.50
		HIGH	QPSK	20.14	20.14	20.00	21.50
	12	LOW	QPSK	20.10	20.09	20.36	21.50
		MID	QPSK	20.20	20.32	20.33	21.50
		HIGH	QPSK	20.11	20.04	20.33	21.50
	25	LOW	QPSK	20.27	20.18	20.10	21.50
5	1	LOW	Q16	20.68	20.50	20.51	21.50
		MID	Q16	20.66	20.60	20.64	21.50
		HIGH	Q16	20.73	20.74	20.60	21.50
	12	LOW	Q16	20.22	20.24	20.21	21.50
		MID	Q16	20.05	20.35	20.10	21.50
		HIGH	Q16	20.06	20.17	20.31	21.50
	25	LOW	Q16	20.33	20.33	20.22	21.50
5	1	LOW	64QAM	20.62	20.64	20.53	21.50
		MID	64QAM	20.60	20.56	20.45	21.50
		HIGH	64QAM	20.74	20.67	20.63	21.50
	12	LOW	64QAM	20.15	20.22	20.42	21.50
		MID	64QAM	20.28	20.07	19.95	21.50
		HIGH	64QAM	20.43	20.22	20.03	21.50
	25	LOW	64QAM	20.26	20.32	20.17	21.50

LTE B66-DSI3&4 -ANT1							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.02	20.21	20.01	21.50
		MID	QPSK	20.03	20.22	20.00	21.50
		HIGH	QPSK	20.07	20.10	20.12	21.50
	25	LOW	QPSK	20.04	20.35	20.33	21.50
		MID	QPSK	20.23	20.14	20.35	21.50
		HIGH	QPSK	20.13	20.11	20.15	21.50
	50	LOW	QPSK	20.06	20.08	20.18	21.50
10	1	LOW	Q16	20.72	20.62	20.57	21.50
		MID	Q16	20.77	20.50	20.50	21.50
		HIGH	Q16	20.82	20.65	20.58	21.50
	25	LOW	Q16	20.11	20.29	20.18	21.50
		MID	Q16	20.13	20.16	20.15	21.50
		HIGH	Q16	20.34	20.29	20.26	21.50
	50	LOW	Q16	20.15	20.11	20.34	21.50
10	1	LOW	64QAM	20.63	20.60	20.45	21.50
		MID	64QAM	20.77	20.55	20.34	21.50
		HIGH	64QAM	20.65	20.68	20.64	21.50
	25	LOW	64QAM	20.18	20.30	20.39	21.50
		MID	64QAM	20.20	20.19	20.01	21.50
		HIGH	64QAM	20.20	20.00	19.98	21.50
	50	LOW	64QAM	20.18	20.48	20.16	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.17	20.07	19.89	21.50
		MID	QPSK	20.20	20.21	20.29	21.50
		HIGH	QPSK	20.19	20.17	20.23	21.50
	36	LOW	QPSK	20.22	20.06	20.06	21.50
		MID	QPSK	20.09	20.35	20.10	21.50
		HIGH	QPSK	20.13	20.31	20.17	21.50
	75	LOW	QPSK	20.21	20.33	20.16	21.50
15	1	LOW	Q16	20.49	20.40	20.38	21.50
		MID	Q16	20.64	20.48	20.70	21.50
		HIGH	Q16	20.83	20.71	20.55	21.50
	36	LOW	Q16	20.02	20.33	20.09	21.50
		MID	Q16	20.13	20.26	20.07	21.50
		HIGH	Q16	20.09	20.15	20.24	21.50
	75	LOW	Q16	20.05	20.32	20.24	21.50
15	1	LOW	64QAM	20.71	20.63	20.43	21.50
		MID	64QAM	20.73	20.66	20.62	21.50
		HIGH	64QAM	20.63	20.71	20.48	21.50
	36	LOW	64QAM	20.20	20.27	20.43	21.50
		MID	64QAM	20.41	20.09	20.08	21.50
		HIGH	64QAM	20.33	20.09	20.17	21.50
	75	LOW	64QAM	20.10	20.37	20.23	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.13	20.11	20.04	21.50
		MID	QPSK	20.10	20.18	20.21	21.50
		HIGH	QPSK	20.14	20.17	20.11	21.50
	50	LOW	QPSK	20.13	20.20	20.21	21.50
		MID	QPSK	20.20	20.21	20.22	21.50
		HIGH	QPSK	20.14	20.19	20.20	21.50
	100	LOW	QPSK	20.14	20.22	20.25	21.50
20	1	LOW	Q16	20.64	20.53	20.46	21.50
		MID	Q16	20.71	20.60	20.55	21.50
		HIGH	Q16	20.75	20.62	20.51	21.50
	50	LOW	Q16	20.14	20.23	20.21	21.50
		MID	Q16	20.20	20.22	20.20	21.50
		HIGH	Q16	20.20	20.20	20.18	21.50
	100	LOW	Q16	20.18	20.21	20.22	21.50
20	1	LOW	64QAM	20.77	20.59	20.52	21.50
		MID	64QAM	20.66	20.70	20.49	21.50
		HIGH	64QAM	20.64	20.64	20.53	21.50
	50	LOW	64QAM	20.17	20.20	20.36	21.50
		MID	64QAM	20.26	20.13	20.10	21.50
		HIGH	64QAM	20.28	20.09	20.10	21.50
	100	LOW	64QAM	20.25	20.36	20.11	21.50

8.3.10 LTE Band38 Output Power

LTE B38-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.17	23.87	23.95	24.50
		MID	QPSK	24.19	23.87	23.95	24.50
		HIGH	QPSK	24.19	23.88	23.96	24.50
	12	LOW	QPSK	23.02	22.98	22.95	23.50
		MID	QPSK	23.00	22.91	22.92	23.50
		HIGH	QPSK	22.97	22.93	22.91	23.50
	25	LOW	QPSK	22.97	22.95	22.95	23.50
5	1	LOW	Q16	23.24	23.27	23.26	23.50
		MID	Q16	23.25	23.27	23.24	23.50
		HIGH	Q16	23.20	23.26	23.26	23.50
	12	LOW	Q16	22.04	21.94	22.03	22.50
		MID	Q16	21.99	21.86	22.03	22.50
		HIGH	Q16	21.98	21.89	21.99	22.50
	25	LOW	Q16	22.01	21.98	21.95	22.50
5	1	LOW	64QAM	22.26	22.32	22.30	22.50
		MID	64QAM	22.13	22.42	22.16	22.50
		HIGH	64QAM	22.22	22.40	22.29	22.50
	12	LOW	64QAM	21.16	20.99	20.95	21.50
		MID	64QAM	20.93	20.85	21.03	21.50
		HIGH	64QAM	21.10	20.82	21.00	21.50
	25	LOW	64QAM	20.89	20.95	21.09	21.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.70	23.66	23.74	24.50
		MID	QPSK	24.03	23.86	23.87	24.50
		HIGH	QPSK	23.79	23.86	23.72	24.50
	25	LOW	QPSK	22.90	23.09	22.93	23.50
		MID	QPSK	22.99	23.10	23.02	23.50
		HIGH	QPSK	22.95	22.84	22.85	23.50
	50	LOW	QPSK	23.05	22.89	22.85	23.50
10	1	LOW	Q16	23.21	22.85	23.36	23.50
		MID	Q16	23.15	23.12	23.49	23.50
		HIGH	Q16	23.34	22.92	23.20	23.50
	25	LOW	Q16	21.81	21.84	21.86	22.50
		MID	Q16	21.97	21.83	21.83	22.50
		HIGH	Q16	21.79	21.86	21.90	22.50
	50	LOW	Q16	21.99	21.83	21.70	22.50
10	1	LOW	64QAM	22.28	22.01	22.44	22.50
		MID	64QAM	22.29	22.17	22.50	22.50
		HIGH	64QAM	22.31	21.84	21.60	22.50
	25	LOW	64QAM	20.93	21.14	20.90	21.50
		MID	64QAM	20.98	20.89	21.00	21.50
		HIGH	64QAM	20.95	21.05	20.78	21.50
	50	LOW	64QAM	21.04	20.99	20.87	21.50

LTE B38-Full Power -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.67	23.93	23.93	24.50
		MID	QPSK	24.02	23.83	23.86	24.50
		HIGH	QPSK	23.67	23.84	23.93	24.50
	36	LOW	QPSK	23.08	22.84	22.89	23.50
		MID	QPSK	22.94	22.88	22.90	23.50
		HIGH	QPSK	22.99	23.05	23.01	23.50
	75	LOW	QPSK	22.80	22.92	22.89	23.50
15	1	LOW	Q16	23.23	22.91	23.47	23.50
		MID	Q16	23.37	23.11	23.42	23.50
		HIGH	Q16	23.17	23.07	23.23	23.50
	36	LOW	Q16	21.99	21.83	21.98	22.50
		MID	Q16	21.92	21.86	21.84	22.50
		HIGH	Q16	21.96	21.74	21.92	22.50
	75	LOW	Q16	21.98	21.81	21.95	22.50
15	1	LOW	64QAM	22.46	21.99	22.38	22.50
		MID	64QAM	22.40	22.18	21.73	22.50
		HIGH	64QAM	22.39	21.99	21.55	22.50
	36	LOW	64QAM	20.93	21.01	20.92	21.50
		MID	64QAM	20.92	20.92	21.08	21.50
		HIGH	64QAM	20.87	20.92	20.93	21.50
	75	LOW	64QAM	20.96	20.89	20.88	21.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.80	23.80	23.82	24.50
		MID	QPSK	23.90	23.90	23.95	24.50
		HIGH	QPSK	23.81	23.77	23.84	24.50
	50	LOW	QPSK	23.00	22.96	22.89	23.50
		MID	QPSK	22.98	22.95	22.91	23.50
		HIGH	QPSK	22.93	22.91	22.89	23.50
	100	LOW	QPSK	22.94	22.92	22.86	23.50
20	1	LOW	Q16	23.21	22.88	23.35	23.50
		MID	Q16	23.28	23.00	23.47	23.50
		HIGH	Q16	23.20	22.93	23.35	23.50
	50	LOW	Q16	21.96	21.94	21.90	22.50
		MID	Q16	21.95	21.94	21.93	22.50
		HIGH	Q16	21.89	21.89	21.89	22.50
	100	LOW	Q16	21.93	21.90	21.85	22.50
20	1	LOW	64QAM	22.33	21.90	22.42	22.50
		MID	64QAM	22.33	22.03	21.58	22.50
		HIGH	64QAM	22.25	21.86	22.49	22.50
	50	LOW	64QAM	20.96	21.00	21.03	21.50
		MID	64QAM	20.92	20.93	20.98	21.50
		HIGH	64QAM	20.82	20.99	20.88	21.50
	100	LOW	64QAM	21.06	20.88	20.98	21.50

LTE B38-DSI1&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.22	19.35	20.50
		MID	QPSK	19.37	19.40	19.39	20.50
		HIGH	QPSK	19.26	19.25	19.26	20.50
	12	LOW	QPSK	19.33	19.40	19.29	20.50
		MID	QPSK	19.37	19.40	19.30	20.50
		HIGH	QPSK	19.35	19.36	19.26	20.50
	25	LOW	QPSK	19.33	19.34	19.28	20.50
5	1	LOW	Q16	19.52	19.46	19.67	20.50
		MID	Q16	19.72	19.61	19.72	20.50
		HIGH	Q16	19.58	19.51	19.61	20.50
	12	LOW	Q16	19.31	19.39	19.34	20.50
		MID	Q16	19.33	19.41	19.35	20.50
		HIGH	Q16	19.33	19.36	19.30	20.50
	25	LOW	Q16	19.33	19.36	19.28	20.50
5	1	LOW	64QAM	19.65	19.60	19.65	20.50
		MID	64QAM	19.87	19.49	19.87	20.50
		HIGH	64QAM	19.51	19.63	19.74	20.50
	12	LOW	64QAM	19.45	19.34	19.21	20.50
		MID	64QAM	19.43	19.45	19.49	20.50
		HIGH	64QAM	19.31	19.51	19.26	20.50
	25	LOW	64QAM	19.31	19.28	19.29	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.33	19.35	19.37	20.50
		MID	QPSK	19.42	19.36	19.41	20.50
		HIGH	QPSK	19.21	19.37	19.21	20.50
	25	LOW	QPSK	19.26	19.39	19.41	20.50
		MID	QPSK	19.40	19.37	19.38	20.50
		HIGH	QPSK	19.29	19.46	19.22	20.50
	50	LOW	QPSK	19.26	19.29	19.25	20.50
10	1	LOW	Q16	19.44	19.81	19.71	20.50
		MID	Q16	19.61	19.81	19.66	20.50
		HIGH	Q16	19.45	19.54	19.79	20.50
	25	LOW	Q16	19.41	19.39	19.37	20.50
		MID	Q16	19.21	19.34	19.41	20.50
		HIGH	Q16	19.36	19.33	19.42	20.50
	50	LOW	Q16	19.39	19.38	19.22	20.50
10	1	LOW	64QAM	19.62	19.62	19.98	20.50
		MID	64QAM	19.62	19.68	19.77	20.50
		HIGH	64QAM	19.70	19.54	19.58	20.50
	25	LOW	64QAM	19.21	19.41	19.41	20.50
		MID	64QAM	19.13	19.32	19.32	20.50
		HIGH	64QAM	19.27	19.25	19.21	20.50
	50	LOW	64QAM	19.35	19.49	19.35	20.50

LTE B38-DSI1&4 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.47	19.42	19.35	20.50
		MID	QPSK	19.27	19.29	19.23	20.50
		HIGH	QPSK	19.48	19.49	19.23	20.50
	36	LOW	QPSK	19.28	19.30	19.21	20.50
		MID	QPSK	19.37	19.40	19.19	20.50
		HIGH	QPSK	19.16	19.45	19.20	20.50
	75	LOW	QPSK	19.22	19.31	19.24	20.50
15	1	LOW	Q16	19.59	19.87	19.78	20.50
		MID	Q16	19.42	19.80	19.54	20.50
		HIGH	Q16	19.69	19.75	19.52	20.50
	36	LOW	Q16	19.40	19.45	19.33	20.50
		MID	Q16	19.26	19.43	19.39	20.50
		HIGH	Q16	19.22	19.50	19.37	20.50
	75	LOW	Q16	19.45	19.52	19.29	20.50
15	1	LOW	64QAM	19.77	19.65	19.93	20.50
		MID	64QAM	19.42	19.72	19.71	20.50
		HIGH	64QAM	19.60	19.65	19.72	20.50
	36	LOW	64QAM	19.08	19.44	19.59	20.50
		MID	64QAM	19.20	19.41	19.33	20.50
		HIGH	64QAM	19.14	19.10	19.27	20.50
	75	LOW	64QAM	19.13	19.22	19.45	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.39	19.43	20.50
		MID	QPSK	19.35	19.39	19.30	20.50
		HIGH	QPSK	19.36	19.40	19.31	20.50
	50	LOW	QPSK	19.41	19.39	19.28	20.50
		MID	QPSK	19.28	19.32	19.29	20.50
		HIGH	QPSK	19.24	19.35	19.27	20.50
	100	LOW	QPSK	19.38	19.35	19.30	20.50
20	1	LOW	Q16	19.51	19.72	19.72	20.50
		MID	Q16	19.55	19.69	19.66	20.50
		HIGH	Q16	19.54	19.67	19.67	20.50
	50	LOW	Q16	19.35	19.38	19.40	20.50
		MID	Q16	19.31	19.32	19.38	20.50
		HIGH	Q16	19.29	19.35	19.35	20.50
	100	LOW	Q16	19.32	19.42	19.32	20.50
20	1	LOW	64QAM	19.63	19.59	19.84	20.50
		MID	64QAM	19.53	19.73	19.77	20.50
		HIGH	64QAM	19.56	19.68	19.71	20.50
	50	LOW	64QAM	19.23	19.50	19.44	20.50
		MID	64QAM	19.16	19.38	19.29	20.50
		HIGH	64QAM	19.16	19.23	19.27	20.50
	100	LOW	64QAM	19.21	19.34	19.41	20.50

LTE B38-DSI2&3 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	24.17	23.87	23.95	24.50
		MID	QPSK	24.19	23.87	23.95	24.50
		HIGH	QPSK	24.19	23.88	23.96	24.50
	12	LOW	QPSK	23.02	22.98	22.95	23.50
		MID	QPSK	23.00	22.91	22.92	23.50
		HIGH	QPSK	22.97	22.93	22.91	23.50
	25	LOW	QPSK	22.97	22.95	22.95	23.50
5	1	LOW	Q16	23.24	23.27	23.26	23.50
		MID	Q16	23.25	23.27	23.24	23.50
		HIGH	Q16	23.20	23.26	23.26	23.50
	12	LOW	Q16	22.04	21.94	22.03	22.50
		MID	Q16	21.99	21.86	22.03	22.50
		HIGH	Q16	21.98	21.89	21.99	22.50
	25	LOW	Q16	22.01	21.98	21.95	22.50
5	1	LOW	64QAM	22.26	22.32	22.30	22.50
		MID	64QAM	22.13	22.42	22.16	22.50
		HIGH	64QAM	22.22	22.40	22.29	22.50
	12	LOW	64QAM	21.16	20.99	20.95	21.50
		MID	64QAM	20.93	20.85	21.03	21.50
		HIGH	64QAM	21.10	20.82	21.00	21.50
	25	LOW	64QAM	20.89	20.95	21.09	21.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.70	23.66	23.74	24.50
		MID	QPSK	24.03	23.86	23.87	24.50
		HIGH	QPSK	23.79	23.86	23.72	24.50
	25	LOW	QPSK	22.90	23.09	22.93	23.50
		MID	QPSK	22.99	23.10	23.02	23.50
		HIGH	QPSK	22.95	22.84	22.85	23.50
	50	LOW	QPSK	23.05	22.89	22.85	23.50
10	1	LOW	Q16	23.21	22.85	23.36	23.50
		MID	Q16	23.15	23.12	23.49	23.50
		HIGH	Q16	23.34	22.92	23.20	23.50
	25	LOW	Q16	21.81	21.84	21.86	22.50
		MID	Q16	21.97	21.83	21.83	22.50
		HIGH	Q16	21.79	21.86	21.90	22.50
	50	LOW	Q16	21.99	21.83	21.70	22.50
10	1	LOW	64QAM	22.28	22.01	22.44	22.50
		MID	64QAM	22.29	22.17	22.50	22.50
		HIGH	64QAM	22.31	21.84	21.60	22.50
	25	LOW	64QAM	20.93	21.14	20.90	21.50
		MID	64QAM	20.98	20.89	21.00	21.50
		HIGH	64QAM	20.95	21.05	20.78	21.50
	50	LOW	64QAM	21.04	20.99	20.87	21.50

LTE B38-DSI2&3 -ANT4							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.67	23.93	23.93	24.50
		MID	QPSK	24.02	23.83	23.86	24.50
		HIGH	QPSK	23.67	23.84	23.93	24.50
	36	LOW	QPSK	23.08	22.84	22.89	23.50
		MID	QPSK	22.94	22.88	22.90	23.50
		HIGH	QPSK	22.99	23.05	23.01	23.50
	75	LOW	QPSK	22.80	22.92	22.89	23.50
15	1	LOW	Q16	23.23	22.91	23.47	23.50
		MID	Q16	23.37	23.11	23.42	23.50
		HIGH	Q16	23.17	23.07	23.23	23.50
	36	LOW	Q16	21.99	21.83	21.98	22.50
		MID	Q16	21.92	21.86	21.84	22.50
		HIGH	Q16	21.96	21.74	21.92	22.50
	75	LOW	Q16	21.98	21.81	21.95	22.50
15	1	LOW	64QAM	22.46	21.99	22.38	22.50
		MID	64QAM	22.40	22.18	21.73	22.50
		HIGH	64QAM	22.39	21.99	21.55	22.50
	36	LOW	64QAM	20.93	21.01	20.92	21.50
		MID	64QAM	20.92	20.92	21.08	21.50
		HIGH	64QAM	20.87	20.92	20.93	21.50
	75	LOW	64QAM	20.96	20.89	20.88	21.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.80	23.80	23.82	24.50
		MID	QPSK	23.90	23.90	23.95	24.50
		HIGH	QPSK	23.81	23.77	23.84	24.50
	50	LOW	QPSK	23.00	22.96	22.89	23.50
		MID	QPSK	22.98	22.95	22.91	23.50
		HIGH	QPSK	22.93	22.91	22.89	23.50
	100	LOW	QPSK	22.94	22.92	22.86	23.50
20	1	LOW	Q16	23.21	22.88	23.35	23.50
		MID	Q16	23.28	23.00	23.47	23.50
		HIGH	Q16	23.20	22.93	23.35	23.50
	50	LOW	Q16	21.96	21.94	21.90	22.50
		MID	Q16	21.95	21.94	21.93	22.50
		HIGH	Q16	21.89	21.89	21.89	22.50
	100	LOW	Q16	21.93	21.90	21.85	22.50
20	1	LOW	64QAM	22.33	21.90	22.42	22.50
		MID	64QAM	22.33	22.03	21.58	22.50
		HIGH	64QAM	22.25	21.86	22.49	22.50
	50	LOW	64QAM	20.96	21.00	21.03	21.50
		MID	64QAM	20.92	20.93	20.98	21.50
		HIGH	64QAM	20.82	20.99	20.88	21.50
	100	LOW	64QAM	21.06	20.88	20.98	21.50

LTE B38-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	25.30	25.41	25.08	25.50
		MID	QPSK	25.31	25.41	25.09	25.50
		HIGH	QPSK	25.26	25.45	25.11	25.50
	12	LOW	QPSK	24.27	24.28	24.16	24.50
		MID	QPSK	24.25	24.22	24.13	24.50
		HIGH	QPSK	24.24	24.22	24.11	24.50
	25	LOW	QPSK	24.26	24.23	24.13	24.50
5	1	LOW	Q16	24.09	24.46	24.46	24.50
		MID	Q16	24.09	24.45	24.47	24.50
		HIGH	Q16	24.07	24.46	24.46	24.50
	12	LOW	Q16	23.39	23.30	23.12	23.50
		MID	Q16	23.35	23.21	23.10	23.50
		HIGH	Q16	23.33	23.24	23.09	23.50
	25	LOW	Q16	23.29	23.26	23.17	23.50
5	1	LOW	64QAM	23.06	23.38	23.23	23.50
		MID	64QAM	23.19	23.30	23.39	23.50
		HIGH	64QAM	23.19	23.48	23.39	23.50
	12	LOW	64QAM	22.41	22.31	22.18	22.50
		MID	64QAM	22.28	22.32	22.21	22.50
		HIGH	64QAM	22.40	22.11	21.97	22.50
	25	LOW	64QAM	22.15	22.11	22.08	22.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	25.14	25.04	25.24	25.50
		MID	QPSK	25.25	25.21	25.11	25.50
		HIGH	QPSK	25.22	25.22	25.16	25.50
	25	LOW	QPSK	24.20	24.37	24.07	24.50
		MID	QPSK	24.21	24.26	24.18	24.50
		HIGH	QPSK	24.23	24.11	24.09	24.50
	50	LOW	QPSK	24.32	24.14	24.17	24.50
10	1	LOW	Q16	24.36	24.26	24.09	24.50
		MID	Q16	24.03	24.41	24.31	24.50
		HIGH	Q16	24.32	24.30	24.08	24.50
	25	LOW	Q16	23.19	23.10	23.20	23.50
		MID	Q16	23.33	23.23	23.08	23.50
		HIGH	Q16	23.20	23.34	22.98	23.50
	50	LOW	Q16	23.30	23.08	23.15	23.50
10	1	LOW	64QAM	23.03	23.30	22.60	23.50
		MID	64QAM	22.79	23.32	22.73	23.50
		HIGH	64QAM	23.03	23.43	23.01	23.50
	25	LOW	64QAM	22.42	22.38	22.05	22.50
		MID	64QAM	22.09	22.21	22.18	22.50
		HIGH	64QAM	21.98	22.09	22.20	22.50
	50	LOW	64QAM	22.42	22.14	22.00	22.50

LTE B38-Full Power -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	25.19	25.13	25.07	25.50
		MID	QPSK	25.11	25.09	25.20	25.50
		HIGH	QPSK	25.26	25.08	25.19	25.50
	36	LOW	QPSK	24.40	24.31	24.26	24.50
		MID	QPSK	24.29	24.29	24.05	24.50
		HIGH	QPSK	24.21	24.09	24.05	24.50
	75	LOW	QPSK	24.19	24.16	24.19	24.50
15	1	LOW	Q16	24.32	24.13	24.22	24.50
		MID	Q16	24.03	24.34	24.11	24.50
		HIGH	Q16	24.24	24.10	24.13	24.50
	36	LOW	Q16	23.36	23.34	23.19	23.50
		MID	Q16	23.12	23.16	23.18	23.50
		HIGH	Q16	23.32	23.04	23.24	23.50
	75	LOW	Q16	23.14	23.13	23.14	23.50
15	1	LOW	64QAM	22.98	23.31	22.63	23.50
		MID	64QAM	22.70	23.50	22.52	23.50
		HIGH	64QAM	23.07	23.29	23.10	23.50
	36	LOW	64QAM	22.43	22.30	22.14	22.50
		MID	64QAM	22.17	22.17	22.10	22.50
		HIGH	64QAM	22.02	22.02	22.06	22.50
	75	LOW	64QAM	22.37	21.98	22.19	22.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	25.09	25.07	25.12	25.50
		MID	QPSK	25.19	25.22	25.29	25.50
		HIGH	QPSK	25.12	25.09	25.05	25.50
	50	LOW	QPSK	24.26	24.24	24.15	24.50
		MID	QPSK	24.26	24.24	24.15	24.50
		HIGH	QPSK	24.22	24.20	24.11	24.50
	100	LOW	QPSK	24.20	24.22	24.11	24.50
20	1	LOW	Q16	24.47	24.21	24.08	24.50
		MID	Q16	24.09	24.34	24.17	24.50
		HIGH	Q16	24.49	24.22	24.03	24.50
	50	LOW	Q16	23.23	23.24	23.15	23.50
		MID	Q16	23.22	23.25	23.18	23.50
		HIGH	Q16	23.20	23.19	23.13	23.50
	100	LOW	Q16	23.19	23.20	23.09	23.50
20	1	LOW	64QAM	23.07	23.30	22.73	23.50
		MID	64QAM	22.68	23.46	22.67	23.50
		HIGH	64QAM	23.06	23.29	22.99	23.50
	50	LOW	64QAM	22.36	22.24	22.01	22.50
		MID	64QAM	22.17	22.17	22.16	22.50
		HIGH	64QAM	22.05	22.06	22.16	22.50
	100	LOW	64QAM	22.32	22.11	22.04	22.50

LTE B38-DSI1&2 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	25.30	25.41	25.08	25.50
		MID	QPSK	25.31	25.41	25.09	25.50
		HIGH	QPSK	25.26	25.45	25.11	25.50
	12	LOW	QPSK	24.27	24.28	24.16	24.50
		MID	QPSK	24.25	24.22	24.13	24.50
		HIGH	QPSK	24.24	24.22	24.11	24.50
	25	LOW	QPSK	24.26	24.23	24.13	24.50
5	1	LOW	Q16	24.09	24.46	24.46	24.50
		MID	Q16	24.09	24.45	24.47	24.50
		HIGH	Q16	24.07	24.46	24.46	24.50
	12	LOW	Q16	23.39	23.30	23.12	23.50
		MID	Q16	23.35	23.21	23.10	23.50
		HIGH	Q16	23.33	23.24	23.09	23.50
	25	LOW	Q16	23.29	23.26	23.17	23.50
5	1	LOW	64QAM	23.06	23.38	23.23	23.50
		MID	64QAM	23.19	23.30	23.39	23.50
		HIGH	64QAM	23.19	23.48	23.39	23.50
	12	LOW	64QAM	22.41	22.31	22.18	22.50
		MID	64QAM	22.28	22.32	22.21	22.50
		HIGH	64QAM	22.40	22.11	21.97	22.50
	25	LOW	64QAM	22.15	22.11	22.08	22.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	25.14	25.04	25.24	25.50
		MID	QPSK	25.25	25.21	25.11	25.50
		HIGH	QPSK	25.22	25.22	25.16	25.50
	25	LOW	QPSK	24.20	24.37	24.07	24.50
		MID	QPSK	24.21	24.26	24.18	24.50
		HIGH	QPSK	24.23	24.11	24.09	24.50
	50	LOW	QPSK	24.32	24.14	24.17	24.50
10	1	LOW	Q16	24.36	24.26	24.09	24.50
		MID	Q16	24.03	24.41	24.31	24.50
		HIGH	Q16	24.32	24.30	24.08	24.50
	25	LOW	Q16	23.19	23.10	23.20	23.50
		MID	Q16	23.33	23.23	23.08	23.50
		HIGH	Q16	23.20	23.34	22.98	23.50
	50	LOW	Q16	23.30	23.08	23.15	23.50
10	1	LOW	64QAM	23.03	23.30	22.60	23.50
		MID	64QAM	22.79	23.32	22.73	23.50
		HIGH	64QAM	23.03	23.43	23.01	23.50
	25	LOW	64QAM	22.42	22.38	22.05	22.50
		MID	64QAM	22.09	22.21	22.18	22.50
		HIGH	64QAM	21.98	22.09	22.20	22.50
	50	LOW	64QAM	22.42	22.14	22.00	22.50

LTE B38-DSI1&2 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	25.19	25.13	25.07	25.50
		MID	QPSK	25.11	25.09	25.20	25.50
		HIGH	QPSK	25.26	25.08	25.19	25.50
	36	LOW	QPSK	24.40	24.31	24.26	24.50
		MID	QPSK	24.29	24.29	24.05	24.50
		HIGH	QPSK	24.21	24.09	24.05	24.50
	75	LOW	QPSK	24.19	24.16	24.19	24.50
15	1	LOW	Q16	24.32	24.13	24.22	24.50
		MID	Q16	24.03	24.34	24.11	24.50
		HIGH	Q16	24.24	24.10	24.13	24.50
	36	LOW	Q16	23.36	23.34	23.19	23.50
		MID	Q16	23.12	23.16	23.18	23.50
		HIGH	Q16	23.32	23.04	23.24	23.50
	75	LOW	Q16	23.14	23.13	23.14	23.50
15	1	LOW	64QAM	22.98	23.31	22.63	23.50
		MID	64QAM	22.70	23.50	22.52	23.50
		HIGH	64QAM	23.07	23.29	23.10	23.50
	36	LOW	64QAM	22.43	22.30	22.14	22.50
		MID	64QAM	22.17	22.17	22.10	22.50
		HIGH	64QAM	22.02	22.02	22.06	22.50
	75	LOW	64QAM	22.37	21.98	22.19	22.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	25.09	25.07	25.12	25.50
		MID	QPSK	25.19	25.22	25.29	25.50
		HIGH	QPSK	25.12	25.09	25.05	25.50
	50	LOW	QPSK	24.26	24.24	24.15	24.50
		MID	QPSK	24.26	24.24	24.15	24.50
		HIGH	QPSK	24.22	24.20	24.11	24.50
	100	LOW	QPSK	24.20	24.22	24.11	24.50
20	1	LOW	Q16	24.47	24.21	24.08	24.50
		MID	Q16	24.09	24.34	24.17	24.50
		HIGH	Q16	24.49	24.22	24.03	24.50
	50	LOW	Q16	23.23	23.24	23.15	23.50
		MID	Q16	23.22	23.25	23.18	23.50
		HIGH	Q16	23.20	23.19	23.13	23.50
	100	LOW	Q16	23.19	23.20	23.09	23.50
20	1	LOW	64QAM	23.07	23.30	22.73	23.50
		MID	64QAM	22.68	23.46	22.67	23.50
		HIGH	64QAM	23.06	23.29	22.99	23.50
	50	LOW	64QAM	22.36	22.24	22.01	22.50
		MID	64QAM	22.17	22.17	22.16	22.50
		HIGH	64QAM	22.05	22.06	22.16	22.50
	100	LOW	64QAM	22.32	22.11	22.04	22.50

LTE B38-DSI3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	18.37	18.41	18.36	19.50
		MID	QPSK	18.37	18.40	18.32	19.50
		HIGH	QPSK	18.37	18.40	18.36	19.50
	12	LOW	QPSK	18.35	18.40	18.33	19.50
		MID	QPSK	18.33	18.33	18.32	19.50
		HIGH	QPSK	18.31	18.34	18.30	19.50
	25	LOW	QPSK	18.34	18.39	18.35	19.50
5	1	LOW	Q16	18.73	18.60	18.67	19.50
		MID	Q16	18.76	18.61	18.62	19.50
		HIGH	Q16	18.76	18.60	18.65	19.50
	12	LOW	Q16	18.48	18.43	18.31	19.50
		MID	Q16	18.43	18.38	18.30	19.50
		HIGH	Q16	18.41	18.40	18.30	19.50
	25	LOW	Q16	18.40	18.40	18.40	19.50
5	1	LOW	64QAM	18.84	18.68	18.75	19.50
		MID	64QAM	18.61	18.59	18.68	19.50
		HIGH	64QAM	18.71	18.63	18.77	19.50
	12	LOW	64QAM	18.49	18.33	18.45	19.50
		MID	64QAM	18.42	18.23	18.35	19.50
		HIGH	64QAM	18.40	18.29	18.20	19.50
	25	LOW	64QAM	18.31	18.35	18.25	19.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	18.36	18.37	18.29	19.50
		MID	QPSK	18.44	18.39	18.51	19.50
		HIGH	QPSK	18.37	18.39	18.47	19.50
	25	LOW	QPSK	18.29	18.44	18.34	19.50
		MID	QPSK	18.43	18.50	18.41	19.50
		HIGH	QPSK	18.50	18.22	18.41	19.50
	50	LOW	QPSK	18.22	18.27	18.16	19.50
10	1	LOW	Q16	18.61	18.56	18.62	19.50
		MID	Q16	18.65	18.49	18.84	19.50
		HIGH	Q16	18.67	18.59	18.64	19.50
	25	LOW	Q16	18.33	18.27	18.48	19.50
		MID	Q16	18.47	18.51	18.50	19.50
		HIGH	Q16	18.52	18.30	18.25	19.50
	50	LOW	Q16	18.21	18.46	18.46	19.50
10	1	LOW	64QAM	18.35	18.47	18.52	19.50
		MID	64QAM	18.83	18.77	18.55	19.50
		HIGH	64QAM	18.72	18.48	18.73	19.50
	25	LOW	64QAM	18.35	18.32	18.26	19.50
		MID	64QAM	18.65	18.43	18.52	19.50
		HIGH	64QAM	18.37	18.38	18.38	19.50
	50	LOW	64QAM	18.31	18.39	18.54	19.50

LTE B38-DSI3&4 -ANT1							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	18.27	18.08	18.21	19.50
		MID	QPSK	18.27	18.32	18.32	19.50
		HIGH	QPSK	18.33	18.20	18.26	19.50
	36	LOW	QPSK	18.31	18.54	18.31	19.50
		MID	QPSK	18.41	18.26	18.43	19.50
		HIGH	QPSK	18.45	18.22	18.27	19.50
	75	LOW	QPSK	18.37	18.47	18.44	19.50
15	1	LOW	Q16	18.66	18.45	18.81	19.50
		MID	Q16	18.87	18.68	18.78	19.50
		HIGH	Q16	18.46	18.58	18.77	19.50
	36	LOW	Q16	18.21	18.29	18.32	19.50
		MID	Q16	18.47	18.52	18.23	19.50
		HIGH	Q16	18.31	18.44	18.27	19.50
	75	LOW	Q16	18.34	18.21	18.35	19.50
15	1	LOW	64QAM	18.59	18.25	18.46	19.50
		MID	64QAM	18.64	18.65	18.79	19.50
		HIGH	64QAM	18.49	18.61	18.73	19.50
	36	LOW	64QAM	18.42	18.49	18.40	19.50
		MID	64QAM	18.50	18.28	18.56	19.50
		HIGH	64QAM	18.51	18.53	18.35	19.50
	75	LOW	64QAM	18.12	18.54	18.32	19.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	18.26	18.23	18.36	19.50
		MID	QPSK	18.40	18.38	18.41	19.50
		HIGH	QPSK	18.27	18.25	18.32	19.50
	50	LOW	QPSK	18.35	18.39	18.31	19.50
		MID	QPSK	18.42	18.40	18.34	19.50
		HIGH	QPSK	18.37	18.35	18.30	19.50
	100	LOW	QPSK	18.37	18.36	18.30	19.50
20	1	LOW	Q16	18.57	18.48	18.66	19.50
		MID	Q16	18.74	18.60	18.73	19.50
		HIGH	Q16	18.59	18.50	18.62	19.50
	50	LOW	Q16	18.33	18.39	18.34	19.50
		MID	Q16	18.36	18.42	18.36	19.50
		HIGH	Q16	18.37	18.37	18.35	19.50
	100	LOW	Q16	18.33	18.35	18.31	19.50
20	1	LOW	64QAM	18.48	18.38	18.55	19.50
		MID	64QAM	18.77	18.62	18.69	19.50
		HIGH	64QAM	18.64	18.59	18.77	19.50
	50	LOW	64QAM	18.31	18.45	18.34	19.50
		MID	64QAM	18.50	18.36	18.50	19.50
		HIGH	64QAM	18.51	18.40	18.42	19.50
	100	LOW	64QAM	18.21	18.43	18.43	19.50

8.3.11LTE Band41 Output Power

LTE B41-Full Power -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	23.62	24.02	24.04	23.91	24.50
		MID	QPSK	23.57	23.87	23.99	23.92	23.88	24.50
		HIGH	QPSK	23.58	23.73	24.01	24.05	24.00	24.50
	12	LOW	QPSK	23.24	22.72	22.79	22.79	23.05	23.50
		MID	QPSK	23.24	22.95	22.97	22.99	23.03	23.50
		HIGH	QPSK	23.22	22.95	22.88	22.86	23.00	23.50
	25	LOW	QPSK	23.23	22.76	22.95	22.69	23.06	23.50
5	1	LOW	Q16	23.40	23.01	23.17	22.99	23.35	23.50
		MID	Q16	22.58	23.19	23.36	23.13	23.22	23.50
		HIGH	Q16	22.60	23.10	23.23	23.04	23.10	23.50
	12	LOW	Q16	22.26	21.87	22.02	22.01	21.84	22.50
		MID	Q16	22.15	21.95	21.92	21.73	21.83	22.50
		HIGH	Q16	22.20	21.91	21.88	21.78	21.87	22.50
	25	LOW	Q16	22.20	21.97	21.91	21.92	21.91	22.50
5	1	LOW	64QAM	22.45	21.98	22.30	21.84	22.48	22.50
		MID	64QAM	21.61	22.19	22.44	22.22	22.17	22.50
		HIGH	64QAM	21.64	22.15	22.17	22.05	21.97	22.50
	12	LOW	64QAM	21.41	20.96	21.08	20.92	20.76	21.50
		MID	64QAM	21.12	20.95	21.07	20.80	20.75	21.50
		HIGH	64QAM	21.13	20.95	20.98	20.82	20.97	21.50
	25	LOW	64QAM	21.06	21.12	21.04	20.77	21.04	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.38	23.69	23.90	24.04	23.79	24.50
		MID	QPSK	23.55	23.67	24.01	23.94	23.94	24.50
		HIGH	QPSK	24.45	23.74	23.98	24.04	23.92	24.50
	25	LOW	QPSK	23.12	22.96	22.92	22.91	23.02	23.50
		MID	QPSK	23.16	22.88	22.84	22.91	22.82	23.50
		HIGH	QPSK	23.25	22.83	23.00	22.69	22.89	23.50
	50	LOW	QPSK	23.22	22.76	22.89	22.77	23.04	23.50
10	1	LOW	Q16	23.48	22.95	23.14	23.06	23.19	23.50
		MID	Q16	23.45	23.26	23.19	22.94	23.13	23.50
		HIGH	Q16	22.54	23.11	23.13	23.23	23.22	23.50
	25	LOW	Q16	22.31	21.76	21.95	21.90	21.76	22.50
		MID	Q16	22.25	21.94	22.03	21.84	21.89	22.50
		HIGH	Q16	22.23	21.79	21.98	21.94	21.91	22.50
	50	LOW	Q16	22.25	21.97	21.81	21.76	22.08	22.50
10	1	LOW	64QAM	21.58	22.33	22.06	21.87	22.37	22.50
		MID	64QAM	22.48	22.20	22.26	22.22	22.11	22.50
		HIGH	64QAM	22.44	22.29	22.18	22.06	22.08	22.50
	25	LOW	64QAM	21.28	20.99	20.95	20.67	20.97	21.50
		MID	64QAM	21.34	20.61	20.83	20.68	20.86	21.50
		HIGH	64QAM	21.23	20.77	21.08	20.86	20.86	21.50
	50	LOW	64QAM	21.23	20.83	21.03	20.89	20.83	21.50

LTE B41-Full Power -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.30	23.67	23.88	24.01	23.69	24.50
		MID	QPSK	23.55	23.67	23.98	24.06	24.01	24.50
		HIGH	QPSK	24.35	23.81	23.87	23.91	23.72	24.50
	36	LOW	QPSK	23.32	22.84	23.00	22.82	23.08	23.50
		MID	QPSK	23.34	23.01	22.84	22.96	22.93	23.50
		HIGH	QPSK	23.19	22.89	22.96	22.95	22.93	23.50
	75	LOW	QPSK	23.19	22.67	22.85	22.70	22.98	23.50
15	1	LOW	Q16	23.45	23.04	23.23	22.95	23.32	23.50
		MID	Q16	22.58	23.00	23.26	23.04	23.38	23.50
		HIGH	Q16	22.58	23.19	23.34	23.06	23.14	23.50
	36	LOW	Q16	22.22	21.81	21.95	21.96	22.02	22.50
		MID	Q16	22.26	21.80	22.10	21.73	21.81	22.50
		HIGH	Q16	22.20	21.88	21.98	21.85	21.71	22.50
	75	LOW	Q16	22.10	21.95	22.04	22.00	22.08	22.50
15	1	LOW	64QAM	22.32	22.07	22.19	22.10	22.40	22.50
		MID	64QAM	22.47	22.06	22.45	22.23	22.26	22.50
		HIGH	64QAM	22.50	22.19	22.09	22.24	22.19	22.50
	36	LOW	64QAM	21.12	20.99	21.00	20.69	21.02	21.50
		MID	64QAM	21.37	20.74	20.87	20.87	20.90	21.50
		HIGH	64QAM	21.22	20.71	20.88	20.92	20.69	21.50
	75	LOW	64QAM	21.37	20.79	21.08	20.81	20.82	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	23.76	23.98	24.01	23.84	24.50
		MID	QPSK	24.45	23.80	23.97	24.02	23.86	24.50
		HIGH	QPSK	24.50	23.80	23.96	24.03	23.86	24.50
	50	LOW	QPSK	23.26	22.85	22.91	22.87	22.96	23.50
		MID	QPSK	23.23	22.87	22.89	22.86	22.93	23.50
		HIGH	QPSK	23.24	22.87	22.87	22.84	22.90	23.50
	100	LOW	QPSK	23.23	22.82	22.91	22.84	22.92	23.50
20	1	LOW	Q16	23.45	23.10	23.28	23.09	23.22	23.50
		MID	Q16	23.44	23.15	23.27	23.08	23.26	23.50
		HIGH	Q16	23.49	23.13	23.26	23.09	23.23	23.50
	50	LOW	Q16	22.26	21.82	22.02	21.88	21.89	22.50
		MID	Q16	22.24	21.82	21.97	21.86	21.88	22.50
		HIGH	Q16	22.22	21.82	21.94	21.86	21.86	22.50
	100	LOW	Q16	22.25	21.84	21.93	21.87	21.95	22.50
20	1	LOW	64QAM	22.45	22.22	22.14	21.98	22.37	22.50
		MID	64QAM	22.36	22.13	22.38	22.22	22.16	22.50
		HIGH	64QAM	22.40	22.25	22.12	22.13	22.19	22.50
	50	LOW	64QAM	21.16	20.89	20.94	20.76	20.95	21.50
		MID	64QAM	21.35	20.69	20.82	20.74	20.99	21.50
		HIGH	64QAM	21.30	20.78	20.99	20.85	20.73	21.50
	100	LOW	64QAM	21.22	20.87	21.08	20.76	20.83	21.50

LTE B41-DSI1 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.31	20.26	20.33	20.27	20.26	21.00
		MID	QPSK	20.28	20.24	20.30	20.25	20.24	21.00
		HIGH	QPSK	20.31	20.24	20.31	20.28	20.25	21.00
	12	LOW	QPSK	20.30	20.28	20.29	20.26	20.28	21.00
		MID	QPSK	20.23	20.25	20.26	20.24	20.27	21.00
		HIGH	QPSK	20.21	20.22	20.24	20.23	20.23	21.00
	25	LOW	QPSK	20.25	20.24	20.28	20.26	20.25	21.00
5	1	LOW	Q16	20.09	20.20	20.32	20.08	20.21	21.00
		MID	Q16	20.10	20.21	20.34	20.10	20.21	21.00
		HIGH	Q16	20.14	20.19	20.32	20.13	20.20	21.00
	12	LOW	Q16	20.32	20.28	20.03	20.30	20.28	21.00
		MID	Q16	20.29	20.25	20.38	20.29	20.24	21.00
		HIGH	Q16	20.29	20.24	20.36	20.30	20.23	21.00
	25	LOW	Q16	20.28	20.32	20.33	20.30	20.31	21.00
5	1	LOW	64QAM	20.22	20.11	20.38	20.13	20.17	21.00
		MID	64QAM	20.16	20.11	20.43	20.03	20.16	21.00
		HIGH	64QAM	20.23	20.04	20.33	20.01	20.30	21.00
	12	LOW	64QAM	20.44	20.14	20.23	20.27	20.16	21.00
		MID	64QAM	20.20	20.34	20.51	20.18	20.29	21.00
		HIGH	64QAM	20.27	20.38	20.39	20.43	20.38	21.00
	25	LOW	64QAM	20.34	20.32	20.26	20.21	20.42	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.25	20.23	20.31	20.01	20.22	21.00
		MID	QPSK	20.06	20.36	20.53	20.16	20.32	21.00
		HIGH	QPSK	20.22	20.27	20.12	20.07	20.06	21.00
	25	LOW	QPSK	20.31	20.46	20.25	20.29	20.24	21.00
		MID	QPSK	20.19	20.09	20.43	20.21	20.23	21.00
		HIGH	QPSK	20.11	20.25	20.26	20.38	20.16	21.00
	50	LOW	QPSK	20.20	20.24	20.20	20.12	20.24	21.00
10	1	LOW	Q16	20.33	20.17	20.32	20.00	20.13	21.00
		MID	Q16	20.23	20.01	20.20	20.35	20.27	21.00
		HIGH	Q16	20.24	20.25	20.13	20.33	20.08	21.00
	25	LOW	Q16	20.13	20.12	20.23	20.17	20.26	21.00
		MID	Q16	20.21	20.36	20.47	20.38	20.33	21.00
		HIGH	Q16	20.29	20.25	20.44	20.46	20.38	21.00
	50	LOW	Q16	20.18	20.24	20.40	20.25	20.38	21.00
10	1	LOW	64QAM	20.58	20.33	20.17	20.03	20.12	21.00
		MID	64QAM	20.08	20.07	20.14	20.21	20.15	21.00
		HIGH	64QAM	20.40	20.24	20.08	20.28	20.22	21.00
	25	LOW	64QAM	20.40	20.34	20.15	20.35	20.11	21.00
		MID	64QAM	20.45	20.13	20.31	20.36	20.41	21.00
		HIGH	64QAM	20.22	20.34	20.40	20.31	20.40	21.00
	50	LOW	64QAM	20.10	20.51	20.26	20.30	20.13	21.00

LTE B41-DSI1 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.17	20.04	20.35	20.19	20.03	21.00
		MID	QPSK	20.30	20.30	20.47	20.27	20.33	21.00
		HIGH	QPSK	20.11	20.20	20.39	20.13	20.30	21.00
	36	LOW	QPSK	20.35	20.29	20.36	20.10	20.17	21.00
		MID	QPSK	20.07	20.29	20.44	20.12	20.39	21.00
		HIGH	QPSK	20.04	20.10	20.23	20.35	20.25	21.00
	75	LOW	QPSK	20.13	20.25	20.26	20.20	20.25	21.00
15	1	LOW	Q16	20.24	20.34	20.21	20.13	20.07	21.00
		MID	Q16	20.07	20.13	20.19	20.43	20.35	21.00
		HIGH	Q16	20.25	20.12	20.29	20.19	20.10	21.00
	36	LOW	Q16	20.19	20.19	20.41	20.22	20.30	21.00
		MID	Q16	20.23	20.18	20.24	20.16	20.38	21.00
		HIGH	Q16	20.02	20.26	20.35	20.41	20.15	21.00
	75	LOW	Q16	20.27	20.19	20.44	20.09	20.14	21.00
15	1	LOW	64QAM	20.56	20.30	20.09	20.09	20.18	21.00
		MID	64QAM	20.00	20.24	20.16	20.28	20.26	21.00
		HIGH	64QAM	20.30	20.17	20.28	20.24	20.19	21.00
	36	LOW	64QAM	20.37	20.34	20.15	20.42	20.06	21.00
		MID	64QAM	20.35	20.17	20.27	20.29	20.33	21.00
		HIGH	64QAM	20.31	20.08	20.46	20.45	20.39	21.00
	75	LOW	64QAM	20.28	20.60	20.37	20.18	20.13	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.06	20.24	20.23	20.13	20.08	21.00
		MID	QPSK	20.51	20.27	20.42	20.27	20.21	21.00
		HIGH	QPSK	20.01	20.18	20.27	20.03	20.17	21.00
	50	LOW	QPSK	20.21	20.33	20.30	20.17	20.21	21.00
		MID	QPSK	20.48	20.19	20.31	20.23	20.24	21.00
		HIGH	QPSK	20.12	20.22	20.28	20.42	20.28	21.00
	100	LOW	QPSK	20.31	20.19	20.28	20.25	20.26	21.00
20	1	LOW	Q16	20.33	20.30	20.21	20.00	20.04	21.00
		MID	Q16	20.03	20.05	20.34	20.31	20.20	21.00
		HIGH	Q16	20.28	20.26	20.20	20.21	20.14	21.00
	50	LOW	Q16	20.23	20.17	20.32	20.31	20.21	21.00
		MID	Q16	20.21	20.22	20.37	20.30	20.24	21.00
		HIGH	Q16	20.14	20.15	20.34	20.35	20.26	21.00
	100	LOW	Q16	20.19	20.33	20.29	20.24	20.27	21.00
20	1	LOW	64QAM	20.46	20.35	20.08	20.25	20.21	21.00
		MID	64QAM	20.20	20.09	20.24	20.17	20.11	21.00
		HIGH	64QAM	20.32	20.13	20.13	20.34	20.01	21.00
	50	LOW	64QAM	20.28	20.23	20.18	20.42	20.19	21.00
		MID	64QAM	20.36	20.26	20.40	20.42	20.39	21.00
		HIGH	64QAM	20.19	20.21	20.48	20.36	20.30	21.00
	100	LOW	64QAM	20.07	20.46	20.27	20.28	20.13	21.00

LTE B41-DSI2&3 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	23.62	24.02	24.04	23.91	24.50
		MID	QPSK	23.57	23.87	23.99	23.92	23.88	24.50
		HIGH	QPSK	23.58	23.73	24.01	24.05	24.00	24.50
	12	LOW	QPSK	23.24	22.72	22.79	22.79	23.05	23.50
		MID	QPSK	23.24	22.95	22.97	22.99	23.03	23.50
		HIGH	QPSK	23.22	22.95	22.88	22.86	23.00	23.50
	25	LOW	QPSK	23.23	22.76	22.95	22.69	23.06	23.50
5	1	LOW	Q16	23.40	23.01	23.17	22.99	23.35	23.50
		MID	Q16	22.58	23.19	23.36	23.13	23.22	23.50
		HIGH	Q16	22.60	23.10	23.23	23.04	23.10	23.50
	12	LOW	Q16	22.26	21.87	22.02	22.01	21.84	22.50
		MID	Q16	22.15	21.95	21.92	21.73	21.83	22.50
		HIGH	Q16	22.20	21.91	21.88	21.78	21.87	22.50
	25	LOW	Q16	22.20	21.97	21.91	21.92	21.91	22.50
5	1	LOW	64QAM	22.45	21.98	22.30	21.84	22.48	22.50
		MID	64QAM	21.61	22.19	22.44	22.22	22.17	22.50
		HIGH	64QAM	21.64	22.15	22.17	22.05	21.97	22.50
	12	LOW	64QAM	21.41	20.96	21.08	20.92	20.76	21.50
		MID	64QAM	21.12	20.95	21.07	20.80	20.75	21.50
		HIGH	64QAM	21.13	20.95	20.98	20.82	20.97	21.50
	25	LOW	64QAM	21.06	21.12	21.04	20.77	21.04	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	24.38	23.69	23.90	24.04	23.79	24.50
		MID	QPSK	23.55	23.67	24.01	23.94	23.94	24.50
		HIGH	QPSK	24.45	23.74	23.98	24.04	23.92	24.50
	25	LOW	QPSK	23.12	22.96	22.92	22.91	23.02	23.50
		MID	QPSK	23.16	22.88	22.84	22.91	22.82	23.50
		HIGH	QPSK	23.25	22.83	23.00	22.69	22.89	23.50
	50	LOW	QPSK	23.22	22.76	22.89	22.77	23.04	23.50
10	1	LOW	Q16	23.48	22.95	23.14	23.06	23.19	23.50
		MID	Q16	23.45	23.26	23.19	22.94	23.13	23.50
		HIGH	Q16	22.54	23.11	23.13	23.23	23.22	23.50
	25	LOW	Q16	22.31	21.76	21.95	21.90	21.76	22.50
		MID	Q16	22.25	21.94	22.03	21.84	21.89	22.50
		HIGH	Q16	22.23	21.79	21.98	21.94	21.91	22.50
	50	LOW	Q16	22.25	21.97	21.81	21.76	22.08	22.50
10	1	LOW	64QAM	21.58	22.33	22.06	21.87	22.37	22.50
		MID	64QAM	22.48	22.20	22.26	22.22	22.11	22.50
		HIGH	64QAM	22.44	22.29	22.18	22.06	22.08	22.50
	25	LOW	64QAM	21.28	20.99	20.95	20.67	20.97	21.50
		MID	64QAM	21.34	20.61	20.83	20.68	20.86	21.50
		HIGH	64QAM	21.23	20.77	21.08	20.86	20.86	21.50
	50	LOW	64QAM	21.23	20.83	21.03	20.89	20.83	21.50

LTE B41-DSI2&3 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	24.30	23.67	23.88	24.01	23.69	24.50
		MID	QPSK	23.55	23.67	23.98	24.06	24.01	24.50
		HIGH	QPSK	24.35	23.81	23.87	23.91	23.72	24.50
	36	LOW	QPSK	23.32	22.84	23.00	22.82	23.08	23.50
		MID	QPSK	23.34	23.01	22.84	22.96	22.93	23.50
		HIGH	QPSK	23.19	22.89	22.96	22.95	22.93	23.50
	75	LOW	QPSK	23.19	22.67	22.85	22.70	22.98	23.50
15	1	LOW	Q16	23.45	23.04	23.23	22.95	23.32	23.50
		MID	Q16	22.58	23.00	23.26	23.04	23.38	23.50
		HIGH	Q16	22.58	23.19	23.34	23.06	23.14	23.50
	36	LOW	Q16	22.22	21.81	21.95	21.96	22.02	22.50
		MID	Q16	22.26	21.80	22.10	21.73	21.81	22.50
		HIGH	Q16	22.20	21.88	21.98	21.85	21.71	22.50
	75	LOW	Q16	22.10	21.95	22.04	22.00	22.08	22.50
15	1	LOW	64QAM	22.32	22.07	22.19	22.10	22.40	22.50
		MID	64QAM	22.47	22.06	22.45	22.23	22.26	22.50
		HIGH	64QAM	22.50	22.19	22.09	22.24	22.19	22.50
	36	LOW	64QAM	21.12	20.99	21.00	20.69	21.02	21.50
		MID	64QAM	21.37	20.74	20.87	20.87	20.90	21.50
		HIGH	64QAM	21.22	20.71	20.88	20.92	20.69	21.50
	75	LOW	64QAM	21.37	20.79	21.08	20.81	20.82	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	24.45	23.76	23.98	24.01	23.84	24.50
		MID	QPSK	24.45	23.80	23.97	24.02	23.86	24.50
		HIGH	QPSK	24.50	23.80	23.96	24.03	23.86	24.50
	50	LOW	QPSK	23.26	22.85	22.91	22.87	22.96	23.50
		MID	QPSK	23.23	22.87	22.89	22.86	22.93	23.50
		HIGH	QPSK	23.24	22.87	22.87	22.84	22.90	23.50
	100	LOW	QPSK	23.23	22.82	22.91	22.84	22.92	23.50
20	1	LOW	Q16	23.45	23.10	23.28	23.09	23.22	23.50
		MID	Q16	23.44	23.15	23.27	23.08	23.26	23.50
		HIGH	Q16	23.49	23.13	23.26	23.09	23.23	23.50
	50	LOW	Q16	22.26	21.82	22.02	21.88	21.89	22.50
		MID	Q16	22.24	21.82	21.97	21.86	21.88	22.50
		HIGH	Q16	22.22	21.82	21.94	21.86	21.86	22.50
	100	LOW	Q16	22.25	21.84	21.93	21.87	21.95	22.50
20	1	LOW	64QAM	22.45	22.22	22.14	21.98	22.37	22.50
		MID	64QAM	22.36	22.13	22.38	22.22	22.16	22.50
		HIGH	64QAM	22.40	22.25	22.12	22.13	22.19	22.50
	50	LOW	64QAM	21.16	20.89	20.94	20.76	20.95	21.50
		MID	64QAM	21.35	20.69	20.82	20.74	20.99	21.50
		HIGH	64QAM	21.30	20.78	20.99	20.85	20.73	21.50
	100	LOW	64QAM	21.22	20.87	21.08	20.76	20.83	21.50

LTE B41-DSI4 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.68	19.66	19.50	19.50	19.66	20.50
		MID	QPSK	19.69	19.67	19.63	19.57	19.81	20.50
		HIGH	QPSK	19.68	19.66	19.59	19.74	19.68	20.50
	12	LOW	QPSK	19.66	19.67	19.58	19.63	19.71	20.50
		MID	QPSK	19.66	19.67	19.65	19.60	19.71	20.50
		HIGH	QPSK	19.63	19.65	19.71	19.52	19.68	20.50
	25	LOW	QPSK	19.68	19.66	19.63	19.57	19.70	20.50
5	1	LOW	Q16	19.62	19.72	19.58	19.66	19.77	20.50
		MID	Q16	19.63	19.71	19.72	19.53	19.92	20.50
		HIGH	Q16	19.64	19.71	19.66	19.63	19.78	20.50
	12	LOW	Q16	19.69	19.66	19.55	19.63	19.73	20.50
		MID	Q16	19.67	19.63	19.63	19.59	19.76	20.50
		HIGH	Q16	19.66	19.61	19.75	19.54	19.73	20.50
	25	LOW	Q16	19.70	19.70	19.65	19.58	19.71	20.50
5	1	LOW	64QAM	19.59	19.82	19.68	19.78	19.88	20.50
		MID	64QAM	19.74	19.64	19.71	19.56	19.91	20.50
		HIGH	64QAM	19.50	19.65	19.78	19.76	19.68	20.50
	12	LOW	64QAM	19.83	19.54	19.57	19.72	19.88	20.50
		MID	64QAM	19.74	19.51	19.78	19.67	19.81	20.50
		HIGH	64QAM	19.59	19.50	19.66	19.54	19.67	20.50
	25	LOW	64QAM	19.60	19.56	19.64	19.64	19.81	20.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.87	19.59	19.79	19.63	19.61	20.50
		MID	QPSK	19.63	19.78	19.98	19.66	19.73	20.50
		HIGH	QPSK	19.76	19.61	19.62	19.58	19.75	20.50
	25	LOW	QPSK	19.71	19.78	19.84	19.79	19.53	20.50
		MID	QPSK	19.51	19.63	19.72	19.63	19.69	20.50
		HIGH	QPSK	19.71	19.73	19.81	19.51	19.53	20.50
	50	LOW	QPSK	19.68	19.57	19.73	19.65	19.62	20.50
10	1	LOW	Q16	19.96	19.82	19.73	19.76	19.61	20.50
		MID	Q16	19.61	19.75	19.81	19.67	19.85	20.50
		HIGH	Q16	19.61	19.78	19.75	19.70	19.73	20.50
	25	LOW	Q16	19.85	19.67	19.64	19.59	19.79	20.50
		MID	Q16	19.58	19.67	19.70	19.75	19.65	20.50
		HIGH	Q16	19.84	19.55	19.53	19.54	19.69	20.50
	50	LOW	Q16	19.78	19.72	19.66	19.68	19.80	20.50
10	1	LOW	64QAM	19.75	19.74	20.02	19.80	19.82	20.50
		MID	64QAM	19.64	19.74	20.06	19.50	19.74	20.50
		HIGH	64QAM	19.74	19.80	19.72	19.77	19.71	20.50
	25	LOW	64QAM	19.61	19.72	19.58	19.67	19.75	20.50
		MID	64QAM	19.68	19.54	19.52	19.64	19.74	20.50
		HIGH	64QAM	19.73	19.65	19.76	19.65	19.54	20.50
	50	LOW	64QAM	19.73	19.96	19.80	19.77	19.63	20.50

LTE B41-DSI4 -ANT4									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.61	19.75	19.75	19.74	19.74	20.50
		MID	QPSK	19.71	19.75	19.94	19.72	19.73	20.50
		HIGH	QPSK	19.77	19.78	19.72	19.61	19.54	20.50
	36	LOW	QPSK	19.70	19.58	19.77	19.75	19.54	20.50
		MID	QPSK	19.81	19.75	19.75	19.52	19.78	20.50
		HIGH	QPSK	19.63	19.72	19.57	19.55	19.53	20.50
	75	LOW	QPSK	19.82	19.56	19.83	19.67	19.59	20.50
15	1	LOW	Q16	19.96	19.78	19.95	19.65	19.83	20.50
		MID	Q16	19.62	19.84	19.82	19.60	19.73	20.50
		HIGH	Q16	19.62	19.69	19.76	19.67	19.81	20.50
	36	LOW	Q16	19.86	19.60	19.50	19.69	19.65	20.50
		MID	Q16	19.79	19.54	19.59	19.82	19.74	20.50
		HIGH	Q16	19.72	19.52	19.64	19.56	19.62	20.50
	75	LOW	Q16	19.63	19.88	19.86	19.61	19.74	20.50
15	1	LOW	64QAM	19.93	19.60	19.98	19.60	19.67	20.50
		MID	64QAM	19.83	19.68	19.93	19.64	19.52	20.50
		HIGH	64QAM	19.58	19.86	19.58	19.65	19.70	20.50
	36	LOW	64QAM	19.56	19.81	19.57	19.69	19.53	20.50
		MID	64QAM	19.61	19.69	19.51	19.74	19.62	20.50
		HIGH	64QAM	19.71	19.81	19.74	19.67	19.72	20.50
	75	LOW	64QAM	19.82	19.90	19.77	19.64	19.81	20.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.85	19.65	19.76	19.68	19.66	20.50
		MID	QPSK	19.71	19.64	19.83	19.69	19.67	20.50
		HIGH	QPSK	19.50	19.65	19.76	19.68	19.66	20.50
	50	LOW	QPSK	19.79	19.68	19.71	19.66	19.67	20.50
		MID	QPSK	19.66	19.65	19.74	19.66	19.67	20.50
		HIGH	QPSK	19.65	19.63	19.67	19.63	19.65	20.50
	100	LOW	QPSK	19.73	19.66	19.69	19.68	19.66	20.50
20	1	LOW	Q16	19.89	19.71	19.85	19.62	19.72	20.50
		MID	Q16	19.67	19.72	19.84	19.63	19.71	20.50
		HIGH	Q16	19.69	19.70	19.83	19.64	19.71	20.50
	50	LOW	Q16	19.71	19.67	19.56	19.69	19.66	20.50
		MID	Q16	19.69	19.63	19.53	19.67	19.63	20.50
		HIGH	Q16	19.70	19.62	19.52	19.66	19.61	20.50
	100	LOW	Q16	19.70	19.73	19.71	19.70	19.70	20.50
20	1	LOW	64QAM	19.80	19.69	19.87	19.75	19.78	20.50
		MID	64QAM	19.72	19.77	19.94	19.56	19.61	20.50
		HIGH	64QAM	19.58	19.76	19.73	19.67	19.79	20.50
	50	LOW	64QAM	19.71	19.79	19.71	19.72	19.55	20.50
		MID	64QAM	19.58	19.68	19.56	19.55	19.53	20.50
		HIGH	64QAM	19.73	19.73	19.56	19.77	19.51	20.50
	100	LOW	64QAM	19.80	19.82	19.70	19.67	19.70	20.50

LTE B41-Full Power -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	25.44	25.21	25.24	25.23	25.04	25.50
		MID	QPSK	25.45	25.04	25.15	25.30	24.90	25.50
		HIGH	QPSK	25.41	25.09	25.40	25.34	24.86	25.50
	12	LOW	QPSK	24.43	24.03	24.15	24.10	24.06	24.50
		MID	QPSK	24.34	24.07	24.23	24.01	24.20	24.50
		HIGH	QPSK	24.24	24.07	24.04	23.89	23.92	24.50
	25	LOW	QPSK	24.39	24.06	24.25	23.95	24.06	24.50
5	1	LOW	Q16	24.50	24.45	24.27	24.10	24.31	24.50
		MID	Q16	24.45	24.29	24.46	24.23	24.46	24.50
		HIGH	Q16	24.23	24.26	24.22	24.36	24.42	24.50
	12	LOW	Q16	23.35	23.25	23.43	23.01	23.14	23.50
		MID	Q16	23.42	23.24	23.14	22.90	23.07	23.50
		HIGH	Q16	23.50	23.19	23.41	23.03	23.06	23.50
	25	LOW	Q16	23.49	23.07	23.38	23.18	23.23	23.50
5	1	LOW	64QAM	23.22	23.50	23.42	22.99	23.17	23.50
		MID	64QAM	23.49	23.43	23.48	23.11	23.27	23.50
		HIGH	64QAM	23.30	23.29	23.27	23.28	23.24	23.50
	12	LOW	64QAM	22.29	22.33	22.29	22.14	22.02	22.50
		MID	64QAM	22.43	22.22	22.04	21.83	21.99	22.50
		HIGH	64QAM	22.40	22.15	22.35	22.08	22.07	22.50
	25	LOW	64QAM	22.49	22.08	22.30	22.33	22.08	22.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	25.38	24.96	25.39	25.14	24.84	25.50
		MID	QPSK	25.45	25.04	25.29	25.07	24.84	25.50
		HIGH	QPSK	25.21	25.14	25.18	25.24	24.82	25.50
	25	LOW	QPSK	24.31	24.29	24.14	24.20	24.15	24.50
		MID	QPSK	24.49	24.28	24.23	24.14	24.18	24.50
		HIGH	QPSK	24.23	24.26	24.24	23.93	24.07	24.50
	50	LOW	QPSK	24.27	24.13	24.22	24.01	23.98	24.50
10	1	LOW	Q16	24.20	24.28	24.16	24.25	24.41	24.50
		MID	Q16	24.20	24.27	24.40	24.15	24.49	24.50
		HIGH	Q16	24.27	24.26	24.38	24.25	24.30	24.50
	25	LOW	Q16	23.27	23.25	23.24	22.99	23.19	23.50
		MID	Q16	23.34	23.13	23.38	22.90	23.04	23.50
		HIGH	Q16	23.48	23.09	23.12	22.89	22.86	23.50
	50	LOW	Q16	23.42	23.14	23.18	23.10	23.12	23.50
10	1	LOW	64QAM	23.23	23.32	23.23	23.22	23.23	23.50
		MID	64QAM	23.32	23.26	23.27	23.27	23.43	23.50
		HIGH	64QAM	23.41	23.25	23.35	23.44	23.30	23.50
	25	LOW	64QAM	22.37	21.87	22.12	22.13	22.11	22.50
		MID	64QAM	22.31	22.15	22.17	21.93	22.03	22.50
		HIGH	64QAM	22.27	22.18	22.00	22.03	22.12	22.50
	50	LOW	64QAM	22.37	22.14	22.47	22.03	21.88	22.50

LTE B41-Full Power -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	25.28	25.00	25.15	25.09	24.98	25.50
		MID	QPSK	25.22	25.02	25.26	25.14	24.84	25.50
		HIGH	QPSK	25.28	25.21	25.15	25.29	25.07	25.50
	36	LOW	QPSK	24.30	24.16	24.22	24.16	24.18	24.50
		MID	QPSK	24.39	24.05	24.15	24.09	23.99	24.50
		HIGH	QPSK	24.21	24.06	24.08	23.93	24.12	24.50
	75	LOW	QPSK	24.40	23.97	24.36	23.99	23.91	24.50
15	1	LOW	Q16	24.50	24.36	24.38	24.25	24.39	24.50
		MID	Q16	24.20	24.33	24.27	24.32	24.40	24.50
		HIGH	Q16	24.34	24.47	24.14	24.30	24.44	24.50
	36	LOW	Q16	23.23	23.03	23.20	23.01	23.17	23.50
		MID	Q16	23.47	23.17	23.18	23.00	23.17	23.50
		HIGH	Q16	23.27	22.99	23.42	22.93	22.83	23.50
	75	LOW	Q16	23.29	23.15	23.19	23.12	23.09	23.50
15	1	LOW	64QAM	23.27	23.31	23.27	23.11	23.30	23.50
		MID	64QAM	23.25	23.25	23.17	23.38	23.37	23.50
		HIGH	64QAM	23.31	23.39	23.26	23.49	23.21	23.50
	36	LOW	64QAM	22.41	21.93	22.28	22.07	22.12	22.50
		MID	64QAM	22.31	22.27	22.35	21.90	22.00	22.50
		HIGH	64QAM	22.48	22.08	21.99	22.23	21.97	22.50
	75	LOW	64QAM	22.24	22.12	22.28	21.96	21.88	22.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	25.31	25.07	25.27	25.18	24.96	25.50
		MID	QPSK	25.30	25.11	25.25	25.18	24.99	25.50
		HIGH	QPSK	25.37	25.11	25.26	25.19	24.97	25.50
	50	LOW	QPSK	24.46	24.15	24.25	24.05	24.09	24.50
		MID	QPSK	24.42	24.15	24.20	24.01	24.05	24.50
		HIGH	QPSK	24.44	24.13	24.19	24.00	24.04	24.50
	100	LOW	QPSK	24.42	24.11	24.22	24.02	24.05	24.50
20	1	LOW	Q16	24.35	24.42	24.30	24.23	24.39	24.50
		MID	Q16	24.35	24.44	24.28	24.23	24.39	24.50
		HIGH	Q16	24.40	24.44	24.28	24.26	24.36	24.50
	50	LOW	Q16	23.46	23.11	23.32	23.06	23.05	23.50
		MID	Q16	23.46	23.12	23.29	23.04	23.03	23.50
		HIGH	Q16	23.45	23.10	23.27	23.04	22.97	23.50
	100	LOW	Q16	23.44	23.14	23.23	23.05	23.09	23.50
20	1	LOW	64QAM	23.27	23.48	23.44	23.15	23.34	23.50
		MID	64QAM	23.29	23.50	23.25	23.32	23.30	23.50
		HIGH	64QAM	23.44	23.25	23.31	23.40	23.43	23.50
	50	LOW	64QAM	22.31	21.96	22.17	22.00	21.97	22.50
		MID	64QAM	22.36	22.14	22.29	21.94	22.12	22.50
		HIGH	64QAM	22.42	22.05	22.12	22.14	22.01	22.50
	100	LOW	64QAM	22.14	22.15	22.34	22.09	21.94	22.50

LTE B41-DSI1&2 -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	25.44	25.21	25.24	25.23	25.04	25.50
		MID	QPSK	25.45	25.04	25.15	25.30	24.90	25.50
		HIGH	QPSK	25.41	25.09	25.40	25.34	24.86	25.50
	12	LOW	QPSK	24.43	24.03	24.15	24.10	24.06	24.50
		MID	QPSK	24.34	24.07	24.23	24.01	24.20	24.50
		HIGH	QPSK	24.24	24.07	24.04	23.89	23.92	24.50
	25	LOW	QPSK	24.39	24.06	24.25	23.95	24.06	24.50
5	1	LOW	Q16	24.50	24.45	24.27	24.10	24.31	24.50
		MID	Q16	24.45	24.29	24.46	24.23	24.46	24.50
		HIGH	Q16	24.23	24.26	24.22	24.36	24.42	24.50
	12	LOW	Q16	23.35	23.25	23.43	23.01	23.14	23.50
		MID	Q16	23.42	23.24	23.14	22.90	23.07	23.50
		HIGH	Q16	23.50	23.19	23.41	23.03	23.06	23.50
	25	LOW	Q16	23.49	23.07	23.38	23.18	23.23	23.50
5	1	LOW	64QAM	23.22	23.50	23.42	22.99	23.17	23.50
		MID	64QAM	23.49	23.43	23.48	23.11	23.27	23.50
		HIGH	64QAM	23.30	23.29	23.27	23.28	23.24	23.50
	12	LOW	64QAM	22.29	22.33	22.29	22.14	22.02	22.50
		MID	64QAM	22.43	22.22	22.04	21.83	21.99	22.50
		HIGH	64QAM	22.40	22.15	22.35	22.08	22.07	22.50
	25	LOW	64QAM	22.49	22.08	22.30	22.33	22.08	22.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	25.38	24.96	25.39	25.14	24.84	25.50
		MID	QPSK	25.45	25.04	25.29	25.07	24.84	25.50
		HIGH	QPSK	25.21	25.14	25.18	25.24	24.82	25.50
	25	LOW	QPSK	24.31	24.29	24.14	24.20	24.15	24.50
		MID	QPSK	24.49	24.28	24.23	24.14	24.18	24.50
		HIGH	QPSK	24.23	24.26	24.24	23.93	24.07	24.50
	50	LOW	QPSK	24.27	24.13	24.22	24.01	23.98	24.50
10	1	LOW	Q16	24.20	24.28	24.16	24.25	24.41	24.50
		MID	Q16	24.20	24.27	24.40	24.15	24.49	24.50
		HIGH	Q16	24.27	24.26	24.38	24.25	24.30	24.50
	25	LOW	Q16	23.27	23.25	23.24	22.99	23.19	23.50
		MID	Q16	23.34	23.13	23.38	22.90	23.04	23.50
		HIGH	Q16	23.48	23.09	23.12	22.89	22.86	23.50
	50	LOW	Q16	23.42	23.14	23.18	23.10	23.12	23.50
10	1	LOW	64QAM	23.23	23.32	23.23	23.22	23.23	23.50
		MID	64QAM	23.32	23.26	23.27	23.27	23.43	23.50
		HIGH	64QAM	23.41	23.25	23.35	23.44	23.30	23.50
	25	LOW	64QAM	22.37	21.87	22.12	22.13	22.11	22.50
		MID	64QAM	22.31	22.15	22.17	21.93	22.03	22.50
		HIGH	64QAM	22.27	22.18	22.00	22.03	22.12	22.50
	50	LOW	64QAM	22.37	22.14	22.47	22.03	21.88	22.50

LTE B41-DSI1&2 -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	25.28	25.00	25.15	25.09	24.98	25.50
		MID	QPSK	25.22	25.02	25.26	25.14	24.84	25.50
		HIGH	QPSK	25.28	25.21	25.15	25.29	25.07	25.50
	36	LOW	QPSK	24.30	24.16	24.22	24.16	24.18	24.50
		MID	QPSK	24.39	24.05	24.15	24.09	23.99	24.50
		HIGH	QPSK	24.21	24.06	24.08	23.93	24.12	24.50
	75	LOW	QPSK	24.40	23.97	24.36	23.99	23.91	24.50
15	1	LOW	Q16	24.50	24.36	24.38	24.25	24.39	24.50
		MID	Q16	24.20	24.33	24.27	24.32	24.40	24.50
		HIGH	Q16	24.34	24.47	24.14	24.30	24.44	24.50
	36	LOW	Q16	23.23	23.03	23.20	23.01	23.17	23.50
		MID	Q16	23.47	23.17	23.18	23.00	23.17	23.50
		HIGH	Q16	23.27	22.99	23.42	22.93	22.83	23.50
	75	LOW	Q16	23.29	23.15	23.19	23.12	23.09	23.50
15	1	LOW	64QAM	23.27	23.31	23.27	23.11	23.30	23.50
		MID	64QAM	23.25	23.25	23.17	23.38	23.37	23.50
		HIGH	64QAM	23.31	23.39	23.26	23.49	23.21	23.50
	36	LOW	64QAM	22.41	21.93	22.28	22.07	22.12	22.50
		MID	64QAM	22.31	22.27	22.35	21.90	22.00	22.50
		HIGH	64QAM	22.48	22.08	21.99	22.23	21.97	22.50
	75	LOW	64QAM	22.24	22.12	22.28	21.96	21.88	22.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	25.31	25.07	25.27	25.18	24.96	25.50
		MID	QPSK	25.30	25.11	25.25	25.18	24.99	25.50
		HIGH	QPSK	25.37	25.11	25.26	25.19	24.97	25.50
	50	LOW	QPSK	24.46	24.15	24.25	24.05	24.09	24.50
		MID	QPSK	24.42	24.15	24.20	24.01	24.05	24.50
		HIGH	QPSK	24.44	24.13	24.19	24.00	24.04	24.50
	100	LOW	QPSK	24.42	24.11	24.22	24.02	24.05	24.50
20	1	LOW	Q16	24.35	24.42	24.30	24.23	24.39	24.50
		MID	Q16	24.35	24.44	24.28	24.23	24.39	24.50
		HIGH	Q16	24.40	24.44	24.28	24.26	24.36	24.50
	50	LOW	Q16	23.46	23.11	23.32	23.06	23.05	23.50
		MID	Q16	23.46	23.12	23.29	23.04	23.03	23.50
		HIGH	Q16	23.45	23.10	23.27	23.04	22.97	23.50
	100	LOW	Q16	23.44	23.14	23.23	23.05	23.09	23.50
20	1	LOW	64QAM	23.27	23.48	23.44	23.15	23.34	23.50
		MID	64QAM	23.29	23.50	23.25	23.32	23.30	23.50
		HIGH	64QAM	23.44	23.25	23.31	23.40	23.43	23.50
	50	LOW	64QAM	22.31	21.96	22.17	22.00	21.97	22.50
		MID	64QAM	22.36	22.14	22.29	21.94	22.12	22.50
		HIGH	64QAM	22.42	22.05	22.12	22.14	22.01	22.50
	100	LOW	64QAM	22.14	22.15	22.34	22.09	21.94	22.50

LTE B41-DSI3&4 -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	17.93	17.73	17.76	17.81	17.63	19.00
		MID	QPSK	17.79	17.83	17.81	17.77	17.74	19.00
		HIGH	QPSK	17.99	17.79	17.92	17.77	17.84	19.00
	12	LOW	QPSK	17.87	17.94	17.87	17.72	17.87	19.00
		MID	QPSK	17.82	17.81	17.64	17.63	17.81	19.00
		HIGH	QPSK	17.85	17.73	17.77	17.68	17.72	19.00
	25	LOW	QPSK	17.87	17.72	17.74	17.73	17.61	19.00
5	1	LOW	Q16	18.09	18.16	18.07	17.85	18.09	19.00
		MID	Q16	18.00	18.19	18.16	17.93	18.02	19.00
		HIGH	Q16	18.02	18.26	18.33	17.99	18.13	19.00
	12	LOW	Q16	17.93	17.82	17.77	17.96	17.86	19.00
		MID	Q16	17.89	17.79	17.77	17.83	17.57	19.00
		HIGH	Q16	17.83	17.95	17.90	17.75	17.64	19.00
	25	LOW	Q16	17.80	17.83	17.76	17.85	17.79	19.00
5	1	LOW	64QAM	17.96	18.18	18.02	17.98	17.98	19.00
		MID	64QAM	18.12	18.20	18.16	17.94	17.92	19.00
		HIGH	64QAM	18.06	18.30	18.39	17.86	18.00	19.00
	12	LOW	64QAM	17.89	17.82	17.78	18.04	17.97	19.00
		MID	64QAM	17.86	17.73	17.66	17.97	17.66	19.00
		HIGH	64QAM	17.92	18.04	17.99	17.90	17.57	19.00
	25	LOW	64QAM	17.85	17.89	17.73	18.00	17.86	19.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	17.94	17.90	17.92	17.90	17.71	19.00
		MID	QPSK	17.90	17.89	17.83	17.89	17.68	19.00
		HIGH	QPSK	17.79	17.88	17.70	17.75	17.83	19.00
	25	LOW	QPSK	17.82	17.74	17.68	17.86	17.73	19.00
		MID	QPSK	17.67	18.08	17.91	17.68	17.76	19.00
		HIGH	QPSK	17.83	17.87	17.74	17.70	17.61	19.00
	50	LOW	QPSK	17.85	17.94	17.71	17.63	17.77	19.00
10	1	LOW	Q16	18.00	18.21	18.08	17.97	17.96	19.00
		MID	Q16	18.17	18.08	18.24	18.08	17.89	19.00
		HIGH	Q16	18.17	18.18	18.30	17.95	17.94	19.00
	25	LOW	Q16	17.85	17.85	17.98	17.68	17.62	19.00
		MID	Q16	17.82	17.84	18.02	17.92	17.59	19.00
		HIGH	Q16	17.75	17.90	18.00	17.80	17.73	19.00
	50	LOW	Q16	17.96	17.85	17.72	17.91	17.61	19.00
10	1	LOW	64QAM	18.09	17.97	18.24	17.84	17.97	19.00
		MID	64QAM	17.96	18.17	18.04	17.95	18.09	19.00
		HIGH	64QAM	17.92	18.24	18.32	18.08	17.84	19.00
	25	LOW	64QAM	17.98	17.66	17.90	17.82	17.48	19.00
		MID	64QAM	17.69	17.73	17.90	17.86	17.90	19.00
		HIGH	64QAM	17.75	17.78	17.99	17.74	17.90	19.00
	50	LOW	64QAM	17.89	18.01	17.86	17.95	17.94	19.00

LTE B41-DSI3&4 -ANT1									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	17.89	17.87	17.91	17.91	17.59	19.00
		MID	QPSK	17.96	18.07	17.74	17.69	17.73	19.00
		HIGH	QPSK	17.89	18.01	17.86	17.75	17.70	19.00
	36	LOW	QPSK	17.97	17.82	17.96	17.78	17.83	19.00
		MID	QPSK	17.67	17.96	17.73	17.76	17.82	19.00
		HIGH	QPSK	17.84	17.86	17.67	17.63	17.76	19.00
	75	LOW	QPSK	17.92	17.85	17.75	17.70	17.71	19.00
15	1	LOW	Q16	17.89	18.24	18.28	17.86	18.02	19.00
		MID	Q16	18.00	18.32	18.09	18.11	17.91	19.00
		HIGH	Q16	17.97	18.24	18.33	17.84	17.98	19.00
	36	LOW	Q16	17.96	17.97	17.94	17.79	17.63	19.00
		MID	Q16	17.69	17.88	17.77	17.80	17.70	19.00
		HIGH	Q16	17.91	17.76	17.92	17.67	17.79	19.00
	75	LOW	Q16	17.77	17.81	17.87	17.84	17.85	19.00
15	1	LOW	64QAM	18.14	18.18	18.40	18.02	17.88	19.00
		MID	64QAM	18.01	18.18	18.02	18.24	18.12	19.00
		HIGH	64QAM	18.12	18.02	18.37	18.13	17.85	19.00
	36	LOW	64QAM	17.91	17.79	17.91	18.03	17.46	19.00
		MID	64QAM	17.75	17.68	18.09	17.82	17.81	19.00
		HIGH	64QAM	17.63	17.88	17.94	17.75	17.83	19.00
	75	LOW	64QAM	17.88	17.90	17.86	17.86	17.68	19.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	17.86	17.85	17.87	17.81	17.74	19.00
		MID	QPSK	17.86	17.94	17.86	17.78	17.73	19.00
		HIGH	QPSK	17.96	17.90	17.85	17.79	17.74	19.00
	50	LOW	QPSK	17.82	17.81	17.81	17.77	17.74	19.00
		MID	QPSK	17.82	17.96	17.79	17.74	17.72	19.00
		HIGH	QPSK	17.99	17.88	17.78	17.73	17.71	19.00
	100	LOW	QPSK	17.89	17.86	17.80	17.76	17.72	19.00
20	1	LOW	Q16	18.04	18.19	18.22	17.97	18.03	19.00
		MID	Q16	18.05	18.18	18.22	17.98	18.03	19.00
		HIGH	Q16	18.09	18.19	18.20	17.97	18.02	19.00
	50	LOW	Q16	17.84	17.85	17.92	17.81	17.72	19.00
		MID	Q16	17.84	17.84	17.92	17.80	17.71	19.00
		HIGH	Q16	17.84	17.84	17.88	17.76	17.69	19.00
	100	LOW	Q16	17.86	17.91	17.85	17.78	17.76	19.00
20	1	LOW	64QAM	18.04	18.12	18.32	17.92	17.95	19.00
		MID	64QAM	18.08	18.03	18.12	18.10	18.05	19.00
		HIGH	64QAM	18.00	18.09	18.26	18.09	17.91	19.00
	50	LOW	64QAM	17.92	17.78	17.97	17.96	17.58	19.00
		MID	64QAM	17.80	17.70	18.05	17.75	17.86	19.00
		HIGH	64QAM	17.70	17.91	17.98	17.86	17.81	19.00
	100	LOW	64QAM	17.87	17.87	17.80	17.87	17.80	19.00

8.4.1 LTE Inter CA Band7 Output Power

LTE Uplink 2CA_ Band 7-ANT1 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.58	25.5
21100	21298	20	QPSK	1	High	1	Low	2	23.63	25.5
21350	21152	20	QPSK	1	Low	1	High	2	23.82	25.5

LTE Uplink 2CA_ Band 7-ANT1-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.58	25.5
21100	21298	20	QPSK	1	High	1	Low	2	23.63	25.5
21350	21152	20	QPSK	1	Low	5	High	2	23.82	25.5

LTE Uplink 2CA_ Band 7-ANT1-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.58	25.5
21100	21298	20	QPSK	1	High	1	Low	2	23.63	25.5
21350	21152	20	QPSK	1	Low	1	High	2	23.82	25.5

LTE Uplink 2CA_ Band 7-ANT1-DSI3&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.62	20.5
21100	21298	20	QPSK	1	High	1	Low	2	18.58	20.5
21350	21152	20	QPSK	1	Low	1	High	2	18.67	20.5

8.4.2 LTE Inter CA Band38 Output Power

LTE Uplink 2CA_ Band 38-ANT1-Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.63	25.5
38099	37901	20	QPSK	1	Low	1	High	2	23.56	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.55	25.5

LTE Uplink 2CA_ Band 38-ANT1-DSI1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.63	25.5
38099	37901	20	QPSK	1	Low	1	High	2	23.56	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.55	25.5

LTE Uplink 2CA_ Band 38-ANT1-DSI2										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.63	25.5
38099	37901	20	QPSK	1	Low	1	High	2	23.56	25.5
38150	37952	20	QPSK	1	Low	1	High	2	23.55	25.5

LTE Uplink 2CA_ Band 38-ANT1-DSI3&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	17.63	19.5
38099	37901	20	QPSK	1	Low	1	High	2	17.58	19.5
38150	37952	20	QPSK	1	Low	1	High	2	17.52	19.5

8.5.1 LTE Intra CA Band2 Output Power

LTE B2-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.50	23.44	23.36	25.00
		MID	QPSK	23.56	23.75	23.60	25.00
		HIGH	QPSK	23.68	23.60	23.69	25.00
	3	LOW	QPSK	22.70	22.64	23.15	24.00
		MID	QPSK	22.38	22.81	22.51	24.00
		HIGH	QPSK	22.50	23.12	22.76	24.00
	6	LOW	QPSK	22.76	22.73	22.63	24.00
1.4	1	LOW	Q16	22.67	22.76	22.57	24.00
		MID	Q16	22.59	22.67	22.47	24.00
		HIGH	Q16	22.67	22.65	22.13	24.00
	3	LOW	Q16	21.78	21.84	21.56	23.00
		MID	Q16	21.33	21.78	21.48	23.00
		HIGH	Q16	21.70	21.71	21.88	23.00
	6	LOW	Q16	21.82	21.30	21.57	23.00
1.4	1	LOW	64QAM	21.64	21.67	21.65	23.00
		MID	64QAM	21.70	21.57	21.33	23.00
		HIGH	64QAM	21.64	21.59	21.09	23.00
	3	LOW	64QAM	20.83	20.71	20.69	22.00
		MID	64QAM	20.37	20.93	20.54	22.00
		HIGH	64QAM	20.73	20.84	20.88	22.00
	6	LOW	64QAM	20.84	20.39	20.64	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.41	23.61	23.23	25.00
		MID	QPSK	23.65	23.52	23.42	25.00
		HIGH	QPSK	23.74	23.67	23.43	25.00
	8	LOW	QPSK	22.72	22.73	23.07	24.00
		MID	QPSK	22.59	22.68	22.75	24.00
		HIGH	QPSK	22.76	22.73	22.62	24.00
	15	LOW	QPSK	22.62	22.49	22.48	24.00
3	1	LOW	Q16	22.78	22.69	22.65	24.00
		MID	Q16	22.71	22.82	22.26	24.00
		HIGH	Q16	22.58	22.65	22.26	24.00
	8	LOW	Q16	21.78	21.83	21.58	23.00
		MID	Q16	21.44	21.75	21.42	23.00
		HIGH	Q16	21.53	21.56	21.85	23.00
	15	LOW	Q16	21.75	21.50	21.54	23.00
3	1	LOW	64QAM	21.74	21.49	21.73	23.00
		MID	64QAM	21.84	21.78	21.32	23.00
		HIGH	64QAM	21.49	21.67	21.20	23.00
	8	LOW	64QAM	20.79	20.73	20.59	22.00
		MID	64QAM	20.58	20.52	20.69	22.00
		HIGH	64QAM	20.57	20.63	20.79	22.00
	15	LOW	64QAM	20.72	20.41	20.57	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.76	23.30	25.00
		MID	QPSK	23.63	23.71	23.65	25.00
		HIGH	QPSK	23.61	23.64	23.42	25.00
	12	LOW	QPSK	22.59	22.53	22.91	24.00
		MID	QPSK	22.44	22.57	22.81	24.00
		HIGH	QPSK	22.54	22.85	22.53	24.00
	25	LOW	QPSK	22.57	22.45	22.39	24.00
5	1	LOW	Q16	22.63	22.67	22.47	24.00
		MID	Q16	22.78	22.60	22.33	24.00
		HIGH	Q16	22.74	22.47	22.42	24.00
	12	LOW	Q16	21.81	21.84	21.54	23.00
		MID	Q16	21.59	21.63	21.58	23.00
		HIGH	Q16	21.55	21.64	21.78	23.00
	25	LOW	Q16	21.67	21.57	21.54	23.00
5	1	LOW	64QAM	21.83	21.65	21.71	23.00
		MID	64QAM	21.70	21.73	21.25	23.00
		HIGH	64QAM	21.34	21.60	21.20	23.00
	12	LOW	64QAM	20.73	20.63	20.44	22.00
		MID	64QAM	20.59	20.36	20.54	22.00
		HIGH	64QAM	20.54	20.47	20.75	22.00
	25	LOW	64QAM	20.77	20.31	20.71	22.00

LTE B2-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.55	23.44	25.00
		MID	QPSK	23.67	23.58	23.50	25.00
		HIGH	QPSK	23.45	23.64	23.57	25.00
	25	LOW	QPSK	22.65	22.63	22.92	24.00
		MID	QPSK	22.52	22.82	22.73	24.00
		HIGH	QPSK	22.70	22.80	22.55	24.00
	50	LOW	QPSK	22.57	22.51	22.40	24.00
10	1	LOW	Q16	22.73	22.51	22.39	24.00
		MID	Q16	22.66	22.63	22.37	24.00
		HIGH	Q16	22.63	22.54	22.24	24.00
	25	LOW	Q16	21.89	21.68	21.65	23.00
		MID	Q16	21.48	21.52	21.61	23.00
		HIGH	Q16	21.59	21.51	21.85	23.00
	50	LOW	Q16	21.65	21.35	21.44	23.00
10	1	LOW	64QAM	21.60	21.65	21.68	23.00
		MID	64QAM	21.78	21.88	21.32	23.00
		HIGH	64QAM	21.55	21.42	21.22	23.00
	25	LOW	64QAM	20.84	20.76	20.55	22.00
		MID	64QAM	20.35	20.36	20.45	22.00
		HIGH	64QAM	20.38	20.56	20.81	22.00
	50	LOW	64QAM	20.60	20.26	20.50	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.48	23.51	23.37	25.00
		MID	QPSK	23.71	23.71	23.45	25.00
		HIGH	QPSK	23.67	23.62	23.54	25.00
	36	LOW	QPSK	22.60	22.63	23.09	24.00
		MID	QPSK	22.44	22.76	22.64	24.00
		HIGH	QPSK	22.57	23.01	22.75	24.00
	75	LOW	QPSK	22.63	22.62	22.63	24.00
15	1	LOW	Q16	22.52	22.68	22.44	24.00
		MID	Q16	22.64	22.72	22.36	24.00
		HIGH	Q16	22.72	22.61	22.16	24.00
	36	LOW	Q16	21.74	21.72	21.64	23.00
		MID	Q16	21.42	21.70	21.50	23.00
		HIGH	Q16	21.58	21.63	21.82	23.00
	75	LOW	Q16	21.74	21.41	21.64	23.00
15	1	LOW	64QAM	21.70	21.47	21.55	23.00
		MID	64QAM	21.66	21.84	21.29	23.00
		HIGH	64QAM	21.61	21.54	21.36	23.00
	36	LOW	64QAM	20.63	20.73	20.66	22.00
		MID	64QAM	20.46	20.65	20.51	22.00
		HIGH	64QAM	20.36	20.50	20.93	22.00
	75	LOW	64QAM	20.73	20.43	20.47	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.45	23.64	23.38	25.00
		MID	QPSK	23.69	23.64	23.56	25.00
		HIGH	QPSK	23.59	23.63	23.49	25.00
	50	LOW	QPSK	22.61	22.66	22.97	24.00
		MID	QPSK	22.47	22.72	22.74	24.00
		HIGH	QPSK	22.61	22.86	22.60	24.00
	100	LOW	QPSK	22.62	22.58	22.54	24.00
20	1	LOW	Q16	22.64	22.58	22.50	24.00
		MID	Q16	22.68	22.68	22.37	24.00
		HIGH	Q16	22.61	22.57	22.27	24.00
	50	LOW	Q16	21.80	21.75	21.66	23.00
		MID	Q16	21.55	21.63	21.54	23.00
		HIGH	Q16	21.61	21.64	21.78	23.00
	100	LOW	Q16	21.79	21.44	21.55	23.00
20	1	LOW	64QAM	21.72	21.60	21.64	23.00
		MID	64QAM	21.69	21.78	21.32	23.00
		HIGH	64QAM	21.47	21.53	21.31	23.00
	50	LOW	64QAM	20.69	20.71	20.59	22.00
		MID	64QAM	20.49	20.50	20.56	22.00
		HIGH	64QAM	20.47	20.62	20.87	22.00
	100	LOW	64QAM	20.73	20.41	20.56	22.00

LTE B2-DSI1&2&3 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.46	19.83	19.57	21.00
		MID	QPSK	19.47	19.59	19.69	21.00
		HIGH	QPSK	19.60	19.28	19.68	21.00
	3	LOW	QPSK	19.48	19.56	19.72	21.00
		MID	QPSK	19.61	19.34	19.47	21.00
		HIGH	QPSK	19.52	19.62	19.58	21.00
	6	LOW	QPSK	19.71	19.74	19.87	21.00
1.4	1	LOW	Q16	19.39	19.41	19.47	21.00
		MID	Q16	19.65	19.56	19.81	21.00
		HIGH	Q16	19.25	19.43	19.50	21.00
	3	LOW	Q16	19.47	19.31	19.31	21.00
		MID	Q16	19.39	19.49	19.28	21.00
		HIGH	Q16	19.45	19.56	19.33	21.00
	6	LOW	Q16	19.14	19.55	19.43	21.00
1.4	1	LOW	64QAM	19.35	19.50	19.41	21.00
		MID	64QAM	19.79	19.69	19.78	21.00
		HIGH	64QAM	19.12	19.57	19.49	21.00
	3	LOW	64QAM	19.60	19.36	19.46	21.00
		MID	64QAM	19.42	19.35	19.37	21.00
		HIGH	64QAM	19.42	19.64	19.19	21.00
	6	LOW	64QAM	19.17	19.68	19.55	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.48	19.76	19.72	21.00
		MID	QPSK	19.24	19.54	19.73	21.00
		HIGH	QPSK	19.53	19.34	19.56	21.00
	8	LOW	QPSK	19.32	19.33	19.86	21.00
		MID	QPSK	19.60	19.66	19.50	21.00
		HIGH	QPSK	19.20	19.92	19.75	21.00
	15	LOW	QPSK	19.64	19.81	19.98	21.00
3	1	LOW	Q16	19.42	19.18	19.35	21.00
		MID	Q16	19.86	19.84	19.57	21.00
		HIGH	Q16	19.48	19.34	19.37	21.00
	8	LOW	Q16	19.75	19.48	19.21	21.00
		MID	Q16	19.56	19.62	19.06	21.00
		HIGH	Q16	19.33	19.67	19.30	21.00
	15	LOW	Q16	19.39	19.62	19.36	21.00
3	1	LOW	64QAM	19.55	19.38	19.25	21.00
		MID	64QAM	19.70	19.54	19.46	21.00
		HIGH	64QAM	19.44	19.61	19.27	21.00
	8	LOW	64QAM	19.64	19.60	19.25	21.00
		MID	64QAM	19.45	19.69	19.24	21.00
		HIGH	64QAM	19.12	19.80	19.42	21.00
	15	LOW	64QAM	19.14	19.55	19.48	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.44	19.75	19.72	21.00
		MID	QPSK	19.27	19.45	19.59	21.00
		HIGH	QPSK	19.64	19.41	19.63	21.00
	12	LOW	QPSK	19.46	19.49	19.59	21.00
		MID	QPSK	19.59	19.43	19.49	21.00
		HIGH	QPSK	19.37	19.89	19.80	21.00
	25	LOW	QPSK	19.56	19.96	19.85	21.00
5	1	LOW	Q16	19.44	19.32	19.62	21.00
		MID	Q16	19.86	19.74	19.71	21.00
		HIGH	Q16	19.38	19.48	19.31	21.00
	12	LOW	Q16	19.64	19.55	19.37	21.00
		MID	Q16	19.48	19.56	19.17	21.00
		HIGH	Q16	19.27	19.59	19.29	21.00
	25	LOW	Q16	19.25	19.50	19.41	21.00
5	1	LOW	64QAM	19.32	19.39	19.41	21.00
		MID	64QAM	19.70	19.44	19.54	21.00
		HIGH	64QAM	19.29	19.39	19.21	21.00
	12	LOW	64QAM	19.61	19.42	19.30	21.00
		MID	64QAM	19.38	19.74	19.07	21.00
		HIGH	64QAM	19.07	19.79	19.46	21.00
	25	LOW	64QAM	19.20	19.69	19.41	21.00

LTE B2-DSI2&3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.47	19.66	19.84	21.00
		MID	QPSK	19.26	19.53	19.75	21.00
		HIGH	QPSK	19.53	19.41	19.41	21.00
	25	LOW	QPSK	19.39	19.59	19.75	21.00
		MID	QPSK	19.59	19.70	19.28	21.00
		HIGH	QPSK	19.27	19.76	19.85	21.00
	50	LOW	QPSK	19.72	19.93	19.91	21.00
10	1	LOW	Q16	19.45	19.45	19.53	21.00
		MID	Q16	19.74	19.82	19.56	21.00
		HIGH	Q16	19.25	19.53	19.45	21.00
	25	LOW	Q16	19.62	19.53	19.29	21.00
		MID	Q16	19.46	19.69	19.25	21.00
		HIGH	Q16	19.30	19.68	19.29	21.00
	50	LOW	Q16	19.11	19.62	19.29	21.00
10	1	LOW	64QAM	19.37	19.35	19.25	21.00
		MID	64QAM	19.77	19.53	19.62	21.00
		HIGH	64QAM	19.36	19.61	19.22	21.00
	25	LOW	64QAM	19.68	19.62	19.23	21.00
		MID	64QAM	19.54	19.67	19.07	21.00
		HIGH	64QAM	19.01	19.90	19.20	21.00
	50	LOW	64QAM	19.40	19.60	19.70	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.69	19.83	19.59	21.00
		MID	QPSK	19.43	19.72	19.56	21.00
		HIGH	QPSK	19.66	19.39	19.35	21.00
	36	LOW	QPSK	19.57	19.48	19.68	21.00
		MID	QPSK	19.51	19.55	19.35	21.00
		HIGH	QPSK	19.41	19.81	19.63	21.00
	75	LOW	QPSK	19.53	19.88	19.93	21.00
15	1	LOW	Q16	19.30	19.28	19.52	21.00
		MID	Q16	19.69	19.58	19.72	21.00
		HIGH	Q16	19.47	19.53	19.36	21.00
	36	LOW	Q16	19.56	19.39	19.27	21.00
		MID	Q16	19.55	19.61	19.13	21.00
		HIGH	Q16	19.37	19.67	19.32	21.00
	75	LOW	Q16	19.22	19.50	19.52	21.00
15	1	LOW	64QAM	19.54	19.50	19.22	21.00
		MID	64QAM	19.82	19.60	19.59	21.00
		HIGH	64QAM	19.23	19.60	19.17	21.00
	36	LOW	64QAM	19.81	19.53	19.26	21.00
		MID	64QAM	19.40	19.91	19.07	21.00
		HIGH	64QAM	19.16	19.89	19.43	21.00
	75	LOW	64QAM	19.40	19.70	19.58	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.55	19.70	19.70	21.00
		MID	QPSK	19.31	19.58	19.61	21.00
		HIGH	QPSK	19.58	19.47	19.48	21.00
	50	LOW	QPSK	19.42	19.44	19.71	21.00
		MID	QPSK	19.52	19.57	19.37	21.00
		HIGH	QPSK	19.32	19.77	19.77	21.00
	100	LOW	QPSK	19.63	19.91	19.87	21.00
20	1	LOW	Q16	19.32	19.31	19.47	21.00
		MID	Q16	19.73	19.73	19.62	21.00
		HIGH	Q16	19.40	19.48	19.40	21.00
	50	LOW	Q16	19.64	19.46	19.31	21.00
		MID	Q16	19.60	19.67	19.10	21.00
		HIGH	Q16	19.28	19.63	19.22	21.00
	100	LOW	Q16	19.24	19.63	19.43	21.00
20	1	LOW	64QAM	19.44	19.38	19.34	21.00
		MID	64QAM	19.72	19.59	19.50	21.00
		HIGH	64QAM	19.29	19.48	19.26	21.00
	50	LOW	64QAM	19.71	19.55	19.17	21.00
		MID	64QAM	19.50	19.78	19.03	21.00
		HIGH	64QAM	19.13	19.75	19.35	21.00
	100	LOW	64QAM	19.25	19.68	19.55	21.00

LTE B2-DSI4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.46	18.76	18.66	20.00
		MID	QPSK	18.17	18.51	18.50	20.00
		HIGH	QPSK	18.70	18.48	18.43	20.00
	3	LOW	QPSK	18.49	18.42	18.67	20.00
		MID	QPSK	18.49	18.57	18.26	20.00
		HIGH	QPSK	18.18	18.90	18.69	20.00
	6	LOW	QPSK	18.57	18.96	18.93	20.00
1.4	1	LOW	Q16	18.43	18.38	18.49	20.00
		MID	Q16	18.64	18.71	18.67	20.00
		HIGH	Q16	18.51	18.44	18.39	20.00
	3	LOW	Q16	18.72	18.43	18.23	20.00
		MID	Q16	18.48	18.74	18.08	20.00
		HIGH	Q16	18.21	18.64	18.21	20.00
	6	LOW	Q16	18.32	18.63	18.58	20.00
1.4	1	LOW	64QAM	18.30	18.53	18.36	20.00
		MID	64QAM	18.83	18.69	18.46	20.00
		HIGH	64QAM	18.24	18.45	18.25	20.00
	3	LOW	64QAM	18.77	18.55	18.24	20.00
		MID	64QAM	18.41	18.89	18.05	20.00
		HIGH	64QAM	18.06	18.73	18.25	20.00
	6	LOW	64QAM	18.17	18.79	18.41	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.65	18.76	18.77	20.00
		MID	QPSK	18.17	18.65	18.60	20.00
		HIGH	QPSK	18.46	18.42	18.63	20.00
	8	LOW	QPSK	18.53	18.47	18.86	20.00
		MID	QPSK	18.56	18.46	18.39	20.00
		HIGH	QPSK	18.34	18.71	18.78	20.00
	15	LOW	QPSK	18.63	18.83	18.91	20.00
3	1	LOW	Q16	18.22	18.17	18.49	20.00
		MID	Q16	18.82	18.64	18.74	20.00
		HIGH	Q16	18.42	18.42	18.39	20.00
	8	LOW	Q16	18.54	18.44	18.19	20.00
		MID	Q16	18.58	18.82	18.03	20.00
		HIGH	Q16	18.25	18.51	18.18	20.00
	15	LOW	Q16	18.29	18.61	18.36	20.00
3	1	LOW	64QAM	18.55	18.30	18.24	20.00
		MID	64QAM	18.82	18.72	18.51	20.00
		HIGH	64QAM	18.27	18.36	18.30	20.00
	8	LOW	64QAM	18.64	18.54	18.23	20.00
		MID	64QAM	18.43	18.76	18.13	20.00
		HIGH	64QAM	18.05	18.89	18.46	20.00
	15	LOW	64QAM	18.33	18.58	18.68	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.67	18.57	18.66	20.00
		MID	QPSK	18.25	18.45	18.53	20.00
		HIGH	QPSK	18.44	18.54	18.40	20.00
	12	LOW	QPSK	18.27	18.52	18.61	20.00
		MID	QPSK	18.52	18.66	18.28	20.00
		HIGH	QPSK	18.43	18.77	18.75	20.00
	25	LOW	QPSK	18.76	18.81	18.98	20.00
5	1	LOW	Q16	18.39	18.46	18.61	20.00
		MID	Q16	18.86	18.63	18.74	20.00
		HIGH	Q16	18.37	18.43	18.53	20.00
	12	LOW	Q16	18.54	18.48	18.34	20.00
		MID	Q16	18.72	18.52	18.18	20.00
		HIGH	Q16	18.15	18.70	18.21	20.00
	25	LOW	Q16	18.20	18.71	18.31	20.00
5	1	LOW	64QAM	18.56	18.26	18.35	20.00
		MID	64QAM	18.66	18.61	18.40	20.00
		HIGH	64QAM	18.34	18.63	18.38	20.00
	12	LOW	64QAM	18.63	18.56	18.31	20.00
		MID	64QAM	18.40	18.75	18.05	20.00
		HIGH	64QAM	18.02	18.86	18.44	20.00
	25	LOW	64QAM	18.28	18.66	18.54	20.00

LTE B2-DSI2&3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.51	18.70	18.83	20.00
		MID	QPSK	18.32	18.61	18.67	20.00
		HIGH	QPSK	18.52	18.59	18.58	20.00
	25	LOW	QPSK	18.34	18.52	18.77	20.00
		MID	QPSK	18.44	18.70	18.41	20.00
		HIGH	QPSK	18.35	18.76	18.76	20.00
	50	LOW	QPSK	18.72	19.03	18.93	20.00
10	1	LOW	Q16	18.17	18.24	18.46	20.00
		MID	Q16	18.65	18.86	18.59	20.00
		HIGH	Q16	18.51	18.47	18.49	20.00
	25	LOW	Q16	18.77	18.50	18.37	20.00
		MID	Q16	18.73	18.64	18.39	20.00
		HIGH	Q16	18.41	18.62	18.34	20.00
	50	LOW	Q16	18.21	18.59	18.30	20.00
10	1	LOW	64QAM	18.35	18.30	18.21	20.00
		MID	64QAM	18.87	18.65	18.35	20.00
		HIGH	64QAM	18.38	18.40	18.25	20.00
	25	LOW	64QAM	18.69	18.70	18.15	20.00
		MID	64QAM	18.61	18.80	18.29	20.00
		HIGH	64QAM	18.02	18.71	18.40	20.00
	50	LOW	64QAM	18.37	18.79	18.56	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.52	18.79	18.80	20.00
		MID	QPSK	18.29	18.55	18.62	20.00
		HIGH	QPSK	18.73	18.61	18.52	20.00
	36	LOW	QPSK	18.31	18.59	18.56	20.00
		MID	QPSK	18.65	18.47	18.42	20.00
		HIGH	QPSK	18.17	18.67	18.68	20.00
	75	LOW	QPSK	18.74	18.97	18.85	20.00
15	1	LOW	Q16	18.40	18.32	18.39	20.00
		MID	Q16	18.71	18.60	18.62	20.00
		HIGH	Q16	18.31	18.40	18.45	20.00
	36	LOW	Q16	18.68	18.59	18.30	20.00
		MID	Q16	18.74	18.69	18.05	20.00
		HIGH	Q16	18.31	18.63	18.13	20.00
	75	LOW	Q16	18.35	18.48	18.58	20.00
15	1	LOW	64QAM	18.44	18.36	18.38	20.00
		MID	64QAM	18.59	18.72	18.36	20.00
		HIGH	64QAM	18.22	18.48	18.28	20.00
	36	LOW	64QAM	18.77	18.57	18.17	20.00
		MID	64QAM	18.63	18.79	18.39	20.00
		HIGH	64QAM	18.10	18.73	18.36	20.00
	75	LOW	64QAM	18.28	18.53	18.49	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.44	18.85	18.55	20.00
		MID	QPSK	18.37	18.46	18.54	20.00
		HIGH	QPSK	18.64	18.32	18.43	20.00
	50	LOW	QPSK	18.49	18.53	18.64	20.00
		MID	QPSK	18.65	18.51	18.30	20.00
		HIGH	QPSK	18.42	18.72	18.63	20.00
	100	LOW	QPSK	18.49	18.79	18.99	20.00
20	1	LOW	Q16	18.41	18.24	18.51	20.00
		MID	Q16	18.76	18.59	18.58	20.00
		HIGH	Q16	18.39	18.40	18.44	20.00
	50	LOW	Q16	18.52	18.47	18.20	20.00
		MID	Q16	18.66	18.70	18.06	20.00
		HIGH	Q16	18.20	18.68	18.24	20.00
	100	LOW	Q16	18.28	18.64	18.54	20.00
20	1	LOW	64QAM	18.57	18.52	18.48	20.00
		MID	64QAM	18.66	18.68	18.41	20.00
		HIGH	64QAM	18.29	18.39	18.22	20.00
	50	LOW	64QAM	18.56	18.50	18.28	20.00
		MID	64QAM	18.38	18.66	18.25	20.00
		HIGH	64QAM	18.17	18.76	18.26	20.00
	100	LOW	64QAM	18.40	18.54	18.62	20.00

8.5.2 LTE Intra CA Band4 Output Power

LTE B4-Full Power -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.31	24.22	24.29	25.50
		MID	QPSK	24.30	24.11	24.11	25.50
		HIGH	QPSK	24.17	24.18	24.33	25.50
	3	LOW	QPSK	23.15	23.34	23.12	24.50
		MID	QPSK	23.16	23.25	23.28	24.50
		HIGH	QPSK	23.18	23.32	23.13	24.50
	6	LOW	QPSK	23.28	23.29	23.28	24.50
1.4	1	LOW	Q16	23.09	23.18	23.22	24.50
		MID	Q16	23.23	23.11	23.05	24.50
		HIGH	Q16	23.15	23.14	23.21	24.50
	3	LOW	Q16	22.27	22.26	22.15	23.50
		MID	Q16	22.32	22.21	22.35	23.50
		HIGH	Q16	22.10	22.13	22.21	23.50
	6	LOW	Q16	22.21	22.20	22.13	23.50
1.4	1	LOW	64QAM	22.02	22.12	22.08	23.50
		MID	64QAM	22.23	22.08	22.18	23.50
		HIGH	64QAM	22.23	22.13	22.27	23.50
	3	LOW	64QAM	21.19	21.36	21.08	22.50
		MID	64QAM	21.31	21.32	21.50	22.50
		HIGH	64QAM	21.18	21.17	21.23	22.50
	6	LOW	64QAM	21.20	21.11	21.24	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.33	24.25	24.18	25.50
		MID	QPSK	24.40	24.24	23.99	25.50
		HIGH	QPSK	24.04	24.14	24.19	25.50
	8	LOW	QPSK	23.11	23.06	23.26	24.50
		MID	QPSK	23.09	23.42	23.08	24.50
		HIGH	QPSK	23.22	23.04	22.94	24.50
	15	LOW	QPSK	23.35	23.18	23.13	24.50
3	1	LOW	Q16	23.29	23.13	23.13	24.50
		MID	Q16	22.97	23.17	23.12	24.50
		HIGH	Q16	23.05	23.25	23.16	24.50
	8	LOW	Q16	22.15	22.22	22.41	23.50
		MID	Q16	21.93	22.11	22.29	23.50
		HIGH	Q16	22.15	22.13	22.41	23.50
	15	LOW	Q16	22.38	22.33	22.33	23.50
3	1	LOW	64QAM	22.03	22.34	22.17	23.50
		MID	64QAM	22.19	22.12	22.32	23.50
		HIGH	64QAM	22.05	22.13	22.42	23.50
	8	LOW	64QAM	21.07	21.50	21.24	22.50
		MID	64QAM	21.26	21.18	21.48	22.50
		HIGH	64QAM	20.92	21.12	21.29	22.50
	15	LOW	64QAM	21.09	21.27	21.05	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.27	24.26	24.08	25.50
		MID	QPSK	24.28	24.23	24.11	25.50
		HIGH	QPSK	24.20	23.99	23.98	25.50
	12	LOW	QPSK	23.30	23.07	23.33	24.50
		MID	QPSK	23.36	23.23	22.93	24.50
		HIGH	QPSK	23.17	23.31	22.97	24.50
	25	LOW	QPSK	23.39	23.40	23.28	24.50
5	1	LOW	Q16	23.28	23.22	23.12	24.50
		MID	Q16	23.15	23.33	23.18	24.50
		HIGH	Q16	23.22	23.17	23.22	24.50
	12	LOW	Q16	22.23	22.15	22.34	23.50
		MID	Q16	22.20	22.15	22.40	23.50
		HIGH	Q16	22.18	22.25	22.27	23.50
	25	LOW	Q16	22.33	22.22	22.15	23.50
5	1	LOW	64QAM	21.97	22.07	22.24	23.50
		MID	64QAM	22.29	22.35	22.12	23.50
		HIGH	64QAM	21.95	22.15	22.31	23.50
	12	LOW	64QAM	21.19	21.32	21.28	22.50
		MID	64QAM	21.30	21.01	21.22	22.50
		HIGH	64QAM	21.03	20.96	21.50	22.50
	25	LOW	64QAM	21.23	21.44	21.16	22.50

LTE B4-Full Power -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.37	24.31	24.23	25.50
		MID	QPSK	24.18	24.15	24.15	25.50
		HIGH	QPSK	24.22	23.99	24.25	25.50
	25	LOW	QPSK	23.08	23.35	23.13	24.50
		MID	QPSK	23.33	23.29	23.07	24.50
		HIGH	QPSK	23.09	23.14	23.11	24.50
	50	LOW	QPSK	23.22	23.43	23.36	24.50
10	1	LOW	Q16	23.16	23.16	23.09	24.50
		MID	Q16	22.99	23.21	23.34	24.50
		HIGH	Q16	23.04	23.29	23.43	24.50
	25	LOW	Q16	22.28	22.39	22.41	23.50
		MID	Q16	22.05	22.30	22.24	23.50
		HIGH	Q16	22.15	22.12	22.34	23.50
	50	LOW	Q16	22.17	22.36	22.24	23.50
10	1	LOW	64QAM	22.20	22.29	22.24	23.50
		MID	64QAM	22.06	22.26	22.25	23.50
		HIGH	64QAM	22.04	22.04	22.47	23.50
	25	LOW	64QAM	21.23	21.38	21.11	22.50
		MID	64QAM	21.13	21.06	21.52	22.50
		HIGH	64QAM	21.01	21.12	21.39	22.50
	50	LOW	64QAM	21.36	21.39	21.26	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.19	24.45	24.17	25.50
		MID	QPSK	24.31	24.33	24.16	25.50
		HIGH	QPSK	24.08	24.21	24.05	25.50
	36	LOW	QPSK	23.22	23.07	23.08	24.50
		MID	QPSK	23.25	23.22	23.13	24.50
		HIGH	QPSK	23.08	23.10	23.03	24.50
	75	LOW	QPSK	23.21	23.23	23.30	24.50
15	1	LOW	Q16	23.32	23.12	23.20	24.50
		MID	Q16	23.01	23.18	23.13	24.50
		HIGH	Q16	23.21	23.24	23.18	24.50
	36	LOW	Q16	22.31	22.38	22.34	23.50
		MID	Q16	22.23	22.15	22.39	23.50
		HIGH	Q16	22.02	22.32	22.28	23.50
	75	LOW	Q16	22.42	22.13	22.29	23.50
15	1	LOW	64QAM	21.95	22.18	22.05	23.50
		MID	64QAM	22.31	22.13	22.17	23.50
		HIGH	64QAM	22.12	22.26	22.44	23.50
	36	LOW	64QAM	21.27	21.34	21.14	22.50
		MID	64QAM	21.02	21.08	21.39	22.50
		HIGH	64QAM	20.88	21.07	21.53	22.50
	75	LOW	64QAM	21.17	21.53	21.05	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.30	24.32	24.08	25.50
		MID	QPSK	24.29	24.30	24.07	25.50
		HIGH	QPSK	24.08	24.09	24.10	25.50
	50	LOW	QPSK	23.23	23.21	23.19	24.50
		MID	QPSK	23.21	23.33	23.08	24.50
		HIGH	QPSK	23.10	23.18	23.05	24.50
	100	LOW	QPSK	23.32	23.28	23.27	24.50
20	1	LOW	Q16	23.21	23.12	23.13	24.50
		MID	Q16	23.06	23.19	23.21	24.50
		HIGH	Q16	23.14	23.18	23.28	24.50
	50	LOW	Q16	22.23	22.28	22.28	23.50
		MID	Q16	22.08	22.19	22.25	23.50
		HIGH	Q16	22.09	22.24	22.26	23.50
	100	LOW	Q16	22.28	22.27	22.18	23.50
20	1	LOW	64QAM	22.07	22.20	22.12	23.50
		MID	64QAM	22.17	22.20	22.24	23.50
		HIGH	64QAM	22.01	22.12	22.41	23.50
	50	LOW	64QAM	21.18	21.38	21.13	22.50
		MID	64QAM	21.16	21.15	21.37	22.50
		HIGH	64QAM	20.98	21.10	21.38	22.50
	100	LOW	64QAM	21.22	21.41	21.17	22.50

LTE B4-DSI1&2 -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.31	24.22	24.29	25.50
		MID	QPSK	24.30	24.11	24.11	25.50
		HIGH	QPSK	24.17	24.18	24.33	25.50
	3	LOW	QPSK	23.15	23.34	23.12	24.50
		MID	QPSK	23.16	23.25	23.28	24.50
		HIGH	QPSK	23.18	23.32	23.13	24.50
	6	LOW	QPSK	23.28	23.29	23.28	24.50
1.4	1	LOW	Q16	23.09	23.18	23.22	24.50
		MID	Q16	23.23	23.11	23.05	24.50
		HIGH	Q16	23.15	23.14	23.21	24.50
	3	LOW	Q16	22.27	22.26	22.15	23.50
		MID	Q16	22.32	22.21	22.35	23.50
		HIGH	Q16	22.10	22.13	22.21	23.50
	6	LOW	Q16	22.21	22.20	22.13	23.50
1.4	1	LOW	64QAM	22.02	22.12	22.08	23.50
		MID	64QAM	22.23	22.08	22.18	23.50
		HIGH	64QAM	22.23	22.13	22.27	23.50
	3	LOW	64QAM	21.19	21.36	21.08	22.50
		MID	64QAM	21.31	21.32	21.50	22.50
		HIGH	64QAM	21.18	21.17	21.23	22.50
	6	LOW	64QAM	21.20	21.11	21.24	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	24.33	24.25	24.18	25.50
		MID	QPSK	24.40	24.24	23.99	25.50
		HIGH	QPSK	24.04	24.14	24.19	25.50
	8	LOW	QPSK	23.11	23.06	23.26	24.50
		MID	QPSK	23.09	23.42	23.08	24.50
		HIGH	QPSK	23.22	23.04	22.94	24.50
	15	LOW	QPSK	23.35	23.18	23.13	24.50
3	1	LOW	Q16	23.29	23.13	23.13	24.50
		MID	Q16	22.97	23.17	23.12	24.50
		HIGH	Q16	23.05	23.25	23.16	24.50
	8	LOW	Q16	22.15	22.22	22.41	23.50
		MID	Q16	21.93	22.11	22.29	23.50
		HIGH	Q16	22.15	22.13	22.41	23.50
	15	LOW	Q16	22.38	22.33	22.33	23.50
3	1	LOW	64QAM	22.03	22.34	22.17	23.50
		MID	64QAM	22.19	22.12	22.32	23.50
		HIGH	64QAM	22.05	22.13	22.42	23.50
	8	LOW	64QAM	21.07	21.50	21.24	22.50
		MID	64QAM	21.26	21.18	21.48	22.50
		HIGH	64QAM	20.92	21.12	21.29	22.50
	15	LOW	64QAM	21.09	21.27	21.05	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.27	24.26	24.08	25.50
		MID	QPSK	24.28	24.23	24.11	25.50
		HIGH	QPSK	24.20	23.99	23.98	25.50
	12	LOW	QPSK	23.30	23.07	23.33	24.50
		MID	QPSK	23.36	23.23	22.93	24.50
		HIGH	QPSK	23.17	23.31	22.97	24.50
	25	LOW	QPSK	23.39	23.40	23.28	24.50
5	1	LOW	Q16	23.28	23.22	23.12	24.50
		MID	Q16	23.15	23.33	23.18	24.50
		HIGH	Q16	23.22	23.17	23.22	24.50
	12	LOW	Q16	22.23	22.15	22.34	23.50
		MID	Q16	22.20	22.15	22.40	23.50
		HIGH	Q16	22.18	22.25	22.27	23.50
	25	LOW	Q16	22.33	22.22	22.15	23.50
5	1	LOW	64QAM	21.97	22.07	22.24	23.50
		MID	64QAM	22.29	22.35	22.12	23.50
		HIGH	64QAM	21.95	22.15	22.31	23.50
	12	LOW	64QAM	21.19	21.32	21.28	22.50
		MID	64QAM	21.30	21.01	21.22	22.50
		HIGH	64QAM	21.03	20.96	21.50	22.50
	25	LOW	64QAM	21.23	21.44	21.16	22.50

LTE B4-Full Power -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.37	24.31	24.23	25.50
		MID	QPSK	24.18	24.15	24.15	25.50
		HIGH	QPSK	24.22	23.99	24.25	25.50
	25	LOW	QPSK	23.08	23.35	23.13	24.50
		MID	QPSK	23.33	23.29	23.07	24.50
		HIGH	QPSK	23.09	23.14	23.11	24.50
	50	LOW	QPSK	23.22	23.43	23.36	24.50
10	1	LOW	Q16	23.16	23.16	23.09	24.50
		MID	Q16	22.99	23.21	23.34	24.50
		HIGH	Q16	23.04	23.29	23.43	24.50
	25	LOW	Q16	22.28	22.39	22.41	23.50
		MID	Q16	22.05	22.30	22.24	23.50
		HIGH	Q16	22.15	22.12	22.34	23.50
	50	LOW	Q16	22.17	22.36	22.24	23.50
10	1	LOW	64QAM	22.20	22.29	22.24	23.50
		MID	64QAM	22.06	22.26	22.25	23.50
		HIGH	64QAM	22.04	22.04	22.47	23.50
	25	LOW	64QAM	21.23	21.38	21.11	22.50
		MID	64QAM	21.13	21.06	21.52	22.50
		HIGH	64QAM	21.01	21.12	21.39	22.50
	50	LOW	64QAM	21.36	21.39	21.26	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.19	24.45	24.17	25.50
		MID	QPSK	24.31	24.33	24.16	25.50
		HIGH	QPSK	24.08	24.21	24.05	25.50
	36	LOW	QPSK	23.22	23.07	23.08	24.50
		MID	QPSK	23.25	23.22	23.13	24.50
		HIGH	QPSK	23.08	23.10	23.03	24.50
	75	LOW	QPSK	23.21	23.23	23.30	24.50
15	1	LOW	Q16	23.32	23.12	23.20	24.50
		MID	Q16	23.01	23.18	23.13	24.50
		HIGH	Q16	23.21	23.24	23.18	24.50
	36	LOW	Q16	22.31	22.38	22.34	23.50
		MID	Q16	22.23	22.15	22.39	23.50
		HIGH	Q16	22.02	22.32	22.28	23.50
	75	LOW	Q16	22.42	22.13	22.29	23.50
15	1	LOW	64QAM	21.95	22.18	22.05	23.50
		MID	64QAM	22.31	22.13	22.17	23.50
		HIGH	64QAM	22.12	22.26	22.44	23.50
	36	LOW	64QAM	21.27	21.34	21.14	22.50
		MID	64QAM	21.02	21.08	21.39	22.50
		HIGH	64QAM	20.88	21.07	21.53	22.50
	75	LOW	64QAM	21.17	21.53	21.05	22.50
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	24.30	24.32	24.08	25.50
		MID	QPSK	24.29	24.30	24.07	25.50
		HIGH	QPSK	24.08	24.09	24.10	25.50
	50	LOW	QPSK	23.23	23.21	23.19	24.50
		MID	QPSK	23.21	23.33	23.08	24.50
		HIGH	QPSK	23.10	23.18	23.05	24.50
	100	LOW	QPSK	23.32	23.28	23.27	24.50
20	1	LOW	Q16	23.21	23.12	23.13	24.50
		MID	Q16	23.06	23.19	23.21	24.50
		HIGH	Q16	23.14	23.18	23.28	24.50
	50	LOW	Q16	22.23	22.28	22.28	23.50
		MID	Q16	22.08	22.19	22.25	23.50
		HIGH	Q16	22.09	22.24	22.26	23.50
	100	LOW	Q16	22.28	22.27	22.18	23.50
20	1	LOW	64QAM	22.07	22.20	22.12	23.50
		MID	64QAM	22.17	22.20	22.24	23.50
		HIGH	64QAM	22.01	22.12	22.41	23.50
	50	LOW	64QAM	21.18	21.38	21.13	22.50
		MID	64QAM	21.16	21.15	21.37	22.50
		HIGH	64QAM	20.98	21.10	21.38	22.50
	100	LOW	64QAM	21.22	21.41	21.17	22.50

LTE B4-DSI3&4 -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.73	19.42	19.66	21.00
		MID	QPSK	19.80	20.18	20.02	21.00
		HIGH	QPSK	19.84	20.07	19.90	21.00
	3	LOW	QPSK	19.91	20.24	20.13	21.00
		MID	QPSK	19.96	20.24	19.90	21.00
		HIGH	QPSK	19.98	19.88	20.00	21.00
	6	LOW	QPSK	19.98	20.14	19.91	21.00
1.4	1	LOW	Q16	20.24	20.26	19.93	21.00
		MID	Q16	19.97	20.20	19.97	21.00
		HIGH	Q16	20.27	19.76	20.13	21.00
	3	LOW	Q16	20.18	20.06	19.97	21.00
		MID	Q16	20.12	20.06	19.86	21.00
		HIGH	Q16	19.92	20.08	19.85	21.00
	6	LOW	Q16	20.00	20.00	20.11	21.00
1.4	1	LOW	64QAM	20.26	20.08	19.92	21.00
		MID	64QAM	19.94	19.91	20.24	21.00
		HIGH	64QAM	20.10	19.91	20.21	21.00
	3	LOW	64QAM	20.03	20.09	19.90	21.00
		MID	64QAM	19.97	19.98	19.99	21.00
		HIGH	64QAM	19.95	19.82	20.06	21.00
	6	LOW	64QAM	19.78	20.17	19.85	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.75	19.66	19.72	21.00
		MID	QPSK	19.91	20.27	19.88	21.00
		HIGH	QPSK	19.95	20.16	19.81	21.00
	8	LOW	QPSK	20.11	20.13	19.91	21.00
		MID	QPSK	19.87	20.02	19.89	21.00
		HIGH	QPSK	19.77	19.98	20.14	21.00
	15	LOW	QPSK	19.87	20.03	19.99	21.00
3	1	LOW	Q16	20.13	20.01	19.86	21.00
		MID	Q16	20.02	20.18	20.19	21.00
		HIGH	Q16	20.17	19.88	19.96	21.00
	8	LOW	Q16	20.24	20.18	19.78	21.00
		MID	Q16	19.94	20.02	20.01	21.00
		HIGH	Q16	19.93	19.89	19.99	21.00
	15	LOW	Q16	19.95	20.25	20.08	21.00
3	1	LOW	64QAM	20.10	20.20	19.71	21.00
		MID	64QAM	20.04	20.14	20.23	21.00
		HIGH	64QAM	20.33	19.83	20.06	21.00
	8	LOW	64QAM	20.11	20.04	19.79	21.00
		MID	64QAM	19.79	20.03	20.03	21.00
		HIGH	64QAM	20.05	20.01	20.25	21.00
	15	LOW	64QAM	19.94	19.99	20.03	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.79	19.49	19.89	21.00
		MID	QPSK	19.76	20.10	20.02	21.00
		HIGH	QPSK	19.82	19.99	19.84	21.00
	12	LOW	QPSK	19.91	19.96	20.08	21.00
		MID	QPSK	19.92	20.07	19.94	21.00
		HIGH	QPSK	19.83	20.08	20.00	21.00
	25	LOW	QPSK	20.02	20.08	19.92	21.00
5	1	LOW	Q16	20.26	20.17	19.99	21.00
		MID	Q16	20.06	20.08	20.10	21.00
		HIGH	Q16	20.16	20.00	19.88	21.00
	12	LOW	Q16	20.14	19.96	19.95	21.00
		MID	Q16	20.05	19.97	19.97	21.00
		HIGH	Q16	19.94	19.93	20.03	21.00
	25	LOW	Q16	20.09	20.11	19.96	21.00
5	1	LOW	64QAM	20.21	20.17	19.74	21.00
		MID	64QAM	20.06	20.04	20.10	21.00
		HIGH	64QAM	20.32	19.85	19.98	21.00
	12	LOW	64QAM	20.24	19.96	20.05	21.00
		MID	64QAM	19.79	19.81	19.85	21.00
		HIGH	64QAM	19.99	19.97	20.08	21.00
	25	LOW	64QAM	20.08	20.00	19.98	21.00

LTE B4-Full Power -Ant.1							
Bandwidth (MH	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.77	19.46	19.80	21.00
		MID	QPSK	19.79	20.16	19.98	21.00
		HIGH	QPSK	19.91	20.21	20.06	21.00
	25	LOW	QPSK	20.03	20.21	20.16	21.00
		MID	QPSK	19.94	20.03	19.96	21.00
		HIGH	QPSK	19.96	19.84	19.94	21.00
	50	LOW	QPSK	19.83	20.10	20.07	21.00
10	1	LOW	Q16	20.05	20.04	20.03	21.00
		MID	Q16	19.97	20.11	20.00	21.00
		HIGH	Q16	20.10	19.91	19.98	21.00
	25	LOW	Q16	20.01	20.17	19.94	21.00
		MID	Q16	20.04	20.07	19.83	21.00
		HIGH	Q16	20.18	19.91	19.91	21.00
	50	LOW	Q16	20.07	20.12	20.06	21.00
10	1	LOW	64QAM	20.28	20.10	19.69	21.00
		MID	64QAM	20.05	19.85	20.01	21.00
		HIGH	64QAM	20.26	19.71	20.00	21.00
	25	LOW	64QAM	20.15	20.07	19.90	21.00
		MID	64QAM	19.95	20.03	19.82	21.00
		HIGH	64QAM	20.06	19.84	20.10	21.00
	50	LOW	64QAM	20.00	19.99	20.01	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.69	19.50	19.72	21.00
		MID	QPSK	20.02	20.24	19.97	21.00
		HIGH	QPSK	19.86	20.08	19.87	21.00
	36	LOW	QPSK	19.97	20.12	20.16	21.00
		MID	QPSK	19.85	20.21	19.75	21.00
		HIGH	QPSK	19.79	20.02	20.16	21.00
	75	LOW	QPSK	19.86	20.19	19.88	21.00
15	1	LOW	Q16	20.21	20.01	19.77	21.00
		MID	Q16	20.27	20.20	19.99	21.00
		HIGH	Q16	20.26	19.84	20.13	21.00
	36	LOW	Q16	20.16	19.93	19.98	21.00
		MID	Q16	19.91	20.00	20.01	21.00
		HIGH	Q16	19.91	20.12	20.00	21.00
	75	LOW	Q16	19.84	20.28	19.95	21.00
15	1	LOW	64QAM	20.06	19.99	19.77	21.00
		MID	64QAM	20.15	20.02	20.18	21.00
		HIGH	64QAM	20.09	19.79	20.16	21.00
	36	LOW	64QAM	20.24	20.16	19.93	21.00
		MID	64QAM	19.74	20.01	19.89	21.00
		HIGH	64QAM	20.13	19.99	20.14	21.00
	75	LOW	64QAM	19.88	20.15	20.09	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.72	19.69	19.81	21.00
		MID	QPSK	19.87	20.03	19.85	21.00
		HIGH	QPSK	19.78	20.18	19.88	21.00
	50	LOW	QPSK	19.82	20.16	20.15	21.00
		MID	QPSK	19.86	20.12	19.92	21.00
		HIGH	QPSK	19.82	19.84	19.93	21.00
	100	LOW	QPSK	20.06	20.09	19.94	21.00
20	1	LOW	Q16	20.17	20.22	19.94	21.00
		MID	Q16	20.20	20.14	19.93	21.00
		HIGH	Q16	20.25	19.89	20.13	21.00
	50	LOW	Q16	20.08	20.17	20.06	21.00
		MID	Q16	19.95	19.99	19.94	21.00
		HIGH	Q16	20.13	20.17	19.89	21.00
	100	LOW	Q16	20.00	20.02	19.85	21.00
20	1	LOW	64QAM	20.16	19.92	19.75	21.00
		MID	64QAM	20.15	20.05	20.18	21.00
		HIGH	64QAM	20.21	19.95	20.09	21.00
	50	LOW	64QAM	20.03	19.88	20.00	21.00
		MID	64QAM	19.68	19.85	19.91	21.00
		HIGH	64QAM	20.02	19.90	20.08	21.00
	100	LOW	64QAM	20.03	20.03	19.96	21.00

8.5.3 LTE Intra CA Band7 Output Power

LTE B7-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.20	23.39	25.00
		MID	QPSK	23.40	23.47	23.49	25.00
		HIGH	QPSK	23.45	23.20	23.44	25.00
	12	LOW	QPSK	22.39	22.53	22.54	24.00
		MID	QPSK	22.61	22.50	22.19	24.00
		HIGH	QPSK	22.25	22.26	22.34	24.00
	25	LOW	QPSK	22.46	22.29	22.36	24.00
5	1	LOW	Q16	22.39	22.29	22.74	24.00
		MID	Q16	22.32	22.60	22.51	24.00
		HIGH	Q16	22.55	22.37	22.20	24.00
	12	LOW	Q16	21.12	21.27	21.48	23.00
		MID	Q16	21.37	21.35	21.44	23.00
		HIGH	Q16	21.29	21.26	21.42	23.00
	25	LOW	Q16	21.61	21.12	21.50	23.00
5	1	LOW	64QAM	21.50	21.28	21.83	23.00
		MID	64QAM	21.27	21.52	21.44	23.00
		HIGH	64QAM	21.49	21.46	21.27	23.00
	12	LOW	64QAM	20.07	20.29	20.40	22.00
		MID	64QAM	20.50	20.42	20.46	22.00
		HIGH	64QAM	20.16	20.27	20.45	22.00
	25	LOW	64QAM	20.68	20.00	20.35	22.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.42	23.25	23.62	25.00
		MID	QPSK	23.42	23.62	23.50	25.00
		HIGH	QPSK	23.41	23.06	23.21	25.00
	25	LOW	QPSK	22.39	22.45	22.54	24.00
		MID	QPSK	22.23	22.29	22.38	24.00
		HIGH	QPSK	22.37	22.31	22.53	24.00
	50	LOW	QPSK	22.21	22.27	22.35	24.00
10	1	LOW	Q16	22.24	22.44	22.69	24.00
		MID	Q16	22.46	22.54	22.24	24.00
		HIGH	Q16	22.35	22.64	22.14	24.00
	25	LOW	Q16	21.04	21.25	21.49	23.00
		MID	Q16	21.29	21.52	21.34	23.00
		HIGH	Q16	21.01	21.12	21.51	23.00
	50	LOW	Q16	21.42	21.38	21.27	23.00
10	1	LOW	64QAM	21.34	21.51	21.44	23.00
		MID	64QAM	21.22	21.32	21.40	23.00
		HIGH	64QAM	21.28	21.28	21.26	23.00
	25	LOW	64QAM	20.21	20.23	20.65	22.00
		MID	64QAM	20.38	20.58	20.32	22.00
		HIGH	64QAM	20.27	20.21	20.37	22.00
	50	LOW	64QAM	20.53	20.29	20.12	22.00

LTE B7-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.19	23.26	23.49	25.00
		MID	QPSK	23.62	23.47	23.47	25.00
		HIGH	QPSK	23.30	23.19	23.15	25.00
	36	LOW	QPSK	22.51	22.36	22.63	24.00
		MID	QPSK	22.21	22.12	22.26	24.00
		HIGH	QPSK	22.55	22.30	22.53	24.00
	75	LOW	QPSK	22.24	22.43	22.40	24.00
15	1	LOW	Q16	22.39	22.59	22.68	24.00
		MID	Q16	22.28	22.32	22.22	24.00
		HIGH	Q16	22.34	22.64	22.14	24.00
	36	LOW	Q16	21.09	21.28	21.41	23.00
		MID	Q16	21.24	21.41	21.58	23.00
		HIGH	Q16	21.25	21.32	21.41	23.00
	75	LOW	Q16	21.49	21.23	21.28	23.00
15	1	LOW	64QAM	21.46	21.66	21.48	23.00
		MID	64QAM	21.17	21.54	21.29	23.00
		HIGH	64QAM	21.48	21.37	21.07	23.00
	36	LOW	64QAM	20.13	20.10	20.53	22.00
		MID	64QAM	20.53	20.40	20.54	22.00
		HIGH	64QAM	20.16	20.31	20.50	22.00
	75	LOW	64QAM	20.53	20.29	20.39	22.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.28	23.37	23.49	25.00
		MID	QPSK	23.57	23.61	23.44	25.00
		HIGH	QPSK	23.43	23.21	23.24	25.00
	50	LOW	QPSK	22.36	22.31	22.49	24.00
		MID	QPSK	22.36	22.22	22.27	24.00
		HIGH	QPSK	22.47	22.21	22.42	24.00
	100	LOW	QPSK	22.32	22.39	22.46	24.00
20	1	LOW	Q16	22.26	22.52	22.64	24.00
		MID	Q16	22.31	22.44	22.34	24.00
		HIGH	Q16	22.41	22.51	22.18	24.00
	50	LOW	Q16	21.08	21.31	21.41	23.00
		MID	Q16	21.39	21.56	21.45	23.00
		HIGH	Q16	21.09	21.24	21.48	23.00
	100	LOW	Q16	21.55	21.34	21.33	23.00
20	1	LOW	64QAM	21.31	21.64	21.50	23.00
		MID	64QAM	21.23	21.46	21.30	23.00
		HIGH	64QAM	21.34	21.40	21.18	23.00
	50	LOW	64QAM	20.10	20.22	20.51	22.00
		MID	64QAM	20.38	20.48	20.47	22.00
		HIGH	64QAM	20.13	20.20	20.37	22.00
	100	LOW	64QAM	20.62	20.40	20.25	22.00

LTE B7-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.64	20.43	20.49	21.50
		MID	QPSK	20.24	20.67	20.48	21.50
		HIGH	QPSK	20.50	20.70	20.68	21.50
	12	LOW	QPSK	20.12	20.27	20.08	21.50
		MID	QPSK	20.60	20.42	20.34	21.50
		HIGH	QPSK	20.41	20.75	20.21	21.50
	25	LOW	QPSK	20.60	20.58	20.58	21.50
5	1	LOW	Q16	20.27	20.49	20.51	21.50
		MID	Q16	20.38	20.43	20.23	21.50
		HIGH	Q16	20.65	20.68	20.53	21.50
	12	LOW	Q16	20.61	20.50	20.16	21.50
		MID	Q16	20.47	20.34	20.28	21.50
		HIGH	Q16	20.57	20.33	20.67	21.50
	25	LOW	Q16	20.46	20.34	20.95	21.50
5	1	LOW	64QAM	20.29	20.66	20.54	21.50
		MID	64QAM	20.33	20.53	20.26	21.50
		HIGH	64QAM	20.59	20.83	20.58	21.50
	12	LOW	64QAM	20.49	20.27	20.33	21.50
		MID	64QAM	20.32	20.16	20.35	21.50
		HIGH	64QAM	20.73	20.34	20.65	21.50
	25	LOW	64QAM	20.29	20.52	20.69	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.79	20.41	20.54	21.50
		MID	QPSK	20.27	20.59	20.26	21.50
		HIGH	QPSK	20.47	20.78	20.73	21.50
	25	LOW	QPSK	20.17	20.38	20.20	21.50
		MID	QPSK	20.67	20.21	20.40	21.50
		HIGH	QPSK	20.58	20.84	20.38	21.50
	50	LOW	QPSK	20.44	20.60	20.72	21.50
10	1	LOW	Q16	20.29	20.48	20.52	21.50
		MID	Q16	20.45	20.69	20.28	21.50
		HIGH	Q16	20.54	20.77	20.70	21.50
	25	LOW	Q16	20.60	20.33	20.17	21.50
		MID	Q16	20.33	20.32	20.42	21.50
		HIGH	Q16	20.61	20.51	20.75	21.50
	50	LOW	Q16	20.37	20.59	20.70	21.50
10	1	LOW	64QAM	20.23	20.44	20.64	21.50
		MID	64QAM	20.49	20.58	20.37	21.50
		HIGH	64QAM	20.77	20.54	20.64	21.50
	25	LOW	64QAM	20.58	20.25	20.14	21.50
		MID	64QAM	20.22	20.36	20.25	21.50
		HIGH	64QAM	20.76	20.51	20.63	21.50
	50	LOW	64QAM	20.56	20.50	20.66	21.50

LTE B7-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.80	20.15	20.46	21.50
		MID	QPSK	20.39	20.42	20.53	21.50
		HIGH	QPSK	20.22	20.73	20.53	21.50
	36	LOW	QPSK	20.26	20.43	20.08	21.50
		MID	QPSK	20.52	20.44	20.29	21.50
		HIGH	QPSK	20.58	20.60	20.15	21.50
	75	LOW	QPSK	20.50	20.36	20.70	21.50
15	1	LOW	Q16	20.40	20.60	20.43	21.50
		MID	Q16	20.46	20.53	20.31	21.50
		HIGH	Q16	20.75	20.61	20.45	21.50
	36	LOW	Q16	20.44	20.28	20.40	21.50
		MID	Q16	20.42	20.36	20.27	21.50
		HIGH	Q16	20.69	20.45	20.60	21.50
	75	LOW	Q16	20.26	20.61	20.95	21.50
15	1	LOW	64QAM	20.46	20.50	20.61	21.50
		MID	64QAM	20.31	20.46	20.38	21.50
		HIGH	64QAM	20.86	20.54	20.53	21.50
	36	LOW	64QAM	20.48	20.51	20.20	21.50
		MID	64QAM	20.24	20.41	20.26	21.50
		HIGH	64QAM	20.62	20.43	20.75	21.50
	75	LOW	64QAM	20.37	20.53	20.62	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.66	20.30	20.54	21.50
		MID	QPSK	20.37	20.55	20.38	21.50
		HIGH	QPSK	20.35	20.68	20.67	21.50
	50	LOW	QPSK	20.16	20.32	20.15	21.50
		MID	QPSK	20.55	20.34	20.32	21.50
		HIGH	QPSK	20.47	20.70	20.29	21.50
	100	LOW	QPSK	20.53	20.50	20.64	21.50
20	1	LOW	Q16	20.35	20.62	20.51	21.50
		MID	Q16	20.51	20.58	20.31	21.50
		HIGH	Q16	20.60	20.73	20.58	21.50
	50	LOW	Q16	20.55	20.43	20.28	21.50
		MID	Q16	20.39	20.26	20.39	21.50
		HIGH	Q16	20.61	20.43	20.69	21.50
	100	LOW	Q16	20.39	20.47	20.81	21.50
20	1	LOW	64QAM	20.37	20.58	20.60	21.50
		MID	64QAM	20.39	20.44	20.33	21.50
		HIGH	64QAM	20.72	20.68	20.61	21.50
	50	LOW	64QAM	20.57	20.39	20.18	21.50
		MID	64QAM	20.33	20.26	20.33	21.50
		HIGH	64QAM	20.76	20.49	20.67	21.50
	100	LOW	64QAM	20.41	20.55	20.67	21.50

LTE B7-DSI2&3-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	22.84	22.68	24.00
		MID	QPSK	23.01	23.32	22.86	24.00
		HIGH	QPSK	22.91	23.01	23.15	24.00
	12	LOW	QPSK	22.68	22.25	22.43	24.00
		MID	QPSK	22.80	22.71	22.19	24.00
		HIGH	QPSK	22.28	22.57	22.42	24.00
	25	LOW	QPSK	22.78	22.63	22.83	24.00
5	1	LOW	Q16	22.55	22.92	22.88	24.00
		MID	Q16	22.63	22.52	22.58	24.00
		HIGH	Q16	22.85	22.55	22.66	24.00
	12	LOW	Q16	21.68	21.73	21.57	23.00
		MID	Q16	21.55	21.53	21.63	23.00
		HIGH	Q16	21.92	21.66	21.56	23.00
	25	LOW	Q16	21.93	21.47	21.53	23.00
5	1	LOW	64QAM	21.66	21.89	21.90	23.00
		MID	64QAM	21.68	21.45	21.57	23.00
		HIGH	64QAM	21.87	21.55	21.68	23.00
	12	LOW	64QAM	20.70	20.77	20.42	22.00
		MID	64QAM	20.61	20.60	20.74	22.00
		HIGH	64QAM	20.92	20.63	20.64	22.00
	25	LOW	64QAM	20.86	20.36	20.49	22.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.27	22.89	22.74	24.00
		MID	QPSK	23.12	23.16	22.80	24.00
		HIGH	QPSK	22.92	22.98	23.14	24.00
	25	LOW	QPSK	22.53	22.37	22.33	24.00
		MID	QPSK	22.79	22.71	22.37	24.00
		HIGH	QPSK	22.22	22.59	22.53	24.00
	50	LOW	QPSK	22.93	22.58	22.84	24.00
10	1	LOW	Q16	22.44	22.95	22.70	24.00
		MID	Q16	22.50	22.53	22.53	24.00
		HIGH	Q16	22.58	22.50	22.65	24.00
	25	LOW	Q16	21.87	21.72	21.63	23.00
		MID	Q16	21.72	21.38	21.67	23.00
		HIGH	Q16	21.83	21.57	21.69	23.00
	50	LOW	Q16	21.88	21.52	21.54	23.00
10	1	LOW	64QAM	21.62	21.84	21.89	23.00
		MID	64QAM	21.84	21.36	21.56	23.00
		HIGH	64QAM	21.55	21.44	21.94	23.00
	25	LOW	64QAM	20.86	21.06	20.77	22.00
		MID	64QAM	20.66	20.54	20.84	22.00
		HIGH	64QAM	20.73	20.49	20.81	22.00
	50	LOW	64QAM	20.53	20.64	20.42	22.00

LTE B7-DSI2&3-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.07	23.04	22.72	24.00
		MID	QPSK	23.12	23.17	22.86	24.00
		HIGH	QPSK	22.97	23.26	23.03	24.00
	36	LOW	QPSK	22.62	22.43	22.36	24.00
		MID	QPSK	22.51	22.66	22.35	24.00
		HIGH	QPSK	22.48	22.45	22.37	24.00
	75	LOW	QPSK	22.78	22.60	22.83	24.00
15	1	LOW	Q16	22.53	22.71	22.71	24.00
		MID	Q16	22.63	22.55	22.67	24.00
		HIGH	Q16	22.69	22.33	22.64	24.00
	36	LOW	Q16	21.58	21.69	21.73	23.00
		MID	Q16	21.55	21.46	21.87	23.00
		HIGH	Q16	21.79	21.50	21.43	23.00
	75	LOW	Q16	21.72	21.67	21.42	23.00
15	1	LOW	64QAM	21.61	21.83	21.87	23.00
		MID	64QAM	21.67	21.45	21.61	23.00
		HIGH	64QAM	21.72	21.32	21.96	23.00
	36	LOW	64QAM	20.98	20.91	20.84	22.00
		MID	64QAM	20.58	20.41	20.80	22.00
		HIGH	64QAM	20.83	20.45	20.55	22.00
	75	LOW	64QAM	20.54	20.59	20.26	22.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	22.96	22.71	24.00
		MID	QPSK	23.04	23.26	22.78	24.00
		HIGH	QPSK	23.02	23.13	23.07	24.00
	50	LOW	QPSK	22.63	22.35	22.44	24.00
		MID	QPSK	22.66	22.58	22.33	24.00
		HIGH	QPSK	22.34	22.56	22.49	24.00
	100	LOW	QPSK	22.83	22.65	22.71	24.00
20	1	LOW	Q16	22.59	22.80	22.85	24.00
		MID	Q16	22.61	22.49	22.61	24.00
		HIGH	Q16	22.72	22.42	22.74	24.00
	50	LOW	Q16	21.73	21.80	21.71	23.00
		MID	Q16	21.62	21.50	21.74	23.00
		HIGH	Q16	21.83	21.51	21.54	23.00
	100	LOW	Q16	21.79	21.56	21.41	23.00
20	1	LOW	64QAM	21.51	21.92	21.87	23.00
		MID	64QAM	21.74	21.50	21.52	23.00
		HIGH	64QAM	21.57	21.32	21.88	23.00
	50	LOW	64QAM	20.84	20.92	20.80	22.00
		MID	64QAM	20.60	20.45	20.84	22.00
		HIGH	64QAM	20.86	20.46	20.67	22.00
	100	LOW	64QAM	20.66	20.63	20.36	22.00

LTE B7-DSI4-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.73	18.84	18.65	19.50
		MID	QPSK	18.33	18.37	18.35	19.50
		HIGH	QPSK	18.89	18.66	18.52	19.50
	12	LOW	QPSK	18.32	18.64	18.24	19.50
		MID	QPSK	18.57	18.61	18.25	19.50
		HIGH	QPSK	18.40	18.59	18.35	19.50
	25	LOW	QPSK	18.36	18.42	18.10	19.50
5	1	LOW	Q16	18.20	18.18	18.52	19.50
		MID	Q16	18.24	18.87	18.17	19.50
		HIGH	Q16	18.20	18.47	18.39	19.50
	12	LOW	Q16	18.22	18.33	18.16	19.50
		MID	Q16	18.40	18.51	18.70	19.50
		HIGH	Q16	18.26	18.52	18.51	19.50
	25	LOW	Q16	18.28	18.40	18.20	19.50
5	1	LOW	64QAM	18.07	18.20	18.63	19.50
		MID	64QAM	18.30	18.70	18.23	19.50
		HIGH	64QAM	18.31	18.37	18.29	19.50
	12	LOW	64QAM	17.90	18.24	18.32	19.50
		MID	64QAM	18.31	18.59	18.61	19.50
		HIGH	64QAM	18.34	18.53	18.23	19.50
	25	LOW	64QAM	18.49	18.46	18.07	19.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.55	18.61	18.45	19.50
		MID	QPSK	18.30	18.46	18.35	19.50
		HIGH	QPSK	18.68	18.51	18.51	19.50
	25	LOW	QPSK	18.35	18.56	18.42	19.50
		MID	QPSK	18.62	18.67	18.16	19.50
		HIGH	QPSK	18.53	18.37	18.30	19.50
	50	LOW	QPSK	18.46	18.40	18.06	19.50
10	1	LOW	Q16	18.36	18.37	18.55	19.50
		MID	Q16	18.00	18.86	18.22	19.50
		HIGH	Q16	18.38	18.28	18.31	19.50
	25	LOW	Q16	18.18	18.25	18.46	19.50
		MID	Q16	18.22	18.37	18.56	19.50
		HIGH	Q16	18.42	18.52	18.48	19.50
	50	LOW	Q16	18.11	18.47	18.10	19.50
10	1	LOW	64QAM	18.25	18.35	18.65	19.50
		MID	64QAM	18.07	18.72	18.39	19.50
		HIGH	64QAM	18.08	18.40	18.28	19.50
	25	LOW	64QAM	18.05	18.28	18.45	19.50
		MID	64QAM	18.35	18.70	18.57	19.50
		HIGH	64QAM	18.51	18.53	18.37	19.50
	50	LOW	64QAM	18.38	18.42	18.04	19.50

LTE B7-DSI4-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.63	18.81	18.45	19.50
		MID	QPSK	18.32	18.39	18.45	19.50
		HIGH	QPSK	18.79	18.55	18.51	19.50
	36	LOW	QPSK	18.48	18.67	18.26	19.50
		MID	QPSK	18.43	18.73	18.32	19.50
		HIGH	QPSK	18.47	18.33	18.28	19.50
	75	LOW	QPSK	18.36	18.45	18.04	19.50
15	1	LOW	Q16	18.30	18.15	18.66	19.50
		MID	Q16	18.05	18.78	18.20	19.50
		HIGH	Q16	18.33	18.20	18.47	19.50
	36	LOW	Q16	18.04	18.34	18.24	19.50
		MID	Q16	18.24	18.52	18.48	19.50
		HIGH	Q16	18.44	18.39	18.48	19.50
	75	LOW	Q16	18.29	18.45	18.11	19.50
15	1	LOW	64QAM	18.32	18.40	18.60	19.50
		MID	64QAM	18.25	18.77	18.30	19.50
		HIGH	64QAM	18.14	18.64	18.34	19.50
	36	LOW	64QAM	17.92	18.29	18.27	19.50
		MID	64QAM	18.20	18.51	18.78	19.50
		HIGH	64QAM	18.42	18.49	18.31	19.50
	75	LOW	64QAM	18.47	18.48	18.20	19.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.65	18.86	18.48	19.50
		MID	QPSK	18.37	18.54	18.62	19.50
		HIGH	QPSK	18.67	18.51	18.51	19.50
	50	LOW	QPSK	18.40	18.45	18.50	19.50
		MID	QPSK	18.43	18.63	18.29	19.50
		HIGH	QPSK	18.43	18.44	18.46	19.50
	100	LOW	QPSK	18.22	18.38	18.09	19.50
20	1	LOW	Q16	18.20	18.24	18.56	19.50
		MID	Q16	18.01	18.91	18.19	19.50
		HIGH	Q16	18.16	18.40	18.42	19.50
	50	LOW	Q16	18.10	18.22	18.19	19.50
		MID	Q16	18.31	18.55	18.55	19.50
		HIGH	Q16	18.36	18.44	18.50	19.50
	100	LOW	Q16	18.15	18.47	18.01	19.50
20	1	LOW	64QAM	18.32	18.37	18.74	19.50
		MID	64QAM	18.20	18.77	18.40	19.50
		HIGH	64QAM	18.12	18.43	18.46	19.50
	50	LOW	64QAM	17.97	18.36	18.42	19.50
		MID	64QAM	18.32	18.48	18.74	19.50
		HIGH	64QAM	18.37	18.49	18.37	19.50
	100	LOW	64QAM	18.42	18.33	18.08	19.50

8.6.1 NR Band5 Output Power

N5-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.44	24.22	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.65	24.35	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.48	24.33	24.40	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.45	24.65	24.68	25.50
		1	53	24.31	24.36	24.49	25.50
		1	104	24.57	24.48	24.67	25.50
	DFT-s-OFDM BPSK	50	0	24.34	24.35	24.44	25.50
		50	28	24.22	24.23	24.47	25.50
		50	56	24.23	24.22	24.31	25.50
	DFT-s-OFDM BPSK	100	0	23.39	23.56	23.40	24.50
	DFT-s-OFDM QPSK	1	1	24.54	24.33	24.44	25.50
		1	53	24.80	24.53	24.33	25.50
		1	104	24.47	24.54	24.87	25.50
	DFT-s-OFDM QPSK	50	0	24.46	24.64	24.38	25.50
		50	28	24.06	24.62	24.28	25.50
		50	56	24.70	24.99	24.71	25.50
	DFT-s-OFDM QPSK	100	0	23.44	23.61	23.30	24.50
	DFT-s-OFDM 16QAM	1	1	23.68	23.83	23.87	24.50
	DFT-s-OFDM 64QAM	1	1	21.55	21.73	21.66	23.00
	DFT-s-OFDM 256QAM	1	1	20.36	20.45	20.42	21.00
	CP-OFDM QPSK	1	1	22.89	23.07	22.87	24.00
	CP-OFDM 16QAM	1	1	22.80	22.90	23.01	23.50
	CP-OFDM 64QAM	1	1	21.41	21.23	21.03	22.00
	CP-OFDM 256QAM	1	1	17.84	17.80	17.99	19.00

N5-ANT1 DSI1&2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.44	24.22	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.65	24.35	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.48	24.33	24.40	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.45	24.65	24.68	25.50
		1	53	24.31	24.36	24.49	25.50
		1	104	24.21	24.48	24.67	25.50
	DFT-s-OFDM BPSK	50	0	24.34	24.35	24.44	25.50
		50	28	24.38	24.39	24.47	25.50
		50	56	24.23	24.22	24.31	25.50
	DFT-s-OFDM BPSK	100	0	23.39	23.56	23.61	24.50
	DFT-s-OFDM QPSK	1	1	24.54	24.33	24.44	25.50
		1	53	24.80	24.53	24.33	25.50
		1	104	24.47	24.54	24.87	25.50
	DFT-s-OFDM QPSK	50	0	24.46	24.64	24.38	25.50
		50	28	24.06	24.62	24.28	25.50
		50	56	24.70	24.99	24.71	25.50
	DFT-s-OFDM QPSK	100	0	23.44	23.61	23.30	24.50
	DFT-s-OFDM 16QAM	1	1	23.68	23.83	23.87	24.50
	DFT-s-OFDM 64QAM	1	1	21.55	21.73	21.66	23.00
	DFT-s-OFDM 256QAM	1	1	20.36	20.45	20.42	21.00
	CP-OFDM QPSK	1	1	22.89	23.07	22.87	24.00
	CP-OFDM 16QAM	1	1	22.80	22.90	23.01	23.50
	CP-OFDM 64QAM	1	1	21.41	21.23	21.03	22.00
	CP-OFDM 256QAM	1	1	17.84	17.80	17.99	19.00

N5-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.36	24.21	24.15	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.18	24.08	24.23	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.34	24.25	24.29	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.65	24.67	24.61	25.50
		1	53	24.21	24.55	24.55	25.50
		1	104	24.49	24.40	24.39	25.50
	DFT-s-OFDM BPSK	50	0	23.98	24.05	24.20	25.50
		50	28	24.26	24.62	24.47	25.50
		50	56	24.21	24.59	24.30	25.50
	DFT-s-OFDM BPSK	100	0	22.92	23.33	23.23	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.22	25.50
		1	53	24.06	24.51	24.56	25.50
		1	104	24.67	24.41	24.20	25.50
	DFT-s-OFDM QPSK	50	0	23.85	24.07	24.09	25.50
		50	28	24.14	24.22	24.61	25.50
		50	56	24.58	24.44	24.58	25.50
	DFT-s-OFDM QPSK	100	0	23.04	23.14	23.14	24.50
	DFT-s-OFDM 16QAM	1	1	23.18	23.22	23.20	24.50
	DFT-s-OFDM 64QAM	1	1	22.06	21.88	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	19.95	20.05	20.02	21.00
	CP-OFDM QPSK	1	1	22.85	22.88	22.78	24.00
	CP-OFDM 16QAM	1	1	22.30	22.25	22.44	23.50
	CP-OFDM 64QAM	1	1	20.96	21.05	21.14	22.00
	CP-OFDM 256QAM	1	1	18.45	18.65	18.54	19.00

N5-ANT4 DSI1&2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.36	24.21	24.15	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.18	24.08	24.23	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.34	24.25	24.29	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.65	24.67	24.61	25.50
		1	53	24.21	24.55	24.55	25.50
		1	104	24.49	24.40	24.39	25.50
	DFT-s-OFDM BPSK	50	0	23.98	24.05	24.20	25.50
		50	28	24.26	24.62	24.47	25.50
		50	56	24.21	24.59	24.30	25.50
	DFT-s-OFDM BPSK	100	0	22.92	23.33	23.23	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.22	25.50
		1	53	24.06	24.51	24.56	25.50
		1	104	24.67	24.41	24.20	25.50
	DFT-s-OFDM QPSK	50	0	23.85	24.07	24.09	25.50
		50	28	24.14	24.22	24.61	25.50
		50	56	24.58	24.44	24.58	25.50
	DFT-s-OFDM QPSK	100	0	23.04	23.14	23.14	24.50
	DFT-s-OFDM 16QAM	1	1	23.18	23.22	23.20	24.50
	DFT-s-OFDM 64QAM	1	1	22.06	21.88	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	19.95	20.05	20.02	21.00
	CP-OFDM QPSK	1	1	22.85	22.88	22.78	24.00
	CP-OFDM 16QAM	1	1	22.30	22.25	22.44	23.50
	CP-OFDM 64QAM	1	1	20.96	21.05	21.14	22.00
	CP-OFDM 256QAM	1	1	18.45	18.65	18.54	19.00

8.6.2 NR Band7 Output Power

N7-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	23.63	24.49	23.52	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	23.62	24.32	24.21	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	23.75	24.27	24.37	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	23.67	24.34	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	23.60	23.68	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	23.74	24.41	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	24.31	24.33	24.31	25.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	23.62	23.73	23.54	25.50
		1	135	23.61	23.57	23.72	25.50
		1	268	23.62	23.57	23.60	25.50
	DFT-s-OFDM BPSK	135	0	23.52	23.58	23.55	25.50
		135	68	24.46	24.58	24.45	25.50
		135	135	23.65	23.55	23.57	25.50
	DFT-s-OFDM BPSK	270	0	23.29	23.32	23.34	24.50
	DFT-s-OFDM QPSK	1	1	23.72	24.47	24.39	25.50
		1	135	24.47	23.68	23.62	25.50
		1	268	23.59	24.44	23.64	25.50
	DFT-s-OFDM QPSK	135	0	23.61	23.54	24.45	25.50
		135	68	23.51	24.48	23.65	25.50
		135	135	23.87	23.55	23.70	25.50
	DFT-s-OFDM QPSK	270	0	23.21	23.23	23.32	24.50
	DFT-s-OFDM 16QAM	1	1	23.00	23.14	23.04	24.50
	DFT-s-OFDM 64QAM	1	1	21.21	21.31	21.49	23.00
	DFT-s-OFDM 256QAM	1	1	19.90	19.05	19.21	21.00
	CP-OFDM QPSK	1	1	22.10	22.12	22.12	24.00
	CP-OFDM 16QAM	1	1	21.91	22.08	22.04	23.50
	CP-OFDM 64QAM	1	1	20.10	20.05	20.10	22.00
	CP-OFDM 256QAM	1	1	17.60	17.62	17.47	19.00

N7-ANT1 DSI1&2(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	23.63	24.49	23.52	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	23.62	24.32	24.21	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	23.75	24.27	24.37	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	23.67	24.34	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	23.60	23.68	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	23.74	24.41	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	24.31	24.33	24.31	25.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	23.62	23.73	23.54	25.50
		1	135	23.61	23.57	23.72	25.50
		1	268	23.62	23.57	23.60	25.50
	DFT-s-OFDM BPSK	135	0	23.52	23.58	23.55	25.50
		135	68	24.46	24.58	24.45	25.50
		135	135	23.65	23.55	23.57	25.50
	DFT-s-OFDM BPSK	270	0	23.29	23.32	23.34	24.50
	DFT-s-OFDM QPSK	1	1	23.72	24.47	24.39	25.50
		1	135	24.47	23.68	23.62	25.50
		1	268	23.59	24.44	23.64	25.50
	DFT-s-OFDM QPSK	135	0	23.61	23.54	24.45	25.50
		135	68	23.51	24.48	23.65	25.50
		135	135	23.87	23.55	23.70	25.50
	DFT-s-OFDM QPSK	270	0	23.21	23.23	23.32	24.50
	DFT-s-OFDM 16QAM	1	1	23.00	23.14	23.04	24.50
	DFT-s-OFDM 64QAM	1	1	21.21	21.31	21.49	23.00
	DFT-s-OFDM 256QAM	1	1	19.90	19.05	19.21	21.00
	CP-OFDM QPSK	1	1	22.10	22.12	22.12	24.00
	CP-OFDM 16QAM	1	1	21.91	22.08	22.04	23.50
	CP-OFDM 64QAM	1	1	20.10	20.05	20.10	22.00
	CP-OFDM 256QAM	1	1	17.60	17.62	17.47	19.00

N7-ANT1 DSI3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.11	18.58	18.80	20.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	18.97	18.49	18.99	20.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	18.84	18.50	18.87	20.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	18.74	19.34	18.90	20.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	19.02	18.76	18.87	20.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	19.04	18.87	18.87	20.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	18.79	19.29	18.81	20.00
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	19.13	19.21	19.08	20.00
		1	135	18.90	19.19	19.07	20.00
		1	268	19.12	19.08	18.92	20.00
	DFT-s-OFDM BPSK	135	0	18.91	19.01	18.91	20.00
		135	68	19.08	19.27	19.19	20.00
		135	135	19.05	19.11	19.18	20.00
	DFT-s-OFDM BPSK	270	0	18.89	19.12	18.81	20.00
	DFT-s-OFDM QPSK	1	1	18.95	18.65	18.85	20.00
		1	135	18.81	19.35	18.89	20.00
		1	268	19.11	19.23	18.95	20.00
	DFT-s-OFDM QPSK	135	0	18.83	19.17	18.99	20.00
		135	68	18.83	18.65	19.04	20.00
		135	135	19.19	19.05	19.12	20.00
	DFT-s-OFDM QPSK	270	0	19.01	19.23	18.61	20.00
	DFT-s-OFDM 16QAM	1	1	18.77	18.70	18.52	20.00
	DFT-s-OFDM 64QAM	1	1	18.99	18.99	19.16	20.00
	DFT-s-OFDM 256QAM	1	1	18.71	18.89	18.69	20.00
	CP-OFDM QPSK	1	1	19.10	18.92	18.92	20.00
	CP-OFDM 16QAM	1	1	18.82	18.97	19.01	20.00
	CP-OFDM 64QAM	1	1	18.72	18.68	18.62	20.00
	CP-OFDM 256QAM	1	1	17.55	17.68	17.52	19.00

N7-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	23.68	23.58	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	23.68	24.09	24.06	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	23.99	24.07	23.84	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	23.52	24.05	23.82	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	23.81	23.57	23.97	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	23.93	23.85	23.54	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	23.59	23.82	23.88	25.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	24.19	24.35	24.19	25.50
		1	135	23.78	23.79	23.51	25.50
		1	268	23.66	23.61	23.77	25.50
	DFT-s-OFDM BPSK	135	0	23.75	23.80	23.70	25.50
		135	68	23.87	23.92	23.86	25.50
		135	135	23.75	23.63	23.80	25.50
	DFT-s-OFDM BPSK	270	0	23.40	23.21	23.28	24.50
	DFT-s-OFDM QPSK	1	1	23.79	23.66	23.96	25.50
		1	135	23.63	23.78	23.67	25.50
		1	268	24.37	24.07	24.34	25.50
	DFT-s-OFDM QPSK	135	0	23.55	24.03	23.88	25.50
		135	68	23.73	23.70	23.71	25.50
		135	135	23.86	23.78	23.62	25.50
	DFT-s-OFDM QPSK	270	0	23.20	23.24	23.29	24.50
	DFT-s-OFDM 16QAM	1	1	23.36	23.22	23.31	24.50
	DFT-s-OFDM 64QAM	1	1	21.41	21.54	21.51	23.00
	DFT-s-OFDM 256QAM	1	1	19.42	19.52	19.36	21.00
	CP-OFDM QPSK	1	1	22.53	22.48	22.51	24.00
	CP-OFDM 16QAM	1	1	22.09	22.28	22.35	23.50
	CP-OFDM 64QAM	1	1	20.53	20.46	20.58	22.00
	CP-OFDM 256QAM	1	1	17.27	17.34	17.28	19.00

N7-ANT4 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.80	20.08	20.22	20.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	19.79	20.11	20.08	20.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.00	20.30	20.26	20.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.21	20.32	20.32	20.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	19.97	20.19	20.20	20.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	20.00	20.31	20.35	20.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	20.45	20.50	20.19	20.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	20.27	20.32	20.23	20.50
		1	135	20.22	20.15	20.20	20.50
		1	268	20.25	20.22	20.22	20.50
	DFT-s-OFDM BPSK	135	0	20.13	20.16	20.03	20.50
		135	68	20.14	20.18	20.15	20.50
		135	135	20.02	20.11	20.12	20.50
	DFT-s-OFDM BPSK	270	0	20.28	20.30	20.10	20.50
	DFT-s-OFDM QPSK	1	1	19.97	20.10	20.12	20.50
		1	135	20.33	20.22	20.12	20.50
		1	268	20.36	20.35	20.31	20.50
	DFT-s-OFDM QPSK	135	0	20.13	20.46	20.26	20.50
		135	68	20.07	20.09	20.29	20.50
		135	135	20.31	20.22	20.35	20.50
	DFT-s-OFDM QPSK	270	0	20.12	20.17	20.28	20.50
	DFT-s-OFDM 16QAM	1	1	20.03	20.03	20.22	20.50
	DFT-s-OFDM 64QAM	1	1	20.27	20.09	19.97	20.50
	DFT-s-OFDM 256QAM	1	1	20.26	20.21	20.11	20.50
	CP-OFDM QPSK	1	1	19.96	19.95	19.81	20.50
	CP-OFDM 16QAM	1	1	19.85	20.05	20.19	20.50
	CP-OFDM 64QAM	1	1	20.22	20.16	19.99	20.50
	CP-OFDM 256QAM	1	1	17.23	17.22	17.25	19.00

N7-ANT4 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	23.68	23.58	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	23.68	24.09	24.06	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	23.99	24.07	23.84	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	23.52	24.05	23.82	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	23.81	23.57	23.97	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	23.93	23.85	23.54	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	23.59	23.82	23.88	25.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	23.66	23.61	23.77	25.50
		1	135	23.78	23.79	23.51	25.50
		1	268	24.35	24.19	24.19	25.50
	DFT-s-OFDM BPSK	135	0	23.75	23.92	23.70	25.50
		135	68	23.87	23.80	23.86	25.50
		135	135	23.75	23.63	23.80	25.50
	DFT-s-OFDM BPSK	270	0	23.40	23.21	23.28	24.50
	DFT-s-OFDM QPSK	1	1	23.79	23.66	23.96	25.50
		1	135	23.63	23.78	23.67	25.50
		1	268	24.37	24.07	24.34	25.50
	DFT-s-OFDM QPSK	135	0	23.55	24.03	23.88	25.50
		135	68	23.73	23.70	23.71	25.50
		135	135	23.86	23.78	23.62	25.50
	DFT-s-OFDM QPSK	270	0	23.20	23.24	23.29	24.50
	DFT-s-OFDM 16QAM	1	1	23.36	23.22	23.31	24.50
	DFT-s-OFDM 64QAM	1	1	21.41	21.54	21.51	23.00
	DFT-s-OFDM 256QAM	1	1	19.42	19.52	19.36	21.00
	CP-OFDM QPSK	1	1	22.53	22.48	22.51	24.00
	CP-OFDM 16QAM	1	1	22.09	22.28	22.35	23.50
	CP-OFDM 64QAM	1	1	20.53	20.46	20.58	22.00
	CP-OFDM 256QAM	1	1	17.27	17.34	17.28	19.00

N7-ANT4 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	20.94	20.67	20.92	21.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	20.69	20.44	20.95	21.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.74	20.68	20.70	21.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.65	20.60	20.08	21.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	20.72	20.70	20.66	21.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	20.64	20.68	20.52	21.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	20.90	20.63	20.63	21.00
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	20.65	20.78	20.67	21.00
		1	135	20.66	20.63	20.55	21.00
		1	268	20.62	20.45	20.64	21.00
	DFT-s-OFDM BPSK	135	0	20.56	20.69	20.45	21.00
		135	68	20.69	20.75	20.66	21.00
		135	135	20.68	20.56	20.55	21.00
	DFT-s-OFDM BPSK	270	0	20.72	20.73	20.49	21.00
	DFT-s-OFDM QPSK	1	1	20.78	20.57	20.94	21.00
		1	135	20.68	20.49	20.83	21.00
		1	268	20.82	20.36	20.59	21.00
	DFT-s-OFDM QPSK	135	0	20.55	20.76	20.25	21.00
		135	68	20.81	20.74	20.94	21.00
		135	135	20.72	20.66	20.70	21.00
	DFT-s-OFDM QPSK	270	0	20.77	20.44	20.62	21.00
	DFT-s-OFDM 16QAM	1	1	20.74	20.74	20.76	21.00
	DFT-s-OFDM 64QAM	1	1	20.36	20.52	20.54	21.00
	DFT-s-OFDM 256QAM	1	1	20.74	20.64	20.78	21.00
	CP-OFDM QPSK	1	1	20.47	20.62	20.61	21.00
	CP-OFDM 16QAM	1	1	20.38	20.55	20.64	21.00
	CP-OFDM 64QAM	1	1	20.55	20.67	20.82	21.00
	CP-OFDM 256QAM	1	1	17.30	17.33	17.51	19.00

8.6.3 NR Band66 Output Power

N66-ANT1 Full power(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	25.32	25.46	25.25	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	25.04	25.08	25.23	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	24.65	24.62	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	24.45	24.47	24.56	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	25.19	25.13	25.44	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	24.66	24.67	24.65	25.50
		1	108	25.32	25.40	25.23	25.50
		1	214	24.77	24.67	24.58	25.50
	DFT-s-OFDM BPSK	108	0	24.45	24.60	24.59	25.50
		108	54	25.18	25.31	25.20	25.50
		108	108	24.58	24.55	24.46	25.50
	DFT-s-OFDM BPSK	216	0	24.33	24.25	24.36	24.50
	DFT-s-OFDM QPSK	1	1	24.68	24.62	24.60	25.50
		1	108	25.35	25.37	25.38	25.50
		1	214	24.73	24.78	24.76	25.50
	DFT-s-OFDM QPSK	108	0	24.55	24.67	24.54	25.50
		108	54	25.05	25.10	25.11	25.50
		108	108	24.73	24.53	24.35	25.50
	DFT-s-OFDM QPSK	216	0	24.39	24.35	24.16	24.50
	DFT-s-OFDM 16QAM	1	1	23.47	23.37	23.38	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.87	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.50	20.56	21.00
	CP-OFDM QPSK	1	1	23.01	23.16	22.97	24.00
	CP-OFDM 16QAM	1	1	23.11	22.95	23.00	23.50
	CP-OFDM 64QAM	1	1	21.05	21.22	21.13	22.00
	CP-OFDM 256QAM	1	1	18.22	18.06	17.94	19.00

N66-ANT1 DSI1&2(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	25.32	25.46	25.25	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	25.04	25.08	25.23	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	24.65	24.62	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	24.45	24.47	24.56	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	25.19	25.13	25.44	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	24.66	24.67	24.65	25.50
		1	108	25.32	25.40	25.23	25.50
		1	214	24.77	24.67	24.58	25.50
	DFT-s-OFDM BPSK	108	0	24.45	24.60	24.59	25.50
		108	54	25.18	25.31	25.20	25.50
		108	108	24.58	24.55	24.46	25.50
	DFT-s-OFDM BPSK	216	0	24.33	24.25	24.36	24.50
	DFT-s-OFDM QPSK	1	1	24.68	24.62	24.60	25.50
		1	108	25.35	25.37	25.38	25.50
		1	214	24.73	24.78	24.76	25.50
	DFT-s-OFDM QPSK	108	0	24.55	24.67	24.54	25.50
		108	54	25.05	25.10	25.11	25.50
		108	108	24.73	24.53	24.35	25.50
	DFT-s-OFDM QPSK	216	0	24.39	24.35	24.16	24.50
	DFT-s-OFDM 16QAM	1	1	23.47	23.37	23.38	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.87	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.50	20.56	21.00
	CP-OFDM QPSK	1	1	23.01	23.16	22.97	24.00
	CP-OFDM 16QAM	1	1	23.11	22.95	23.00	23.50
	CP-OFDM 64QAM	1	1	21.05	21.22	21.13	22.00
	CP-OFDM 256QAM	1	1	18.22	18.06	17.94	19.00

N66-ANT1 DSI3&4(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	20.42	20.39	20.60	21.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	20.54	20.74	20.29	21.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	20.45	20.79	20.69	21.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	20.69	20.43	20.36	21.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	20.69	20.65	20.33	21.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	20.47	20.66	20.55	21.50
		1	108	20.42	20.48	20.48	21.50
		1	214	20.36	20.65	20.45	21.50
	DFT-s-OFDM BPSK	108	0	20.55	20.59	20.49	21.50
		108	54	20.57	20.78	20.66	21.50
		108	108	20.56	20.68	20.68	21.50
	DFT-s-OFDM BPSK	216	0	20.86	20.60	20.47	21.50
	DFT-s-OFDM QPSK	1	1	21.30	21.32	21.34	21.50
		1	108	20.62	20.52	20.50	21.50
		1	214	20.89	20.71	20.78	21.50
	DFT-s-OFDM QPSK	108	0	21.12	21.21	21.15	21.50
		108	54	20.65	20.51	20.59	21.50
		108	108	20.61	20.59	20.71	21.50
	DFT-s-OFDM QPSK	216	0	21.42	21.15	21.09	21.50
	DFT-s-OFDM 16QAM	1	1	20.52	20.83	20.68	21.50
	DFT-s-OFDM 64QAM	1	1	20.66	20.77	20.66	21.50
	DFT-s-OFDM 256QAM	1	1	20.01	20.05	20.02	21.00
	CP-OFDM QPSK	1	1	20.75	20.67	20.39	21.50
	CP-OFDM 16QAM	1	1	20.77	20.52	20.78	21.50
	CP-OFDM 64QAM	1	1	21.09	21.16	21.01	21.50
	CP-OFDM 256QAM	1	1	18.11	18.05	18.03	19.00

N66-ANT4 Full power(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	24.12	24.16	24.44	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	24.14	23.83	23.82	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	23.53	23.73	23.67	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	23.84	23.68	23.68	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	24.10	23.84	24.09	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	24.25	24.27	24.21	25.50
		1	108	23.51	23.55	23.59	25.50
		1	214	23.66	23.50	23.61	25.50
	DFT-s-OFDM BPSK	108	0	23.59	23.62	23.78	25.50
		108	54	23.99	24.00	23.91	25.50
		108	108	23.75	23.77	23.59	25.50
	DFT-s-OFDM BPSK	216	0	23.64	23.56	23.58	24.50
	DFT-s-OFDM QPSK	1	1	23.85	23.61	23.75	25.50
		1	108	24.05	24.19	24.13	25.50
		1	214	23.85	23.77	23.59	25.50
	DFT-s-OFDM QPSK	108	0	23.74	23.56	23.67	25.50
		108	54	24.11	24.01	23.79	25.50
		108	108	23.92	23.64	23.85	25.50
	DFT-s-OFDM QPSK	216	0	23.74	23.66	23.43	24.50
	DFT-s-OFDM 16QAM	1	1	22.52	22.59	22.81	24.50
	DFT-s-OFDM 64QAM	1	1	21.05	21.15	21.06	23.00
	DFT-s-OFDM 256QAM	1	1	19.34	19.27	19.25	21.00
	CP-OFDM QPSK	1	1	22.10	22.01	22.14	24.00
	CP-OFDM 16QAM	1	1	21.84	21.78	21.65	23.50
	CP-OFDM 64QAM	1	1	20.35	20.05	20.20	22.00
	CP-OFDM 256QAM	1	1	17.26	17.32	17.00	19.00

N66-ANT4 DSI1(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	18.99	19.02	19.16	19.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	18.44	18.68	18.39	19.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	18.96	18.63	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	18.55	18.01	18.66	19.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	18.63	18.63	18.68	19.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	18.78	18.95	18.93	19.50
		1	108	18.58	18.86	18.78	19.50
		1	214	18.68	18.76	18.64	19.50
	DFT-s-OFDM BPSK	108	0	18.55	18.67	18.40	19.50
		108	54	18.62	18.87	18.59	19.50
		108	108	18.58	18.65	18.42	19.50
	DFT-s-OFDM BPSK	216	0	18.97	18.95	18.92	19.50
	DFT-s-OFDM QPSK	1	1	18.96	18.63	18.90	19.50
		1	108	18.96	18.73	18.91	19.50
		1	214	19.00	19.05	18.77	19.50
	DFT-s-OFDM QPSK	108	0	18.39	18.18	18.58	19.50
		108	54	18.66	18.51	18.95	19.50
		108	108	18.70	18.86	18.76	19.50
	DFT-s-OFDM QPSK	216	0	18.80	18.88	19.05	19.50
	DFT-s-OFDM 16QAM	1	1	18.66	18.80	18.84	19.50
	DFT-s-OFDM 64QAM	1	1	18.88	18.90	18.86	19.50
	DFT-s-OFDM 256QAM	1	1	19.24	19.32	19.41	19.50
	CP-OFDM QPSK	1	1	18.65	18.64	18.70	19.50
	CP-OFDM 16QAM	1	1	18.68	18.77	18.61	19.50
	CP-OFDM 64QAM	1	1	19.38	19.29	19.43	19.50
	CP-OFDM 256QAM	1	1	17.71	17.88	17.95	19.00

N66-ANT4 DSI2&3(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	23.21	22.98	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	23.04	23.20	23.16	24.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	23.16	22.96	23.15	24.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	22.85	22.99	22.88	24.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	23.02	22.83	23.05	24.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	23.10	23.22	23.20	24.50
		1	108	22.94	23.17	23.18	24.50
		1	214	23.09	22.94	22.92	24.50
	DFT-s-OFDM BPSK	108	0	23.00	22.99	22.90	24.50
		108	54	23.16	23.27	23.17	24.50
		108	108	23.13	23.18	22.90	24.50
	DFT-s-OFDM BPSK	216	0	23.07	23.18	23.05	24.50
	DFT-s-OFDM QPSK	1	1	22.97	23.19	23.12	24.50
		1	108	23.17	22.90	23.21	24.50
		1	214	22.90	22.85	22.95	24.50
	DFT-s-OFDM QPSK	108	0	23.20	23.20	22.95	24.50
		108	54	22.97	23.15	22.93	24.50
		108	108	22.82	22.88	23.09	24.50
	DFT-s-OFDM QPSK	216	0	22.67	22.78	22.79	24.50
	DFT-s-OFDM 16QAM	1	1	22.89	22.84	22.86	24.50
	DFT-s-OFDM 64QAM	1	1	21.11	21.07	21.02	23.00
	DFT-s-OFDM 256QAM	1	1	19.16	19.35	19.41	21.00
	CP-OFDM QPSK	1	1	22.07	22.05	22.12	24.00
	CP-OFDM 16QAM	1	1	21.87	21.68	21.50	23.50
	CP-OFDM 64QAM	1	1	20.34	20.33	20.35	22.00
	CP-OFDM 256QAM	1	1	17.21	17.22	17.21	19.00

N66-ANT4 DSI4(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	19.84	19.82	19.93	20.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	19.65	19.76	19.51	20.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	19.63	19.47	19.56	20.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	19.36	19.27	19.32	20.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	19.56	19.77	19.45	20.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	19.62	19.82	19.88	20.50
		1	108	19.58	19.65	19.82	20.50
		1	214	19.48	19.58	19.76	20.50
	DFT-s-OFDM BPSK	108	0	19.46	19.56	19.33	20.50
		108	54	19.74	19.87	19.65	20.50
		108	108	19.30	19.50	19.60	20.50
	DFT-s-OFDM BPSK	216	0	19.73	19.88	19.86	20.50
	DFT-s-OFDM QPSK	1	1	19.51	19.45	19.41	20.50
		1	108	19.84	19.52	19.78	20.50
		1	214	20.02	20.13	19.91	20.50
	DFT-s-OFDM QPSK	108	0	19.33	19.21	19.27	20.50
		108	54	19.64	19.72	19.73	20.50
		108	108	19.84	19.91	20.17	20.50
	DFT-s-OFDM QPSK	216	0	19.93	19.94	19.71	20.50
	DFT-s-OFDM 16QAM	1	1	19.72	19.76	19.92	20.50
	DFT-s-OFDM 64QAM	1	1	19.78	19.80	19.61	20.50
	DFT-s-OFDM 256QAM	1	1	19.63	19.73	19.84	20.50
	CP-OFDM QPSK	1	1	19.52	19.66	19.51	20.50
	CP-OFDM 16QAM	1	1	19.60	19.65	19.52	20.50
	CP-OFDM 64QAM	1	1	19.46	19.46	19.42	20.50
	CP-OFDM 256QAM	1	1	17.52	17.68	17.86	19.00

8.6.4 NR Band38 Output Power

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.58	24.35	24.30	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.32	24.49	24.16	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.20	24.41	24.27	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.99	24.09	24.10	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.32	24.53	24.28	25.50
		1	53	24.46	24.32	24.14	25.50
		1	104	24.36	24.37	24.41	25.50
	DFT-s-OFDM BPSK	50	0	24.22	24.20	24.13	25.50
		50	28	24.41	24.46	24.28	25.50
		50	56	24.17	24.32	24.09	25.50
	DFT-s-OFDM BPSK	100	0	23.74	23.77	23.97	24.50
	DFT-s-OFDM QPSK	1	1	24.31	24.40	24.44	25.50
		1	53	24.56	24.52	24.50	25.50
		1	104	24.27	24.38	24.28	25.50
	DFT-s-OFDM QPSK	50	0	24.07	24.10	24.30	25.50
		50	28	24.61	24.39	24.19	25.50
		50	56	24.24	24.32	23.96	25.50
	DFT-s-OFDM QPSK	100	0	23.79	23.95	23.79	24.50
	DFT-s-OFDM 16QAM	1	1	23.60	23.72	23.54	24.50
	DFT-s-OFDM 64QAM	1	1	22.35	22.32	22.31	23.00
	DFT-s-OFDM 256QAM	1	1	20.68	20.77	20.61	21.00
	CP-OFDM QPSK	1	1	23.47	23.56	23.42	24.00
	CP-OFDM 16QAM	1	1	21.95	22.15	22.09	23.50
	CP-OFDM 64QAM	1	1	21.81	21.63	21.49	22.00
	CP-OFDM 256QAM	1	1	18.15	18.28	18.12	19.00

N38-ANT1 DSI1&2(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.58	24.35	24.30	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.32	24.49	24.16	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.20	24.41	24.27	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.99	24.09	24.10	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.32	24.53	24.28	25.50
		1	53	24.46	24.32	24.14	25.50
		1	104	24.36	24.37	24.41	25.50
	DFT-s-OFDM BPSK	50	0	24.22	24.20	24.13	25.50
		50	28	24.41	24.46	24.28	25.50
		50	56	24.17	24.32	24.09	25.50
	DFT-s-OFDM BPSK	100	0	23.74	23.77	23.97	24.50
	DFT-s-OFDM QPSK	1	1	24.31	24.40	24.44	25.50
		1	53	24.56	24.52	24.50	25.50
		1	104	24.27	24.38	24.28	25.50
	DFT-s-OFDM QPSK	50	0	24.07	24.10	24.30	25.50
		50	28	24.61	24.39	24.19	25.50
		50	56	24.24	24.32	23.96	25.50
	DFT-s-OFDM QPSK	100	0	23.79	23.95	23.79	24.50
	DFT-s-OFDM 16QAM	1	1	23.60	23.72	23.54	24.50
	DFT-s-OFDM 64QAM	1	1	22.35	22.32	22.31	23.00
	DFT-s-OFDM 256QAM	1	1	20.68	20.77	20.61	21.00
	CP-OFDM QPSK	1	1	23.47	23.56	23.42	24.00
	CP-OFDM 16QAM	1	1	21.95	22.15	22.09	23.50
	CP-OFDM 64QAM	1	1	21.81	21.63	21.49	22.00
	CP-OFDM 256QAM	1	1	18.15	18.28	18.12	19.00

N38-ANT1 DSI3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	18.42	18.32	18.62	19.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	18.50	18.57	18.40	19.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.19	18.37	18.38	19.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	18.28	18.60	17.85	19.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.40	18.43	18.38	19.00
		1	53	18.34	18.44	18.25	19.00
		1	104	18.35	18.24	18.35	19.00
	DFT-s-OFDM BPSK	50	0	18.24	18.34	18.21	19.00
		50	28	18.36	18.46	18.45	19.00
		50	56	18.24	18.32	18.34	19.00
	DFT-s-OFDM BPSK	100	0	18.04	18.22	18.11	19.00
	DFT-s-OFDM QPSK	1	1	18.12	18.40	18.34	19.00
		1	53	18.21	18.37	18.40	19.00
		1	104	18.36	18.08	18.50	19.00
	DFT-s-OFDM QPSK	50	0	18.33	18.49	18.02	19.00
		50	28	18.43	18.18	18.50	19.00
		50	56	18.46	18.51	18.32	19.00
	DFT-s-OFDM QPSK	100	0	18.23	18.18	18.43	19.00
	DFT-s-OFDM 16QAM	1	1	18.45	18.36	18.53	19.00
	DFT-s-OFDM 64QAM	1	1	18.16	18.36	18.19	19.00
	DFT-s-OFDM 256QAM	1	1	18.54	18.36	18.53	19.00
	CP-OFDM QPSK	1	1	18.42	18.36	18.41	19.00
	CP-OFDM 16QAM	1	1	18.27	18.36	18.23	19.00
	CP-OFDM 64QAM	1	1	18.50	18.36	18.24	19.00
	CP-OFDM 256QAM	1	1	18.52	18.36	18.22	19.00

N38-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	23.73	23.89	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.65	23.72	23.54	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	23.50	23.85	23.64	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.90	23.82	23.87	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.89	24.09	24.06	25.50
		1	53	23.64	23.59	23.80	25.50
		1	104	23.81	23.62	23.99	25.50
	DFT-s-OFDM BPSK	50	0	23.59	23.92	23.78	25.50
		50	28	23.57	23.95	23.71	25.50
		50	56	23.81	23.79	23.66	25.50
	DFT-s-OFDM BPSK	100	0	23.48	23.50	23.30	24.50
	DFT-s-OFDM QPSK	1	1	24.03	23.55	24.06	25.50
		1	53	23.84	23.80	23.97	25.50
		1	104	23.75	23.78	24.19	25.50
	DFT-s-OFDM QPSK	50	0	24.14	23.75	23.79	25.50
		50	28	23.77	23.60	23.52	25.50
		50	56	23.96	23.78	23.70	25.50
	DFT-s-OFDM QPSK	100	0	23.66	23.63	23.13	24.50
	DFT-s-OFDM 16QAM	1	1	23.51	23.33	23.43	24.50
	DFT-s-OFDM 64QAM	1	1	21.60	21.55	21.37	23.00
	DFT-s-OFDM 256QAM	1	1	20.87	20.84	20.99	21.00
	CP-OFDM QPSK	1	1	22.99	22.86	22.73	24.00
	CP-OFDM 16QAM	1	1	22.30	22.12	21.97	23.50
	CP-OFDM 64QAM	1	1	21.64	21.55	21.61	22.00
	CP-OFDM 256QAM	1	1	18.27	18.33	18.17	19.00

N38-ANT4 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	17.77	17.75	17.87	18.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	17.71	17.84	17.80	18.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.01	18.03	17.96	18.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	17.76	17.87	17.70	18.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	17.85	17.77	18.04	18.50
		1	53	18.01	17.95	17.86	18.50
		1	104	17.88	17.74	17.85	18.50
	DFT-s-OFDM BPSK	50	0	17.93	17.72	17.73	18.50
		50	28	17.99	17.73	17.97	18.50
		50	56	17.71	17.71	18.06	18.50
	DFT-s-OFDM BPSK	100	0	18.04	17.72	17.88	18.50
	DFT-s-OFDM QPSK	1	1	17.86	17.97	18.05	18.50
		1	53	17.90	17.71	18.10	18.50
		1	104	17.71	17.96	18.01	18.50
	DFT-s-OFDM QPSK	50	0	17.72	17.71	18.08	18.50
		50	28	17.97	17.71	17.87	18.50
		50	56	17.78	17.92	17.80	18.50
	DFT-s-OFDM QPSK	100	0	17.97	17.83	17.96	18.50
	DFT-s-OFDM 16QAM	1	1	18.07	17.86	17.84	18.50
	DFT-s-OFDM 64QAM	1	1	17.71	17.91	17.90	18.50
	DFT-s-OFDM 256QAM	1	1	17.82	17.97	18.02	18.50
	CP-OFDM QPSK	1	1	17.71	17.90	17.94	18.50
	CP-OFDM 16QAM	1	1	17.79	17.92	17.94	18.50
	CP-OFDM 64QAM	1	1	17.91	17.79	17.81	18.50
	CP-OFDM 256QAM	1	1	17.93	17.72	17.89	18.50

N38-ANT4 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	23.73	23.89	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.65	23.72	23.54	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	23.50	23.85	23.64	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.90	23.82	23.87	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.06	23.89	24.09	25.50
		1	53	23.64	23.59	23.80	25.50
		1	104	23.81	23.62	23.99	25.50
	DFT-s-OFDM BPSK	50	0	23.95	23.92	23.78	25.50
		50	28	23.57	23.59	23.71	25.50
		50	56	23.81	23.79	23.66	25.50
	DFT-s-OFDM BPSK	100	0	23.48	23.50	23.30	24.50
	DFT-s-OFDM QPSK	1	1	24.03	23.55	24.06	25.50
		1	53	23.84	23.80	23.97	25.50
		1	104	23.75	23.78	24.19	25.50
	DFT-s-OFDM QPSK	50	0	24.14	23.75	23.79	25.50
		50	28	23.77	23.60	23.52	25.50
		50	56	23.96	23.78	23.70	25.50
	DFT-s-OFDM QPSK	100	0	23.66	23.63	23.13	24.50
	DFT-s-OFDM 16QAM	1	1	23.51	23.33	23.43	24.50
	DFT-s-OFDM 64QAM	1	1	21.60	21.55	21.37	23.00
	DFT-s-OFDM 256QAM	1	1	20.87	20.84	20.99	21.00
	CP-OFDM QPSK	1	1	22.99	22.86	22.73	24.00
	CP-OFDM 16QAM	1	1	22.30	22.12	21.97	23.50
	CP-OFDM 64QAM	1	1	21.64	21.55	21.61	22.00
	CP-OFDM 256QAM	1	1	18.27	18.33	18.17	19.00

N38-ANT4 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	21.13	20.79	20.91	21.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	21.02	20.79	20.95	21.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	21.05	21.15	21.14	21.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	21.16	21.49	21.30	21.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	21.20	21.25	21.21	21.50
		1	53	21.18	21.13	21.24	21.50
		1	104	21.13	21.18	21.25	21.50
	DFT-s-OFDM BPSK	50	0	21.11	21.12	21.29	21.50
		50	28	21.20	21.34	21.30	21.50
		50	56	21.18	21.22	21.23	21.50
	DFT-s-OFDM BPSK	100	0	21.10	21.29	21.11	21.50
	DFT-s-OFDM QPSK	1	1	21.17	21.01	21.06	21.50
		1	53	21.35	21.22	21.30	21.50
		1	104	20.99	21.16	21.35	21.50
	DFT-s-OFDM QPSK	50	0	20.96	21.31	21.17	21.50
		50	28	21.24	21.18	21.15	21.50
		50	56	21.10	21.12	21.23	21.50
	DFT-s-OFDM QPSK	100	0	21.05	21.14	21.22	21.50
	DFT-s-OFDM 16QAM	1	1	20.92	21.01	21.17	21.50
	DFT-s-OFDM 64QAM	1	1	20.95	21.09	21.20	21.50
	DFT-s-OFDM 256QAM	1	1	20.45	20.28	20.30	21.00
	CP-OFDM QPSK	1	1	21.21	21.28	21.23	21.50
	CP-OFDM 16QAM	1	1	21.14	21.12	21.21	21.50
	CP-OFDM 64QAM	1	1	20.86	21.05	20.88	21.50
	CP-OFDM 256QAM	1	1	18.41	18.32	18.12	19.00

N38-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	23.44	23.41	23.04	25.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.30	23.13	23.59	25.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	23.09	23.13	23.52	25.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.41	23.50	23.69	25.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.25	23.42	23.16	25.00
		1	53	23.05	23.11	23.24	25.00
		1	104	23.08	23.19	23.11	25.00
	DFT-s-OFDM BPSK	50	0	23.42	23.53	23.47	25.00
		50	28	23.42	23.54	23.01	25.00
		50	56	23.53	23.14	23.52	25.00
	DFT-s-OFDM BPSK	100	0	22.88	22.89	22.95	24.00
	DFT-s-OFDM QPSK	1	1	23.11	23.08	23.35	25.00
		1	53	23.89	23.04	23.05	25.00
		1	104	23.07	23.05	23.28	25.00
	DFT-s-OFDM QPSK	50	0	23.26	23.49	23.52	25.00
		50	28	23.12	23.14	23.48	25.00
		50	56	23.45	23.25	23.02	25.00
	DFT-s-OFDM QPSK	100	0	22.83	22.71	22.99	24.00
	DFT-s-OFDM 16QAM	1	1	22.77	22.83	22.78	24.00
	DFT-s-OFDM 64QAM	1	1	20.97	20.82	21.02	22.50
	DFT-s-OFDM 256QAM	1	1	20.37	20.27	20.24	20.50
	CP-OFDM QPSK	1	1	21.70	21.63	21.74	23.50
	CP-OFDM 16QAM	1	1	21.48	21.08	21.05	23.00
	CP-OFDM 64QAM	1	1	21.21	21.02	21.11	21.50
	CP-OFDM 256QAM	1	1	18.19	18.13	18.04	18.50

N38-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	20.26	20.17	20.33	22.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	20.22	20.15	20.37	22.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	20.22	20.53	20.67	22.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	20.43	20.82	20.79	22.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	20.54	20.55	20.52	22.00
		1	53	20.35	20.41	20.43	22.00
		1	104	20.38	20.49	20.41	22.00
	DFT-s-OFDM BPSK	50	0	20.51	20.53	20.41	22.00
		50	28	20.58	20.63	20.45	22.00
		50	56	20.24	20.44	20.22	22.00
	DFT-s-OFDM BPSK	100	0	20.18	20.19	20.18	22.00
	DFT-s-OFDM QPSK	1	1	20.41	20.38	20.65	22.00
		1	53	21.19	20.34	20.35	22.00
		1	104	20.37	20.35	20.58	22.00
	DFT-s-OFDM QPSK	50	0	20.56	20.79	20.82	22.00
		50	28	20.42	20.44	20.18	22.00
		50	56	20.15	20.55	20.32	22.00
	DFT-s-OFDM QPSK	100	0	20.13	20.01	20.29	22.00
	DFT-s-OFDM 16QAM	1	1	20.07	20.13	20.08	22.00
	DFT-s-OFDM 64QAM	1	1	20.27	20.12	20.32	22.00
	DFT-s-OFDM 256QAM	1	1	19.67	19.57	19.54	20.50
	CP-OFDM QPSK	1	1	20.40	20.33	20.44	22.00
	CP-OFDM 16QAM	1	1	20.18	20.38	20.35	22.00
	CP-OFDM 64QAM	1	1	20.51	20.32	20.41	21.50
	CP-OFDM 256QAM	1	1	17.49	17.43	17.34	18.50

N38-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.63	23.03	22.96	24.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.00	23.04	23.12	24.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.91	23.11	23.49	24.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.35	23.33	23.47	24.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.25	23.42	23.24	24.50
		1	53	23.05	23.11	23.16	24.50
		1	104	23.08	23.19	23.11	24.50
	DFT-s-OFDM BPSK	50	0	22.82	23.47	22.93	24.50
		50	28	23.42	23.53	23.01	24.50
		50	56	22.94	23.14	22.92	24.50
	DFT-s-OFDM BPSK	100	0	22.88	22.89	22.95	24.00
	DFT-s-OFDM QPSK	1	1	23.11	23.08	23.35	24.50
		1	53	23.89	23.04	23.05	24.50
		1	104	23.07	23.05	23.28	24.50
	DFT-s-OFDM QPSK	50	0	23.26	23.49	23.52	24.50
		50	28	23.12	23.14	22.88	24.50
		50	56	22.85	23.25	23.02	24.50
	DFT-s-OFDM QPSK	100	0	22.83	22.71	22.99	24.00
	DFT-s-OFDM 16QAM	1	1	22.77	22.83	22.78	24.00
	DFT-s-OFDM 64QAM	1	1	20.97	20.82	21.02	22.50
	DFT-s-OFDM 256QAM	1	1	20.37	20.27	20.24	20.50
	CP-OFDM QPSK	1	1	21.70	21.63	21.74	23.50
	CP-OFDM 16QAM	1	1	21.48	21.08	21.05	23.00
	CP-OFDM 64QAM	1	1	21.21	21.02	21.11	21.50
	CP-OFDM 256QAM	1	1	18.19	18.13	18.04	18.50

N38-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.61	19.68	19.49	20.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.71	19.68	19.54	20.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.80	19.73	19.06	20.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.55	19.86	19.59	20.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.98	20.14	19.78	20.50
		1	53	19.81	19.87	19.64	20.50
		1	104	20.12	20.14	19.63	20.50
	DFT-s-OFDM BPSK	50	0	19.95	20.04	20.14	20.50
		50	28	20.06	20.22	20.08	20.50
		50	56	19.84	19.76	20.19	20.50
	DFT-s-OFDM BPSK	100	0	20.10	20.40	20.04	20.50
	DFT-s-OFDM QPSK	1	1	19.63	19.89	19.65	20.50
		1	53	20.24	20.18	19.79	20.50
		1	104	19.86	19.81	19.79	20.50
	DFT-s-OFDM QPSK	50	0	20.17	20.13	19.84	20.50
		50	28	19.87	20.29	19.79	20.50
		50	56	20.05	19.79	20.15	20.50
	DFT-s-OFDM QPSK	100	0	19.03	19.37	19.38	20.50
	DFT-s-OFDM 16QAM	1	1	20.08	20.14	19.78	20.50
	DFT-s-OFDM 64QAM	1	1	20.02	20.15	19.98	20.50
	DFT-s-OFDM 256QAM	1	1	19.11	19.65	19.28	20.50
	CP-OFDM QPSK	1	1	20.27	19.80	19.82	20.50
	CP-OFDM 16QAM	1	1	19.68	19.98	20.00	20.50
	CP-OFDM 64QAM	1	1	19.78	19.98	20.03	20.50
	CP-OFDM 256QAM	1	1	17.38	17.40	17.52	18.50

N38-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	21.43	21.58	21.38	23.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	21.54	21.65	21.55	23.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	21.76	21.72	21.73	23.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	21.28	21.39	21.17	23.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	21.60	21.65	21.80	23.00
		1	53	21.42	21.52	21.33	23.00
		1	104	22.17	21.97	22.36	23.00
	DFT-s-OFDM BPSK	50	0	21.33	21.20	21.45	23.00
		50	28	21.51	21.62	21.40	23.00
		50	56	21.52	21.56	21.32	23.00
	DFT-s-OFDM BPSK	100	0	21.24	21.30	21.21	22.00
	DFT-s-OFDM QPSK	1	1	21.65	21.57	21.78	23.00
		1	53	21.31	21.35	21.25	23.00
		1	104	22.01	22.12	22.19	23.00
	DFT-s-OFDM QPSK	50	0	21.48	21.29	21.26	23.00
		50	28	21.39	21.20	21.25	23.00
		50	56	21.60	21.53	21.50	23.00
	DFT-s-OFDM QPSK	100	0	20.61	20.93	20.64	22.00
	DFT-s-OFDM 16QAM	1	1	20.44	20.55	20.37	22.00
	DFT-s-OFDM 64QAM	1	1	19.54	19.45	19.53	20.50
	DFT-s-OFDM 256QAM	1	1	17.89	18.00	18.15	18.50
	CP-OFDM QPSK	1	1	19.53	19.51	19.56	21.50
	CP-OFDM 16QAM	1	1	19.55	19.69	19.74	21.00
	CP-OFDM 64QAM	1	1	18.09	18.28	18.15	19.50
	CP-OFDM 256QAM	1	1	15.74	15.73	15.77	16.50

N38-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.61	19.65	19.64	21.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.68	19.79	19.70	21.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.47	19.55	19.70	21.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.42	19.01	19.64	21.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	20.17	20.07	20.46	21.00
		1	53	19.42	19.02	19.33	21.00
		1	104	19.56	19.75	19.90	21.00
	DFT-s-OFDM BPSK	50	0	19.43	19.30	19.55	21.00
		50	28	19.61	19.72	19.50	21.00
		50	56	19.62	19.66	19.42	21.00
	DFT-s-OFDM BPSK	100	0	19.50	19.40	19.31	21.00
	DFT-s-OFDM QPSK	1	1	19.54	19.67	19.87	21.00
		1	53	19.26	19.45	19.16	21.00
		1	104	20.07	20.12	20.31	21.00
	DFT-s-OFDM QPSK	50	0	19.31	19.18	19.71	21.00
		50	28	19.60	19.30	19.60	21.00
		50	56	19.66	19.63	19.61	21.00
	DFT-s-OFDM QPSK	100	0	19.53	19.63	19.51	21.00
	DFT-s-OFDM 16QAM	1	1	19.08	19.25	19.41	21.00
	DFT-s-OFDM 64QAM	1	1	19.62	19.45	19.36	20.50
	DFT-s-OFDM 256QAM	1	1	18.16	18.00	18.06	18.50
	CP-OFDM QPSK	1	1	19.68	19.51	19.44	21.00
	CP-OFDM 16QAM	1	1	19.66	19.69	19.49	21.00
	CP-OFDM 64QAM	1	1	18.10	18.28	18.18	19.50
	CP-OFDM 256QAM	1	1	15.28	15.29	15.26	16.50

N38-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	18.05	18.04	17.85	19.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	18.15	18.14	17.87	19.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.39	18.00	18.48	19.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	18.06	18.17	18.13	19.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.77	18.57	18.76	19.00
		1	53	17.42	17.52	17.33	19.00
		1	104	18.20	18.25	18.40	19.00
	DFT-s-OFDM BPSK	50	0	17.93	17.80	18.05	19.00
		50	28	18.11	18.22	18.00	19.00
		50	56	18.12	18.16	17.92	19.00
	DFT-s-OFDM BPSK	100	0	18.09	17.90	18.05	19.00
	DFT-s-OFDM QPSK	1	1	18.40	18.17	18.38	19.00
		1	53	17.38	17.95	17.49	19.00
		1	104	18.94	18.74	18.86	19.00
	DFT-s-OFDM QPSK	50	0	18.10	17.99	18.16	19.00
		50	28	18.13	17.80	18.11	19.00
		50	56	18.25	18.13	17.80	19.00
	DFT-s-OFDM QPSK	100	0	18.12	18.13	18.21	19.00
	DFT-s-OFDM 16QAM	1	1	17.68	17.75	17.83	19.00
	DFT-s-OFDM 64QAM	1	1	17.83	17.95	17.78	19.00
	DFT-s-OFDM 256QAM	1	1	18.13	18.00	17.99	18.50
	CP-OFDM QPSK	1	1	18.09	18.01	18.00	19.00
	CP-OFDM 16QAM	1	1	18.33	18.19	18.26	19.00
	CP-OFDM 64QAM	1	1	18.32	18.28	18.08	19.00
	CP-OFDM 256QAM	1	1	15.87	15.73	15.67	16.50

8.6.5 NR Band38 Output Power

N41-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	25.10	24.92	25.02	25.25	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	24.50	24.77	24.28	24.26	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.38	24.55	24.12	24.47	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.30	24.41	24.23	24.29	24.53	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.48	24.42	24.45	24.22	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.59	24.64	24.12	24.43	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.57	24.45	24.50	24.30	24.28	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	24.32	24.66	24.25	24.13	24.36	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	24.45	24.52	24.64	24.41	24.64	25.50
		1	137	24.38	24.49	24.47	24.49	24.19	25.50
		1	271	24.32	24.39	24.35	24.39	24.13	25.50
	DFT-s-OFDM BPSK	135	0	25.12	24.98	25.11	24.35	25.00	25.50
		135	69	24.34	24.42	25.24	24.47	24.47	25.50
		135	138	24.34	24.29	24.36	24.37	24.40	25.50
	DFT-s-OFDM BPSK	270	0	23.28	23.29	23.39	23.35	24.18	24.50
	DFT-s-OFDM QPSK	1	1	24.43	24.59	24.32	24.28	24.47	25.50
		1	137	24.43	24.32	24.46	24.40	24.27	25.50
		1	271	24.23	24.34	24.28	24.57	24.07	25.50
	DFT-s-OFDM QPSK	135	0	25.30	24.83	25.09	25.36	24.97	25.50
		135	69	24.51	24.44	24.37	24.52	24.43	25.50
		135	138	24.28	24.40	24.38	24.56	24.51	25.50
	DFT-s-OFDM QPSK	270	0	23.13	23.37	23.34	23.19	24.29	24.50
	DFT-s-OFDM 16QAM	1	1	23.76	23.69	23.62	23.94	23.78	24.50
	DFT-s-OFDM 64QAM	1	1	22.41	22.28	22.38	22.20	22.32	23.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.36	20.22	20.32	20.34	21.00
	CP-OFDM QPSK	1	1	23.01	23.27	23.16	23.15	23.34	24.00
	CP-OFDM 16QAM	1	1	23.23	23.14	23.21	23.22	23.41	23.50
	CP-OFDM 64QAM	1	1	21.08	20.89	21.09	21.14	21.25	22.00
	CP-OFDM 256QAM	1	1	18.25	18.29	18.21	18.19	18.01	19.00

N41-ANT1 DSI1&2(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	25.10	24.92	25.02	25.25	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	24.50	24.77	24.28	24.26	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.38	24.55	24.12	24.47	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.30	24.41	24.23	24.29	24.53	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.48	24.42	24.45	24.22	24.51	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.59	24.64	24.12	24.43	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.57	24.45	24.50	24.30	24.28	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	24.32	24.66	24.25	24.13	24.36	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	24.45	24.52	24.64	24.41	24.64	25.50
		1	137	24.38	24.49	24.47	24.49	24.19	25.50
		1	271	24.32	24.39	24.35	24.39	24.13	25.50
	DFT-s-OFDM BPSK	135	0	25.12	24.98	25.11	24.35	25.00	25.50
		135	69	24.34	24.42	25.24	24.47	24.47	25.50
		135	138	24.34	24.29	24.36	24.37	24.40	25.50
	DFT-s-OFDM BPSK	270	0	23.28	23.29	23.39	23.35	24.18	24.50
	DFT-s-OFDM QPSK	1	1	24.43	24.59	24.32	24.28	24.47	25.50
		1	137	24.43	24.32	24.46	24.40	24.27	25.50
		1	271	24.23	24.34	24.28	24.57	24.07	25.50
	DFT-s-OFDM QPSK	135	0	25.30	24.83	25.09	25.36	24.97	25.50
		135	69	24.51	24.44	24.37	24.52	24.43	25.50
		135	138	24.28	24.40	24.38	24.56	24.51	25.50
	DFT-s-OFDM QPSK	270	0	23.13	23.37	23.34	23.19	24.29	24.50
	DFT-s-OFDM 16QAM	1	1	23.76	23.69	23.62	23.94	23.78	24.50
	DFT-s-OFDM 64QAM	1	1	22.41	22.28	22.38	22.20	22.32	23.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.36	20.22	20.32	20.34	21.00
	CP-OFDM QPSK	1	1	23.01	23.27	23.16	23.15	23.34	24.00
	CP-OFDM 16QAM	1	1	23.23	23.14	23.21	23.22	23.41	23.50
	CP-OFDM 64QAM	1	1	21.08	20.89	21.09	21.14	21.25	22.00
	CP-OFDM 256QAM	1	1	18.25	18.29	18.21	18.19	18.01	19.00

N41-ANT1 DSI3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.24	18.66	18.10	18.17	18.15	19.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.32	18.47	18.54	18.40	18.36	19.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.35	18.59	18.56	18.54	18.37	19.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.24	18.32	18.38	18.51	18.22	19.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.51	18.46	18.50	18.55	18.24	19.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.34	18.51	18.48	18.70	18.51	19.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.40	18.57	18.57	18.70	18.24	19.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.16	18.39	18.47	18.42	18.50	19.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.38	18.34	18.48	18.45	18.22	19.00
		1	137	18.39	18.29	18.35	18.21	18.23	19.00
		1	271	18.44	18.43	18.41	18.43	18.54	19.00
	DFT-s-OFDM BPSK	135	0	18.32	18.51	18.37	18.33	18.21	19.00
		135	69	18.32	18.17	18.43	18.20	18.19	19.00
		135	138	18.33	18.25	18.25	18.29	18.27	19.00
	DFT-s-OFDM BPSK	270	0	18.28	18.11	18.29	18.10	18.09	19.00
	DFT-s-OFDM QPSK	1	1	18.34	18.52	18.38	18.54	18.40	19.00
		1	137	18.30	18.49	18.38	18.34	18.12	19.00
		1	271	18.43	18.54	18.49	18.45	18.59	19.00
	DFT-s-OFDM QPSK	135	0	18.38	18.46	18.26	18.34	18.07	19.00
		135	69	18.45	18.13	18.05	18.27	18.32	19.00
		135	138	18.33	18.14	18.28	18.49	18.36	19.00
	DFT-s-OFDM QPSK	270	0	18.19	18.51	18.06	18.25	18.10	19.00
	DFT-s-OFDM 16QAM	1	1	18.10	18.19	18.08	18.08	17.91	19.00
	DFT-s-OFDM 64QAM	1	1	18.07	18.33	18.16	18.31	18.04	19.00
	DFT-s-OFDM 256QAM	1	1	18.33	18.15	18.18	17.98	18.08	19.00
	CP-OFDM QPSK	1	1	18.22	18.36	18.37	18.45	18.50	19.00
	CP-OFDM 16QAM	1	1	18.31	18.05	18.23	18.40	18.33	19.00
	CP-OFDM 64QAM	1	1	18.43	18.33	18.45	18.63	18.31	19.00
	CP-OFDM 256QAM	1	1	18.41	18.39	18.32	18.44	18.26	19.00

N41-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.54	23.90	23.90	23.96	23.99	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.86	23.71	23.70	23.83	23.72	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.00	23.83	23.88	23.80	23.97	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.15	24.04	23.77	23.80	23.96	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.06	23.99	23.84	23.85	23.75	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.03	23.74	23.70	23.71	23.73	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.19	23.91	23.70	23.77	23.77	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.90	23.92	23.83	23.76	23.89	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.83	23.90	24.05	23.76	23.75	25.50
		1	137	23.78	23.64	23.93	23.98	23.72	25.50
		1	271	23.72	23.60	23.88	23.97	23.98	25.50
	DFT-s-OFDM BPSK	135	0	23.55	23.65	23.95	23.66	23.53	25.50
		135	69	23.78	23.95	23.74	23.77	23.58	25.50
		135	138	23.68	23.81	23.59	23.60	23.71	25.50
	DFT-s-OFDM BPSK	270	0	23.25	23.23	23.35	23.08	23.06	24.50
	DFT-s-OFDM QPSK	1	1	24.01	23.85	23.79	23.87	23.83	25.50
		1	137	23.69	23.64	24.11	23.99	23.64	25.50
		1	271	23.98	23.65	23.98	24.06	23.55	25.50
	DFT-s-OFDM QPSK	135	0	23.74	23.77	24.00	23.80	23.99	25.50
		135	69	23.64	23.77	23.80	23.81	23.52	25.50
		135	138	23.52	23.93	23.61	23.52	23.59	25.50
	DFT-s-OFDM QPSK	270	0	23.27	23.29	23.43	22.91	23.18	24.50
	DFT-s-OFDM 16QAM	1	1	23.45	23.41	23.32	23.33	23.21	24.50
	DFT-s-OFDM 64QAM	1	1	22.03	22.09	22.12	22.21	21.92	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.52	20.55	20.40	20.63	21.00
	CP-OFDM QPSK	1	1	22.50	22.44	22.38	22.54	22.30	24.00
	CP-OFDM 16QAM	1	1	22.15	21.98	22.05	22.14	21.99	23.50
	CP-OFDM 64QAM	1	1	20.92	21.30	21.12	20.95	21.27	22.00
	CP-OFDM 256QAM	1	1	17.99	17.81	17.99	17.99	18.04	19.00

N41-ANT4 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	16.77	17.10	16.93	16.71	16.75	17.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	17.08	17.02	16.85	16.75	16.90	17.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	16.95	16.86	16.73	16.73	16.81	17.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	17.06	16.73	17.09	16.79	17.07	17.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	17.07	16.95	16.82	16.81	17.00	17.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	16.97	16.93	16.79	16.74	17.00	17.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	16.94	16.82	17.03	16.71	16.85	17.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	16.99	17.08	16.80	17.07	16.71	17.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.75	16.80	16.96	16.87	16.88	17.50
		1	137	17.09	17.02	16.72	17.03	16.80	17.50
		1	271	16.91	16.88	16.76	16.79	16.99	17.50
	DFT-s-OFDM BPSK	135	0	16.87	17.01	16.76	16.70	16.81	17.50
		135	69	16.94	16.79	17.01	16.81	16.72	17.50
		135	138	17.10	16.79	17.10	17.03	16.80	17.50
	DFT-s-OFDM BPSK	270	0	16.80	16.93	16.77	17.03	16.94	17.50
	DFT-s-OFDM QPSK	1	1	16.84	16.99	16.90	16.80	16.92	17.50
		1	137	16.78	16.97	16.90	16.93	16.82	17.50
		1	271	16.97	17.08	16.71	16.70	16.95	17.50
	DFT-s-OFDM QPSK	135	0	17.07	16.88	16.74	16.92	16.70	17.50
		135	69	17.10	16.74	16.83	16.78	16.92	17.50
		135	138	16.74	17.05	16.93	16.86	17.02	17.50
	DFT-s-OFDM QPSK	270	0	17.10	16.87	17.08	16.90	17.09	17.50
	DFT-s-OFDM 16QAM	1	1	17.07	16.79	17.10	16.74	16.86	17.50
	DFT-s-OFDM 64QAM	1	1	17.00	16.89	17.02	16.70	16.85	17.50
	DFT-s-OFDM 256QAM	1	1	17.02	16.86	17.07	16.83	17.08	17.50
	CP-OFDM QPSK	1	1	16.86	16.92	17.02	16.99	17.09	17.50
	CP-OFDM 16QAM	1	1	17.01	16.87	16.90	16.84	16.83	17.50
	CP-OFDM 64QAM	1	1	16.98	16.90	16.97	16.72	16.76	17.50
	CP-OFDM 256QAM	1	1	16.85	17.00	17.04	17.10	17.03	17.50

N41-ANT4 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.54	23.90	23.90	23.96	23.99	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.86	23.71	23.70	23.83	23.72	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.00	23.83	23.88	23.80	23.97	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.15	24.04	23.77	23.80	23.96	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.06	23.99	23.84	23.85	23.75	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.03	23.74	23.70	23.71	23.73	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.19	23.91	23.70	23.77	23.77	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.90	23.92	23.83	23.76	23.89	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.83	23.90	24.05	23.76	23.75	25.50
		1	137	23.78	23.64	23.93	23.98	23.72	25.50
		1	271	23.72	23.60	23.88	23.97	23.98	25.50
	DFT-s-OFDM BPSK	135	0	23.55	23.65	23.95	23.66	23.53	25.50
		135	69	23.78	23.95	23.74	23.77	23.58	25.50
		135	138	23.68	23.81	23.59	23.60	23.71	25.50
	DFT-s-OFDM BPSK	270	0	23.25	23.23	23.35	23.08	23.06	24.50
	DFT-s-OFDM QPSK	1	1	24.01	23.85	23.79	23.87	23.83	25.50
		1	137	23.69	23.64	24.11	23.99	23.64	25.50
		1	271	23.98	23.65	23.98	24.06	23.55	25.50
	DFT-s-OFDM QPSK	135	0	23.74	23.77	24.00	23.80	23.99	25.50
		135	69	23.64	23.77	23.80	23.81	23.52	25.50
		135	138	23.52	23.93	23.61	23.52	23.59	25.50
	DFT-s-OFDM QPSK	270	0	23.27	23.29	23.43	22.91	23.18	24.50
	DFT-s-OFDM 16QAM	1	1	23.45	23.41	23.32	23.33	23.21	24.50
	DFT-s-OFDM 64QAM	1	1	22.03	22.09	22.12	22.21	21.92	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.52	20.55	20.40	20.63	21.00
	CP-OFDM QPSK	1	1	22.50	22.44	22.38	22.54	22.30	24.00
	CP-OFDM 16QAM	1	1	22.15	21.98	22.05	22.14	21.99	23.50
	CP-OFDM 64QAM	1	1	20.92	21.30	21.12	20.95	21.27	22.00
	CP-OFDM 256QAM	1	1	17.99	17.81	17.99	17.99	18.04	19.00

N41-ANT4 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.15	18.88	19.10	18.86	19.17	19.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.91	18.93	19.19	18.88	19.04	19.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.79	19.16	19.28	18.84	18.89	19.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.02	18.86	19.10	19.04	18.89	19.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.05	18.99	19.21	19.16	19.01	19.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.89	18.96	19.10	19.23	18.97	19.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.04	19.17	19.33	19.11	19.23	19.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.76	18.97	19.30	19.16	19.11	19.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.79	18.91	19.08	19.13	19.24	19.50
		1	137	18.80	18.97	19.15	19.02	18.79	19.50
		1	271	18.79	18.98	18.89	18.86	18.86	19.50
	DFT-s-OFDM BPSK	135	0	18.88	19.05	19.08	18.85	19.26	19.50
		135	69	19.01	19.01	18.69	19.02	19.11	19.50
		135	138	18.66	18.94	18.77	18.59	19.07	19.50
	DFT-s-OFDM BPSK	270	0	18.74	18.97	19.23	18.96	19.24	19.50
	DFT-s-OFDM QPSK	1	1	19.06	18.71	19.01	18.57	19.03	19.50
		1	137	19.30	19.00	19.05	19.40	18.82	19.50
		1	271	18.81	18.93	19.15	19.07	18.84	19.50
	DFT-s-OFDM QPSK	135	0	19.11	18.90	19.05	19.02	19.15	19.50
		135	69	18.94	18.69	18.84	18.95	18.92	19.50
		135	138	18.70	18.88	18.73	18.72	18.81	19.50
	DFT-s-OFDM QPSK	270	0	19.21	19.21	18.68	18.97	19.23	19.50
	DFT-s-OFDM 16QAM	1	1	18.61	19.07	18.84	18.85	18.98	19.50
	DFT-s-OFDM 64QAM	1	1	18.88	18.99	18.81	18.86	18.95	19.50
	DFT-s-OFDM 256QAM	1	1	18.78	18.76	18.78	18.56	19.02	19.50
	CP-OFDM QPSK	1	1	18.90	19.11	18.89	19.00	19.00	19.50
	CP-OFDM 16QAM	1	1	19.13	18.79	18.88	19.18	18.78	19.50
	CP-OFDM 64QAM	1	1	18.71	18.96	19.06	18.85	18.98	19.50
	CP-OFDM 256QAM	1	1	17.77	17.82	17.85	17.89	17.74	19.00

N41-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.41	23.29	23.57	23.46	23.54	25.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.51	23.50	23.37	23.51	23.53	25.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.37	23.40	23.12	23.55	23.39	25.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.10	23.10	23.36	23.10	23.32	25.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.09	23.57	23.17	23.16	23.22	25.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.55	23.08	23.14	23.55	23.17	25.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.59	23.04	23.34	23.00	23.16	25.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.07	23.00	23.30	23.54	23.27	25.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.48	23.48	23.64	23.51	23.33	25.00
		1	137	23.15	23.22	23.27	23.27	23.16	25.00
		1	271	23.38	23.55	23.31	23.49	23.43	25.00
	DFT-s-OFDM BPSK	135	0	23.43	23.32	23.45	23.29	23.59	25.00
		135	69	23.60	23.56	23.62	23.57	23.43	25.00
		135	138	23.44	23.36	23.64	23.48	23.38	25.00
	DFT-s-OFDM BPSK	270	0	23.14	23.15	23.17	23.18	23.16	24.00
	DFT-s-OFDM QPSK	1	1	23.53	23.59	23.26	23.67	23.34	25.00
		1	137	23.29	23.26	23.11	23.34	23.20	25.00
		1	271	23.52	23.73	23.19	23.44	23.50	25.00
	DFT-s-OFDM QPSK	135	0	23.37	23.27	23.38	23.40	23.45	25.00
		135	69	23.50	23.60	23.59	23.74	23.56	25.00
		135	138	23.46	23.35	23.84	23.37	23.58	25.00
	DFT-s-OFDM QPSK	270	0	22.67	22.63	22.66	22.68	22.69	24.00
	DFT-s-OFDM 16QAM	1	1	22.50	22.75	22.63	22.67	22.59	24.00
	DFT-s-OFDM 64QAM	1	1	20.77	20.85	20.80	20.72	20.75	22.50
	DFT-s-OFDM 256QAM	1	1	20.14	20.13	20.31	20.32	20.30	20.50
	CP-OFDM QPSK	1	1	22.52	22.61	22.51	22.62	22.71	23.50
	CP-OFDM 16QAM	1	1	22.58	22.55	22.71	22.56	22.63	23.00
	CP-OFDM 64QAM	1	1	20.60	20.61	20.56	20.56	20.45	21.50
	CP-OFDM 256QAM	1	1	18.19	18.23	18.25	18.06	18.34	18.50

N41-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	20.59	20.58	20.96	20.84	20.81	22.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.94	20.80	20.77	21.04	20.73	22.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	21.09	21.19	20.67	21.24	20.76	22.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.87	20.88	20.54	20.98	20.83	22.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.97	21.01	20.57	21.07	20.58	22.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	20.86	20.85	20.55	21.08	20.59	22.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	21.01	20.91	20.67	20.95	20.70	22.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.82	20.82	20.76	21.25	20.84	22.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.88	20.95	20.91	21.04	20.83	22.00
		1	137	20.55	20.62	20.67	20.67	20.56	22.00
		1	271	20.78	20.80	20.71	20.89	20.73	22.00
	DFT-s-OFDM BPSK	135	0	20.83	20.72	20.85	20.69	20.99	22.00
		135	69	21.00	20.96	20.97	21.04	20.83	22.00
		135	138	20.84	20.76	20.88	20.88	20.78	22.00
	DFT-s-OFDM BPSK	270	0	20.54	20.55	20.57	20.68	20.56	22.00
	DFT-s-OFDM QPSK	1	1	20.93	20.99	20.66	21.07	20.74	22.00
		1	137	20.69	20.66	20.51	20.74	20.60	22.00
		1	271	20.92	21.13	20.59	20.84	20.90	22.00
	DFT-s-OFDM QPSK	135	0	20.77	20.67	20.78	20.80	20.85	22.00
		135	69	20.90	21.00	20.99	21.14	20.96	22.00
		135	138	20.86	20.75	21.24	20.77	20.98	22.00
	DFT-s-OFDM QPSK	270	0	20.67	20.63	20.66	20.68	20.69	22.00
	DFT-s-OFDM 16QAM	1	1	20.50	20.75	20.63	20.67	20.59	22.00
	DFT-s-OFDM 64QAM	1	1	20.77	20.85	20.80	20.72	20.75	22.00
	DFT-s-OFDM 256QAM	1	1	20.14	20.13	20.31	20.32	20.30	20.50
	CP-OFDM QPSK	1	1	20.52	20.61	20.51	20.62	20.71	22.00
	CP-OFDM 16QAM	1	1	20.58	20.55	20.71	20.56	20.63	22.00
	CP-OFDM 64QAM	1	1	20.60	20.61	20.56	20.56	20.45	21.50
	CP-OFDM 256QAM	1	1	18.19	18.23	18.25	18.06	18.34	18.50

N41-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.41	23.29	23.57	23.46	23.54	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.51	23.50	23.37	23.51	23.53	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.37	23.40	23.12	23.55	23.39	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.10	23.10	23.36	23.10	23.32	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.09	23.57	23.17	23.16	23.22	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.55	23.08	23.14	23.55	23.17	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.59	23.04	23.34	23.00	23.16	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.07	23.00	23.30	23.54	23.27	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.48	23.55	23.64	23.51	23.63	24.50
		1	137	23.15	23.22	23.27	23.27	23.16	24.50
		1	271	23.38	23.48	23.31	23.49	23.33	24.50
	DFT-s-OFDM BPSK	135	0	23.43	23.32	23.45	23.29	23.42	24.50
		135	69	23.62	23.56	23.64	23.62	23.59	24.50
		135	138	23.44	23.36	23.57	23.48	23.38	24.50
	DFT-s-OFDM BPSK	270	0	23.14	23.15	23.18	23.17	23.16	24.00
	DFT-s-OFDM QPSK	1	1	23.53	23.59	23.26	23.67	23.34	24.50
		1	137	23.29	23.26	23.11	23.34	23.20	24.50
		1	271	23.52	23.73	23.19	23.44	23.50	24.50
	DFT-s-OFDM QPSK	135	0	23.37	23.27	23.38	23.40	23.45	24.50
		135	69	23.50	23.60	23.59	23.74	23.56	24.50
		135	138	23.46	23.35	23.84	23.37	23.58	24.50
	DFT-s-OFDM QPSK	270	0	22.67	22.63	22.66	22.68	22.69	24.00
	DFT-s-OFDM 16QAM	1	1	22.50	22.75	22.63	22.67	22.59	24.00
	DFT-s-OFDM 64QAM	1	1	20.77	20.85	20.80	20.72	20.75	22.50
	DFT-s-OFDM 256QAM	1	1	20.14	20.13	20.31	20.32	20.30	20.50
	CP-OFDM QPSK	1	1	22.52	22.61	22.51	22.62	22.71	23.50
	CP-OFDM 16QAM	1	1	22.58	22.55	22.71	22.56	22.63	23.00
	CP-OFDM 64QAM	1	1	20.60	20.61	20.56	20.56	20.45	21.50
	CP-OFDM 256QAM	1	1	18.19	18.23	18.25	18.06	18.34	18.50

N41-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.80	19.85	20.21	20.08	20.19	20.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.51	19.62	20.02	20.03	20.16	20.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.71	19.71	20.11	19.87	19.92	20.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.58	19.78	20.09	19.91	19.91	20.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.56	19.61	19.90	19.72	20.00	20.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.46	19.77	20.17	19.98	20.13	20.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.58	19.58	20.05	19.75	19.85	20.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.66	19.84	20.09	19.85	19.86	20.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.92	19.97	20.18	20.31	19.79	20.50
		1	137	19.48	19.66	19.66	19.71	19.74	20.50
		1	271	19.98	20.20	19.83	20.13	19.79	20.50
	DFT-s-OFDM BPSK	135	0	19.73	19.68	20.08	19.59	19.92	20.50
		135	69	20.13	19.91	20.21	20.17	20.09	20.50
		135	138	19.79	19.66	20.07	20.06	19.96	20.50
	DFT-s-OFDM BPSK	270	0	19.51	19.75	19.68	19.54	19.48	20.50
	DFT-s-OFDM QPSK	1	1	19.91	19.89	19.80	20.34	19.95	20.50
		1	137	19.79	19.57	19.77	19.96	19.59	20.50
		1	271	20.18	20.22	19.67	19.90	19.88	20.50
	DFT-s-OFDM QPSK	135	0	19.76	19.80	20.02	20.09	20.02	20.50
		135	69	20.16	20.16	20.23	20.14	20.19	20.50
		135	138	19.84	19.80	20.48	20.03	20.28	20.50
	DFT-s-OFDM QPSK	270	0	19.84	19.81	19.83	19.72	19.71	20.50
	DFT-s-OFDM 16QAM	1	1	19.64	20.02	19.74	19.69	19.71	20.50
	DFT-s-OFDM 64QAM	1	1	20.07	19.85	19.76	19.96	19.68	20.50
	DFT-s-OFDM 256QAM	1	1	19.24	19.10	19.57	19.36	19.23	20.50
	CP-OFDM QPSK	1	1	19.58	19.70	19.79	19.54	19.94	20.50
	CP-OFDM 16QAM	1	1	19.63	19.76	19.90	19.67	19.65	20.50
	CP-OFDM 64QAM	1	1	19.50	19.54	19.53	19.71	19.51	20.50
	CP-OFDM 256QAM	1	1	17.69	17.73	17.75	17.56	17.84	18.50

N41-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	21.17	21.29	21.29	21.34	21.25	23.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	21.07	21.57	21.11	21.31	21.38	23.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	21.01	21.56	22.15	21.06	21.22	23.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	21.63	21.56	21.04	21.10	21.07	23.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	21.67	21.58	22.37	21.17	21.06	23.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	21.57	21.67	22.16	21.43	21.12	23.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	21.20	21.18	22.29	21.24	21.34	23.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	21.08	21.17	22.23	21.07	21.30	23.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	21.21	21.02	21.09	21.31	21.07	23.00
		1	137	21.44	21.59	21.30	21.51	21.56	23.00
		1	271	21.07	22.27	21.04	21.17	21.23	23.00
	DFT-s-OFDM BPSK	135	0	21.13	21.10	21.20	21.26	21.18	23.00
		135	69	21.28	21.10	21.17	21.44	21.15	23.00
		135	138	21.09	22.31	21.21	21.22	21.26	23.00
	DFT-s-OFDM BPSK	270	0	20.42	20.61	20.61	20.40	20.32	22.00
	DFT-s-OFDM QPSK	1	1	21.03	21.06	22.35	21.24	21.18	23.00
		1	137	21.57	21.66	21.43	21.38	21.38	23.00
		1	271	22.29	22.39	21.03	21.35	21.04	23.00
	DFT-s-OFDM QPSK	135	0	21.13	21.15	21.20	21.42	21.11	23.00
		135	69	21.40	21.13	21.03	21.47	21.07	23.00
		135	138	21.01	22.24	21.24	21.32	21.30	23.00
	DFT-s-OFDM QPSK	270	0	20.31	20.69	20.73	20.43	20.51	22.00
	DFT-s-OFDM 16QAM	1	1	20.11	20.11	20.25	20.02	20.20	22.00
	DFT-s-OFDM 64QAM	1	1	19.27	19.38	19.20	19.36	19.27	20.50
	DFT-s-OFDM 256QAM	1	1	17.05	17.05	17.25	17.45	17.21	18.50
	CP-OFDM QPSK	1	1	20.22	20.25	20.25	20.15	20.40	21.50
	CP-OFDM 16QAM	1	1	19.75	19.67	19.55	19.35	19.50	21.00
	CP-OFDM 64QAM	1	1	19.42	19.14	19.22	19.05	19.17	19.50
	CP-OFDM 256QAM	1	1	16.45	16.25	16.34	16.29	16.49	16.50

N41-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.41	19.30	19.34	19.57	19.33	21.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.32	20.14	19.22	20.43	20.11	21.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	20.03	20.05	19.24	20.48	20.07	21.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.13	19.99	19.23	20.50	20.30	21.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.39	19.81	19.34	20.54	20.33	21.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	20.25	19.87	19.35	20.21	20.17	21.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	20.29	19.89	19.28	20.29	20.34	21.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.17	19.81	19.14	20.41	20.13	21.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.21	20.02	20.33	20.31	20.07	21.00
		1	137	19.84	19.99	19.70	19.91	19.96	21.00
		1	271	19.37	19.17	19.34	19.47	19.53	21.00
	DFT-s-OFDM BPSK	135	0	19.43	19.40	19.50	19.56	19.48	21.00
		135	69	19.58	19.40	19.74	19.47	19.45	21.00
		135	138	19.39	19.21	19.51	19.52	19.56	21.00
	DFT-s-OFDM BPSK	270	0	19.42	19.61	19.61	19.40	19.32	21.00
	DFT-s-OFDM QPSK	1	1	20.22	19.98	19.25	20.34	20.25	21.00
		1	137	19.66	19.84	19.86	19.92	20.02	21.00
		1	271	19.54	19.05	19.52	19.33	19.33	21.00
	DFT-s-OFDM QPSK	135	0	19.48	19.29	19.30	19.66	19.49	21.00
		135	69	19.56	19.59	19.33	19.75	19.46	21.00
		135	138	19.45	19.27	19.48	19.59	19.63	21.00
	DFT-s-OFDM QPSK	270	0	19.33	19.52	19.81	19.50	19.51	21.00
	DFT-s-OFDM 16QAM	1	1	19.06	19.34	19.25	19.17	19.18	21.00
	DFT-s-OFDM 64QAM	1	1	19.00	19.04	19.20	19.36	19.36	20.50
	DFT-s-OFDM 256QAM	1	1	17.40	17.22	17.25	17.34	17.18	18.50
	CP-OFDM QPSK	1	1	20.86	20.78	20.75	20.64	20.65	21.50
	CP-OFDM 16QAM	1	1	19.37	19.39	19.55	19.52	19.69	21.00
	CP-OFDM 64QAM	1	1	19.03	19.27	19.22	19.24	19.10	19.50
	CP-OFDM 256QAM	1	1	16.32	16.26	16.34	16.38	16.18	16.50

N41-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.58	18.58	18.72	18.54	18.50	19.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.15	18.78	18.20	18.36	18.73	19.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.06	18.10	18.40	18.28	18.91	19.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.26	18.02	18.28	18.17	18.75	19.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.00	18.92	18.37	18.27	18.68	19.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.15	18.98	18.18	18.18	18.05	19.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.24	18.94	18.13	18.43	18.06	19.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.19	18.06	18.13	18.33	18.90	19.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.21	18.02	18.53	18.31	18.07	19.00
		1	137	18.34	18.49	18.20	18.41	18.46	19.00
		1	271	18.37	18.17	18.34	18.47	18.09	19.00
	DFT-s-OFDM BPSK	135	0	18.43	18.40	18.50	18.56	18.48	19.00
		135	69	18.58	18.40	18.74	18.47	18.45	19.00
		135	138	18.39	18.21	18.51	18.52	18.56	19.00
	DFT-s-OFDM BPSK	270	0	18.42	18.61	18.61	18.40	18.32	19.00
	DFT-s-OFDM QPSK	1	1	18.14	18.91	18.25	18.37	18.87	19.00
		1	137	18.44	18.46	18.36	18.41	18.64	19.00
		1	271	18.42	18.02	18.43	18.28	18.58	19.00
	DFT-s-OFDM QPSK	135	0	18.38	18.44	18.66	18.40	18.65	19.00
		135	69	18.71	18.28	18.33	18.67	18.62	19.00
		135	138	18.20	18.10	18.55	18.34	18.60	19.00
	DFT-s-OFDM QPSK	270	0	18.45	18.45	18.63	18.25	18.51	19.00
	DFT-s-OFDM 16QAM	1	1	18.15	18.12	18.25	18.04	18.24	19.00
	DFT-s-OFDM 64QAM	1	1	18.07	18.00	18.20	18.07	18.35	19.00
	DFT-s-OFDM 256QAM	1	1	18.32	18.07	18.25	18.10	18.42	18.50
	CP-OFDM QPSK	1	1	18.15	18.40	18.25	18.08	18.29	19.00
	CP-OFDM 16QAM	1	1	18.67	18.62	18.55	18.59	18.59	19.00
	CP-OFDM 64QAM	1	1	18.07	18.13	18.22	18.10	18.24	19.00
	CP-OFDM 256QAM	1	1	16.25	16.36	16.34	16.38	16.30	16.50

8.6.6 NR Band77 Output Power

N77-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.96	25.63	25.99	27.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	26.08	25.56	25.57	27.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	26.05	25.63	25.57	27.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.65	25.63	25.54	27.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.71	25.70	25.85	27.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.53	25.69	25.72	27.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.64	25.54	25.55	27.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	26.04	25.68	25.62	27.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.65	/	27.50
		1	137	/	25.62	/	27.50
		1	271	/	25.50	/	27.50
	DFT-s-OFDM BPSK	135	0	/	25.76	/	27.50
		135	69	/	25.78	/	27.50
		135	138	/	25.70	/	27.50
	DFT-s-OFDM BPSK	270	0	/	25.20	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.64	/	27.50
		1	137	/	25.90	/	27.50
		1	271	/	25.64	/	27.50
	DFT-s-OFDM QPSK	135	0	/	25.75	/	27.50
		135	69	/	25.70	/	27.50
		135	138	/	25.95	/	27.50
	DFT-s-OFDM QPSK	270	0	/	24.75	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.76	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.35	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.02	/	23.00
	CP-OFDM QPSK	1	1	/	24.75	/	26.00
	CP-OFDM 16QAM	1	1	/	23.68	/	25.50
	CP-OFDM 64QAM	1	1	/	22.77	/	24.00
	CP-OFDM 256QAM	1	1	/	20.25	/	21.00

N77-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	18.80	19.01	19.05	19.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	19.14	18.98	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.88	19.03	18.93	19.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.93	19.06	18.94	19.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	19.13	18.84	19.18	19.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	19.01	18.99	18.93	19.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	19.01	18.96	18.84	19.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.81	18.89	19.12	19.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	19.00	/	19.50
		1	137	/	18.92	/	19.50
		1	271	/	18.94	/	19.50
	DFT-s-OFDM BPSK	135	0	/	18.91	/	19.50
		135	69	/	19.20	/	19.50
		135	138	/	18.89	/	19.50
	DFT-s-OFDM BPSK	270	0	/	18.81	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.90	/	19.50
		1	137	/	18.86	/	19.50
		1	271	/	19.02	/	19.50
	DFT-s-OFDM QPSK	135	0	/	18.86	/	19.50
		135	69	/	19.00	/	19.50
		135	138	/	18.86	/	19.50
	DFT-s-OFDM QPSK	270	0	/	19.03	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	19.12	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	19.07	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.93	/	19.50
	CP-OFDM QPSK	1	1	/	18.83	/	19.50
	CP-OFDM 16QAM	1	1	/	19.17	/	19.50
	CP-OFDM 64QAM	1	1	/	18.97	/	19.50
	CP-OFDM 256QAM	1	1	/	19.15	/	19.50

N77-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	22.96	22.99	23.15	23.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	22.53	22.59	22.80	23.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	23.05	22.79	22.87	23.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	22.60	22.95	22.62	23.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	22.37	22.33	22.56	23.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	22.49	22.58	22.75	23.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	22.70	22.97	22.80	23.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	22.97	22.62	22.81	23.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	22.90	/	23.50
		1	137	/	22.80	/	23.50
		1	271	/	22.80	/	23.50
	DFT-s-OFDM BPSK	135	0	/	22.67	/	23.50
		135	69	/	22.86	/	23.50
		135	138	/	22.53	/	23.50
	DFT-s-OFDM BPSK	270	0	/	22.90	/	23.50
	DFT-s-OFDM QPSK	1	1	/	22.62	/	23.50
		1	137	/	22.67	/	23.50
		1	271	/	22.66	/	23.50
	DFT-s-OFDM QPSK	135	0	/	22.67	/	23.50
		135	69	/	22.61	/	23.50
		135	138	/	22.52	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.60	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.51	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	22.71	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	21.78	/	22.50
	CP-OFDM QPSK	1	1	/	22.60	/	23.50
	CP-OFDM 16QAM	1	1	/	22.73	/	23.50
	CP-OFDM 64QAM	1	1	/	22.86	/	23.50
	CP-OFDM 256QAM	1	1	/	19.35	/	20.50

N77-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.33	20.16	20.04	21.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	20.30	20.38	20.40	21.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.21	20.12	20.42	21.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.12	20.40	20.11	21.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.03	20.03	20.03	21.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.36	20.37	20.34	21.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.41	20.40	20.26	21.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.02	20.35	20.03	21.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.31	/	21.00
		1	137	/	20.46	/	21.00
		1	271	/	20.40	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.05	/	21.00
		135	69	/	20.13	/	21.00
		135	138	/	20.47	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.02	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.29	/	21.00
		1	137	/	20.31	/	21.00
		1	271	/	20.43	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.28	/	21.00
		135	69	/	20.28	/	21.00
		135	138	/	20.02	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.23	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.45	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.10	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.36	/	21.00
	CP-OFDM QPSK	1	1	/	20.53	/	21.00
	CP-OFDM 16QAM	1	1	/	20.08	/	21.00
	CP-OFDM 64QAM	1	1	/	20.34	/	21.00
	CP-OFDM 256QAM	1	1	/	19.65	/	21.00

N77-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.42	25.24	25.16	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	25.32	25.04	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.52	25.53	25.39	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.13	25.05	25.23	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.07	25.37	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.48	25.45	25.40	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.31	25.33	25.29	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.00	25.13	25.21	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.34	/	27.00
		1	137	/	25.19	/	27.00
		1	271	/	25.22	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.17	/	27.00
		135	69	/	25.36	/	27.00
		135	138	/	25.20	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.10	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.24	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.35	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.09	/	27.00
		135	69	/	25.08	/	27.00
		135	138	/	25.10	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.04	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.16	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.65	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.84	/	22.50
	CP-OFDM QPSK	1	1	/	23.53	/	25.50
	CP-OFDM 16QAM	1	1	/	23.40	/	25.00
	CP-OFDM 64QAM	1	1	/	21.59	/	23.50
	CP-OFDM 256QAM	1	1	/	18.65	/	20.50

N77-ANT3 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	17.87	17.91	17.95	18.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	17.71	17.83	17.97	18.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	17.69	17.70	17.97	18.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	17.66	17.70	18.00	18.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	17.88	17.77	17.71	18.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	17.82	17.84	17.99	18.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.63	18.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	17.82	17.68	17.78	18.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	17.95	/	18.50
		1	137	/	17.88	/	18.50
		1	271	/	17.67	/	18.50
	DFT-s-OFDM BPSK	135	0	/	17.89	/	18.50
		135	69	/	17.99	/	18.50
		135	138	/	17.92	/	18.50
	DFT-s-OFDM BPSK	270	0	/	17.75	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.94	/	18.50
		1	137	/	17.84	/	18.50
		1	271	/	17.74	/	18.50
	DFT-s-OFDM QPSK	135	0	/	17.94	/	18.50
		135	69	/	17.76	/	18.50
		135	138	/	17.92	/	18.50
	DFT-s-OFDM QPSK	270	0	/	17.77	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.89	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.81	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.86	/	18.50
	CP-OFDM QPSK	1	1	/	17.65	/	18.50
	CP-OFDM 16QAM	1	1	/	17.78	/	18.50
	CP-OFDM 64QAM	1	1	/	18.00	/	18.50
	CP-OFDM 256QAM	1	1	/	17.69	/	18.50

N77-ANT3 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.42	25.24	25.16	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	25.32	25.04	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.52	25.53	25.39	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.13	25.05	25.23	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.07	25.37	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.48	25.45	25.40	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.31	25.33	25.29	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.00	25.13	25.21	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.34	/	27.00
		1	137	/	25.19	/	27.00
		1	271	/	25.22	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.17	/	27.00
		135	69	/	25.36	/	27.00
		135	138	/	25.20	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.10	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.24	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.35	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.09	/	27.00
		135	69	/	25.08	/	27.00
		135	138	/	25.10	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.04	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.16	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.65	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.84	/	22.50
	CP-OFDM QPSK	1	1	/	23.53	/	25.50
	CP-OFDM 16QAM	1	1	/	23.40	/	25.00
	CP-OFDM 64QAM	1	1	/	21.59	/	23.50
	CP-OFDM 256QAM	1	1	/	18.65	/	20.50

N77-ANT3 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.74	20.87	20.87	21.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	20.75	20.75	20.76	21.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.50	20.66	20.67	21.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.65	20.86	20.96	21.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.56	20.76	20.78	21.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.92	21.00	21.01	21.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.96	20.71	20.99	21.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.97	20.75	20.73	21.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.61	/	21.50
		1	137	/	20.82	/	21.50
		1	271	/	20.76	/	21.50
	DFT-s-OFDM BPSK	135	0	/	20.87	/	21.50
		135	69	/	20.88	/	21.50
		135	138	/	20.75	/	21.50
	DFT-s-OFDM BPSK	270	0	/	20.53	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.68	/	21.50
		1	137	/	20.76	/	21.50
		1	271	/	20.82	/	21.50
	DFT-s-OFDM QPSK	135	0	/	20.89	/	21.50
		135	69	/	20.60	/	21.50
		135	138	/	20.53	/	21.50
	DFT-s-OFDM QPSK	270	0	/	20.61	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.76	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.62	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.58	/	21.50
	CP-OFDM QPSK	1	1	/	20.55	/	21.50
	CP-OFDM 16QAM	1	1	/	20.86	/	21.50
	CP-OFDM 64QAM	1	1	/	20.71	/	21.50
	CP-OFDM 256QAM	1	1	/	19.81	/	20.50

N77-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.23	25.35	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	25.30	25.31	25.30	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.51	25.08	25.58	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.31	25.12	25.24	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.54	25.31	25.20	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.38	25.33	25.26	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.07	25.16	25.04	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.29	25.33	25.58	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.05	/	27.00
		1	137	/	25.20	/	27.00
		1	271	/	25.06	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.00	/	27.00
		135	69	/	25.11	/	27.00
		135	138	/	25.38	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.07	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.17	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.22	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.34	/	27.00
		135	69	/	25.21	/	27.00
		135	138	/	25.06	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.18	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.06	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.60	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.59	/	22.50
	CP-OFDM QPSK	1	1	/	23.74	/	25.50
	CP-OFDM 16QAM	1	1	/	23.28	/	25.00
	CP-OFDM 64QAM	1	1	/	21.85	/	23.50
	CP-OFDM 256QAM	1	1	/	18.80	/	20.50

N77-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	18.22	18.46	18.49	19.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	18.57	18.47	18.35	19.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.39	18.26	18.28	19.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.26	18.24	18.59	19.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	18.31	18.55	18.41	19.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	18.30	18.38	18.45	19.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	18.56	18.34	18.29	19.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.39	18.49	18.51	19.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	18.54	/	19.00
		1	137	/	18.37	/	19.00
		1	271	/	18.44	/	19.00
	DFT-s-OFDM BPSK	135	0	/	18.21	/	19.00
		135	69	/	18.42	/	19.00
		135	138	/	18.38	/	19.00
	DFT-s-OFDM BPSK	270	0	/	18.34	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.37	/	19.00
		1	137	/	18.24	/	19.00
		1	271	/	18.46	/	19.00
	DFT-s-OFDM QPSK	135	0	/	18.26	/	19.00
		135	69	/	18.53	/	19.00
		135	138	/	18.32	/	19.00
	DFT-s-OFDM QPSK	270	0	/	18.48	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.30	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	18.52	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	18.58	/	19.00
	CP-OFDM QPSK	1	1	/	18.38	/	19.00
	CP-OFDM 16QAM	1	1	/	18.44	/	19.00
	CP-OFDM 64QAM	1	1	/	18.49	/	19.00
	CP-OFDM 256QAM	1	1	/	18.40	/	19.00

N77-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	19.61	19.47	19.68	20.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	19.59	19.41	19.65	20.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	19.49	19.63	19.50	20.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	19.61	19.37	19.55	20.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	19.35	19.42	19.37	20.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	19.40	19.64	19.50	20.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	19.44	19.61	19.36	20.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	19.67	19.41	19.46	20.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	19.57	/	20.50
		1	137	/	19.49	/	20.50
		1	271	/	19.50	/	20.50
	DFT-s-OFDM BPSK	135	0	/	19.43	/	20.50
		135	69	/	19.86	/	20.50
		135	138	/	19.62	/	20.50
	DFT-s-OFDM BPSK	270	0	/	19.34	/	20.50
	DFT-s-OFDM QPSK	1	1	/	19.36	/	20.50
		1	137	/	19.34	/	20.50
		1	271	/	19.45	/	20.50
	DFT-s-OFDM QPSK	135	0	/	19.67	/	20.50
		135	69	/	19.32	/	20.50
		135	138	/	19.70	/	20.50
	DFT-s-OFDM QPSK	270	0	/	19.34	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.52	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	19.49	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	19.45	/	20.50
	CP-OFDM QPSK	1	1	/	19.70	/	20.50
	CP-OFDM 16QAM	1	1	/	19.69	/	20.50
	CP-OFDM 64QAM	1	1	/	19.65	/	20.50
	CP-OFDM 256QAM	1	1	/	19.00	/	20.50

N77-ANT6 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.55	25.43	25.55	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	25.34	25.31	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.35	25.72	25.39	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.67	25.30	25.64	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.39	25.46	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.33	25.47	25.34	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.47	25.53	25.48	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.74	25.47	25.42	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.53	/	27.00
		1	137	/	25.61	/	27.00
		1	271	/	25.45	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.33	/	27.00
		135	69	/	25.61	/	27.00
		135	138	/	25.59	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.57	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.45	/	27.00
		1	137	/	25.65	/	27.00
		1	271	/	25.35	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.44	/	27.00
		135	69	/	25.56	/	27.00
		135	138	/	25.68	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.64	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.61	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.04	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.84	/	22.50
	CP-OFDM QPSK	1	1	/	24.15	/	25.50
	CP-OFDM 16QAM	1	1	/	23.05	/	25.00
	CP-OFDM 64QAM	1	1	/	22.78	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N77-ANT6 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	15.85	16.16	15.92	16.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	16.12	15.91	16.00	16.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	16.08	16.13	16.15	16.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	16.12	15.84	15.80	16.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	15.91	15.93	16.06	16.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	16.02	16.13	16.02	16.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	15.96	16.12	15.81	16.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	16.14	15.82	15.99	16.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	16.12	/	16.50
		1	137	/	15.94	/	16.50
		1	271	/	15.89	/	16.50
	DFT-s-OFDM BPSK	135	0	/	15.82	/	16.50
		135	69	/	16.07	/	16.50
		135	138	/	16.00	/	16.50
	DFT-s-OFDM BPSK	270	0	/	15.88	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.09	/	16.50
		1	137	/	16.00	/	16.50
		1	271	/	16.18	/	16.50
	DFT-s-OFDM QPSK	135	0	/	16.11	/	16.50
		135	69	/	16.03	/	16.50
		135	138	/	16.18	/	16.50
	DFT-s-OFDM QPSK	270	0	/	15.81	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.18	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.83	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	16.15	/	16.50
	CP-OFDM QPSK	1	1	/	15.98	/	16.50
	CP-OFDM 16QAM	1	1	/	15.86	/	16.50
	CP-OFDM 64QAM	1	1	/	15.95	/	16.50
	CP-OFDM 256QAM	1	1	/	15.94	/	16.50

N77-ANT6 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.08	20.32	20.08	21.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	3542.49	
15	DFT-s-OFDM QPSK	1	1	20.11	20.10	20.03	21.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.40	20.05	20.38	21.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.39	20.13	20.31	21.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.34	20.03	20.28	21.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.39	20.35	20.10	21.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.40	20.22	20.00	21.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.01	20.36	20.15	21.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.27	/	21.00
		1	137	/	20.25	/	21.00
		1	271	/	20.00	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.31	/	21.00
		135	69	/	20.35	/	21.00
		135	138	/	20.18	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.13	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.12	/	21.00
		1	137	/	20.34	/	21.00
		1	271	/	20.35	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.25	/	21.00
		135	69	/	20.34	/	21.00
		135	138	/	20.40	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.35	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.13	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.19	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.32	/	21.00
	CP-OFDM QPSK	1	1	/	20.02	/	21.00
	CP-OFDM 16QAM	1	1	/	20.00	/	21.00
	CP-OFDM 64QAM	1	1	/	20.05	/	21.00
	CP-OFDM 256QAM	1	1	/	18.82	/	20.50

N77-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.84	25.71	25.86	27.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.73	25.71	25.79	27.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.73	25.74	25.74	27.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.71	25.76	25.84	27.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.53	25.97	25.51	27.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.51	25.62	25.54	27.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.85	25.88	25.72	27.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.73	25.76	25.65	27.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	26.12	26.05	25.99	27.50
		1	137	26.19	25.84	26.07	27.50
		1	271	25.85	25.81	26.10	27.50
	DFT-s-OFDM BPSK	135	0	26.00	25.86	26.02	27.50
		135	69	26.13	26.00	26.13	27.50
		135	138	26.07	26.06	25.92	27.50
	DFT-s-OFDM BPSK	270	0	26.02	25.83	25.77	26.50
	DFT-s-OFDM QPSK	1	1	26.24	25.66	25.92	27.50
		1	137	26.19	25.91	26.30	27.50
		1	271	25.75	26.04	26.22	27.50
	DFT-s-OFDM QPSK	135	0	26.19	26.08	26.11	27.50
		135	69	25.94	26.00	26.17	27.50
		135	138	26.03	26.04	25.99	27.50
	DFT-s-OFDM QPSK	270	0	25.90	25.90	25.96	26.50
	DFT-s-OFDM 16QAM	1	1	25.03	24.87	24.88	26.50
	DFT-s-OFDM 64QAM	1	1	23.51	24.82	23.52	25.00
	DFT-s-OFDM 256QAM	1	1	21.94	22.05	21.92	23.00
	CP-OFDM QPSK	1	1	24.36	24.53	25.00	26.00
	CP-OFDM 16QAM	1	1	23.88	23.87	23.73	25.50
	CP-OFDM 64QAM	1	1	23.48	23.32	23.48	24.00
	CP-OFDM 256QAM	1	1	20.47	19.12	19.03	21.00

N77-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.08	18.81	18.97	19.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.81	18.83	18.90	19.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.96	19.06	18.88	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.16	18.89	18.93	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.90	19.18	19.14	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.00	19.16	19.16	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.07	18.80	18.82	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.95	19.03	19.13	19.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.99	19.20	19.08	19.50
		1	137	19.17	18.90	18.82	19.50
		1	271	18.99	18.97	18.84	19.50
	DFT-s-OFDM BPSK	135	0	19.11	19.08	19.04	19.50
		135	69	19.16	19.21	19.20	19.50
		135	138	19.11	19.14	19.16	19.50
	DFT-s-OFDM BPSK	270	0	19.06	18.90	18.96	19.50
	DFT-s-OFDM QPSK	1	1	18.89	18.84	19.12	19.50
		1	137	18.99	18.82	19.00	19.50
		1	271	19.00	18.96	18.89	19.50
	DFT-s-OFDM QPSK	135	0	19.08	18.93	19.03	19.50
		135	69	18.94	18.92	18.87	19.50
		135	138	18.98	18.98	19.18	19.50
	DFT-s-OFDM QPSK	270	0	18.90	19.07	19.19	19.50
	DFT-s-OFDM 16QAM	1	1	19.17	19.13	19.05	19.50
	DFT-s-OFDM 64QAM	1	1	19.08	19.01	19.12	19.50
	DFT-s-OFDM 256QAM	1	1	18.89	19.17	19.17	19.50
	CP-OFDM QPSK	1	1	18.82	18.80	18.96	19.50
	CP-OFDM 16QAM	1	1	19.05	19.15	19.14	19.50
	CP-OFDM 64QAM	1	1	19.08	18.99	19.02	19.50
	CP-OFDM 256QAM	1	1	18.98	19.10	18.86	19.50

N77-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	23.07	23.32	23.22	23.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.03	23.01	23.29	23.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.02	22.99	22.98	23.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	22.99	22.99	23.03	23.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	22.94	22.90	22.90	23.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	22.78	22.79	22.79	23.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.12	23.17	23.07	23.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.20	23.15	22.87	23.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.17	23.10	22.91	23.50
		1	137	23.21	23.19	23.07	23.50
		1	271	22.97	23.05	22.92	23.50
	DFT-s-OFDM BPSK	135	0	22.95	22.92	22.97	23.50
		135	69	23.29	23.14	23.10	23.50
		135	138	23.28	22.94	23.04	23.50
	DFT-s-OFDM BPSK	270	0	23.27	23.14	23.13	23.50
	DFT-s-OFDM QPSK	1	1	23.27	23.15	22.99	23.50
		1	137	22.95	23.12	23.10	23.50
		1	271	22.89	22.94	22.78	23.50
	DFT-s-OFDM QPSK	135	0	23.08	23.02	22.90	23.50
		135	69	22.74	23.03	22.87	23.50
		135	138	23.45	22.97	23.18	23.50
	DFT-s-OFDM QPSK	270	0	23.05	23.13	22.99	23.50
	DFT-s-OFDM 16QAM	1	1	23.19	23.10	23.15	23.50
	DFT-s-OFDM 64QAM	1	1	22.74	22.93	22.86	23.50
	DFT-s-OFDM 256QAM	1	1	22.43	22.56	22.72	23.00
	CP-OFDM QPSK	1	1	23.10	23.19	23.18	23.50
	CP-OFDM 16QAM	1	1	23.13	23.25	23.07	23.50
	CP-OFDM 64QAM	1	1	22.88	22.93	22.73	23.50
	CP-OFDM 256QAM	1	1	19.23	19.15	19.23	21.00

N77-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.47	20.31	20.34	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.26	20.22	20.42	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.49	20.29	20.30	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.42	20.19	20.27	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.51	20.36	20.18	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.19	20.26	20.36	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.38	20.11	20.34	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.19	20.26	20.25	21.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	20.40	20.15	20.21	21.00
		1	137	20.39	20.43	20.43	21.00
		1	271	20.19	20.29	20.50	21.00
	DFT-s-OFDM BPSK	135	0	20.36	20.20	20.21	21.00
		135	69	20.30	20.23	20.40	21.00
		135	138	20.22	20.30	20.39	21.00
	DFT-s-OFDM BPSK	270	0	20.36	20.33	20.51	21.00
	DFT-s-OFDM QPSK	1	1	20.45	20.11	20.15	21.00
		1	137	20.11	20.29	20.50	21.00
		1	271	20.17	20.11	20.24	21.00
	DFT-s-OFDM QPSK	135	0	20.46	20.50	20.25	21.00
		135	69	20.22	20.49	20.36	21.00
		135	138	20.13	20.30	20.46	21.00
	DFT-s-OFDM QPSK	270	0	20.50	20.50	20.11	21.00
	DFT-s-OFDM 16QAM	1	1	20.47	20.46	20.38	21.00
	DFT-s-OFDM 64QAM	1	1	20.47	20.14	20.21	21.00
	DFT-s-OFDM 256QAM	1	1	20.17	20.13	20.25	21.00
	CP-OFDM QPSK	1	1	20.36	20.22	20.34	21.00
	CP-OFDM 16QAM	1	1	20.47	20.14	20.37	21.00
	CP-OFDM 64QAM	1	1	20.24	20.26	20.23	21.00
	CP-OFDM 256QAM	1	1	20.10	20.09	20.15	21.00

N77-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.00	25.07	25.12	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.45	25.42	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.32	25.08	25.24	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.23	25.20	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.45	25.42	25.28	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.36	25.42	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.23	25.13	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.31	25.30	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.30	25.18	25.34	27.00
		1	137	25.40	25.12	25.28	27.00
		1	271	25.11	25.01	25.17	27.00
	DFT-s-OFDM BPSK	135	0	25.13	25.35	25.40	27.00
		135	69	25.33	25.27	25.02	27.00
		135	138	25.22	25.13	25.07	27.00
	DFT-s-OFDM BPSK	270	0	24.12	24.12	24.22	26.00
	DFT-s-OFDM QPSK	1	1	25.19	25.29	25.41	27.00
		1	137	25.30	25.23	25.17	27.00
		1	271	25.21	25.29	25.36	27.00
	DFT-s-OFDM QPSK	135	0	25.24	25.40	25.36	27.00
		135	69	25.42	25.32	25.18	27.00
		135	138	25.20	25.24	25.10	27.00
	DFT-s-OFDM QPSK	270	0	24.08	24.00	24.00	26.00
	DFT-s-OFDM 16QAM	1	1	24.20	24.36	24.16	26.00
	DFT-s-OFDM 64QAM	1	1	22.81	22.69	22.83	24.50
	DFT-s-OFDM 256QAM	1	1	20.67	20.75	20.67	22.50
	CP-OFDM QPSK	1	1	24.01	23.90	23.85	25.50
	CP-OFDM 16QAM	1	1	23.01	23.06	23.02	25.00
	CP-OFDM 64QAM	1	1	21.81	21.87	21.91	23.50
	CP-OFDM 256QAM	1	1	18.71	18.60	18.71	20.50

N77-ANT3 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.86	17.92	17.66	18.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.96	17.93	17.62	18.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.63	17.89	17.98	18.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.60	17.88	17.79	18.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.68	17.94	17.74	18.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.85	17.70	17.81	18.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.63	17.60	17.62	18.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.92	17.85	17.85	18.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	17.98	17.81	18.00	18.50
		1	137	17.62	17.90	17.80	18.50
		1	271	17.64	17.61	17.95	18.50
	DFT-s-OFDM BPSK	135	0	17.73	17.95	17.94	18.50
		135	69	17.74	17.62	17.99	18.50
		135	138	17.77	17.88	17.61	18.50
	DFT-s-OFDM BPSK	270	0	17.60	17.62	17.96	18.50
	DFT-s-OFDM QPSK	1	1	17.96	17.62	17.75	18.50
		1	137	17.95	18.00	17.60	18.50
		1	271	17.90	17.91	17.66	18.50
	DFT-s-OFDM QPSK	135	0	17.61	17.62	17.95	18.50
		135	69	17.97	17.98	17.72	18.50
		135	138	17.86	17.88	17.93	18.50
	DFT-s-OFDM QPSK	270	0	17.85	17.66	17.99	18.50
	DFT-s-OFDM 16QAM	1	1	17.64	18.00	17.78	18.50
	DFT-s-OFDM 64QAM	1	1	17.90	17.78	17.98	18.50
	DFT-s-OFDM 256QAM	1	1	17.88	17.74	17.84	18.50
	CP-OFDM QPSK	1	1	17.86	17.66	17.63	18.50
	CP-OFDM 16QAM	1	1	17.67	17.92	17.94	18.50
	CP-OFDM 64QAM	1	1	17.64	17.77	17.70	18.50
	CP-OFDM 256QAM	1	1	17.79	17.77	17.73	18.50

N77-ANT3 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.00	25.07	25.12	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.45	25.42	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.32	25.08	25.24	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.23	25.20	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.45	25.42	25.28	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.36	25.42	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.23	25.13	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.31	25.30	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.30	25.18	25.34	27.00
		1	137	25.40	25.12	25.28	27.00
		1	271	25.11	25.01	25.17	27.00
	DFT-s-OFDM BPSK	135	0	25.13	25.35	25.40	27.00
		135	69	25.33	25.27	25.02	27.00
		135	138	25.22	25.13	25.07	27.00
	DFT-s-OFDM BPSK	270	0	24.12	24.12	24.22	26.00
	DFT-s-OFDM QPSK	1	1	25.19	25.29	25.41	27.00
		1	137	25.30	25.23	25.17	27.00
		1	271	25.21	25.29	25.36	27.00
	DFT-s-OFDM QPSK	135	0	25.24	25.40	25.36	27.00
		135	69	25.42	25.32	25.18	27.00
		135	138	25.20	25.24	25.10	27.00
	DFT-s-OFDM QPSK	270	0	24.08	24.00	24.00	26.00
	DFT-s-OFDM 16QAM	1	1	24.20	24.36	24.16	26.00
	DFT-s-OFDM 64QAM	1	1	22.81	22.69	22.83	24.50
	DFT-s-OFDM 256QAM	1	1	20.67	20.75	20.67	22.50
	CP-OFDM QPSK	1	1	24.01	23.90	23.85	25.50
	CP-OFDM 16QAM	1	1	23.01	23.06	23.02	25.00
	CP-OFDM 64QAM	1	1	21.81	21.87	21.91	23.50
	CP-OFDM 256QAM	1	1	18.71	18.60	18.71	20.50

N77-ANT3 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.59	20.70	20.80	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.01	20.94	21.05	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.72	20.79	20.90	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.72	20.70	20.76	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.13	20.89	21.12	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.89	20.85	20.83	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.97	20.73	21.07	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.84	20.86	20.70	21.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	20.93	20.87	21.08	21.50
		1	137	21.11	20.88	21.12	21.50
		1	271	20.84	20.83	20.82	21.50
	DFT-s-OFDM BPSK	135	0	20.85	20.96	21.09	21.50
		135	69	21.12	21.02	21.19	21.50
		135	138	21.13	20.91	20.82	21.50
	DFT-s-OFDM BPSK	270	0	21.18	21.17	21.19	21.50
	DFT-s-OFDM QPSK	1	1	21.02	21.06	20.91	21.50
		1	137	20.93	20.94	20.83	21.50
		1	271	21.13	21.06	21.01	21.50
	DFT-s-OFDM QPSK	135	0	20.91	20.91	20.98	21.50
		135	69	21.01	20.93	20.90	21.50
		135	138	20.83	20.87	21.07	21.50
	DFT-s-OFDM QPSK	270	0	21.13	20.92	20.91	21.50
	DFT-s-OFDM 16QAM	1	1	20.88	20.95	21.02	21.50
	DFT-s-OFDM 64QAM	1	1	21.12	21.05	20.94	21.50
	DFT-s-OFDM 256QAM	1	1	20.69	20.67	20.56	21.50
	CP-OFDM QPSK	1	1	21.03	21.08	20.91	21.50
	CP-OFDM 16QAM	1	1	21.13	21.14	21.13	21.50
	CP-OFDM 64QAM	1	1	20.98	21.03	20.98	21.50
	CP-OFDM 256QAM	1	1	18.69	18.78	18.98	20.50

N77-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.49	25.10	25.32	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.14	25.03	25.30	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.38	25.29	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.04	25.44	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.35	25.59	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.54	25.11	25.44	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.32	25.50	25.29	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.57	25.22	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.05	25.46	25.09	27.00
		1	137	25.09	25.09	25.15	27.00
		1	271	25.15	25.47	25.45	27.00
	DFT-s-OFDM BPSK	135	0	25.05	25.43	25.59	27.00
		135	69	25.10	25.13	25.06	27.00
		135	138	25.18	25.40	25.20	27.00
	DFT-s-OFDM BPSK	270	0	24.06	24.59	24.44	26.00
	DFT-s-OFDM QPSK	1	1	25.19	25.14	25.01	27.00
		1	137	25.25	25.51	25.27	27.00
		1	271	25.11	25.50	25.54	27.00
	DFT-s-OFDM QPSK	135	0	25.20	25.56	25.03	27.00
		135	69	25.12	25.03	25.47	27.00
		135	138	25.38	25.59	25.19	27.00
	DFT-s-OFDM QPSK	270	0	24.18	24.56	24.47	26.00
	DFT-s-OFDM 16QAM	1	1	24.35	24.47	24.49	26.00
	DFT-s-OFDM 64QAM	1	1	22.93	22.91	22.87	24.50
	DFT-s-OFDM 256QAM	1	1	20.84	21.00	21.00	22.50
	CP-OFDM QPSK	1	1	23.69	23.70	23.73	25.50
	CP-OFDM 16QAM	1	1	23.11	23.17	23.35	25.00
	CP-OFDM 64QAM	1	1	22.01	21.92	22.04	23.50
	CP-OFDM 256QAM	1	1	18.99	18.85	18.72	20.50

N77-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.60	18.26	18.54	19.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.33	18.37	18.38	19.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.38	18.45	18.30	19.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.48	18.40	18.27	19.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.57	18.41	18.43	19.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.60	18.56	18.60	19.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.59	18.32	18.49	19.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.44	18.48	18.45	19.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.21	18.40	18.57	19.00
		1	137	18.45	18.45	18.47	19.00
		1	271	18.49	18.46	18.30	19.00
	DFT-s-OFDM BPSK	135	0	18.31	18.32	18.33	19.00
		135	69	18.36	18.38	18.56	19.00
		135	138	18.43	18.40	18.38	19.00
	DFT-s-OFDM BPSK	270	0	18.57	18.46	18.59	19.00
	DFT-s-OFDM QPSK	1	1	18.39	18.49	18.56	19.00
		1	137	18.33	18.56	18.30	19.00
		1	271	18.41	18.26	18.60	19.00
	DFT-s-OFDM QPSK	135	0	18.53	18.57	18.31	19.00
		135	69	18.46	18.56	18.26	19.00
		135	138	18.51	18.43	18.43	19.00
	DFT-s-OFDM QPSK	270	0	18.28	18.23	18.44	19.00
	DFT-s-OFDM 16QAM	1	1	18.44	18.48	18.51	19.00
	DFT-s-OFDM 64QAM	1	1	18.46	18.53	18.46	19.00
	DFT-s-OFDM 256QAM	1	1	18.49	18.20	18.30	19.00
	CP-OFDM QPSK	1	1	18.31	18.22	18.39	19.00
	CP-OFDM 16QAM	1	1	18.48	18.50	18.30	19.00
	CP-OFDM 64QAM	1	1	18.53	18.22	18.60	19.00
	CP-OFDM 256QAM	1	1	18.35	18.52	18.39	19.00

N77-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.41	19.49	19.32	20.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.40	19.65	19.38	20.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.67	19.40	19.32	20.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.35	19.54	19.38	20.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.43	19.55	19.61	20.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.65	19.57	19.41	20.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.67	19.42	19.33	20.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	19.37	19.32	19.70	20.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	19.58	19.65	19.72	20.50
		1	137	19.57	19.64	19.59	20.50
		1	271	19.58	19.51	19.51	20.50
	DFT-s-OFDM BPSK	135	0	19.60	19.31	19.40	20.50
		135	69	19.44	19.48	19.68	20.50
		135	138	19.48	19.47	19.55	20.50
	DFT-s-OFDM BPSK	270	0	19.42	19.67	19.39	20.50
	DFT-s-OFDM QPSK	1	1	19.51	19.51	19.52	20.50
		1	137	19.68	19.36	19.48	20.50
		1	271	19.37	19.39	19.37	20.50
	DFT-s-OFDM QPSK	135	0	19.37	19.63	19.48	20.50
		135	69	19.33	19.69	19.35	20.50
		135	138	19.35	19.31	19.58	20.50
	DFT-s-OFDM QPSK	270	0	19.53	19.53	19.31	20.50
	DFT-s-OFDM 16QAM	1	1	19.40	19.61	19.58	20.50
	DFT-s-OFDM 64QAM	1	1	19.61	19.59	19.51	20.50
	DFT-s-OFDM 256QAM	1	1	19.67	19.54	19.50	20.50
	CP-OFDM QPSK	1	1	19.54	19.51	19.68	20.50
	CP-OFDM 16QAM	1	1	19.33	19.59	19.31	20.50
	CP-OFDM 64QAM	1	1	19.50	19.49	19.35	20.50
	CP-OFDM 256QAM	1	1	18.69	18.88	18.94	20.50

N77-ANT6 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.33	25.39	25.27	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.69	25.82	25.67	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.87	25.98	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.94	25.06	25.69	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.83	25.14	25.85	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.56	25.62	25.93	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.03	25.18	25.92	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.98	25.08	25.02	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.06	25.19	25.61	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.49	25.74	25.92	27.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.82	25.88	25.96	27.00
		1	137	25.72	25.67	25.77	27.00
		1	271	25.81	25.99	25.91	27.00
	DFT-s-OFDM BPSK	135	0	25.88	25.87	25.83	27.00
		135	69	25.71	25.76	25.82	27.00
		135	138	25.62	25.95	25.81	27.00
	DFT-s-OFDM BPSK	270	0	24.85	24.67	24.98	26.00
	DFT-s-OFDM QPSK	1	1	25.66	25.64	25.74	27.00
		1	137	25.95	25.82	25.96	27.00
		1	271	25.94	25.75	25.88	27.00
	DFT-s-OFDM QPSK	135	0	25.97	26.00	25.66	27.00
		135	69	25.85	25.60	25.95	27.00
		135	138	25.88	25.99	25.74	27.00
	DFT-s-OFDM QPSK	270	0	24.87	24.74	24.87	26.00
	DFT-s-OFDM 16QAM	1	1	24.83	24.66	24.94	26.00
	DFT-s-OFDM 64QAM	1	1	23.10	23.10	23.34	24.50
	DFT-s-OFDM 256QAM	1	1	21.69	21.51	21.32	22.50
	CP-OFDM QPSK	1	1	24.46	24.11	24.18	25.50
	CP-OFDM 16QAM	1	1	23.84	23.66	23.61	25.00
	CP-OFDM 64QAM	1	1	22.57	22.36	22.69	23.50
	CP-OFDM 256QAM	1	1	18.78	18.79	18.81	20.50

N77-ANT6 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	15.88	16.00	15.96	16.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	15.98	15.93	15.85	16.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	15.81	15.94	16.11	16.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	16.01	15.95	15.88	16.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	15.86	15.98	16.00	16.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.02	16.20	15.98	16.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.95	16.11	15.99	16.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	15.82	16.18	16.10	16.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.06	15.91	15.86	16.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	15.86	15.84	16.00	16.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.01	16.09	15.95	16.50
		1	137	16.05	15.97	15.95	16.50
		1	271	16.09	15.84	16.03	16.50
	DFT-s-OFDM BPSK	135	0	15.82	15.83	16.18	16.50
		135	69	15.85	16.20	15.99	16.50
		135	138	15.87	16.07	15.80	16.50
	DFT-s-OFDM BPSK	270	0	15.82	16.10	16.05	16.50
	DFT-s-OFDM QPSK	1	1	15.96	16.18	15.95	16.50
		1	137	15.85	16.01	16.09	16.50
		1	271	16.06	16.14	15.95	16.50
	DFT-s-OFDM QPSK	135	0	16.06	16.13	16.16	16.50
		135	69	16.05	16.05	16.00	16.50
		135	138	16.12	15.94	15.89	16.50
	DFT-s-OFDM QPSK	270	0	16.14	16.12	16.08	16.50
	DFT-s-OFDM 16QAM	1	1	16.03	16.14	15.96	16.50
	DFT-s-OFDM 64QAM	1	1	16.06	15.89	15.80	16.50
	DFT-s-OFDM 256QAM	1	1	16.03	16.11	16.08	16.50
	CP-OFDM QPSK	1	1	15.87	15.81	16.03	16.50
	CP-OFDM 16QAM	1	1	15.98	15.82	16.01	16.50
	CP-OFDM 64QAM	1	1	16.15	15.97	16.08	16.50
	CP-OFDM 256QAM	1	1	16.07	16.12	16.19	16.50

N77-ANT6 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.01	20.20	20.31	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.26	20.20	20.37	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.00	20.22	20.28	21.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	20.20	20.09	20.00	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.33	20.24	20.18	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.07	20.35	20.30	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.27	20.35	20.11	21.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	20.20	20.10	20.06	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.12	20.00	20.08	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.15	20.21	20.13	21.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB
		RB Size	RB offest	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	20.38	20.07	20.29	21.00
		1	137	20.24	20.11	20.19	21.00
		1	271	20.21	20.14	20.02	21.00
	DFT-s-OFDM BPSK	135	0	20.24	20.12	20.06	21.00
		135	69	20.37	20.26	20.08	21.00
		135	138	20.16	20.21	20.31	21.00
	DFT-s-OFDM BPSK	270	0	20.06	20.21	20.07	21.00
	DFT-s-OFDM QPSK	1	1	20.35	20.26	20.20	21.00
		1	137	20.17	20.21	20.11	21.00
		1	271	20.36	20.02	20.25	21.00
	DFT-s-OFDM QPSK	135	0	20.00	20.03	20.38	21.00
		135	69	20.12	20.13	20.00	21.00
		135	138	20.32	20.06	20.19	21.00
	DFT-s-OFDM QPSK	270	0	20.37	20.39	20.17	21.00
	DFT-s-OFDM 16QAM	1	1	20.27	20.17	20.06	21.00
	DFT-s-OFDM 64QAM	1	1	20.24	20.12	20.31	21.00
	DFT-s-OFDM 256QAM	1	1	20.32	20.05	20.22	21.00
	CP-OFDM QPSK	1	1	20.30	20.01	20.08	21.00
	CP-OFDM 16QAM	1	1	20.30	20.13	20.19	21.00
	CP-OFDM 64QAM	1	1	20.33	20.07	20.40	21.00
	CP-OFDM 256QAM	1	1	19.12	18.88	18.83	20.50

8.6.7 NR Band78 Output Power

N78-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.62	25.53	26.05	27.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	26.08	25.85	25.95	27.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.69	25.91	26.05	27.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.67	25.90	25.52	27.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.73	26.05	25.80	27.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.89	25.69	25.82	27.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.95	25.90	26.04	27.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.62	25.62	25.65	27.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	26.01	26.02	25.77	27.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.89	25.86	25.81	27.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.82	/	27.50
		1	137	/	25.72	/	27.50
		1	271	/	25.76	/	27.50
	DFT-s-OFDM BPSK	135	0	/	25.69	/	27.50
		135	69	/	25.93	/	27.50
		135	138	/	25.88	/	27.50
	DFT-s-OFDM BPSK	270	0	/	25.00	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.74	/	27.50
		1	137	/	25.72	/	27.50
		1	271	/	25.94	/	27.50
	DFT-s-OFDM QPSK	135	0	/	25.93	/	27.50
		135	69	/	25.84	/	27.50
		135	138	/	25.81	/	27.50
	DFT-s-OFDM QPSK	270	0	/	24.91	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.98	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.15	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	21.92	/	23.00
	CP-OFDM QPSK	1	1	/	24.46	/	26.00
	CP-OFDM 16QAM	1	1	/	23.74	/	25.50
	CP-OFDM 64QAM	1	1	/	23.10	/	24.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.79	20.51	20.47	21.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.68	20.80	21.01	21.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.44	20.48	20.49	21.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	21.08	21.09	21.08	21.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.68	20.44	20.59	21.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.58	20.77	20.47	21.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.72	21.05	20.81	21.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	20.77	20.61	20.56	21.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.48	20.84	20.75	21.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.75	20.49	20.74	21.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.99	/	21.50
		1	137	/	20.92	/	21.50
		1	271	/	20.86	/	21.50
	DFT-s-OFDM BPSK	135	0	/	20.61	/	21.50
		135	69	/	21.00	/	21.50
		135	138	/	20.66	/	21.50
	DFT-s-OFDM BPSK	270	0	/	20.93	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.85	/	21.50
		1	137	/	20.68	/	21.50
		1	271	/	20.91	/	21.50
	DFT-s-OFDM QPSK	135	0	/	20.60	/	21.50
		135	69	/	20.73	/	21.50
		135	138	/	20.63	/	21.50
	DFT-s-OFDM QPSK	270	0	/	20.73	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.80	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.95	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.93	/	21.50
	CP-OFDM QPSK	1	1	/	20.95	/	21.50
	CP-OFDM 16QAM	1	1	/	20.97	/	21.50
	CP-OFDM 64QAM	1	1	/	20.91	/	21.50
	CP-OFDM 256QAM	1	1	/	19.23	/	21.00

N78-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	23.23	23.41	23.40	23.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	23.31	23.04	23.03	23.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	23.23	23.17	23.07	23.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	23.13	23.25	23.21	23.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	23.06	23.34	23.35	23.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	23.22	23.09	23.27	23.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	23.31	23.05	23.27	23.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	23.45	23.21	23.36	23.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	23.12	23.12	23.05	23.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	23.27	23.09	23.29	23.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	23.35	/	23.50
		1	137	/	23.28	/	23.50
		1	271	/	23.10	/	23.50
	DFT-s-OFDM BPSK	135	0	/	23.22	/	23.50
		135	69	/	23.25	/	23.50
		135	138	/	23.23	/	23.50
	DFT-s-OFDM BPSK	270	0	/	23.24	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.29	/	23.50
		1	137	/	23.39	/	23.50
		1	271	/	23.23	/	23.50
	DFT-s-OFDM QPSK	135	0	/	23.26	/	23.50
		135	69	/	23.36	/	23.50
		135	138	/	23.38	/	23.50
	DFT-s-OFDM QPSK	270	0	/	23.29	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.35	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	23.24	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	23.22	/	23.50
	CP-OFDM QPSK	1	1	/	23.06	/	23.50
	CP-OFDM 16QAM	1	1	/	23.26	/	23.50
	CP-OFDM 64QAM	1	1	/	23.28	/	23.50
	CP-OFDM 256QAM	1	1	/	19.21	/	21.00

N78-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	21.66	21.65	21.65	22.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	21.29	21.35	21.03	22.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	21.10	21.19	21.14	22.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	21.21	21.57	21.38	22.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	21.27	21.47	21.25	22.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	21.19	21.22	21.05	22.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	21.20	21.10	21.17	22.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	21.39	21.47	21.34	22.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	21.22	21.19	21.30	22.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.96	21.15	21.32	22.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	21.45	/	22.00
		1	137	/	21.41	/	22.00
		1	271	/	21.40	/	22.00
	DFT-s-OFDM BPSK	135	0	/	21.10	/	22.00
		135	69	/	21.29	/	22.00
		135	138	/	21.15	/	22.00
	DFT-s-OFDM BPSK	270	0	/	21.34	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.21	/	22.00
		1	137	/	21.14	/	22.00
		1	271	/	21.19	/	22.00
	DFT-s-OFDM QPSK	135	0	/	21.26	/	22.00
		135	69	/	21.45	/	22.00
		135	138	/	21.35	/	22.00
	DFT-s-OFDM QPSK	270	0	/	21.35	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.39	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	21.45	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	21.11	/	22.00
	CP-OFDM QPSK	1	1	/	21.41	/	22.00
	CP-OFDM 16QAM	1	1	/	21.24	/	22.00
	CP-OFDM 64QAM	1	1	/	21.22	/	22.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.46	25.23	25.55	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.13	25.43	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.35	25.49	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.29	25.60	25.25	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.12	25.34	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.13	25.24	25.48	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.39	25.67	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.48	25.36	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.17	25.23	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.39	25.47	25.24	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.44	/	27.00
		1	137	/	25.60	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.28	/	27.00
		135	69	/	25.27	/	27.00
		135	138	/	25.33	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.26	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.45	/	27.00
		1	137	/	25.28	/	27.00
		1	271	/	25.59	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.26	/	27.00
		135	69	/	25.39	/	27.00
		135	138	/	25.28	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.36	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.31	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.72	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.06	/	22.50
	CP-OFDM QPSK	1	1	/	23.72	/	25.50
	CP-OFDM 16QAM	1	1	/	23.47	/	25.00
	CP-OFDM 64QAM	1	1	/	21.89	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT3 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	18.20	18.16	18.33	19.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	18.22	18.15	18.32	19.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.48	18.44	18.43	19.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	18.22	18.43	18.45	19.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.25	18.37	18.39	19.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	18.24	18.20	18.46	19.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	18.24	18.44	18.12	19.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	18.10	18.35	18.25	19.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	18.29	18.21	18.31	19.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.10	18.16	18.20	19.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	18.39	/	19.00
		1	137	/	18.19	/	19.00
		1	271	/	18.35	/	19.00
	DFT-s-OFDM BPSK	135	0	/	18.32	/	19.00
		135	69	/	18.50	/	19.00
		135	138	/	18.44	/	19.00
	DFT-s-OFDM BPSK	270	0	/	18.22	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.38	/	19.00
		1	137	/	18.46	/	19.00
		1	271	/	18.16	/	19.00
	DFT-s-OFDM QPSK	135	0	/	18.17	/	19.00
		135	69	/	18.50	/	19.00
		135	138	/	18.42	/	19.00
	DFT-s-OFDM QPSK	270	0	/	18.19	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.24	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	18.12	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	18.11	/	19.00
	CP-OFDM QPSK	1	1	/	18.39	/	19.00
	CP-OFDM 16QAM	1	1	/	18.33	/	19.00
	CP-OFDM 64QAM	1	1	/	18.46	/	19.00
	CP-OFDM 256QAM	1	1	/	18.44	/	19.00

N78-ANT3 2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.46	25.23	25.55	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.13	25.43	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.35	25.49	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.29	25.60	25.25	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.12	25.34	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.13	25.24	25.48	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.39	25.67	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.48	25.36	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.17	25.23	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.39	25.47	25.24	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.44	/	27.00
		1	137	/	25.60	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.28	/	27.00
		135	69	/	25.27	/	27.00
		135	138	/	25.33	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.26	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.45	/	27.00
		1	137	/	25.28	/	27.00
		1	271	/	25.59	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.26	/	27.00
		135	69	/	25.39	/	27.00
		135	138	/	25.28	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.36	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.31	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.72	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.06	/	22.50
	CP-OFDM QPSK	1	1	/	23.72	/	25.50
	CP-OFDM 16QAM	1	1	/	23.47	/	25.00
	CP-OFDM 64QAM	1	1	/	21.89	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT3 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.30	20.30	20.28	21.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.44	20.29	20.20	21.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.38	20.54	20.36	21.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	20.67	20.74	20.46	21.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.66	20.52	20.52	21.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.46	20.50	20.20	21.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.54	20.65	20.68	21.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	20.23	20.28	20.60	21.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.43	20.40	20.55	21.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.23	20.52	20.58	21.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.70	/	21.50
		1	137	/	20.56	/	21.50
		1	271	/	20.59	/	21.50
	DFT-s-OFDM BPSK	135	0	/	20.34	/	21.50
		135	69	/	20.36	/	21.50
		135	138	/	20.28	/	21.50
	DFT-s-OFDM BPSK	270	0	/	20.34	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.69	/	21.50
		1	137	/	20.37	/	21.50
		1	271	/	20.61	/	21.50
	DFT-s-OFDM QPSK	135	0	/	20.67	/	21.50
		135	69	/	20.67	/	21.50
		135	138	/	20.41	/	21.50
	DFT-s-OFDM QPSK	270	0	/	20.52	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.58	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.65	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.56	/	21.50
	CP-OFDM QPSK	1	1	/	20.42	/	21.50
	CP-OFDM 16QAM	1	1	/	20.47	/	21.50
	CP-OFDM 64QAM	1	1	/	20.31	/	21.50
	CP-OFDM 256QAM	1	1	/	18.77	/	20.50

N78-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.24	25.32	25.18	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.10	25.03	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.39	25.06	25.36	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.22	25.27	25.30	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.05	25.37	25.10	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.01	25.29	25.02	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.25	25.17	25.36	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.05	25.29	25.10	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.12	25.38	25.19	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.13	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.30	/	27.00
		1	137	/	25.21	/	27.00
		1	271	/	25.12	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.08	/	27.00
		135	69	/	25.26	/	27.00
		135	138	/	25.17	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.03	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.17	/	27.00
		1	137	/	25.30	/	27.00
		1	271	/	25.03	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.10	/	27.00
		135	69	/	25.24	/	27.00
		135	138	/	25.23	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.02	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.20	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.05	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	22.11	/	22.50
	CP-OFDM QPSK	1	1	/	23.57	/	25.50
	CP-OFDM 16QAM	1	1	/	23.56	/	25.00
	CP-OFDM 64QAM	1	1	/	22.78	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	17.32	17.66	17.62	18.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	17.44	17.47	17.69	18.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	17.42	17.30	17.38	18.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	17.55	17.31	17.48	18.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	17.44	17.65	17.33	18.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	17.44	17.68	17.43	18.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	17.50	17.60	17.38	18.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	17.55	17.44	17.59	18.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	17.48	17.41	17.39	18.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	17.42	17.66	17.39	18.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	17.53	/	18.00
		1	137	/	17.33	/	18.00
		1	271	/	17.50	/	18.00
	DFT-s-OFDM BPSK	135	0	/	17.55	/	18.00
		135	69	/	17.69	/	18.00
		135	138	/	17.43	/	18.00
	DFT-s-OFDM BPSK	270	0	/	17.49	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.64	/	18.00
		1	137	/	17.47	/	18.00
		1	271	/	17.63	/	18.00
	DFT-s-OFDM QPSK	135	0	/	17.34	/	18.00
		135	69	/	17.54	/	18.00
		135	138	/	17.36	/	18.00
	DFT-s-OFDM QPSK	270	0	/	17.69	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.62	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.49	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.32	/	18.00
	CP-OFDM QPSK	1	1	/	17.51	/	18.00
	CP-OFDM 16QAM	1	1	/	17.55	/	18.00
	CP-OFDM 64QAM	1	1	/	17.47	/	18.00
	CP-OFDM 256QAM	1	1	/	17.53	/	18.00

N78-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.55	20.49	20.32	21.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.33	20.42	20.46	21.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.22	20.23	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	20.43	20.33	20.32	21.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.32	20.58	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.20	20.52	20.55	21.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.59	20.31	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	20.56	20.52	20.46	21.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.57	20.29	20.37	21.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.48	20.59	20.51	21.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.46	/	21.00
		1	137	/	20.40	/	21.00
		1	271	/	20.43	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.49	/	21.00
		135	69	/	20.56	/	21.00
		135	138	/	20.49	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.48	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.57	/	21.00
		1	137	/	20.31	/	21.00
		1	271	/	20.37	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.22	/	21.00
		135	69	/	20.32	/	21.00
		135	138	/	20.40	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.45	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.53	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.30	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.20	/	21.00
	CP-OFDM QPSK	1	1	/	20.24	/	21.00
	CP-OFDM 16QAM	1	1	/	20.40	/	21.00
	CP-OFDM 64QAM	1	1	/	20.45	/	21.00
	CP-OFDM 256QAM	1	1	/	18.57	/	20.50

N78-ANT6 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.39	25.60	25.45	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.67	25.59	25.59	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.44	25.31	25.60	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.30	25.34	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.43	25.62	25.77	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.67	25.64	25.58	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.35	25.16	25.51	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.77	25.41	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.67	25.52	25.64	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.67	25.43	25.56	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.22	/	27.00
		1	137	/	25.54	/	27.00
		1	271	/	25.46	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.57	/	27.00
		135	69	/	25.58	/	27.00
		135	138	/	25.48	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.32	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.48	/	27.00
		1	137	/	25.57	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.30	/	27.00
		135	69	/	25.25	/	27.00
		135	138	/	25.60	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.43	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.35	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.92	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.95	/	22.50
	CP-OFDM QPSK	1	1	/	24.10	/	25.50
	CP-OFDM 16QAM	1	1	/	23.45	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT6 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	17.77	18.08	17.96	18.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	17.83	17.85	17.81	18.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	17.86	17.88	17.84	18.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	17.91	17.88	17.99	18.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.00	17.76	18.09	18.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	17.77	17.94	17.96	18.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	18.09	17.79	17.75	18.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	17.76	17.99	18.07	18.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	17.73	17.81	17.74	18.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	17.76	17.74	18.01	18.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	17.85	/	18.50
		1	137	/	17.71	/	18.50
		1	271	/	17.75	/	18.50
	DFT-s-OFDM BPSK	135	0	/	17.77	/	18.50
		135	69	/	17.92	/	18.50
		135	138	/	17.78	/	18.50
	DFT-s-OFDM BPSK	270	0	/	18.08	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.84	/	18.50
		1	137	/	18.01	/	18.50
		1	271	/	17.89	/	18.50
	DFT-s-OFDM QPSK	135	0	/	17.82	/	18.50
		135	69	/	17.77	/	18.50
		135	138	/	17.70	/	18.50
	DFT-s-OFDM QPSK	270	0	/	17.74	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.88	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.70	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.75	/	18.50
	CP-OFDM QPSK	1	1	/	18.04	/	18.50
	CP-OFDM 16QAM	1	1	/	17.93	/	18.50
	CP-OFDM 64QAM	1	1	/	17.93	/	18.50
	CP-OFDM 256QAM	1	1	/	17.77	/	18.50

N78-ANT6 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	21.09	20.80	20.82	21.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.81	20.97	20.72	21.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.93	20.82	21.05	21.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	20.77	20.89	21.01	21.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.88	20.86	20.96	21.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.83	20.91	21.10	21.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.76	20.71	20.78	21.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	21.06	21.02	20.86	21.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	21.03	20.71	20.82	21.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.74	20.78	20.86	21.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.77	/	21.50
		1	137	/	21.08	/	21.50
		1	271	/	21.02	/	21.50
	DFT-s-OFDM BPSK	135	0	/	21.03	/	21.50
		135	69	/	21.08	/	21.50
		135	138	/	20.70	/	21.50
	DFT-s-OFDM BPSK	270	0	/	20.82	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.79	/	21.50
		1	137	/	20.80	/	21.50
		1	271	/	20.85	/	21.50
	DFT-s-OFDM QPSK	135	0	/	20.93	/	21.50
		135	69	/	20.79	/	21.50
		135	138	/	21.02	/	21.50
	DFT-s-OFDM QPSK	270	0	/	21.07	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.95	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.73	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.80	/	21.50
	CP-OFDM QPSK	1	1	/	21.05	/	21.50
	CP-OFDM 16QAM	1	1	/	20.90	/	21.50
	CP-OFDM 64QAM	1	1	/	20.73	/	21.50
	CP-OFDM 256QAM	1	1	/	18.75	/	20.50

N78-ANT2 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	26.50	26.66	26.54	27.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	26.34	26.32	26.25	27.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	26.43	26.52	26.61	27.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	26.43	26.19	26.51	27.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	26.21	26.49	26.48	27.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.51	26.64	26.54	27.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.23	26.37	26.40	27.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	26.54	26.33	26.58	27.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.59	26.60	26.32	27.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.42	26.23	26.44	27.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	26.48	/	27.50
		1	137	/	26.46	/	27.50
		1	271	/	26.42	/	27.50
	DFT-s-OFDM BPSK	135	0	/	26.44	/	27.50
		135	69	/	26.51	/	27.50
		135	138	/	26.45	/	27.50
	DFT-s-OFDM BPSK	270	0	/	25.49	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.35	/	27.50
		1	137	/	26.41	/	27.50
		1	271	/	26.58	/	27.50
	DFT-s-OFDM QPSK	135	0	/	26.32	/	27.50
		135	69	/	26.68	/	27.50
		135	138	/	26.41	/	27.50
	DFT-s-OFDM QPSK	270	0	/	25.33	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.67	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	24.03	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.95	/	23.00
	CP-OFDM QPSK	1	1	/	25.06	/	26.00
	CP-OFDM 16QAM	1	1	/	24.31	/	25.50
	CP-OFDM 64QAM	1	1	/	23.46	/	24.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT2 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.08	20.93	21.10	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.01	21.20	21.31	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.46	21.44	21.31	21.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	21.36	21.17	21.20	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.21	21.25	21.12	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.45	21.31	21.28	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.27	21.43	21.10	21.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	21.46	21.33	21.45	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.99	21.13	21.00	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.03	21.11	21.19	21.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	21.49	/	21.50
		1	137	/	21.16	/	21.50
		1	271	/	21.11	/	21.50
	DFT-s-OFDM BPSK	135	0	/	21.34	/	21.50
		135	69	/	21.44	/	21.50
		135	138	/	21.26	/	21.50
	DFT-s-OFDM BPSK	270	0	/	21.17	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.45	/	21.50
		1	137	/	21.47	/	21.50
		1	271	/	21.37	/	21.50
	DFT-s-OFDM QPSK	135	0	/	21.20	/	21.50
		135	69	/	21.29	/	21.50
		135	138	/	21.26	/	21.50
	DFT-s-OFDM QPSK	270	0	/	21.29	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	21.27	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	21.39	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	21.44	/	21.50
	CP-OFDM QPSK	1	1	/	21.44	/	21.50
	CP-OFDM 16QAM	1	1	/	21.42	/	21.50
	CP-OFDM 64QAM	1	1	/	21.39	/	21.50
	CP-OFDM 256QAM	1	1	/	19.24	/	21.00

N78-ANT2 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.97	23.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	22.70	22.51	22.55	23.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.18	23.11	22.99	23.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	23.26	23.36	23.36	23.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	22.70	23.03	22.92	23.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	22.83	22.94	23.01	23.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.15	23.22	23.32	23.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	23.27	23.25	22.95	23.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.11	22.92	22.87	23.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	22.76	22.64	23.19	23.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	23.11	/	23.50
		1	137	/	22.80	/	23.50
		1	271	/	23.00	/	23.50
	DFT-s-OFDM BPSK	135	0	/	23.15	/	23.50
		135	69	/	23.16	/	23.50
		135	138	/	22.86	/	23.50
	DFT-s-OFDM BPSK	270	0	/	23.15	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.08	/	23.50
		1	137	/	23.10	/	23.50
		1	271	/	23.03	/	23.50
	DFT-s-OFDM QPSK	135	0	/	22.83	/	23.50
		135	69	/	22.98	/	23.50
		135	138	/	23.18	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.90	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.12	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	22.88	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	23.13	/	23.50
	CP-OFDM QPSK	1	1	/	23.04	/	23.50
	CP-OFDM 16QAM	1	1	/	22.80	/	23.50
	CP-OFDM 64QAM	1	1	/	23.15	/	23.50
	CP-OFDM 256QAM	1	1	/	19.10	/	21.00

N78-ANT2 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.53	21.53	21.67	22.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.21	21.23	21.37	22.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.25	21.40	21.48	22.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	21.43	21.20	21.22	22.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.16	21.29	21.49	22.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.48	21.26	21.45	22.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.98	20.96	21.02	22.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	21.42	21.32	21.25	22.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.42	21.50	21.26	22.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.31	21.41	21.33	22.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	21.36	/	22.00
		1	137	/	21.24	/	22.00
		1	271	/	21.35	/	22.00
	DFT-s-OFDM BPSK	135	0	/	21.27	/	22.00
		135	69	/	21.37	/	22.00
		135	138	/	21.21	/	22.00
	DFT-s-OFDM BPSK	270	0	/	21.35	/	22.00
	DFT-s-OFDM QPSK	1	1	/	21.03	/	22.00
		1	137	/	21.36	/	22.00
		1	271	/	21.29	/	22.00
	DFT-s-OFDM QPSK	135	0	/	21.20	/	22.00
		135	69	/	21.21	/	22.00
		135	138	/	21.04	/	22.00
	DFT-s-OFDM QPSK	270	0	/	21.15	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.40	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	21.09	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	21.36	/	22.00
	CP-OFDM QPSK	1	1	/	21.04	/	22.00
	CP-OFDM 16QAM	1	1	/	21.11	/	22.00
	CP-OFDM 64QAM	1	1	/	21.39	/	22.00
	CP-OFDM 256QAM	1	1	/	19.13	/	21.00

N78-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.15	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.00	25.02	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.20	25.29	25.03	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.06	25.00	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.08	25.26	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.15	25.01	25.26	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.05	25.21	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.02	25.00	25.01	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.26	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.18	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.22	/	27.00
		135	69	/	25.37	/	27.00
		135	138	/	25.14	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.14	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.29	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.24	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.12	/	27.00
		135	69	/	25.29	/	27.00
		135	138	/	25.30	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.00	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.34	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.74	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.35	/	22.50
	CP-OFDM QPSK	1	1	/	23.67	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT3 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.24	18.23	18.13	19.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.29	18.33	18.41	19.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.40	18.30	18.21	19.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	18.38	18.45	18.35	19.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.24	18.35	18.42	19.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.10	18.38	18.29	19.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.47	18.15	18.16	19.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	18.32	18.19	18.28	19.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.38	18.17	18.26	19.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.36	18.48	18.18	19.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	18.50	/	19.00
		1	137	/	18.27	/	19.00
		1	271	/	18.21	/	19.00
	DFT-s-OFDM BPSK	135	0	/	18.24	/	19.00
		135	69	/	18.46	/	19.00
		135	138	/	18.32	/	19.00
	DFT-s-OFDM BPSK	270	0	/	18.22	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.48	/	19.00
		1	137	/	18.10	/	19.00
		1	271	/	18.25	/	19.00
	DFT-s-OFDM QPSK	135	0	/	18.22	/	19.00
		135	69	/	18.22	/	19.00
		135	138	/	18.19	/	19.00
	DFT-s-OFDM QPSK	270	0	/	18.44	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.35	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	18.23	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	18.50	/	19.00
	CP-OFDM QPSK	1	1	/	18.43	/	19.00
	CP-OFDM 16QAM	1	1	/	18.48	/	19.00
	CP-OFDM 64QAM	1	1	/	18.39	/	19.00
	CP-OFDM 256QAM	1	1	/	18.24	/	19.00

N78-ANT3 DSI2&3(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.15	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.00	25.02	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.20	25.29	25.03	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.06	25.00	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.08	25.26	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.15	25.01	25.26	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.05	25.21	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.02	25.00	25.01	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.26	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.18	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.22	/	27.00
		135	69	/	25.37	/	27.00
		135	138	/	25.14	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.14	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.29	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.24	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.12	/	27.00
		135	69	/	25.29	/	27.00
		135	138	/	25.30	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.00	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.34	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.74	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.35	/	22.50
	CP-OFDM QPSK	1	1	/	23.67	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT3 DSI4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.44	20.62	20.53	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.12	21.01	20.92	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.57	20.65	20.76	21.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	20.91	20.89	20.82	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.81	20.42	20.52	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.66	20.48	20.67	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.81	20.80	20.81	21.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	20.59	20.58	20.84	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.33	20.45	20.90	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.85	20.92	20.71	21.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	20.76	/	21.50
		1	137	/	20.67	/	21.50
		1	271	/	20.53	/	21.50
	DFT-s-OFDM BPSK	135	0	/	20.82	/	21.50
		135	69	/	20.88	/	21.50
		135	138	/	20.72	/	21.50
	DFT-s-OFDM BPSK	270	0	/	20.76	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.84	/	21.50
		1	137	/	20.75	/	21.50
		1	271	/	20.50	/	21.50
	DFT-s-OFDM QPSK	135	0	/	20.75	/	21.50
		135	69	/	20.75	/	21.50
		135	138	/	20.73	/	21.50
	DFT-s-OFDM QPSK	270	0	/	20.70	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.74	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.67	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.50	/	21.50
	CP-OFDM QPSK	1	1	/	20.65	/	21.50
	CP-OFDM 16QAM	1	1	/	20.72	/	21.50
	CP-OFDM 64QAM	1	1	/	20.80	/	21.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT5 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.06	25.04	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.17	25.22	25.16	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.00	25.17	25.13	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.13	25.04	25.04	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.21	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.11	25.05	25.05	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.03	25.12	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.21	25.04	25.18	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.05	25.25	25.19	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.20	25.09	25.14	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.03	/	27.00
		1	137	/	25.17	/	27.00
		1	271	/	25.08	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.14	/	27.00
		135	69	/	25.13	/	27.00
		135	138	/	25.04	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.11	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.03	/	27.00
		1	137	/	25.09	/	27.00
		1	271	/	25.00	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.10	/	27.00
		135	69	/	25.21	/	27.00
		135	138	/	25.12	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.18	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.20	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.50	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.68	/	22.50
	CP-OFDM QPSK	1	1	/	24.05	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	23.00	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT5 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.64	17.52	17.31	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.53	17.49	17.54	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.66	17.45	17.50	18.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	17.65	17.36	17.55	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.52	17.52	17.37	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.40	17.41	17.40	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.64	17.70	17.69	18.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	17.47	17.53	17.46	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.34	17.53	17.39	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.66	17.56	17.59	18.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	17.39	/	18.00
		1	137	/	17.37	/	18.00
		1	271	/	17.36	/	18.00
	DFT-s-OFDM BPSK	135	0	/	17.44	/	18.00
		135	69	/	17.64	/	18.00
		135	138	/	17.63	/	18.00
	DFT-s-OFDM BPSK	270	0	/	17.53	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.63	/	18.00
		1	137	/	17.70	/	18.00
		1	271	/	17.43	/	18.00
	DFT-s-OFDM QPSK	135	0	/	17.35	/	18.00
		135	69	/	17.61	/	18.00
		135	138	/	17.50	/	18.00
	DFT-s-OFDM QPSK	270	0	/	17.49	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.47	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.30	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	18.00
	CP-OFDM QPSK	1	1	/	17.41	/	18.00
	CP-OFDM 16QAM	1	1	/	17.37	/	18.00
	CP-OFDM 64QAM	1	1	/	17.61	/	18.00
	CP-OFDM 256QAM	1	1	/	17.63	/	18.00

N78-ANT5 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.38	20.59	20.32	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.34	20.56	20.38	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.24	20.53	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	20.57	20.39	20.21	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.47	20.40	20.45	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.55	20.44	20.26	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.30	20.50	20.56	21.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	20.32	20.35	20.49	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.30	20.29	20.34	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.47	20.28	20.42	21.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	20.52	/	21.00
		1	137	/	20.38	/	21.00
		1	271	/	20.46	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.44	/	21.00
		135	69	/	20.55	/	21.00
		135	138	/	20.37	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.37	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.25	/	21.00
		1	137	/	20.53	/	21.00
		1	271	/	20.34	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.34	/	21.00
		135	69	/	20.40	/	21.00
		135	138	/	20.20	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.43	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.20	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.42	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.42	/	21.00
	CP-OFDM QPSK	1	1	/	20.27	/	21.00
	CP-OFDM 16QAM	1	1	/	20.51	/	21.00
	CP-OFDM 64QAM	1	1	/	20.57	/	21.00
	CP-OFDM 256QAM	1	1	/	19.15	/	20.50

N78-ANT6 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	25.14	25.05	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	25.33	25.49	25.52	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.38	25.49	25.43	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.26	25.30	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.33	25.07	25.04	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.31	25.29	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.34	25.54	25.56	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.33	25.15	25.40	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.21	25.04	25.50	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.21	25.53	25.29	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.35	/	27.00
		1	137	/	25.34	/	27.00
		1	271	/	25.12	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.43	/	27.00
		135	69	/	25.13	/	27.00
		135	138	/	25.34	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.40	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.21	/	27.00
		1	137	/	25.41	/	27.00
		1	271	/	25.16	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.42	/	27.00
		135	69	/	25.12	/	27.00
		135	138	/	25.50	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.40	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.40	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.00	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.68	/	22.50
	CP-OFDM QPSK	1	1	/	23.83	/	25.50
	CP-OFDM 16QAM	1	1	/	23.63	/	25.00
	CP-OFDM 64QAM	1	1	/	22.15	/	23.50
	CP-OFDM 256QAM	1	1	/	18.86	/	20.50

N78-ANT6 DSI1(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	17.72	17.73	18.05	18.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	18.05	17.74	17.77	18.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.96	17.86	18.09	18.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	17.78	17.77	17.75	18.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.89	17.80	18.03	18.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.89	18.02	17.74	18.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.09	17.83	17.88	18.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	18.04	17.86	18.09	18.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.73	17.99	17.94	18.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.71	17.72	17.87	18.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	17.92	/	18.50
		1	137	/	17.81	/	18.50
		1	271	/	17.70	/	18.50
	DFT-s-OFDM BPSK	135	0	/	17.78	/	18.50
		135	69	/	18.04	/	18.50
		135	138	/	17.70	/	18.50
	DFT-s-OFDM BPSK	270	0	/	18.04	/	18.50
	DFT-s-OFDM QPSK	1	1	/	18.09	/	18.50
		1	137	/	18.06	/	18.50
		1	271	/	18.00	/	18.50
	DFT-s-OFDM QPSK	135	0	/	18.03	/	18.50
		135	69	/	17.92	/	18.50
		135	138	/	17.90	/	18.50
	DFT-s-OFDM QPSK	270	0	/	18.05	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.88	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	18.01	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	18.01	/	18.50
	CP-OFDM QPSK	1	1	/	17.99	/	18.50
	CP-OFDM 16QAM	1	1	/	17.84	/	18.50
	CP-OFDM 64QAM	1	1	/	18.00	/	18.50
	CP-OFDM 256QAM	1	1	/	18.02	/	18.50

N78-ANT6 DSI2&3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	21.18	21.13	21.16	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	21.13	21.04	21.09	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.07	21.23	21.25	21.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	21.13	21.07	21.11	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.22	21.06	21.31	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.03	21.16	21.22	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.15	21.04	21.22	21.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	21.03	21.15	21.13	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.25	21.14	21.16	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.40	21.39	21.34	21.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	21.34	/	21.50
		1	137	/	21.31	/	21.50
		1	271	/	21.28	/	21.50
	DFT-s-OFDM BPSK	135	0	/	21.37	/	21.50
		135	69	/	21.43	/	21.50
		135	138	/	21.36	/	21.50
	DFT-s-OFDM BPSK	270	0	/	21.26	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.44	/	21.50
		1	137	/	21.37	/	21.50
		1	271	/	21.32	/	21.50
	DFT-s-OFDM QPSK	135	0	/	21.08	/	21.50
		135	69	/	21.07	/	21.50
		135	138	/	21.15	/	21.50
	DFT-s-OFDM QPSK	270	0	/	21.02	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	21.13	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	21.11	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	21.01	/	21.50
	CP-OFDM QPSK	1	1	/	21.07	/	21.50
	CP-OFDM 16QAM	1	1	/	21.06	/	21.50
	CP-OFDM 64QAM	1	1	/	21.03	/	21.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

8.7.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.62	23.48	23.52	25.00
		MID	QPSK	23.67	23.67	23.48	25.00
		HIGH	QPSK	23.56	23.64	23.64	25.00
	3	LOW	QPSK	22.89	22.66	22.81	24.00
		MID	QPSK	22.76	22.84	22.84	24.00
		HIGH	QPSK	22.84	22.42	22.77	24.00
	6	LOW	QPSK	22.80	22.61	22.67	24.00
1.4	1	LOW	Q16	22.59	22.52	22.52	24.00
		MID	Q16	22.80	22.41	22.46	24.00
		HIGH	Q16	22.70	22.60	22.71	24.00
	3	LOW	Q16	21.60	21.51	21.74	23.00
		MID	Q16	21.53	21.60	21.76	23.00
		HIGH	Q16	21.63	21.88	21.73	23.00
	6	LOW	Q16	21.42	21.45	21.58	23.00
1.4	1	LOW	64QAM	21.66	21.60	21.60	23.00
		MID	64QAM	21.80	21.50	21.53	23.00
		HIGH	64QAM	21.72	21.45	21.67	23.00
	3	LOW	64QAM	20.47	20.44	20.69	22.00
		MID	64QAM	20.43	20.49	20.80	22.00
		HIGH	64QAM	20.50	20.87	20.88	22.00
	6	LOW	64QAM	20.48	20.58	20.61	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.57	23.50	23.57	25.00
		MID	QPSK	23.55	23.64	23.66	25.00
		HIGH	QPSK	23.66	23.48	23.64	25.00
	8	LOW	QPSK	22.85	22.61	22.84	24.00
		MID	QPSK	22.49	22.72	22.74	24.00
		HIGH	QPSK	22.50	22.57	22.46	24.00
	15	LOW	QPSK	22.77	22.70	22.57	24.00
3	1	LOW	Q16	22.90	22.46	22.51	24.00
		MID	Q16	22.57	22.68	22.55	24.00
		HIGH	Q16	22.55	22.55	22.44	24.00
	8	LOW	Q16	21.79	21.55	21.52	23.00
		MID	Q16	21.65	21.69	21.60	23.00
		HIGH	Q16	21.51	21.80	21.87	23.00
	15	LOW	Q16	21.84	21.44	21.69	23.00
3	1	LOW	64QAM	21.95	21.66	21.61	23.00
		MID	64QAM	21.43	21.62	21.66	23.00
		HIGH	64QAM	21.34	21.45	21.65	23.00
	8	LOW	64QAM	20.95	20.50	20.67	22.00
		MID	64QAM	20.52	20.67	20.38	22.00
		HIGH	64QAM	20.56	20.68	20.85	22.00
	15	LOW	64QAM	20.72	20.79	20.58	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.60	23.61	23.39	25.00
		MID	QPSK	23.67	23.55	23.44	25.00
		HIGH	QPSK	23.55	23.61	23.51	25.00
	12	LOW	QPSK	22.81	22.58	22.78	24.00
		MID	QPSK	22.55	22.73	22.82	24.00
		HIGH	QPSK	22.73	22.70	22.59	24.00
	25	LOW	QPSK	22.69	22.71	22.59	24.00
5	1	LOW	Q16	22.93	22.73	22.54	24.00
		MID	Q16	22.82	22.82	22.35	24.00
		HIGH	Q16	22.53	22.50	22.51	24.00
	12	LOW	Q16	21.70	21.62	21.53	23.00
		MID	Q16	21.63	21.56	21.70	23.00
		HIGH	Q16	21.53	21.70	21.73	23.00
	25	LOW	Q16	21.76	21.45	21.48	23.00
5	1	LOW	64QAM	21.79	21.70	21.58	23.00
		MID	64QAM	21.47	21.55	21.61	23.00
		HIGH	64QAM	21.37	21.61	21.51	23.00
	12	LOW	64QAM	20.93	20.50	20.47	22.00
		MID	64QAM	20.43	20.83	20.47	22.00
		HIGH	64QAM	20.65	20.60	20.82	22.00
	25	LOW	64QAM	20.61	20.57	20.66	22.00

LTE B2-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.49	23.43	23.54	25.00
		MID	QPSK	23.50	23.61	23.65	25.00
		HIGH	QPSK	23.50	23.48	23.56	25.00
	25	LOW	QPSK	22.70	22.65	22.84	24.00
		MID	QPSK	22.52	22.80	22.70	24.00
		HIGH	QPSK	22.47	22.85	22.63	24.00
	50	LOW	QPSK	22.74	22.66	22.58	24.00
10	1	LOW	Q16	22.80	22.66	22.46	24.00
		MID	Q16	22.63	22.72	22.52	24.00
		HIGH	Q16	22.47	22.57	22.33	24.00
	25	LOW	Q16	21.84	21.52	21.80	23.00
		MID	Q16	21.78	21.69	21.64	23.00
		HIGH	Q16	21.56	21.66	21.66	23.00
	50	LOW	Q16	21.89	21.50	21.74	23.00
10	1	LOW	64QAM	21.80	21.54	21.36	23.00
		MID	64QAM	21.60	21.45	21.52	23.00
		HIGH	64QAM	21.58	21.47	21.55	23.00
	25	LOW	64QAM	20.79	20.56	20.43	22.00
		MID	64QAM	20.43	20.72	20.65	22.00
		HIGH	64QAM	20.86	20.45	20.83	22.00
	50	LOW	64QAM	20.67	20.77	20.61	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.72	23.67	23.54	25.00
		MID	QPSK	23.60	23.69	23.64	25.00
		HIGH	QPSK	23.49	23.43	23.40	25.00
	36	LOW	QPSK	22.78	22.54	22.76	24.00
		MID	QPSK	22.66	22.85	22.87	24.00
		HIGH	QPSK	22.45	22.57	22.57	24.00
	75	LOW	QPSK	22.68	22.66	22.59	24.00
15	1	LOW	Q16	22.67	22.65	22.41	24.00
		MID	Q16	22.79	22.54	22.60	24.00
		HIGH	Q16	22.71	22.51	22.29	24.00
	36	LOW	Q16	21.63	21.67	21.72	23.00
		MID	Q16	21.58	21.65	21.50	23.00
		HIGH	Q16	21.45	21.68	21.75	23.00
	75	LOW	Q16	21.74	21.66	21.74	23.00
15	1	LOW	64QAM	21.89	21.76	21.57	23.00
		MID	64QAM	21.53	21.43	21.56	23.00
		HIGH	64QAM	21.46	21.61	21.53	23.00
	36	LOW	64QAM	20.74	20.51	20.55	22.00
		MID	64QAM	20.69	20.59	20.56	22.00
		HIGH	64QAM	20.82	20.54	20.83	22.00
	75	LOW	64QAM	20.78	20.59	20.86	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.57	23.53	23.52	25.00
		MID	QPSK	23.61	23.63	23.56	25.00
		HIGH	QPSK	23.58	23.52	23.54	25.00
	50	LOW	QPSK	22.71	22.66	22.72	24.00
		MID	QPSK	22.60	22.76	22.72	24.00
		HIGH	QPSK	22.58	22.72	22.48	24.00
	100	LOW	QPSK	22.71	22.61	22.61	24.00
20	1	LOW	Q16	22.79	22.58	22.43	24.00
		MID	Q16	22.68	22.67	22.48	24.00
		HIGH	Q16	22.56	22.49	22.42	24.00
	50	LOW	Q16	21.73	21.61	21.67	23.00
		MID	Q16	21.66	21.70	21.64	23.00
		HIGH	Q16	21.59	21.70	21.81	23.00
	100	LOW	Q16	21.77	21.53	21.59	23.00
20	1	LOW	64QAM	21.81	21.64	21.46	23.00
		MID	64QAM	21.53	21.56	21.60	23.00
		HIGH	64QAM	21.46	21.50	21.56	23.00
	50	LOW	64QAM	20.80	20.60	20.53	22.00
		MID	64QAM	20.58	20.72	20.53	22.00
		HIGH	64QAM	20.71	20.58	20.73	22.00
	100	LOW	64QAM	20.70	20.66	20.71	22.00

LTE B2-DSI1&2&3 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.64	19.70	19.51	21.00
		MID	QPSK	19.44	19.54	19.71	21.00
		HIGH	QPSK	19.55	19.50	19.48	21.00
	3	LOW	QPSK	19.53	19.62	19.64	21.00
		MID	QPSK	19.63	19.34	19.64	21.00
		HIGH	QPSK	19.58	19.73	19.80	21.00
	6	LOW	QPSK	19.49	19.52	19.45	21.00
1.4	1	LOW	Q16	19.56	19.51	19.33	21.00
		MID	Q16	19.60	19.69	19.57	21.00
		HIGH	Q16	19.65	19.53	19.49	21.00
	3	LOW	Q16	19.16	19.31	19.32	21.00
		MID	Q16	19.22	19.47	19.17	21.00
		HIGH	Q16	19.33	19.43	19.50	21.00
	6	LOW	Q16	19.23	19.43	19.59	21.00
1.4	1	LOW	64QAM	19.64	19.62	19.39	21.00
		MID	64QAM	19.58	19.79	19.42	21.00
		HIGH	64QAM	19.51	19.66	19.42	21.00
	3	LOW	64QAM	19.07	19.39	19.44	21.00
		MID	64QAM	19.07	19.40	19.18	21.00
		HIGH	64QAM	19.26	19.28	19.63	21.00
	6	LOW	64QAM	19.08	19.51	19.65	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.45	19.60	19.61	21.00
		MID	QPSK	19.47	19.46	19.67	21.00
		HIGH	QPSK	19.77	19.42	19.50	21.00
	8	LOW	QPSK	19.43	19.46	19.60	21.00
		MID	QPSK	19.63	19.30	19.47	21.00
		HIGH	QPSK	19.46	19.58	19.64	21.00
	15	LOW	QPSK	19.59	19.58	19.66	21.00
3	1	LOW	Q16	19.50	19.33	19.31	21.00
		MID	Q16	19.77	19.60	19.57	21.00
		HIGH	Q16	19.47	19.39	19.26	21.00
	8	LOW	Q16	19.37	19.18	19.45	21.00
		MID	Q16	19.55	19.55	19.09	21.00
		HIGH	Q16	19.38	19.41	19.22	21.00
	15	LOW	Q16	19.10	19.57	19.62	21.00
3	1	LOW	64QAM	19.23	19.45	19.33	21.00
		MID	64QAM	19.40	19.23	19.67	21.00
		HIGH	64QAM	19.32	19.52	19.18	21.00
	8	LOW	64QAM	19.36	19.39	19.62	21.00
		MID	64QAM	19.08	19.36	19.26	21.00
		HIGH	64QAM	19.40	19.64	19.34	21.00
	15	LOW	64QAM	19.15	19.73	19.25	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.58	19.57	19.52	21.00
		MID	QPSK	19.54	19.54	19.78	21.00
		HIGH	QPSK	19.54	19.42	19.46	21.00
	12	LOW	QPSK	19.58	19.41	19.63	21.00
		MID	QPSK	19.62	19.42	19.52	21.00
		HIGH	QPSK	19.38	19.61	19.75	21.00
	25	LOW	QPSK	19.59	19.53	19.69	21.00
5	1	LOW	Q16	19.32	19.46	19.37	21.00
		MID	Q16	19.66	19.60	19.56	21.00
		HIGH	Q16	19.35	19.49	19.42	21.00
	12	LOW	Q16	19.65	19.20	19.36	21.00
		MID	Q16	19.67	19.74	19.22	21.00
		HIGH	Q16	19.22	19.47	19.31	21.00
	25	LOW	Q16	19.25	19.50	19.37	21.00
5	1	LOW	64QAM	19.40	19.31	19.32	21.00
		MID	64QAM	19.44	19.29	19.58	21.00
		HIGH	64QAM	19.38	19.40	19.37	21.00
	12	LOW	64QAM	19.42	19.22	19.54	21.00
		MID	64QAM	19.09	19.28	19.25	21.00
		HIGH	64QAM	19.17	19.55	19.23	21.00
	25	LOW	64QAM	19.22	19.77	19.40	21.00

LTE B2-DSI3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.74	19.55	19.42	21.00
		MID	QPSK	19.52	19.63	19.73	21.00
		HIGH	QPSK	19.71	19.47	19.70	21.00
	25	LOW	QPSK	19.64	19.41	19.53	21.00
		MID	QPSK	19.71	19.35	19.51	21.00
		HIGH	QPSK	19.39	19.58	19.64	21.00
	50	LOW	QPSK	19.55	19.60	19.85	21.00
10	1	LOW	Q16	19.32	19.26	19.35	21.00
		MID	Q16	19.83	19.49	19.63	21.00
		HIGH	Q16	19.36	19.55	19.55	21.00
	25	LOW	Q16	19.53	19.21	19.45	21.00
		MID	Q16	19.50	19.54	19.24	21.00
		HIGH	Q16	19.32	19.49	19.31	21.00
	50	LOW	Q16	19.35	19.61	19.48	21.00
10	1	LOW	64QAM	19.42	19.54	19.42	21.00
		MID	64QAM	19.50	19.45	19.67	21.00
		HIGH	64QAM	19.49	19.42	19.30	21.00
	25	LOW	64QAM	19.54	19.43	19.47	21.00
		MID	64QAM	19.24	19.26	19.43	21.00
		HIGH	64QAM	19.29	19.59	19.36	21.00
	50	LOW	64QAM	19.45	19.68	19.24	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.69	19.59	19.48	21.00
		MID	QPSK	19.38	19.70	19.79	21.00
		HIGH	QPSK	19.75	19.41	19.66	21.00
	36	LOW	QPSK	19.52	19.64	19.72	21.00
		MID	QPSK	19.78	19.60	19.50	21.00
		HIGH	QPSK	19.55	19.56	19.67	21.00
	75	LOW	QPSK	19.79	19.63	19.69	21.00
15	1	LOW	Q16	19.43	19.23	19.26	21.00
		MID	Q16	19.74	19.63	19.80	21.00
		HIGH	Q16	19.33	19.30	19.37	21.00
	36	LOW	Q16	19.51	19.22	19.31	21.00
		MID	Q16	19.67	19.67	19.27	21.00
		HIGH	Q16	19.36	19.67	19.35	21.00
	75	LOW	Q16	19.27	19.42	19.52	21.00
15	1	LOW	64QAM	19.26	19.48	19.58	21.00
		MID	64QAM	19.29	19.23	19.60	21.00
		HIGH	64QAM	19.19	19.56	19.21	21.00
	36	LOW	64QAM	19.52	19.28	19.40	21.00
		MID	64QAM	19.13	19.48	19.44	21.00
		HIGH	64QAM	19.13	19.57	19.24	21.00
	75	LOW	64QAM	19.26	19.81	19.32	21.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.59	19.68	19.57	21.00
		MID	QPSK	19.41	19.57	19.67	21.00
		HIGH	QPSK	19.63	19.39	19.55	21.00
	50	LOW	QPSK	19.53	19.53	19.62	21.00
		MID	QPSK	19.64	19.45	19.47	21.00
		HIGH	QPSK	19.45	19.69	19.65	21.00
	100	LOW	QPSK	19.67	19.77	19.75	21.00
20	1	LOW	Q16	19.47	19.37	19.39	21.00
		MID	Q16	19.77	19.61	19.71	21.00
		HIGH	Q16	19.37	19.44	19.41	21.00
	50	LOW	Q16	19.50	19.32	19.34	21.00
		MID	Q16	19.52	19.60	19.20	21.00
		HIGH	Q16	19.35	19.56	19.20	21.00
	100	LOW	Q16	19.24	19.56	19.49	21.00
20	1	LOW	64QAM	19.31	19.46	19.46	21.00
		MID	64QAM	19.38	19.30	19.52	21.00
		HIGH	64QAM	19.34	19.45	19.28	21.00
	50	LOW	64QAM	19.41	19.30	19.49	21.00
		MID	64QAM	19.10	19.39	19.30	21.00
		HIGH	64QAM	19.26	19.58	19.38	21.00
	100	LOW	64QAM	19.30	19.66	19.26	21.00

LTE B2-DSI4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.64	19.70	19.51	20.00
		MID	QPSK	19.44	19.54	19.71	20.00
		HIGH	QPSK	19.55	19.50	19.48	20.00
	3	LOW	QPSK	19.53	19.62	19.64	20.00
		MID	QPSK	19.63	19.34	19.64	20.00
		HIGH	QPSK	19.58	19.73	19.80	20.00
	6	LOW	QPSK	19.49	19.52	19.45	20.00
1.4	1	LOW	Q16	19.56	19.51	19.33	20.00
		MID	Q16	19.60	19.69	19.57	20.00
		HIGH	Q16	19.65	19.53	19.49	20.00
	3	LOW	Q16	19.16	19.31	19.32	20.00
		MID	Q16	19.22	19.47	19.17	20.00
		HIGH	Q16	19.33	19.43	19.50	20.00
	6	LOW	Q16	19.23	19.43	19.59	20.00
1.4	1	LOW	64QAM	19.64	19.62	19.39	20.00
		MID	64QAM	19.58	19.79	19.42	20.00
		HIGH	64QAM	19.51	19.66	19.42	20.00
	3	LOW	64QAM	19.07	19.39	19.44	20.00
		MID	64QAM	19.07	19.40	19.18	20.00
		HIGH	64QAM	19.26	19.28	19.63	20.00
	6	LOW	64QAM	19.08	19.51	19.65	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.45	19.60	19.61	20.00
		MID	QPSK	19.47	19.46	19.67	20.00
		HIGH	QPSK	19.77	19.42	19.50	20.00
	8	LOW	QPSK	19.43	19.46	19.60	20.00
		MID	QPSK	19.63	19.30	19.47	20.00
		HIGH	QPSK	19.46	19.58	19.64	20.00
	15	LOW	QPSK	19.59	19.58	19.66	20.00
3	1	LOW	Q16	19.50	19.33	19.31	20.00
		MID	Q16	19.77	19.60	19.57	20.00
		HIGH	Q16	19.47	19.39	19.26	20.00
	8	LOW	Q16	19.37	19.18	19.45	20.00
		MID	Q16	19.55	19.55	19.09	20.00
		HIGH	Q16	19.38	19.41	19.22	20.00
	15	LOW	Q16	19.10	19.57	19.62	20.00
3	1	LOW	64QAM	19.23	19.45	19.33	20.00
		MID	64QAM	19.40	19.23	19.67	20.00
		HIGH	64QAM	19.32	19.52	19.18	20.00
	8	LOW	64QAM	19.36	19.39	19.62	20.00
		MID	64QAM	19.08	19.36	19.26	20.00
		HIGH	64QAM	19.40	19.64	19.34	20.00
	15	LOW	64QAM	19.15	19.73	19.25	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.58	19.57	19.52	20.00
		MID	QPSK	19.54	19.54	19.78	20.00
		HIGH	QPSK	19.54	19.42	19.46	20.00
	12	LOW	QPSK	19.58	19.41	19.63	20.00
		MID	QPSK	19.62	19.42	19.52	20.00
		HIGH	QPSK	19.38	19.61	19.75	20.00
	25	LOW	QPSK	19.59	19.53	19.69	20.00
5	1	LOW	Q16	19.32	19.46	19.37	20.00
		MID	Q16	19.66	19.60	19.56	20.00
		HIGH	Q16	19.35	19.49	19.42	20.00
	12	LOW	Q16	19.65	19.20	19.36	20.00
		MID	Q16	19.67	19.74	19.22	20.00
		HIGH	Q16	19.22	19.47	19.31	20.00
	25	LOW	Q16	19.25	19.50	19.37	20.00
5	1	LOW	64QAM	19.40	19.31	19.32	20.00
		MID	64QAM	19.44	19.29	19.58	20.00
		HIGH	64QAM	19.38	19.40	19.37	20.00
	12	LOW	64QAM	19.42	19.22	19.54	20.00
		MID	64QAM	19.09	19.28	19.25	20.00
		HIGH	64QAM	19.17	19.55	19.23	20.00
	25	LOW	64QAM	19.22	19.77	19.40	20.00

LTE B2-DSI3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.74	19.55	19.42	20.00
		MID	QPSK	19.52	19.63	19.73	20.00
		HIGH	QPSK	19.71	19.47	19.70	20.00
	25	LOW	QPSK	19.64	19.41	19.53	20.00
		MID	QPSK	19.71	19.35	19.51	20.00
		HIGH	QPSK	19.39	19.58	19.64	20.00
	50	LOW	QPSK	19.55	19.60	19.85	20.00
10	1	LOW	Q16	19.32	19.26	19.35	20.00
		MID	Q16	19.83	19.49	19.63	20.00
		HIGH	Q16	19.36	19.55	19.55	20.00
	25	LOW	Q16	19.53	19.21	19.45	20.00
		MID	Q16	19.50	19.54	19.24	20.00
		HIGH	Q16	19.32	19.49	19.31	20.00
	50	LOW	Q16	19.35	19.61	19.48	20.00
10	1	LOW	64QAM	19.42	19.54	19.42	20.00
		MID	64QAM	19.50	19.45	19.67	20.00
		HIGH	64QAM	19.49	19.42	19.30	20.00
	25	LOW	64QAM	19.54	19.43	19.47	20.00
		MID	64QAM	19.24	19.26	19.43	20.00
		HIGH	64QAM	19.29	19.59	19.36	20.00
	50	LOW	64QAM	19.45	19.68	19.24	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.69	19.59	19.48	20.00
		MID	QPSK	19.38	19.70	19.79	20.00
		HIGH	QPSK	19.75	19.41	19.66	20.00
	36	LOW	QPSK	19.52	19.64	19.72	20.00
		MID	QPSK	19.78	19.60	19.50	20.00
		HIGH	QPSK	19.55	19.56	19.67	20.00
	75	LOW	QPSK	19.79	19.63	19.69	20.00
15	1	LOW	Q16	19.43	19.23	19.26	20.00
		MID	Q16	19.74	19.63	19.80	20.00
		HIGH	Q16	19.33	19.30	19.37	20.00
	36	LOW	Q16	19.51	19.22	19.31	20.00
		MID	Q16	19.67	19.67	19.27	20.00
		HIGH	Q16	19.36	19.67	19.35	20.00
	75	LOW	Q16	19.27	19.42	19.52	20.00
15	1	LOW	64QAM	19.26	19.48	19.58	20.00
		MID	64QAM	19.29	19.23	19.60	20.00
		HIGH	64QAM	19.19	19.56	19.21	20.00
	36	LOW	64QAM	19.52	19.28	19.40	20.00
		MID	64QAM	19.13	19.48	19.44	20.00
		HIGH	64QAM	19.13	19.57	19.24	20.00
	75	LOW	64QAM	19.26	19.81	19.32	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.59	19.68	19.57	20.00
		MID	QPSK	19.41	19.57	19.67	20.00
		HIGH	QPSK	19.63	19.39	19.55	20.00
	50	LOW	QPSK	19.53	19.53	19.62	20.00
		MID	QPSK	19.64	19.45	19.47	20.00
		HIGH	QPSK	19.45	19.69	19.65	20.00
	100	LOW	QPSK	19.67	19.77	19.75	20.00
20	1	LOW	Q16	19.47	19.37	19.39	20.00
		MID	Q16	19.77	19.61	19.71	20.00
		HIGH	Q16	19.37	19.44	19.41	20.00
	50	LOW	Q16	19.50	19.32	19.34	20.00
		MID	Q16	19.52	19.60	19.20	20.00
		HIGH	Q16	19.35	19.56	19.20	20.00
	100	LOW	Q16	19.24	19.56	19.49	20.00
20	1	LOW	64QAM	19.31	19.46	19.46	20.00
		MID	64QAM	19.38	19.30	19.52	20.00
		HIGH	64QAM	19.34	19.45	19.28	20.00
	50	LOW	64QAM	19.41	19.30	19.49	20.00
		MID	64QAM	19.10	19.39	19.30	20.00
		HIGH	64QAM	19.26	19.58	19.38	20.00
	100	LOW	64QAM	19.30	19.66	19.26	20.00

8.7.2 LTE Band5 Output Power

LTE B5-Full Power -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	24.35	24.39	25.50
		MID	QPSK	24.39	24.17	24.24	25.50
		HIGH	QPSK	24.10	24.19	24.16	25.50
	3	LOW	QPSK	23.50	23.12	23.11	24.50
		MID	QPSK	23.00	23.05	23.01	24.50
		HIGH	QPSK	23.31	23.32	23.17	24.50
	6	LOW	QPSK	23.46	23.21	23.44	24.50
1.4	1	LOW	Q16	22.89	23.34	23.38	24.50
		MID	Q16	23.13	22.92	23.39	24.50
		HIGH	Q16	23.00	23.03	23.26	24.50
	3	LOW	Q16	22.37	22.29	22.25	23.50
		MID	Q16	22.16	22.13	22.17	23.50
		HIGH	Q16	22.80	22.25	22.14	23.50
	6	LOW	Q16	22.34	22.33	21.99	23.50
1.4	1	LOW	64QAM	21.82	22.20	22.37	23.50
		MID	64QAM	22.18	21.83	22.34	23.50
		HIGH	64QAM	22.13	22.17	22.38	23.50
	3	LOW	64QAM	21.40	21.17	21.25	22.50
		MID	64QAM	21.30	21.09	21.28	22.50
		HIGH	64QAM	21.25	21.32	21.00	22.50
	6	LOW	64QAM	21.27	21.36	21.11	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.20	24.21	24.21	25.50
		MID	QPSK	24.27	24.29	24.14	25.50
		HIGH	QPSK	24.11	24.28	24.24	25.50
	8	LOW	QPSK	23.27	23.13	23.09	24.50
		MID	QPSK	23.15	23.09	23.07	24.50
		HIGH	QPSK	23.27	23.42	23.21	24.50
	15	LOW	QPSK	23.26	23.18	23.40	24.50
3	1	LOW	Q16	23.13	23.43	23.44	24.50
		MID	Q16	23.21	22.99	23.38	24.50
		HIGH	Q16	22.91	22.94	23.18	24.50
	8	LOW	Q16	22.42	22.32	22.40	23.50
		MID	Q16	22.42	22.09	22.16	23.50
		HIGH	Q16	22.05	22.14	22.05	23.50
	15	LOW	Q16	22.38	22.28	22.10	23.50
3	1	LOW	64QAM	22.16	22.22	22.41	23.50
		MID	64QAM	22.23	22.16	22.16	23.50
		HIGH	64QAM	21.99	21.97	22.04	23.50
	8	LOW	64QAM	21.35	21.13	21.20	22.50
		MID	64QAM	21.37	21.20	21.18	22.50
		HIGH	64QAM	20.78	21.11	20.97	22.50
	15	LOW	64QAM	21.25	21.44	20.90	22.50

LTE B5-Full Power -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.27	24.14	24.40	25.50
		MID	QPSK	24.11	24.27	24.17	25.50
		HIGH	QPSK	24.12	24.07	24.35	25.50
	12	LOW	QPSK	23.27	23.17	22.87	24.50
		MID	QPSK	23.09	22.92	23.04	24.50
		HIGH	QPSK	23.40	23.17	23.45	24.50
	25	LOW	QPSK	23.52	23.10	23.23	24.50
5	1	LOW	Q16	23.02	23.28	23.48	24.50
		MID	Q16	23.29	22.89	23.44	24.50
		HIGH	Q16	22.94	22.94	23.08	24.50
	12	LOW	Q16	22.41	22.07	22.24	23.50
		MID	Q16	22.32	22.20	22.26	23.50
		HIGH	Q16	21.90	22.07	22.19	23.50
	25	LOW	Q16	22.26	22.22	21.97	23.50
5	1	LOW	64QAM	22.03	22.37	22.65	23.50
		MID	64QAM	22.39	22.13	22.21	23.50
		HIGH	64QAM	21.76	21.86	22.14	23.50
	12	LOW	64QAM	21.07	21.16	21.09	22.50
		MID	64QAM	21.30	21.19	21.21	22.50
		HIGH	64QAM	20.80	21.25	21.19	22.50
	25	LOW	64QAM	21.25	21.38	20.93	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.23	24.25	24.25	25.50
		MID	QPSK	24.24	24.24	24.27	25.50
		HIGH	QPSK	24.21	24.22	24.26	25.50
	25	LOW	QPSK	23.35	23.17	22.98	24.50
		MID	QPSK	23.15	23.05	23.09	24.50
		HIGH	QPSK	23.34	23.28	23.32	24.50
	50	LOW	QPSK	23.38	23.18	23.32	24.50
10	1	LOW	Q16	23.02	23.29	23.36	24.50
		MID	Q16	23.18	23.01	23.32	24.50
		HIGH	Q16	22.98	23.03	23.13	24.50
	25	LOW	Q16	22.30	22.18	22.30	23.50
		MID	Q16	22.27	22.07	22.15	23.50
		HIGH	Q16	22.05	22.04	22.18	23.50
	50	LOW	Q16	22.25	22.20	22.03	23.50
10	1	LOW	64QAM	22.04	22.22	22.50	23.50
		MID	64QAM	22.24	22.14	22.22	23.50
		HIGH	64QAM	21.90	21.90	22.13	23.50
	25	LOW	64QAM	21.22	21.16	21.20	22.50
		MID	64QAM	21.32	21.11	21.30	22.50
		HIGH	64QAM	20.91	21.12	21.08	22.50
	50	LOW	64QAM	21.26	21.35	20.90	22.50

LTE B5-DSI1 -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.12	22.28	22.34	23.50
		MID	QPSK	23.13	23.38	23.22	23.50
		HIGH	QPSK	23.20	23.02	23.18	23.50
	3	LOW	QPSK	22.44	22.35	21.99	23.50
		MID	QPSK	22.16	22.16	22.16	23.50
		HIGH	QPSK	22.17	22.17	22.17	23.50
	6	LOW	QPSK	22.32	22.18	22.14	23.50
1.4	1	LOW	Q16	22.95	22.29	22.46	23.50
		MID	Q16	22.11	22.12	22.41	23.50
		HIGH	Q16	22.18	22.21	22.05	23.50
	3	LOW	Q16	22.20	21.71	21.80	23.50
		MID	Q16	22.24	22.20	22.24	23.50
		HIGH	Q16	22.02	21.90	22.23	23.50
	6	LOW	Q16	22.27	22.02	22.01	23.50
1.4	1	LOW	64QAM	22.02	22.41	22.40	23.50
		MID	64QAM	22.04	22.34	22.28	23.50
		HIGH	64QAM	22.02	22.05	22.04	23.50
	3	LOW	64QAM	21.33	21.04	21.11	22.50
		MID	64QAM	21.35	21.29	21.13	22.50
		HIGH	64QAM	20.86	21.30	21.04	22.50
	6	LOW	64QAM	21.14	21.33	21.04	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.18	22.38	22.30	23.50
		MID	QPSK	23.34	23.24	23.18	23.50
		HIGH	QPSK	23.05	23.13	23.46	23.50
	8	LOW	QPSK	22.45	22.25	21.96	23.50
		MID	QPSK	22.04	21.88	21.89	23.50
		HIGH	QPSK	22.26	22.35	22.31	23.50
	15	LOW	QPSK	22.45	22.09	22.47	23.50
3	1	LOW	Q16	23.22	22.39	22.19	23.50
		MID	Q16	22.17	21.95	22.39	23.50
		HIGH	Q16	22.13	22.00	22.21	23.50
	8	LOW	Q16	22.42	21.81	21.94	23.50
		MID	Q16	22.37	21.91	22.15	23.50
		HIGH	Q16	22.07	21.98	22.34	23.50
	15	LOW	Q16	22.30	22.37	22.06	23.50
3	1	LOW	64QAM	22.02	22.31	22.64	23.50
		MID	64QAM	22.31	22.11	22.17	23.50
		HIGH	64QAM	21.89	22.00	22.02	23.50
	8	LOW	64QAM	21.34	21.23	21.24	22.50
		MID	64QAM	21.42	21.27	21.11	22.50
		HIGH	64QAM	20.82	21.08	21.00	22.50
	15	LOW	64QAM	21.33	21.43	20.98	22.50

LTE B5-DSI1 -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.36	22.29	22.34	23.50
		MID	QPSK	23.26	23.04	23.33	23.50
		HIGH	QPSK	23.21	23.22	23.25	23.50
	12	LOW	QPSK	22.18	22.03	21.83	23.50
		MID	QPSK	22.27	22.18	22.27	23.50
		HIGH	QPSK	22.38	22.19	22.34	23.50
	25	LOW	QPSK	22.19	21.99	22.51	23.50
5	1	LOW	Q16	23.21	22.24	22.24	23.50
		MID	Q16	22.16	21.92	22.17	23.50
		HIGH	Q16	21.84	22.06	22.19	23.50
	12	LOW	Q16	22.50	21.98	21.69	23.50
		MID	Q16	22.30	22.13	22.15	23.50
		HIGH	Q16	22.22	22.06	22.04	23.50
	25	LOW	Q16	22.05	22.01	22.00	23.50
5	1	LOW	64QAM	22.14	22.22	22.64	23.50
		MID	64QAM	22.30	22.30	22.33	23.50
		HIGH	64QAM	22.01	21.73	22.03	23.50
	12	LOW	64QAM	21.12	21.35	21.10	22.50
		MID	64QAM	21.12	20.91	21.17	22.50
		HIGH	64QAM	20.71	21.27	21.14	22.50
	25	LOW	64QAM	21.09	21.23	20.73	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.25	22.40	22.35	23.50
		MID	QPSK	23.15	23.10	23.31	23.50
		HIGH	QPSK	23.20	23.41	23.40	23.50
	25	LOW	QPSK	22.52	22.20	21.98	23.50
		MID	QPSK	22.23	22.22	22.09	23.50
		HIGH	QPSK	22.40	22.10	22.18	23.50
	50	LOW	QPSK	22.44	22.13	22.33	23.50
10	1	LOW	Q16	23.18	22.19	22.23	23.50
		MID	Q16	22.09	22.11	22.47	23.50
		HIGH	Q16	22.04	21.90	22.23	23.50
	25	LOW	Q16	22.47	21.55	21.94	23.50
		MID	Q16	22.10	21.97	22.17	23.50
		HIGH	Q16	22.09	22.10	22.23	23.50
	50	LOW	Q16	22.15	22.24	22.14	23.50
10	1	LOW	64QAM	22.10	22.24	22.35	23.50
		MID	64QAM	22.30	21.94	22.05	23.50
		HIGH	64QAM	21.86	21.78	22.24	23.50
	25	LOW	64QAM	21.19	21.33	21.17	22.50
		MID	64QAM	21.36	20.92	21.16	22.50
		HIGH	64QAM	20.83	21.01	21.08	22.50
	50	LOW	64QAM	21.20	21.47	21.06	22.50

LTE B5-DSI2&3&4 -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.12	24.35	24.39	25.50
		MID	QPSK	24.39	24.17	24.24	25.50
		HIGH	QPSK	24.10	24.19	24.16	25.50
	3	LOW	QPSK	23.50	23.12	23.11	24.50
		MID	QPSK	23.00	23.05	23.01	24.50
		HIGH	QPSK	23.31	23.32	23.17	24.50
	6	LOW	QPSK	23.46	23.21	23.44	24.50
1.4	1	LOW	Q16	22.89	23.34	23.38	24.50
		MID	Q16	23.13	22.92	23.39	24.50
		HIGH	Q16	23.00	23.03	23.26	24.50
	3	LOW	Q16	22.37	22.29	22.25	23.50
		MID	Q16	22.16	22.13	22.17	23.50
		HIGH	Q16	22.80	22.25	22.14	23.50
	6	LOW	Q16	22.34	22.33	21.99	23.50
1.4	1	LOW	64QAM	21.82	22.20	22.37	23.50
		MID	64QAM	22.18	21.83	22.34	23.50
		HIGH	64QAM	22.13	22.17	22.38	23.50
	3	LOW	64QAM	21.40	21.17	21.25	22.50
		MID	64QAM	21.30	21.09	21.28	22.50
		HIGH	64QAM	21.25	21.32	21.00	22.50
	6	LOW	64QAM	21.27	21.36	21.11	22.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.20	24.21	24.21	25.50
		MID	QPSK	24.27	24.29	24.14	25.50
		HIGH	QPSK	24.11	24.28	24.24	25.50
	8	LOW	QPSK	23.27	23.13	23.09	24.50
		MID	QPSK	23.15	23.09	23.07	24.50
		HIGH	QPSK	23.27	23.42	23.21	24.50
	15	LOW	QPSK	23.26	23.18	23.40	24.50
3	1	LOW	Q16	23.13	23.43	23.44	24.50
		MID	Q16	23.21	22.99	23.38	24.50
		HIGH	Q16	22.91	22.94	23.18	24.50
	8	LOW	Q16	22.42	22.32	22.40	23.50
		MID	Q16	22.42	22.09	22.16	23.50
		HIGH	Q16	22.05	22.14	22.05	23.50
	15	LOW	Q16	22.38	22.28	22.10	23.50
3	1	LOW	64QAM	22.16	22.22	22.41	23.50
		MID	64QAM	22.23	22.16	22.16	23.50
		HIGH	64QAM	21.99	21.97	22.04	23.50
	8	LOW	64QAM	21.35	21.13	21.20	22.50
		MID	64QAM	21.37	21.20	21.18	22.50
		HIGH	64QAM	20.78	21.11	20.97	22.50
	15	LOW	64QAM	21.25	21.44	20.90	22.50

LTE B5-DSI2&3&4 -Ant.4							
Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.27	24.14	24.40	25.50
		MID	QPSK	24.11	24.27	24.17	25.50
		HIGH	QPSK	24.12	24.07	24.35	25.50
	12	LOW	QPSK	23.27	23.17	22.87	24.50
		MID	QPSK	23.09	22.92	23.04	24.50
		HIGH	QPSK	23.40	23.17	23.45	24.50
	25	LOW	QPSK	23.52	23.10	23.23	24.50
5	1	LOW	Q16	23.02	23.28	23.48	24.50
		MID	Q16	23.29	22.89	23.44	24.50
		HIGH	Q16	22.94	22.94	23.08	24.50
	12	LOW	Q16	22.41	22.07	22.24	23.50
		MID	Q16	22.32	22.20	22.26	23.50
		HIGH	Q16	21.90	22.07	22.19	23.50
	25	LOW	Q16	22.26	22.22	21.97	23.50
5	1	LOW	64QAM	22.03	22.37	22.65	23.50
		MID	64QAM	22.39	22.13	22.21	23.50
		HIGH	64QAM	21.76	21.86	22.14	23.50
	12	LOW	64QAM	21.07	21.16	21.09	22.50
		MID	64QAM	21.30	21.19	21.21	22.50
		HIGH	64QAM	20.80	21.25	21.19	22.50
	25	LOW	64QAM	21.25	21.38	20.93	22.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.23	24.25	24.25	25.50
		MID	QPSK	24.24	24.24	24.27	25.50
		HIGH	QPSK	24.21	24.22	24.26	25.50
	25	LOW	QPSK	23.35	23.17	22.98	24.50
		MID	QPSK	23.15	23.05	23.09	24.50
		HIGH	QPSK	23.34	23.28	23.32	24.50
	50	LOW	QPSK	23.38	23.18	23.32	24.50
10	1	LOW	Q16	23.02	23.29	23.36	24.50
		MID	Q16	23.18	23.01	23.32	24.50
		HIGH	Q16	22.98	23.03	23.13	24.50
	25	LOW	Q16	22.30	22.18	22.30	23.50
		MID	Q16	22.27	22.07	22.15	23.50
		HIGH	Q16	22.05	22.04	22.18	23.50
	50	LOW	Q16	22.25	22.20	22.03	23.50
10	1	LOW	64QAM	22.04	22.22	22.50	23.50
		MID	64QAM	22.24	22.14	22.22	23.50
		HIGH	64QAM	21.90	21.90	22.13	23.50
	25	LOW	64QAM	21.22	21.16	21.20	22.50
		MID	64QAM	21.32	21.11	21.30	22.50
		HIGH	64QAM	20.91	21.12	21.08	22.50
	50	LOW	64QAM	21.26	21.35	20.90	22.50

8.7.3 LTE Band7 Output Power

LTE B7-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.29	23.30	24.50
		MID	QPSK	23.52	23.37	23.43	24.50
		HIGH	QPSK	23.27	23.36	23.35	24.50
	12	LOW	QPSK	22.25	22.34	22.34	23.50
		MID	QPSK	22.48	22.31	22.48	23.50
		HIGH	QPSK	22.15	22.53	22.27	23.50
	25	LOW	QPSK	22.38	22.56	22.65	23.50
5	1	LOW	Q16	22.43	22.45	22.33	23.50
		MID	Q16	22.37	22.37	22.33	23.50
		HIGH	Q16	22.29	22.70	22.48	23.50
	12	LOW	Q16	21.21	21.40	21.33	22.50
		MID	Q16	21.49	21.22	21.28	22.50
		HIGH	Q16	21.03	21.18	21.19	22.50
	25	LOW	Q16	21.40	21.37	21.08	22.50
5	1	LOW	64QAM	21.56	21.57	21.40	22.50
		MID	64QAM	21.50	21.51	21.46	22.50
		HIGH	64QAM	21.37	21.68	21.42	22.50
	12	LOW	64QAM	20.08	20.27	20.31	21.50
		MID	64QAM	20.45	20.23	20.28	21.50
		HIGH	64QAM	20.18	20.09	20.05	21.50
	25	LOW	64QAM	20.39	20.33	20.20	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.49	23.22	23.30	24.50
		MID	QPSK	23.56	23.39	23.64	24.50
		HIGH	QPSK	23.17	23.31	23.37	24.50
	25	LOW	QPSK	22.40	22.36	22.60	23.50
		MID	QPSK	22.45	22.26	22.41	23.50
		HIGH	QPSK	22.35	22.22	22.43	23.50
	50	LOW	QPSK	22.31	22.46	22.48	23.50
10	1	LOW	Q16	22.33	22.30	22.60	23.50
		MID	Q16	22.50	22.48	22.51	23.50
		HIGH	Q16	22.44	22.49	22.44	23.50
	25	LOW	Q16	21.27	21.38	21.50	22.50
		MID	Q16	21.18	21.42	21.56	22.50
		HIGH	Q16	21.15	21.12	21.32	22.50
	50	LOW	Q16	21.56	21.25	21.42	22.50
10	1	LOW	64QAM	21.50	21.28	21.69	22.50
		MID	64QAM	21.40	21.35	21.23	22.50
		HIGH	64QAM	21.41	21.29	21.25	22.50
	25	LOW	64QAM	20.09	20.36	20.48	21.50
		MID	64QAM	20.29	20.43	20.32	21.50
		HIGH	64QAM	20.20	20.07	20.34	21.50
	50	LOW	64QAM	20.56	20.03	20.64	21.50

LTE B7-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.47	23.27	23.51	24.50
		MID	QPSK	23.40	23.47	23.61	24.50
		HIGH	QPSK	23.41	23.36	23.21	24.50
	36	LOW	QPSK	22.43	22.38	22.76	23.50
		MID	QPSK	22.58	22.45	22.15	23.50
		HIGH	QPSK	22.51	22.43	22.39	23.50
	75	LOW	QPSK	22.41	22.52	22.28	23.50
15	1	LOW	Q16	22.37	22.45	22.77	23.50
		MID	Q16	22.55	22.56	22.45	23.50
		HIGH	Q16	22.40	22.51	22.32	23.50
	36	LOW	Q16	21.25	21.48	21.53	22.50
		MID	Q16	21.22	21.57	21.28	22.50
		HIGH	Q16	21.29	21.37	21.24	22.50
	75	LOW	Q16	21.52	21.25	21.54	22.50
15	1	LOW	64QAM	21.52	21.56	21.66	22.50
		MID	64QAM	21.16	21.47	21.39	22.50
		HIGH	64QAM	21.48	21.54	21.49	22.50
	36	LOW	64QAM	20.02	20.56	20.36	21.50
		MID	64QAM	20.30	20.55	20.43	21.50
		HIGH	64QAM	20.10	20.15	20.57	21.50
	75	LOW	64QAM	20.72	20.19	20.42	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.35	23.32	23.36	24.50
		MID	QPSK	23.48	23.47	23.51	24.50
		HIGH	QPSK	23.31	23.35	23.32	24.50
	50	LOW	QPSK	22.30	22.41	22.61	23.50
		MID	QPSK	22.49	22.35	22.28	23.50
		HIGH	QPSK	22.38	22.31	22.29	23.50
	100	LOW	QPSK	22.45	22.43	22.36	23.50
20	1	LOW	Q16	22.33	22.42	22.62	23.50
		MID	Q16	22.40	22.50	22.37	23.50
		HIGH	Q16	22.44	22.39	22.31	23.50
	50	LOW	Q16	21.18	21.36	21.55	22.50
		MID	Q16	21.32	21.47	21.42	22.50
		HIGH	Q16	21.16	21.23	21.37	22.50
	100	LOW	Q16	21.55	21.21	21.44	22.50
20	1	LOW	64QAM	21.47	21.42	21.58	22.50
		MID	64QAM	21.26	21.50	21.38	22.50
		HIGH	64QAM	21.37	21.41	21.35	22.50
	50	LOW	64QAM	20.05	20.44	20.41	21.50
		MID	64QAM	20.28	20.50	20.42	21.50
		HIGH	64QAM	20.20	20.17	20.47	21.50
	100	LOW	64QAM	20.70	20.14	20.50	21.50

LTE B7-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.46	20.33	20.63	21.50
		MID	QPSK	20.36	20.73	20.57	21.50
		HIGH	QPSK	20.21	20.48	20.55	21.50
	12	LOW	QPSK	20.57	20.33	20.21	21.50
		MID	QPSK	20.58	20.34	20.47	21.50
		HIGH	QPSK	20.48	20.56	20.25	21.50
	25	LOW	QPSK	20.42	20.23	20.40	21.50
5	1	LOW	Q16	20.26	20.52	20.40	21.50
		MID	Q16	20.53	20.58	20.55	21.50
		HIGH	Q16	20.55	20.60	20.71	21.50
	12	LOW	Q16	20.55	20.37	20.37	21.50
		MID	Q16	20.37	20.44	20.48	21.50
		HIGH	Q16	20.29	20.22	20.52	21.50
	25	LOW	Q16	20.55	20.63	20.44	21.50
5	1	LOW	64QAM	20.23	20.55	20.30	21.50
		MID	64QAM	20.45	20.62	20.68	21.50
		HIGH	64QAM	20.49	20.51	20.60	21.50
	12	LOW	64QAM	20.41	20.38	20.31	21.50
		MID	64QAM	20.26	20.31	20.51	21.50
		HIGH	64QAM	20.31	20.09	20.58	21.50
	25	LOW	64QAM	20.61	20.57	20.32	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.65	20.53	20.61	21.50
		MID	QPSK	20.51	20.84	20.59	21.50
		HIGH	QPSK	20.26	20.57	20.53	21.50
	25	LOW	QPSK	20.21	20.55	20.09	21.50
		MID	QPSK	20.56	20.33	20.57	21.50
		HIGH	QPSK	20.35	20.46	20.50	21.50
	50	LOW	QPSK	20.38	20.48	20.67	21.50
10	1	LOW	Q16	20.50	20.53	20.67	21.50
		MID	Q16	20.47	20.66	20.42	21.50
		HIGH	Q16	20.55	20.70	20.60	21.50
	25	LOW	Q16	20.52	20.53	20.40	21.50
		MID	Q16	20.57	20.18	20.24	21.50
		HIGH	Q16	20.33	20.49	20.63	21.50
	50	LOW	Q16	20.64	20.41	20.75	21.50
10	1	LOW	64QAM	20.24	20.25	20.25	21.50
		MID	64QAM	20.42	20.47	20.17	21.50
		HIGH	64QAM	20.47	20.58	20.33	21.50
	25	LOW	64QAM	20.65	20.70	20.68	21.50
		MID	64QAM	20.90	20.76	20.46	21.50
		HIGH	64QAM	20.50	20.51	20.57	21.50
	50	LOW	64QAM	20.78	20.26	20.86	21.50

LTE B7-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.65	20.33	20.44	21.50
		MID	QPSK	20.51	20.71	20.46	21.50
		HIGH	QPSK	20.29	20.50	20.65	21.50
	36	LOW	QPSK	20.23	20.49	20.21	21.50
		MID	QPSK	20.37	20.39	20.52	21.50
		HIGH	QPSK	20.45	20.52	20.34	21.50
	75	LOW	QPSK	20.41	20.31	20.68	21.50
15	1	LOW	Q16	20.43	20.59	20.44	21.50
		MID	Q16	20.44	20.80	20.43	21.50
		HIGH	Q16	20.63	20.52	20.44	21.50
	36	LOW	Q16	20.52	20.58	20.35	21.50
		MID	Q16	20.53	20.17	20.32	21.50
		HIGH	Q16	20.47	20.46	20.79	21.50
	75	LOW	Q16	20.65	20.66	20.71	21.50
15	1	LOW	64QAM	20.02	20.30	20.24	21.50
		MID	64QAM	20.38	20.47	20.16	21.50
		HIGH	64QAM	20.50	20.57	20.40	21.50
	36	LOW	64QAM	20.60	20.72	20.62	21.50
		MID	64QAM	20.70	20.59	20.67	21.50
		HIGH	64QAM	20.58	20.57	20.46	21.50
	75	LOW	64QAM	20.66	20.26	21.05	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.77	20.40	20.52	21.50
		MID	QPSK	20.51	20.69	20.44	21.50
		HIGH	QPSK	20.34	20.62	20.59	21.50
	50	LOW	QPSK	20.25	20.41	20.22	21.50
		MID	QPSK	20.47	20.36	20.46	21.50
		HIGH	QPSK	20.45	20.56	20.39	21.50
	100	LOW	QPSK	20.57	20.38	20.55	21.50
20	1	LOW	Q16	20.49	20.49	20.57	21.50
		MID	Q16	20.45	20.67	20.39	21.50
		HIGH	Q16	20.53	20.59	20.56	21.50
	50	LOW	Q16	20.57	20.48	20.34	21.50
		MID	Q16	20.50	20.31	20.32	21.50
		HIGH	Q16	20.48	20.37	20.64	21.50
	100	LOW	Q16	20.53	20.55	20.66	21.50
20	1	LOW	64QAM	20.15	20.34	20.20	21.50
		MID	64QAM	20.32	20.37	20.29	21.50
		HIGH	64QAM	20.41	20.57	20.46	21.50
	50	LOW	64QAM	20.54	20.70	20.77	21.50
		MID	64QAM	20.84	20.63	20.60	21.50
		HIGH	64QAM	20.60	20.50	20.53	21.50
	100	LOW	64QAM	20.77	20.33	20.90	21.50

LTE B7-DSI2&3 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.93	23.06	22.87	24.00
		MID	QPSK	23.04	22.99	22.81	24.00
		HIGH	QPSK	23.09	23.20	23.03	24.00
	12	LOW	QPSK	22.35	22.45	22.73	23.50
		MID	QPSK	22.53	22.66	22.50	23.50
		HIGH	QPSK	22.51	22.63	22.20	23.50
	25	LOW	QPSK	22.39	22.58	22.61	23.50
5	1	LOW	Q16	22.59	22.72	22.30	23.50
		MID	Q16	22.80	22.50	22.75	23.50
		HIGH	Q16	22.53	22.45	22.80	23.50
	12	LOW	Q16	21.53	21.58	21.73	22.50
		MID	Q16	21.69	21.71	21.49	22.50
		HIGH	Q16	21.64	21.42	21.40	22.50
	25	LOW	Q16	21.89	21.61	21.50	22.50
5	1	LOW	64QAM	21.51	21.67	21.39	22.50
		MID	64QAM	21.76	21.53	21.65	22.50
		HIGH	64QAM	21.43	21.54	21.92	22.50
	12	LOW	64QAM	20.65	20.70	20.81	21.50
		MID	64QAM	20.79	20.85	20.52	21.50
		HIGH	64QAM	20.74	20.48	20.52	21.50
	25	LOW	64QAM	20.96	20.49	20.57	21.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.12	23.09	22.75	24.00
		MID	QPSK	22.85	22.96	23.00	24.00
		HIGH	QPSK	22.99	23.07	23.10	24.00
	25	LOW	QPSK	22.66	22.58	22.39	23.50
		MID	QPSK	22.44	22.60	22.44	23.50
		HIGH	QPSK	22.23	22.67	22.67	23.50
	50	LOW	QPSK	22.75	22.75	22.85	23.50
10	1	LOW	Q16	22.61	22.77	22.83	23.50
		MID	Q16	22.75	22.55	22.63	23.50
		HIGH	Q16	22.57	22.56	22.54	23.50
	25	LOW	Q16	21.77	21.81	21.80	22.50
		MID	Q16	21.45	21.75	21.76	22.50
		HIGH	Q16	21.92	21.69	21.59	22.50
	50	LOW	Q16	21.84	21.39	21.40	22.50
10	1	LOW	64QAM	21.31	21.43	21.31	22.50
		MID	64QAM	21.44	21.45	21.15	22.50
		HIGH	64QAM	21.49	21.44	21.32	22.50
	25	LOW	64QAM	20.35	20.35	20.45	21.50
		MID	64QAM	20.31	20.75	20.54	21.50
		HIGH	64QAM	20.15	20.57	20.22	21.50
	50	LOW	64QAM	20.32	20.29	20.08	21.50

LTE B7-DSI2&3 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.87	23.08	22.79	24.00
		MID	QPSK	23.08	23.21	22.92	24.00
		HIGH	QPSK	23.09	23.04	23.08	24.00
	36	LOW	QPSK	22.57	22.37	22.22	23.50
		MID	QPSK	22.60	22.75	22.49	23.50
		HIGH	QPSK	22.33	22.69	22.71	23.50
	75	LOW	QPSK	22.48	22.47	22.73	23.50
15	1	LOW	Q16	22.56	22.61	22.65	23.50
		MID	Q16	22.87	22.32	22.62	23.50
		HIGH	Q16	22.61	22.43	22.59	23.50
	36	LOW	Q16	21.78	21.69	21.72	22.50
		MID	Q16	21.71	21.72	21.69	22.50
		HIGH	Q16	21.72	21.51	21.46	22.50
	75	LOW	Q16	21.87	21.62	21.47	22.50
15	1	LOW	64QAM	21.40	21.34	21.09	22.50
		MID	64QAM	21.60	21.39	21.05	22.50
		HIGH	64QAM	21.66	21.19	21.54	22.50
	36	LOW	64QAM	20.37	20.44	20.31	21.50
		MID	64QAM	20.14	20.61	20.53	21.50
		HIGH	64QAM	20.13	20.72	20.20	21.50
	75	LOW	64QAM	20.27	20.29	20.17	21.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.21	23.07	22.83	24.00
		MID	QPSK	22.98	23.11	22.86	24.00
		HIGH	QPSK	22.96	23.17	23.18	24.00
	50	LOW	QPSK	22.52	22.44	22.32	23.50
		MID	QPSK	22.73	22.68	22.39	23.50
		HIGH	QPSK	22.35	22.61	22.56	23.50
	100	LOW	QPSK	22.76	22.60	22.71	23.50
20	1	LOW	Q16	22.59	22.69	22.75	23.50
		MID	Q16	22.73	22.40	22.73	23.50
		HIGH	Q16	22.71	22.49	22.67	23.50
	50	LOW	Q16	21.69	21.67	21.76	22.50
		MID	Q16	21.56	21.63	21.78	22.50
		HIGH	Q16	21.87	21.57	21.59	22.50
	100	LOW	Q16	21.82	21.48	21.49	22.50
20	1	LOW	64QAM	21.34	21.33	21.24	22.50
		MID	64QAM	21.48	21.32	21.13	22.50
		HIGH	64QAM	21.52	21.32	21.46	22.50
	50	LOW	64QAM	20.27	20.35	20.46	21.50
		MID	64QAM	20.28	20.66	20.51	21.50
		HIGH	64QAM	20.23	20.60	20.19	21.50
	100	LOW	64QAM	20.41	20.39	20.20	21.50

LTE B7-DSI4 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.53	18.79	18.51	19.50
		MID	QPSK	18.39	18.40	18.65	19.50
		HIGH	QPSK	18.59	18.35	18.43	19.50
	12	LOW	QPSK	18.67	18.30	18.17	19.50
		MID	QPSK	18.26	18.52	18.49	19.50
		HIGH	QPSK	18.40	18.39	18.17	19.50
	25	LOW	QPSK	18.51	18.31	18.29	19.50
5	1	LOW	Q16	18.22	18.22	18.58	19.50
		MID	Q16	18.10	18.67	18.12	19.50
		HIGH	Q16	18.25	18.61	18.37	19.50
	12	LOW	Q16	18.33	18.17	18.26	19.50
		MID	Q16	18.63	18.48	18.33	19.50
		HIGH	Q16	18.19	18.27	18.31	19.50
	25	LOW	Q16	18.25	18.60	18.45	19.50
5	1	LOW	64QAM	18.71	18.71	18.66	19.50
		MID	64QAM	18.67	18.19	18.96	19.50
		HIGH	64QAM	18.75	18.60	18.53	19.50
	12	LOW	64QAM	18.56	18.77	18.53	19.50
		MID	64QAM	18.93	18.49	18.69	19.50
		HIGH	64QAM	18.89	18.35	18.64	19.50
	25	LOW	64QAM	18.61	18.55	18.39	19.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.48	18.55	18.42	19.50
		MID	QPSK	18.15	18.52	18.62	19.50
		HIGH	QPSK	18.49	18.43	18.69	19.50
	25	LOW	QPSK	18.84	18.38	18.12	19.50
		MID	QPSK	18.36	18.61	18.65	19.50
		HIGH	QPSK	18.43	18.75	18.43	19.50
	50	LOW	QPSK	18.47	18.50	18.31	19.50
10	1	LOW	Q16	18.35	18.49	18.59	19.50
		MID	Q16	18.46	18.76	18.33	19.50
		HIGH	Q16	18.26	18.54	18.46	19.50
	25	LOW	Q16	18.40	18.28	18.20	19.50
		MID	Q16	18.40	18.36	18.34	19.50
		HIGH	Q16	18.18	18.46	18.42	19.50
	50	LOW	Q16	18.30	18.50	18.31	19.50
10	1	LOW	64QAM	18.77	18.66	18.95	19.50
		MID	64QAM	18.58	18.39	18.63	19.50
		HIGH	64QAM	18.80	18.71	18.45	19.50
	25	LOW	64QAM	18.25	18.53	18.72	19.50
		MID	64QAM	18.87	18.83	18.43	19.50
		HIGH	64QAM	18.50	18.59	18.64	19.50
	50	LOW	64QAM	18.65	18.41	18.64	19.50

LTE B7-DSI4 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.60	18.44	18.55	19.50
		MID	QPSK	18.48	18.40	18.49	19.50
		HIGH	QPSK	18.71	18.62	18.55	19.50
	36	LOW	QPSK	18.53	18.46	18.47	19.50
		MID	QPSK	18.61	18.74	18.61	19.50
		HIGH	QPSK	18.41	18.74	18.44	19.50
	75	LOW	QPSK	18.35	18.54	18.19	19.50
15	1	LOW	Q16	18.37	18.22	18.45	19.50
		MID	Q16	18.13	18.51	18.26	19.50
		HIGH	Q16	18.10	18.24	18.37	19.50
	36	LOW	Q16	18.19	18.17	18.47	19.50
		MID	Q16	18.37	18.46	18.53	19.50
		HIGH	Q16	18.29	18.37	18.54	19.50
	75	LOW	Q16	18.29	18.56	18.21	19.50
15	1	LOW	64QAM	18.52	18.79	18.85	19.50
		MID	64QAM	18.66	18.51	18.80	19.50
		HIGH	64QAM	18.60	18.76	18.72	19.50
	36	LOW	64QAM	18.51	18.43	18.63	19.50
		MID	64QAM	18.60	18.74	18.64	19.50
		HIGH	64QAM	18.72	18.48	18.74	19.50
	75	LOW	64QAM	18.68	18.41	18.63	19.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.41	18.70	18.52	19.50
		MID	QPSK	18.39	18.23	18.65	19.50
		HIGH	QPSK	18.87	18.48	18.50	19.50
	50	LOW	QPSK	18.66	18.32	18.12	19.50
		MID	QPSK	18.27	18.63	18.63	19.50
		HIGH	QPSK	18.17	18.49	18.15	19.50
	100	LOW	QPSK	18.53	18.38	18.18	19.50
20	1	LOW	Q16	18.29	18.45	18.52	19.50
		MID	Q16	18.40	18.72	18.27	19.50
		HIGH	Q16	18.02	18.46	18.34	19.50
	50	LOW	Q16	18.16	18.28	18.27	19.50
		MID	Q16	18.66	18.53	18.66	19.50
		HIGH	Q16	18.37	18.55	18.35	19.50
	100	LOW	Q16	18.36	18.52	18.07	19.50
20	1	LOW	64QAM	18.52	18.53	18.75	19.50
		MID	64QAM	18.64	18.43	18.74	19.50
		HIGH	64QAM	18.59	18.74	18.75	19.50
	50	LOW	64QAM	18.33	18.77	18.65	19.50
		MID	64QAM	18.86	18.78	18.36	19.50
		HIGH	64QAM	18.62	18.61	18.72	19.50
	100	LOW	64QAM	18.48	18.54	18.56	19.50

8.7.4 LTE Band12 Output Power

LTE B12-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.68	23.77	23.56	25.50
		MID	QPSK	23.75	23.76	23.80	25.50
		HIGH	QPSK	23.79	23.63	23.56	25.50
	3	LOW	QPSK	22.65	22.79	22.68	24.50
		MID	QPSK	22.58	22.73	22.58	24.50
		HIGH	QPSK	22.82	22.73	22.56	24.50
	6	LOW	QPSK	22.82	22.81	22.62	24.50
1.4	1	LOW	Q16	22.70	22.57	22.80	24.50
		MID	Q16	22.81	22.77	22.75	24.50
		HIGH	Q16	22.63	22.65	22.67	24.50
	3	LOW	Q16	21.63	21.67	21.62	23.50
		MID	Q16	21.83	21.85	21.70	23.50
		HIGH	Q16	21.71	21.82	21.78	23.50
	6	LOW	Q16	21.70	21.80	21.61	23.50
1.4	1	LOW	64QAM	21.73	21.51	21.67	23.50
		MID	64QAM	21.90	21.65	21.64	23.50
		HIGH	64QAM	21.54	21.79	21.59	23.50
	3	LOW	64QAM	20.63	20.71	20.64	22.50
		MID	64QAM	20.70	20.84	20.67	22.50
		HIGH	64QAM	20.59	20.80	20.70	22.50
	6	LOW	64QAM	20.82	20.81	20.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.99	23.94	23.78	25.50
		MID	QPSK	23.65	23.65	23.63	25.50
		HIGH	QPSK	23.57	23.87	23.77	25.50
	8	LOW	QPSK	22.90	22.83	22.73	24.50
		MID	QPSK	22.66	22.56	22.60	24.50
		HIGH	QPSK	22.70	22.81	22.72	24.50
	15	LOW	QPSK	22.94	22.73	22.65	24.50
3	1	LOW	Q16	22.76	22.54	22.79	24.50
		MID	Q16	22.99	22.65	22.99	24.50
		HIGH	Q16	22.84	22.51	22.69	24.50
	8	LOW	Q16	21.56	21.57	21.63	23.50
		MID	Q16	21.75	21.83	21.65	23.50
		HIGH	Q16	21.88	21.77	21.91	23.50
	15	LOW	Q16	21.92	21.73	21.89	23.50
3	1	LOW	64QAM	21.81	21.66	21.85	23.50
		MID	64QAM	21.79	21.96	21.55	23.50
		HIGH	64QAM	21.67	21.60	21.72	23.50
	8	LOW	64QAM	20.54	20.87	20.71	22.50
		MID	64QAM	20.84	20.80	20.95	22.50
		HIGH	64QAM	20.94	20.85	20.85	22.50
	15	LOW	64QAM	20.78	20.51	20.59	22.50

LTE B12-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.68	23.55	23.82	25.50
		MID	QPSK	23.59	23.81	23.73	25.50
		HIGH	QPSK	23.66	23.65	23.99	25.50
	12	LOW	QPSK	22.87	22.82	22.84	24.50
		MID	QPSK	22.72	22.50	22.65	24.50
		HIGH	QPSK	22.67	22.83	22.75	24.50
	25	LOW	QPSK	22.55	22.73	22.60	24.50
5	1	LOW	Q16	22.84	22.64	22.54	24.50
		MID	Q16	22.56	22.76	22.73	24.50
		HIGH	Q16	22.84	22.61	22.87	24.50
	12	LOW	Q16	21.95	21.64	21.62	23.50
		MID	Q16	21.91	21.87	21.67	23.50
		HIGH	Q16	21.66	21.85	21.64	23.50
	25	LOW	Q16	21.93	21.65	21.81	23.50
5	1	LOW	64QAM	21.88	21.57	21.64	23.50
		MID	64QAM	21.80	21.79	21.92	23.50
		HIGH	64QAM	21.78	21.63	21.66	23.50
	12	LOW	64QAM	20.63	20.73	20.89	22.50
		MID	64QAM	20.95	20.78	20.72	22.50
		HIGH	64QAM	20.69	21.00	20.82	22.50
	25	LOW	64QAM	20.57	20.51	20.80	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.56	23.59	23.85	25.50
		MID	QPSK	23.62	23.67	23.64	25.50
		HIGH	QPSK	23.56	23.74	23.64	25.50
	25	LOW	QPSK	22.79	22.80	22.78	24.50
		MID	QPSK	22.57	22.64	22.61	24.50
		HIGH	QPSK	22.57	22.76	22.67	24.50
	50	LOW	QPSK	22.56	22.81	22.75	24.50
10	1	LOW	Q16	22.81	22.67	22.65	24.50
		MID	Q16	22.64	22.71	22.58	24.50
		HIGH	Q16	22.73	22.64	22.82	24.50
	25	LOW	Q16	21.55	21.70	21.75	23.50
		MID	Q16	21.82	21.75	21.73	23.50
		HIGH	Q16	21.76	21.84	21.78	23.50
	50	LOW	Q16	21.78	21.61	21.81	23.50
10	1	LOW	64QAM	21.77	21.64	21.75	23.50
		MID	64QAM	21.70	21.81	21.96	23.50
		HIGH	64QAM	21.81	21.67	21.67	23.50
	25	LOW	64QAM	20.65	20.79	20.85	22.50
		MID	64QAM	20.96	20.76	20.85	22.50
		HIGH	64QAM	20.82	20.95	20.70	22.50
	50	LOW	64QAM	20.67	20.58	20.67	22.50

LTE B12-DSI1&2&3&4 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.68	23.77	23.56	25.50
		MID	QPSK	23.75	23.76	23.80	25.50
		HIGH	QPSK	23.79	23.63	23.56	25.50
	3	LOW	QPSK	22.65	22.79	22.68	24.50
		MID	QPSK	22.58	22.73	22.58	24.50
		HIGH	QPSK	22.82	22.73	22.56	24.50
	6	LOW	QPSK	22.82	22.81	22.62	24.50
1.4	1	LOW	Q16	22.70	22.57	22.80	24.50
		MID	Q16	22.81	22.77	22.75	24.50
		HIGH	Q16	22.63	22.65	22.67	24.50
	3	LOW	Q16	21.63	21.67	21.62	23.50
		MID	Q16	21.83	21.85	21.70	23.50
		HIGH	Q16	21.71	21.82	21.78	23.50
	6	LOW	Q16	21.70	21.80	21.61	23.50
1.4	1	LOW	64QAM	21.73	21.51	21.67	23.50
		MID	64QAM	21.90	21.65	21.64	23.50
		HIGH	64QAM	21.54	21.79	21.59	23.50
	3	LOW	64QAM	20.63	20.71	20.64	22.50
		MID	64QAM	20.70	20.84	20.67	22.50
		HIGH	64QAM	20.59	20.80	20.70	22.50
	6	LOW	64QAM	20.82	20.81	20.50	22.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.99	23.94	23.78	25.50
		MID	QPSK	23.65	23.65	23.63	25.50
		HIGH	QPSK	23.57	23.87	23.77	25.50
	8	LOW	QPSK	22.90	22.83	22.73	24.50
		MID	QPSK	22.66	22.56	22.60	24.50
		HIGH	QPSK	22.70	22.81	22.72	24.50
	15	LOW	QPSK	22.94	22.73	22.65	24.50
3	1	LOW	Q16	22.76	22.54	22.79	24.50
		MID	Q16	22.99	22.65	22.99	24.50
		HIGH	Q16	22.84	22.51	22.69	24.50
	8	LOW	Q16	21.56	21.57	21.63	23.50
		MID	Q16	21.75	21.83	21.65	23.50
		HIGH	Q16	21.88	21.77	21.91	23.50
	15	LOW	Q16	21.92	21.73	21.89	23.50
3	1	LOW	64QAM	21.81	21.66	21.85	23.50
		MID	64QAM	21.79	21.96	21.55	23.50
		HIGH	64QAM	21.67	21.60	21.72	23.50
	8	LOW	64QAM	20.54	20.87	20.71	22.50
		MID	64QAM	20.84	20.80	20.95	22.50
		HIGH	64QAM	20.94	20.85	20.85	22.50
	15	LOW	64QAM	20.78	20.51	20.59	22.50

LTE B12-DSI1&2&3&4 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.68	23.55	23.82	25.50
		MID	QPSK	23.59	23.81	23.73	25.50
		HIGH	QPSK	23.66	23.65	23.99	25.50
	12	LOW	QPSK	22.87	22.82	22.84	24.50
		MID	QPSK	22.72	22.50	22.65	24.50
		HIGH	QPSK	22.67	22.83	22.75	24.50
	25	LOW	QPSK	22.55	22.73	22.60	24.50
5	1	LOW	Q16	22.84	22.64	22.54	24.50
		MID	Q16	22.56	22.76	22.73	24.50
		HIGH	Q16	22.84	22.61	22.87	24.50
	12	LOW	Q16	21.95	21.64	21.62	23.50
		MID	Q16	21.91	21.87	21.67	23.50
		HIGH	Q16	21.66	21.85	21.64	23.50
	25	LOW	Q16	21.93	21.65	21.81	23.50
5	1	LOW	64QAM	21.88	21.57	21.64	23.50
		MID	64QAM	21.80	21.79	21.92	23.50
		HIGH	64QAM	21.78	21.63	21.66	23.50
	12	LOW	64QAM	20.63	20.73	20.89	22.50
		MID	64QAM	20.95	20.78	20.72	22.50
		HIGH	64QAM	20.69	21.00	20.82	22.50
	25	LOW	64QAM	20.57	20.51	20.80	22.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.56	23.59	23.85	25.50
		MID	QPSK	23.62	23.67	23.64	25.50
		HIGH	QPSK	23.56	23.74	23.64	25.50
	25	LOW	QPSK	22.79	22.80	22.78	24.50
		MID	QPSK	22.57	22.64	22.61	24.50
		HIGH	QPSK	22.57	22.76	22.67	24.50
	50	LOW	QPSK	22.56	22.81	22.75	24.50
10	1	LOW	Q16	22.81	22.67	22.65	24.50
		MID	Q16	22.64	22.71	22.58	24.50
		HIGH	Q16	22.73	22.64	22.82	24.50
	25	LOW	Q16	21.55	21.70	21.75	23.50
		MID	Q16	21.82	21.75	21.73	23.50
		HIGH	Q16	21.76	21.84	21.78	23.50
	50	LOW	Q16	21.78	21.61	21.81	23.50
10	1	LOW	64QAM	21.77	21.64	21.75	23.50
		MID	64QAM	21.70	21.81	21.96	23.50
		HIGH	64QAM	21.81	21.67	21.67	23.50
	25	LOW	64QAM	20.65	20.79	20.85	22.50
		MID	64QAM	20.96	20.76	20.85	22.50
		HIGH	64QAM	20.82	20.95	20.70	22.50
	50	LOW	64QAM	20.67	20.58	20.67	22.50

8.7.5 LTE Band26 Output Power

LTE B26-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.81	23.88	23.86	25.00
		MID	QPSK	23.87	23.91	23.85	25.00
		HIGH	QPSK	23.72	23.88	23.93	25.00
	3	LOW	QPSK	22.78	22.81	22.84	24.00
		MID	QPSK	22.68	22.75	22.74	24.00
		HIGH	QPSK	22.84	22.87	22.71	24.00
	6	LOW	QPSK	22.92	22.80	22.70	24.00
1.4	1	LOW	Q16	22.92	22.79	22.69	24.00
		MID	Q16	22.65	22.83	22.90	24.00
		HIGH	Q16	22.95	22.86	22.90	24.00
	3	LOW	Q16	21.93	21.83	21.76	23.00
		MID	Q16	21.87	21.69	21.83	23.00
		HIGH	Q16	21.88	21.76	21.75	23.00
	6	LOW	Q16	21.69	21.83	21.92	23.00
1.4	1	LOW	64QAM	21.89	21.68	21.60	23.00
		MID	64QAM	21.80	21.83	21.97	23.00
		HIGH	64QAM	21.99	21.95	21.78	23.00
	3	LOW	64QAM	21.00	20.85	20.91	22.00
		MID	64QAM	21.02	20.57	20.82	22.00
		HIGH	64QAM	20.85	20.73	20.64	22.00
	6	LOW	64QAM	20.70	20.96	20.94	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.63	24.05	23.91	25.00
		MID	QPSK	23.80	23.63	23.99	25.00
		HIGH	QPSK	23.76	23.79	23.51	25.00
	8	LOW	QPSK	22.86	22.73	22.94	24.00
		MID	QPSK	22.80	22.88	22.84	24.00
		HIGH	QPSK	22.85	23.01	22.90	24.00
	15	LOW	QPSK	22.80	22.77	22.78	24.00
3	1	LOW	Q16	22.98	22.76	22.94	24.00
		MID	Q16	22.71	22.84	23.06	24.00
		HIGH	Q16	22.69	22.78	22.85	24.00
	8	LOW	Q16	21.80	21.93	21.72	23.00
		MID	Q16	21.93	21.80	21.82	23.00
		HIGH	Q16	21.60	21.72	21.69	23.00
	15	LOW	Q16	21.84	21.85	21.71	23.00
3	1	LOW	64QAM	21.80	21.86	21.59	23.00
		MID	64QAM	21.89	21.97	21.94	23.00
		HIGH	64QAM	21.82	21.81	21.71	23.00
	8	LOW	64QAM	20.75	20.91	20.51	22.00
		MID	64QAM	20.80	20.66	20.57	22.00
		HIGH	64QAM	20.88	20.57	21.13	22.00
	15	LOW	64QAM	20.65	20.96	20.89	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.74	23.92	23.87	25.00
		MID	QPSK	23.79	23.90	23.79	25.00
		HIGH	QPSK	23.77	23.71	23.55	25.00
	12	LOW	QPSK	22.97	22.67	22.94	24.00
		MID	QPSK	22.71	22.74	22.83	24.00
		HIGH	QPSK	22.86	22.84	22.70	24.00
	25	LOW	QPSK	22.64	22.84	22.68	24.00
5	1	LOW	Q16	22.81	22.86	22.87	24.00
		MID	Q16	22.93	22.89	23.04	24.00
		HIGH	Q16	22.70	22.97	22.80	24.00
	12	LOW	Q16	21.97	22.03	21.79	23.00
		MID	Q16	21.81	21.56	21.68	23.00
		HIGH	Q16	21.85	21.70	21.98	23.00
	25	LOW	Q16	21.56	21.88	21.74	23.00
5	1	LOW	64QAM	21.92	21.87	21.75	23.00
		MID	64QAM	21.89	21.87	21.93	23.00
		HIGH	64QAM	21.69	21.77	21.92	23.00
	12	LOW	64QAM	20.81	20.89	20.61	22.00
		MID	64QAM	20.71	20.69	20.84	22.00
		HIGH	64QAM	20.69	20.76	20.92	22.00
	25	LOW	64QAM	20.58	20.98	20.71	22.00

LTE B26-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.85	23.82	23.85	25.00
		MID	QPSK	23.94	23.69	23.94	25.00
		HIGH	QPSK	23.52	23.64	23.56	25.00
	25	LOW	QPSK	22.88	22.81	22.94	24.00
		MID	QPSK	22.88	22.65	22.70	24.00
		HIGH	QPSK	22.87	22.78	22.86	24.00
	50	LOW	QPSK	22.58	22.78	22.74	24.00
10	1	LOW	Q16	22.86	22.77	22.69	24.00
		MID	Q16	22.69	22.98	22.86	24.00
		HIGH	Q16	22.85	22.87	23.06	24.00
	25	LOW	Q16	21.89	21.93	21.57	23.00
		MID	Q16	21.78	21.78	21.74	23.00
		HIGH	Q16	21.73	21.69	21.72	23.00
	50	LOW	Q16	21.66	21.68	21.81	23.00
10	1	LOW	64QAM	21.78	21.83	21.58	23.00
		MID	64QAM	21.91	21.86	21.80	23.00
		HIGH	64QAM	21.76	21.81	21.74	23.00
	25	LOW	64QAM	20.72	21.13	20.38	22.00
		MID	64QAM	20.87	20.64	20.79	22.00
		HIGH	64QAM	20.78	20.47	21.11	22.00
	50	LOW	64QAM	20.78	20.85	20.79	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.71	23.93	23.80	25.00
		MID	QPSK	23.88	23.78	23.94	25.00
		HIGH	QPSK	23.66	23.72	23.66	25.00
	36	LOW	QPSK	22.87	22.67	22.80	24.00
		MID	QPSK	22.84	22.76	22.74	24.00
		HIGH	QPSK	22.87	22.88	22.78	24.00
	75	LOW	QPSK	22.69	22.87	22.74	24.00
15	1	LOW	Q16	22.90	22.78	22.82	24.00
		MID	Q16	22.84	22.89	22.94	24.00
		HIGH	Q16	22.70	22.84	22.91	24.00
	36	LOW	Q16	21.84	21.91	21.66	23.00
		MID	Q16	21.85	21.70	21.74	23.00
		HIGH	Q16	21.74	21.65	21.84	23.00
	75	LOW	Q16	21.69	21.78	21.66	23.00
15	1	LOW	64QAM	21.81	21.81	21.67	23.00
		MID	64QAM	21.96	21.84	21.87	23.00
		HIGH	64QAM	21.70	21.88	21.79	23.00
	36	LOW	64QAM	20.71	20.98	20.53	22.00
		MID	64QAM	20.85	20.70	20.72	22.00
		HIGH	64QAM	20.74	20.61	20.99	22.00
	75	LOW	64QAM	20.71	20.90	20.74	22.00

LTE B26-DSI1 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.60	22.93	22.84	24.00
		MID	QPSK	22.85	22.81	23.08	24.00
		HIGH	QPSK	22.57	22.57	22.71	24.00
	3	LOW	QPSK	22.75	22.70	22.84	24.00
		MID	QPSK	22.83	22.61	22.71	24.00
		HIGH	QPSK	22.76	22.76	22.85	24.00
	6	LOW	QPSK	22.78	22.85	22.67	24.00
1.4	1	LOW	Q16	22.91	22.74	22.95	24.00
		MID	Q16	22.88	22.94	22.80	24.00
		HIGH	Q16	22.57	22.80	22.89	24.00
	3	LOW	Q16	21.69	22.04	21.65	23.00
		MID	Q16	21.87	21.80	21.59	23.00
		HIGH	Q16	21.83	21.77	21.80	23.00
	6	LOW	Q16	21.74	21.91	21.57	23.00
1.4	1	LOW	64QAM	21.82	21.76	21.79	23.00
		MID	64QAM	21.86	21.82	21.79	23.00
		HIGH	64QAM	21.64	21.79	21.93	23.00
	3	LOW	64QAM	20.75	21.04	20.48	22.00
		MID	64QAM	20.71	20.62	20.81	22.00
		HIGH	64QAM	20.86	20.76	21.06	22.00
	6	LOW	64QAM	20.86	20.89	20.87	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	22.67	22.78	22.78	24.00
		MID	QPSK	22.96	22.92	22.80	24.00
		HIGH	QPSK	22.77	22.80	22.80	24.00
	8	LOW	QPSK	22.92	22.61	22.70	24.00
		MID	QPSK	22.83	22.73	22.81	24.00
		HIGH	QPSK	22.98	22.77	22.71	24.00
	15	LOW	QPSK	22.70	22.85	22.61	24.00
3	1	LOW	Q16	22.79	22.70	22.79	24.00
		MID	Q16	22.94	22.89	22.88	24.00
		HIGH	Q16	22.82	22.86	22.82	24.00
	8	LOW	Q16	21.84	21.93	21.81	23.00
		MID	Q16	21.78	21.77	21.79	23.00
		HIGH	Q16	21.62	21.65	21.93	23.00
	15	LOW	Q16	21.66	21.74	21.68	23.00
3	1	LOW	64QAM	21.66	21.80	21.58	23.00
		MID	64QAM	21.93	21.73	21.80	23.00
		HIGH	64QAM	21.57	21.77	21.71	23.00
	8	LOW	64QAM	20.58	20.87	20.57	22.00
		MID	64QAM	20.93	20.75	20.69	22.00
		HIGH	64QAM	20.72	20.50	20.89	22.00
	15	LOW	64QAM	20.69	21.00	20.61	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	22.72	22.91	22.72	24.00
		MID	QPSK	23.02	22.74	23.00	24.00
		HIGH	QPSK	22.63	22.64	22.71	24.00
	12	LOW	QPSK	22.90	22.81	22.91	24.00
		MID	QPSK	22.74	22.88	22.59	24.00
		HIGH	QPSK	23.02	22.76	22.84	24.00
	25	LOW	QPSK	22.70	23.02	22.66	24.00
5	1	LOW	Q16	22.78	22.73	22.76	24.00
		MID	Q16	22.80	22.75	22.95	24.00
		HIGH	Q16	22.62	22.83	22.88	24.00
	12	LOW	Q16	21.92	21.84	21.76	23.00
		MID	Q16	21.75	21.84	21.67	23.00
		HIGH	Q16	21.65	21.52	21.94	23.00
	25	LOW	Q16	21.57	21.71	21.67	23.00
5	1	LOW	64QAM	21.88	21.93	21.62	23.00
		MID	64QAM	21.94	21.78	21.94	23.00
		HIGH	64QAM	21.80	22.00	21.64	23.00
	12	LOW	64QAM	20.69	21.00	20.54	22.00
		MID	64QAM	20.97	20.75	20.87	22.00
		HIGH	64QAM	20.88	20.49	21.09	22.00
	25	LOW	64QAM	20.81	20.75	20.82	22.00

LTE B26-DSI1&2&3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.90	22.72	24.00
		MID	QPSK	23.01	22.84	22.93	24.00
		HIGH	QPSK	22.61	22.86	22.63	24.00
	25	LOW	QPSK	22.81	22.67	22.70	24.00
		MID	QPSK	22.94	22.85	22.76	24.00
		HIGH	QPSK	22.97	22.80	22.93	24.00
	50	LOW	QPSK	22.74	22.85	22.71	24.00
10	1	LOW	Q16	23.04	22.67	22.86	24.00
		MID	Q16	22.99	22.87	22.84	24.00
		HIGH	Q16	22.66	22.96	22.80	24.00
	25	LOW	Q16	21.74	21.80	21.61	23.00
		MID	Q16	21.73	21.84	21.63	23.00
		HIGH	Q16	21.71	21.68	21.92	23.00
	50	LOW	Q16	21.71	21.76	21.74	23.00
10	1	LOW	64QAM	21.71	21.67	21.80	23.00
		MID	64QAM	22.00	21.75	21.89	23.00
		HIGH	64QAM	21.58	21.79	21.82	23.00
	25	LOW	64QAM	20.70	20.96	20.54	22.00
		MID	64QAM	20.89	20.58	20.66	22.00
		HIGH	64QAM	20.80	20.65	21.02	22.00
	50	LOW	64QAM	20.79	20.78	20.60	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	22.64	23.08	22.72	24.00
		MID	QPSK	22.95	22.82	23.03	24.00
		HIGH	QPSK	22.79	22.74	22.69	24.00
	36	LOW	QPSK	22.75	22.58	22.91	24.00
		MID	QPSK	22.81	22.84	22.60	24.00
		HIGH	QPSK	22.88	22.88	22.68	24.00
	75	LOW	QPSK	22.74	22.73	22.73	24.00
15	1	LOW	Q16	22.76	22.88	22.94	24.00
		MID	Q16	22.84	22.79	22.86	24.00
		HIGH	Q16	22.63	22.84	23.03	24.00
	36	LOW	Q16	21.77	21.76	21.81	23.00
		MID	Q16	21.75	21.73	21.67	23.00
		HIGH	Q16	21.69	21.58	21.99	23.00
	75	LOW	Q16	21.82	21.87	21.81	23.00
15	1	LOW	64QAM	21.71	21.69	21.59	23.00
		MID	64QAM	21.96	21.73	21.85	23.00
		HIGH	64QAM	21.74	21.79	21.93	23.00
	36	LOW	64QAM	20.65	21.02	20.46	22.00
		MID	64QAM	20.77	20.62	20.63	22.00
		HIGH	64QAM	20.76	20.59	21.03	22.00
	75	LOW	64QAM	20.59	20.91	20.61	22.00

LTE B26-DSI2&3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.81	23.88	23.86	25.00
		MID	QPSK	23.87	23.91	23.85	25.00
		HIGH	QPSK	23.72	23.88	23.93	25.00
	3	LOW	QPSK	22.78	22.81	22.84	24.00
		MID	QPSK	22.68	22.75	22.74	24.00
		HIGH	QPSK	22.84	22.87	22.71	24.00
	6	LOW	QPSK	22.92	22.80	22.70	24.00
1.4	1	LOW	Q16	22.92	22.79	22.69	24.00
		MID	Q16	22.65	22.83	22.90	24.00
		HIGH	Q16	22.95	22.86	22.90	24.00
	3	LOW	Q16	21.93	21.83	21.76	23.00
		MID	Q16	21.87	21.69	21.83	23.00
		HIGH	Q16	21.88	21.76	21.75	23.00
	6	LOW	Q16	21.69	21.83	21.92	23.00
1.4	1	LOW	64QAM	21.89	21.68	21.60	23.00
		MID	64QAM	21.80	21.83	21.97	23.00
		HIGH	64QAM	21.99	21.95	21.78	23.00
	3	LOW	64QAM	21.00	20.85	20.91	22.00
		MID	64QAM	21.02	20.57	20.82	22.00
		HIGH	64QAM	20.85	20.73	20.64	22.00
	6	LOW	64QAM	20.70	20.96	20.94	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
3	1	LOW	QPSK	23.63	24.05	23.91	25.00
		MID	QPSK	23.80	23.63	23.99	25.00
		HIGH	QPSK	23.76	23.79	23.51	25.00
	8	LOW	QPSK	22.86	22.73	22.94	24.00
		MID	QPSK	22.80	22.88	22.84	24.00
		HIGH	QPSK	22.85	23.01	22.90	24.00
	15	LOW	QPSK	22.80	22.77	22.78	24.00
3	1	LOW	Q16	22.98	22.76	22.94	24.00
		MID	Q16	22.71	22.84	23.06	24.00
		HIGH	Q16	22.69	22.78	22.85	24.00
	8	LOW	Q16	21.80	21.93	21.72	23.00
		MID	Q16	21.93	21.80	21.82	23.00
		HIGH	Q16	21.60	21.72	21.69	23.00
	15	LOW	Q16	21.84	21.85	21.71	23.00
3	1	LOW	64QAM	21.80	21.86	21.59	23.00
		MID	64QAM	21.89	21.97	21.94	23.00
		HIGH	64QAM	21.82	21.81	21.71	23.00
	8	LOW	64QAM	20.75	20.91	20.51	22.00
		MID	64QAM	20.80	20.66	20.57	22.00
		HIGH	64QAM	20.88	20.57	21.13	22.00
	15	LOW	64QAM	20.65	20.96	20.89	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.74	23.92	23.87	25.00
		MID	QPSK	23.79	23.90	23.79	25.00
		HIGH	QPSK	23.77	23.71	23.55	25.00
	12	LOW	QPSK	22.97	22.67	22.94	24.00
		MID	QPSK	22.71	22.74	22.83	24.00
		HIGH	QPSK	22.86	22.84	22.70	24.00
	25	LOW	QPSK	22.64	22.84	22.68	24.00
5	1	LOW	Q16	22.81	22.86	22.87	24.00
		MID	Q16	22.93	22.89	23.04	24.00
		HIGH	Q16	22.70	22.97	22.80	24.00
	12	LOW	Q16	21.97	22.03	21.79	23.00
		MID	Q16	21.81	21.56	21.68	23.00
		HIGH	Q16	21.85	21.70	21.98	23.00
	25	LOW	Q16	21.56	21.88	21.74	23.00
5	1	LOW	64QAM	21.92	21.87	21.75	23.00
		MID	64QAM	21.89	21.87	21.93	23.00
		HIGH	64QAM	21.69	21.77	21.92	23.00
	12	LOW	64QAM	20.81	20.89	20.61	22.00
		MID	64QAM	20.71	20.69	20.84	22.00
		HIGH	64QAM	20.69	20.76	20.92	22.00
	25	LOW	64QAM	20.58	20.98	20.71	22.00

LTE B26-DSI1&2&3&4 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.85	23.82	23.85	25.00
		MID	QPSK	23.94	23.69	23.94	25.00
		HIGH	QPSK	23.52	23.64	23.56	25.00
	25	LOW	QPSK	22.88	22.81	22.94	24.00
		MID	QPSK	22.88	22.65	22.70	24.00
		HIGH	QPSK	22.87	22.78	22.86	24.00
	50	LOW	QPSK	22.58	22.78	22.74	24.00
10	1	LOW	Q16	22.86	22.77	22.69	24.00
		MID	Q16	22.69	22.98	22.86	24.00
		HIGH	Q16	22.85	22.87	23.06	24.00
	25	LOW	Q16	21.89	21.93	21.57	23.00
		MID	Q16	21.78	21.78	21.74	23.00
		HIGH	Q16	21.73	21.69	21.72	23.00
	50	LOW	Q16	21.66	21.68	21.81	23.00
10	1	LOW	64QAM	21.78	21.83	21.58	23.00
		MID	64QAM	21.91	21.86	21.80	23.00
		HIGH	64QAM	21.76	21.81	21.74	23.00
	25	LOW	64QAM	20.72	21.13	20.38	22.00
		MID	64QAM	20.87	20.64	20.79	22.00
		HIGH	64QAM	20.78	20.47	21.11	22.00
	50	LOW	64QAM	20.78	20.85	20.79	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.71	23.93	23.80	25.00
		MID	QPSK	23.88	23.78	23.94	25.00
		HIGH	QPSK	23.66	23.72	23.66	25.00
	36	LOW	QPSK	22.87	22.67	22.80	24.00
		MID	QPSK	22.84	22.76	22.74	24.00
		HIGH	QPSK	22.87	22.88	22.78	24.00
	75	LOW	QPSK	22.69	22.87	22.74	24.00
15	1	LOW	Q16	22.90	22.78	22.82	24.00
		MID	Q16	22.84	22.89	22.94	24.00
		HIGH	Q16	22.70	22.84	22.91	24.00
	36	LOW	Q16	21.84	21.91	21.66	23.00
		MID	Q16	21.85	21.70	21.74	23.00
		HIGH	Q16	21.74	21.65	21.84	23.00
	75	LOW	Q16	21.69	21.78	21.66	23.00
15	1	LOW	64QAM	21.81	21.81	21.67	23.00
		MID	64QAM	21.96	21.84	21.87	23.00
		HIGH	64QAM	21.70	21.88	21.79	23.00
	36	LOW	64QAM	20.71	20.98	20.53	22.00
		MID	64QAM	20.85	20.70	20.72	22.00
		HIGH	64QAM	20.74	20.61	20.99	22.00
	75	LOW	64QAM	20.71	20.90	20.74	22.00

8.7.6 LTE Band66 Output Power

LTE B66-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.27	23.35	23.39	25.00
		MID	QPSK	23.42	23.64	23.59	25.00
		HIGH	QPSK	23.25	23.25	23.29	25.00
	3	LOW	QPSK	22.66	22.46	22.66	24.00
		MID	QPSK	22.55	22.54	22.79	24.00
		HIGH	QPSK	22.62	22.79	22.50	24.00
	6	LOW	QPSK	22.80	22.61	22.51	24.00
1.4	1	LOW	Q16	22.63	22.32	22.51	24.00
		MID	Q16	22.68	22.57	22.45	24.00
		HIGH	Q16	22.55	22.38	22.46	24.00
	3	LOW	Q16	21.26	21.60	21.50	23.00
		MID	Q16	21.58	21.56	21.39	23.00
		HIGH	Q16	21.50	21.33	21.49	23.00
	6	LOW	Q16	21.45	21.64	21.54	23.00
1.4	1	LOW	64QAM	21.72	21.21	21.63	23.00
		MID	64QAM	21.53	21.51	21.55	23.00
		HIGH	64QAM	21.47	21.44	21.53	23.00
	3	LOW	64QAM	20.26	20.45	20.55	22.00
		MID	64QAM	20.64	20.45	20.27	22.00
		HIGH	64QAM	20.53	20.35	20.40	22.00
	6	LOW	64QAM	20.37	20.64	20.49	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.27	23.32	23.21	25.00
		MID	QPSK	23.55	23.66	23.40	25.00
		HIGH	QPSK	23.50	23.33	23.29	25.00
	8	LOW	QPSK	22.52	22.57	22.67	24.00
		MID	QPSK	22.47	22.39	22.70	24.00
		HIGH	QPSK	22.68	22.41	22.31	24.00
	15	LOW	QPSK	22.54	22.51	22.70	24.00
3	1	LOW	Q16	22.74	22.48	22.52	24.00
		MID	Q16	22.59	22.54	22.49	24.00
		HIGH	Q16	22.48	22.36	22.63	24.00
	8	LOW	Q16	21.41	21.51	21.52	23.00
		MID	Q16	21.25	21.58	21.51	23.00
		HIGH	Q16	21.48	21.45	21.33	23.00
	15	LOW	Q16	21.52	21.20	21.75	23.00
3	1	LOW	64QAM	21.61	21.51	21.49	23.00
		MID	64QAM	21.67	21.78	21.13	23.00
		HIGH	64QAM	21.86	21.11	21.58	23.00
	8	LOW	64QAM	20.32	20.39	20.61	22.00
		MID	64QAM	20.66	20.65	20.50	22.00
		HIGH	64QAM	20.46	20.25	20.35	22.00
	15	LOW	64QAM	20.35	20.45	20.79	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.27	23.26	25.00
		MID	QPSK	23.54	23.50	23.40	25.00
		HIGH	QPSK	23.51	23.34	23.49	25.00
	12	LOW	QPSK	22.40	22.48	22.78	24.00
		MID	QPSK	22.44	22.51	22.53	24.00
		HIGH	QPSK	22.61	22.33	22.45	24.00
	25	LOW	QPSK	22.64	22.56	22.49	24.00
5	1	LOW	Q16	22.74	22.33	22.61	24.00
		MID	Q16	22.45	22.65	22.50	24.00
		HIGH	Q16	22.72	22.38	22.65	24.00
	12	LOW	Q16	21.46	21.48	21.76	23.00
		MID	Q16	21.35	21.62	21.44	23.00
		HIGH	Q16	21.56	21.41	21.27	23.00
	25	LOW	Q16	21.49	21.50	21.68	23.00
5	1	LOW	64QAM	21.60	21.30	21.52	23.00
		MID	64QAM	21.64	21.66	21.28	23.00
		HIGH	64QAM	21.88	21.32	21.45	23.00
	12	LOW	64QAM	20.31	20.21	20.53	22.00
		MID	64QAM	20.68	20.44	20.32	22.00
		HIGH	64QAM	20.52	20.20	20.38	22.00
	25	LOW	64QAM	20.20	20.49	20.87	22.00

LTE B66-Full Power -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.27	23.29	23.36	25.00
		MID	QPSK	23.38	23.40	23.45	25.00
		HIGH	QPSK	23.36	23.30	23.22	25.00
	25	LOW	QPSK	22.35	22.53	22.59	24.00
		MID	QPSK	22.36	22.31	22.69	24.00
		HIGH	QPSK	22.55	22.45	22.50	24.00
	50	LOW	QPSK	22.52	22.54	22.46	24.00
10	1	LOW	Q16	22.69	22.32	22.66	24.00
		MID	Q16	22.37	22.53	22.53	24.00
		HIGH	Q16	22.76	22.52	22.52	24.00
	25	LOW	Q16	21.18	21.65	21.57	23.00
		MID	Q16	21.46	21.42	21.27	23.00
		HIGH	Q16	21.60	21.29	21.34	23.00
	50	LOW	Q16	21.54	21.41	21.80	23.00
10	1	LOW	64QAM	21.73	21.47	21.61	23.00
		MID	64QAM	21.58	21.59	21.38	23.00
		HIGH	64QAM	21.72	21.11	21.63	23.00
	25	LOW	64QAM	20.15	20.37	20.63	22.00
		MID	64QAM	20.60	20.46	20.50	22.00
		HIGH	64QAM	20.45	20.12	20.42	22.00
	50	LOW	64QAM	20.26	20.51	20.97	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.46	23.23	23.29	25.00
		MID	QPSK	23.46	23.57	23.59	25.00
		HIGH	QPSK	23.31	23.21	23.45	25.00
	36	LOW	QPSK	22.61	22.41	22.69	24.00
		MID	QPSK	22.36	22.39	22.69	24.00
		HIGH	QPSK	22.58	22.58	22.44	24.00
	75	LOW	QPSK	22.75	22.54	22.52	24.00
15	1	LOW	Q16	22.59	22.49	22.56	24.00
		MID	Q16	22.62	22.66	22.35	24.00
		HIGH	Q16	22.60	22.30	22.44	24.00
	36	LOW	Q16	21.41	21.48	21.49	23.00
		MID	Q16	21.45	21.52	21.25	23.00
		HIGH	Q16	21.65	21.19	21.49	23.00
	75	LOW	Q16	21.45	21.27	21.73	23.00
15	1	LOW	64QAM	21.56	21.32	21.72	23.00
		MID	64QAM	21.41	21.77	21.39	23.00
		HIGH	64QAM	21.66	21.16	21.47	23.00
	36	LOW	64QAM	20.42	20.45	20.44	22.00
		MID	64QAM	20.53	20.54	20.50	22.00
		HIGH	64QAM	20.70	20.06	20.52	22.00
	75	LOW	64QAM	20.23	20.30	20.84	22.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.35	23.38	23.34	25.00
		MID	QPSK	23.51	23.52	23.55	25.00
		HIGH	QPSK	23.36	23.35	23.36	25.00
	50	LOW	QPSK	22.50	22.55	22.64	24.00
		MID	QPSK	22.43	22.40	22.63	24.00
		HIGH	QPSK	22.54	22.44	22.39	24.00
	100	LOW	QPSK	22.67	22.52	22.59	24.00
20	1	LOW	Q16	22.66	22.44	22.59	24.00
		MID	Q16	22.48	22.67	22.38	24.00
		HIGH	Q16	22.62	22.38	22.58	24.00
	50	LOW	Q16	21.31	21.50	21.63	23.00
		MID	Q16	21.40	21.57	21.40	23.00
		HIGH	Q16	21.61	21.30	21.39	23.00
	100	LOW	Q16	21.43	21.35	21.68	23.00
20	1	LOW	64QAM	21.63	21.42	21.57	23.00
		MID	64QAM	21.52	21.67	21.27	23.00
		HIGH	64QAM	21.74	21.24	21.48	23.00
	50	LOW	64QAM	20.30	20.36	20.51	22.00
		MID	64QAM	20.55	20.53	20.38	22.00
		HIGH	64QAM	20.59	20.20	20.46	22.00
	100	LOW	64QAM	20.29	20.37	20.83	22.00

LTE B66-DSI1 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.55	20.68	20.56	21.50
		MID	QPSK	20.70	20.70	20.59	21.50
		HIGH	QPSK	20.28	20.56	20.79	21.50
	3	LOW	QPSK	20.41	20.55	20.27	21.50
		MID	QPSK	20.63	20.63	20.58	21.50
		HIGH	QPSK	20.11	20.34	20.38	21.50
	6	LOW	QPSK	20.42	20.28	20.74	21.50
1.4	1	LOW	Q16	20.69	20.41	20.47	21.50
		MID	Q16	20.50	20.22	20.59	21.50
		HIGH	Q16	20.40	20.38	20.65	21.50
	3	LOW	Q16	20.23	20.21	20.24	21.50
		MID	Q16	20.29	20.30	20.69	21.50
		HIGH	Q16	20.23	20.43	20.46	21.50
	6	LOW	Q16	20.37	20.39	20.28	21.50
1.4	1	LOW	64QAM	20.59	20.53	20.47	21.50
		MID	64QAM	20.46	20.30	20.54	21.50
		HIGH	64QAM	20.60	20.37	20.39	21.50
	3	LOW	64QAM	20.51	20.19	20.25	21.50
		MID	64QAM	20.15	20.12	20.21	21.50
		HIGH	64QAM	20.31	20.20	20.36	21.50
	6	LOW	64QAM	20.01	20.39	20.11	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.60	20.42	20.19	21.50
		MID	QPSK	20.51	20.70	20.43	21.50
		HIGH	QPSK	20.42	20.55	20.87	21.50
	8	LOW	QPSK	20.33	20.38	20.33	21.50
		MID	QPSK	20.61	20.48	20.71	21.50
		HIGH	QPSK	20.14	20.16	20.43	21.50
	15	LOW	QPSK	20.25	20.53	20.66	21.50
3	1	LOW	Q16	20.43	20.60	20.61	21.50
		MID	Q16	20.67	20.19	20.68	21.50
		HIGH	Q16	20.41	20.46	20.49	21.50
	8	LOW	Q16	20.40	20.21	20.30	21.50
		MID	Q16	20.40	20.46	20.50	21.50
		HIGH	Q16	20.24	20.63	20.49	21.50
	15	LOW	Q16	20.46	20.29	20.09	21.50
3	1	LOW	64QAM	20.59	20.47	20.42	21.50
		MID	64QAM	20.46	20.15	20.49	21.50
		HIGH	64QAM	20.45	20.71	20.40	21.50
	8	LOW	64QAM	20.63	20.24	20.24	21.50
		MID	64QAM	20.41	20.08	20.21	21.50
		HIGH	64QAM	20.23	20.22	20.29	21.50
	15	LOW	64QAM	20.29	20.65	20.27	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.57	20.43	20.40	21.50
		MID	QPSK	20.75	20.49	20.50	21.50
		HIGH	QPSK	20.40	20.64	20.82	21.50
	12	LOW	QPSK	20.47	20.55	20.37	21.50
		MID	QPSK	20.47	20.65	20.53	21.50
		HIGH	QPSK	20.15	20.16	20.43	21.50
	25	LOW	QPSK	20.50	20.31	20.66	21.50
5	1	LOW	Q16	20.63	20.62	20.87	21.50
		MID	Q16	20.45	20.31	20.59	21.50
		HIGH	Q16	20.58	20.46	20.51	21.50
	12	LOW	Q16	20.31	20.57	20.36	21.50
		MID	Q16	20.48	20.42	20.37	21.50
		HIGH	Q16	20.06	20.38	20.44	21.50
	25	LOW	Q16	20.59	20.46	20.33	21.50
5	1	LOW	64QAM	20.45	20.29	20.40	21.50
		MID	64QAM	20.67	20.27	20.54	21.50
		HIGH	64QAM	20.26	20.37	20.59	21.50
	12	LOW	64QAM	20.32	20.32	20.26	21.50
		MID	64QAM	20.05	20.03	20.19	21.50
		HIGH	64QAM	20.10	20.19	20.24	21.50
	25	LOW	64QAM	20.34	20.38	20.23	21.50

LTE B66-DSI1 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.55	20.30	20.26	21.50
		MID	QPSK	20.41	20.52	20.52	21.50
		HIGH	QPSK	20.47	20.64	20.49	21.50
	25	LOW	QPSK	20.44	20.29	20.65	21.50
		MID	QPSK	20.63	20.87	20.60	21.50
		HIGH	QPSK	20.10	20.35	20.16	21.50
	50	LOW	QPSK	20.23	20.43	20.67	21.50
10	1	LOW	Q16	20.79	20.64	20.72	21.50
		MID	Q16	20.34	20.29	20.48	21.50
		HIGH	Q16	20.54	20.52	20.65	21.50
	25	LOW	Q16	20.20	20.49	20.46	21.50
		MID	Q16	20.28	20.45	20.72	21.50
		HIGH	Q16	20.25	20.54	20.57	21.50
	50	LOW	Q16	20.50	20.59	20.37	21.50
10	1	LOW	64QAM	20.36	20.26	20.10	21.50
		MID	64QAM	20.52	20.45	20.70	21.50
		HIGH	64QAM	20.41	20.47	20.34	21.50
	25	LOW	64QAM	20.34	20.15	20.06	21.50
		MID	64QAM	20.37	20.30	20.02	21.50
		HIGH	64QAM	20.19	20.10	20.46	21.50
	50	LOW	64QAM	19.96	20.47	20.05	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.41	20.38	20.47	21.50
		MID	QPSK	20.38	20.75	20.46	21.50
		HIGH	QPSK	20.40	20.39	20.61	21.50
	36	LOW	QPSK	20.24	20.26	20.59	21.50
		MID	QPSK	20.44	20.75	20.86	21.50
		HIGH	QPSK	20.09	20.49	20.15	21.50
	75	LOW	QPSK	20.54	20.30	20.45	21.50
15	1	LOW	Q16	20.46	20.67	20.48	21.50
		MID	Q16	20.50	20.17	20.57	21.50
		HIGH	Q16	20.55	20.37	20.78	21.50
	36	LOW	Q16	20.08	20.22	20.39	21.50
		MID	Q16	20.29	20.46	20.40	21.50
		HIGH	Q16	20.36	20.60	20.34	21.50
	75	LOW	Q16	20.42	20.50	20.32	21.50
15	1	LOW	64QAM	20.42	20.39	20.30	21.50
		MID	64QAM	20.52	20.47	20.46	21.50
		HIGH	64QAM	20.23	20.56	20.58	21.50
	36	LOW	64QAM	20.72	20.47	20.44	21.50
		MID	64QAM	20.36	19.97	20.36	21.50
		HIGH	64QAM	20.35	20.00	20.15	21.50
	75	LOW	64QAM	19.98	20.37	20.07	21.50
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.50	20.62	20.38	21.50
		MID	QPSK	20.48	20.53	20.61	21.50
		HIGH	QPSK	20.49	20.45	20.67	21.50
	50	LOW	QPSK	20.40	20.38	20.53	21.50
		MID	QPSK	20.51	20.63	20.65	21.50
		HIGH	QPSK	20.22	20.50	20.16	21.50
	100	LOW	QPSK	20.34	20.29	20.73	21.50
20	1	LOW	Q16	20.45	20.53	20.86	21.50
		MID	Q16	20.34	20.16	20.52	21.50
		HIGH	Q16	20.49	20.49	20.66	21.50
	50	LOW	Q16	20.33	20.37	20.51	21.50
		MID	Q16	20.46	20.33	20.43	21.50
		HIGH	Q16	20.41	20.37	20.37	21.50
	100	LOW	Q16	20.21	20.48	20.38	21.50
20	1	LOW	64QAM	20.58	20.35	20.26	21.50
		MID	64QAM	20.65	20.34	20.44	21.50
		HIGH	64QAM	20.44	20.75	20.47	21.50
	50	LOW	64QAM	20.70	20.14	20.37	21.50
		MID	64QAM	20.09	19.98	19.99	21.50
		HIGH	64QAM	20.33	20.16	20.27	21.50
	100	LOW	64QAM	19.97	20.51	20.07	21.50

LTE B66-DSI2&3 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.60	22.50	22.37	23.00
		MID	QPSK	22.54	22.18	22.72	23.00
		HIGH	QPSK	22.66	22.71	22.30	23.00
	3	LOW	QPSK	22.11	22.40	22.46	23.00
		MID	QPSK	22.17	22.64	22.65	23.00
		HIGH	QPSK	22.64	22.62	22.42	23.00
	6	LOW	QPSK	22.36	22.42	22.45	23.00
1.4	1	LOW	Q16	22.13	22.50	22.41	23.00
		MID	Q16	22.47	22.41	22.17	23.00
		HIGH	Q16	22.21	21.50	22.24	23.00
	3	LOW	Q16	21.78	21.64	21.59	23.00
		MID	Q16	21.54	21.63	21.45	23.00
		HIGH	Q16	21.52	21.41	21.45	23.00
	6	LOW	Q16	21.83	21.29	21.50	23.00
1.4	1	LOW	64QAM	21.07	21.47	21.55	23.00
		MID	64QAM	21.53	21.45	21.17	23.00
		HIGH	64QAM	21.12	20.38	21.11	22.00
	3	LOW	64QAM	20.85	20.67	20.64	22.00
		MID	64QAM	20.41	20.67	20.36	22.00
		HIGH	64QAM	20.54	20.47	20.36	22.00
	6	LOW	64QAM	18.76	18.34	18.41	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.43	22.45	22.40	23.00
		MID	QPSK	22.50	22.32	22.72	23.00
		HIGH	QPSK	22.40	22.54	22.56	23.00
	8	LOW	QPSK	22.21	22.36	22.38	23.00
		MID	QPSK	22.16	22.54	22.68	23.00
		HIGH	QPSK	22.57	22.61	22.24	23.00
	15	LOW	QPSK	22.39	22.38	22.11	23.00
3	1	LOW	Q16	22.24	22.44	22.18	23.00
		MID	Q16	22.38	22.52	22.16	23.00
		HIGH	Q16	22.15	21.71	22.27	23.00
	8	LOW	Q16	21.79	21.66	21.60	23.00
		MID	Q16	21.37	21.74	21.44	23.00
		HIGH	Q16	21.61	21.43	21.61	23.00
	15	LOW	Q16	21.73	21.29	21.81	23.00
3	1	LOW	64QAM	21.68	21.82	21.57	23.00
		MID	64QAM	21.65	21.56	21.48	23.00
		HIGH	64QAM	21.58	20.54	21.84	22.00
	8	LOW	64QAM	20.77	20.62	20.53	22.00
		MID	64QAM	20.62	20.50	20.67	22.00
		HIGH	64QAM	20.55	20.35	20.46	22.00
	15	LOW	64QAM	19.85	18.48	19.90	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.57	22.35	22.56	23.00
		MID	QPSK	22.46	22.17	22.52	23.00
		HIGH	QPSK	22.39	22.54	22.57	23.00
	12	LOW	QPSK	22.29	22.39	22.21	23.00
		MID	QPSK	22.19	22.49	22.46	23.00
		HIGH	QPSK	22.27	22.50	22.27	23.00
	25	LOW	QPSK	22.63	22.18	22.16	23.00
5	1	LOW	Q16	22.19	22.49	22.16	23.00
		MID	Q16	22.53	22.47	22.20	23.00
		HIGH	Q16	22.31	21.68	22.17	23.00
	12	LOW	Q16	21.55	21.74	21.60	23.00
		MID	Q16	21.53	21.80	21.53	23.00
		HIGH	Q16	21.70	21.31	21.41	23.00
	25	LOW	Q16	21.85	21.26	21.62	23.00
5	1	LOW	64QAM	21.79	21.55	21.72	23.00
		MID	64QAM	21.68	21.62	21.76	23.00
		HIGH	64QAM	21.58	20.33	21.69	22.00
	12	LOW	64QAM	20.75	20.50	20.52	22.00
		MID	64QAM	20.61	20.42	20.66	22.00
		HIGH	64QAM	20.59	20.41	20.50	22.00
	25	LOW	64QAM	19.59	18.48	19.58	20.00

LTE B66-DSI2&3 -Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.44	22.45	22.41	23.00
		MID	QPSK	22.41	22.43	22.75	23.00
		HIGH	QPSK	22.45	22.66	22.52	23.00
	25	LOW	QPSK	22.15	22.53	22.13	23.00
		MID	QPSK	22.18	22.52	22.39	23.00
		HIGH	QPSK	22.49	22.47	22.27	23.00
	50	LOW	QPSK	22.43	22.48	22.27	23.00
10	1	LOW	Q16	22.09	22.39	22.19	23.00
		MID	Q16	22.39	22.35	22.08	23.00
		HIGH	Q16	22.07	21.53	22.29	23.00
	25	LOW	Q16	21.78	21.53	21.73	23.00
		MID	Q16	21.47	21.61	21.56	23.00
		HIGH	Q16	21.88	21.43	21.65	23.00
	50	LOW	Q16	21.69	21.54	21.65	23.00
10	1	LOW	64QAM	21.71	21.76	21.72	23.00
		MID	64QAM	21.78	21.46	21.73	23.00
		HIGH	64QAM	21.47	20.51	21.75	22.00
	25	LOW	64QAM	20.70	20.53	20.53	22.00
		MID	64QAM	20.62	20.64	20.73	22.00
		HIGH	64QAM	20.67	20.43	20.57	22.00
	50	LOW	64QAM	19.61	18.55	19.57	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.54	22.54	22.49	23.00
		MID	QPSK	22.46	22.18	22.57	23.00
		HIGH	QPSK	22.58	22.70	22.35	23.00
	36	LOW	QPSK	22.24	22.46	22.36	23.00
		MID	QPSK	22.15	22.52	22.51	23.00
		HIGH	QPSK	22.51	22.59	22.31	23.00
	75	LOW	QPSK	22.33	22.31	22.35	23.00
15	1	LOW	Q16	22.15	22.53	22.43	23.00
		MID	Q16	22.47	22.37	22.21	23.00
		HIGH	Q16	22.19	21.49	22.23	23.00
	36	LOW	Q16	21.63	21.67	21.63	23.00
		MID	Q16	21.48	21.78	21.43	23.00
		HIGH	Q16	21.64	21.51	21.45	23.00
	75	LOW	Q16	21.83	21.32	21.63	23.00
15	1	LOW	64QAM	21.82	21.75	21.78	23.00
		MID	64QAM	21.74	21.46	21.74	23.00
		HIGH	64QAM	21.63	20.38	21.84	22.00
	36	LOW	64QAM	20.84	20.49	20.39	22.00
		MID	64QAM	20.77	20.54	20.58	22.00
		HIGH	64QAM	20.66	20.44	20.55	22.00
	75	LOW	64QAM	19.78	18.67	19.57	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.43	22.45	22.51	23.00
		MID	QPSK	22.42	22.30	22.66	23.00
		HIGH	QPSK	22.54	22.63	22.49	23.00
	50	LOW	QPSK	22.20	22.40	22.27	23.00
		MID	QPSK	22.23	22.44	22.53	23.00
		HIGH	QPSK	22.42	22.52	22.32	23.00
	100	LOW	QPSK	22.48	22.33	22.49	23.00
20	1	LOW	Q16	22.13	22.48	22.30	23.00
		MID	Q16	22.47	22.48	22.23	23.00
		HIGH	Q16	22.19	21.56	22.18	23.00
	50	LOW	Q16	21.69	21.59	21.59	23.00
		MID	Q16	21.51	21.66	21.54	23.00
		HIGH	Q16	21.73	21.42	21.55	23.00
	100	LOW	Q16	21.75	21.41	21.76	23.00
20	1	LOW	64QAM	21.83	21.69	21.69	23.00
		MID	64QAM	21.78	21.55	21.62	23.00
		HIGH	64QAM	21.56	20.47	21.81	22.00
	50	LOW	64QAM	20.76	20.58	20.53	22.00
		MID	64QAM	20.71	20.53	20.67	22.00
		HIGH	64QAM	20.57	20.38	20.45	22.00
	100	LOW	64QAM	19.69	18.54	19.70	20.00

LTE B66-DSI 4-Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.54	19.17	19.43	20.00
		MID	QPSK	19.71	19.68	19.52	20.00
		HIGH	QPSK	19.80	19.75	19.63	20.00
	3	LOW	QPSK	19.58	19.23	19.35	20.00
		MID	QPSK	19.42	19.39	19.20	20.00
		HIGH	QPSK	19.36	19.42	19.00	20.00
	6	LOW	QPSK	19.27	19.33	19.12	20.00
1.4	1	LOW	Q16	19.44	19.43	19.62	20.00
		MID	Q16	19.29	19.44	19.59	20.00
		HIGH	Q16	19.80	19.52	19.59	20.00
	3	LOW	Q16	19.57	19.90	19.26	20.00
		MID	Q16	19.74	19.56	19.63	20.00
		HIGH	Q16	19.66	19.50	19.84	20.00
	6	LOW	Q16	19.59	19.64	19.45	20.00
1.4	1	LOW	64QAM	19.45	19.48	19.58	20.00
		MID	64QAM	19.41	19.39	19.62	20.00
		HIGH	64QAM	19.87	19.47	19.53	20.00
	3	LOW	64QAM	19.49	19.75	19.32	20.00
		MID	64QAM	19.89	19.41	19.65	20.00
		HIGH	64QAM	19.79	19.43	19.77	20.00
	6	LOW	64QAM	19.59	19.63	19.48	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.44	19.44	19.49	20.00
		MID	QPSK	19.78	19.59	19.48	20.00
		HIGH	QPSK	19.49	19.55	19.83	20.00
	8	LOW	QPSK	19.22	19.37	19.48	20.00
		MID	QPSK	19.36	19.52	19.13	20.00
		HIGH	QPSK	19.25	19.58	19.10	20.00
	15	LOW	QPSK	19.48	19.53	19.18	20.00
3	1	LOW	Q16	19.54	19.49	19.55	20.00
		MID	Q16	19.38	19.71	19.60	20.00
		HIGH	Q16	19.71	19.35	19.49	20.00
	8	LOW	Q16	19.62	19.73	19.48	20.00
		MID	Q16	19.69	19.29	19.88	20.00
		HIGH	Q16	19.47	19.59	19.62	20.00
	15	LOW	Q16	19.65	19.36	19.59	20.00
3	1	LOW	64QAM	19.85	19.80	19.87	20.00
		MID	64QAM	19.67	19.43	19.78	20.00
		HIGH	64QAM	19.68	19.25	19.73	20.00
	8	LOW	64QAM	19.40	19.62	19.50	20.00
		MID	64QAM	19.67	19.74	19.80	20.00
		HIGH	64QAM	19.54	19.36	19.65	20.00
	15	LOW	64QAM	19.78	19.67	19.62	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.58	19.53	19.73	20.00
		MID	QPSK	19.74	19.53	19.70	20.00
		HIGH	QPSK	19.62	19.46	19.63	20.00
	12	LOW	QPSK	19.48	19.29	19.50	20.00
		MID	QPSK	19.28	19.56	19.03	20.00
		HIGH	QPSK	19.17	19.52	19.15	20.00
	25	LOW	QPSK	19.47	19.28	19.15	20.00
5	1	LOW	Q16	19.30	19.47	19.47	20.00
		MID	Q16	19.35	19.58	19.44	20.00
		HIGH	Q16	19.68	19.42	19.60	20.00
	12	LOW	Q16	19.45	19.62	19.46	20.00
		MID	Q16	19.69	19.29	19.72	20.00
		HIGH	Q16	19.69	19.53	19.64	20.00
	25	LOW	Q16	19.78	19.49	19.63	20.00
5	1	LOW	64QAM	19.63	19.64	19.82	20.00
		MID	64QAM	19.63	19.23	19.75	20.00
		HIGH	64QAM	19.63	19.17	19.70	20.00
	12	LOW	64QAM	19.37	19.66	19.33	20.00
		MID	64QAM	19.72	19.62	19.56	20.00
		HIGH	64QAM	19.40	19.41	19.63	20.00
	25	LOW	64QAM	19.78	19.69	19.52	20.00

LTE B66-DSI 4-Ant.2							
Bandwidth (MH	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.54	19.40	19.55	20.00
		MID	QPSK	19.74	19.49	19.53	20.00
		HIGH	QPSK	19.49	19.57	19.81	20.00
	25	LOW	QPSK	19.22	19.33	19.35	20.00
		MID	QPSK	19.32	19.53	19.25	20.00
		HIGH	QPSK	19.11	19.55	19.11	20.00
	50	LOW	QPSK	19.67	19.52	19.08	20.00
10	1	LOW	Q16	19.52	19.69	19.66	20.00
		MID	Q16	19.29	19.53	19.47	20.00
		HIGH	Q16	19.66	19.23	19.50	20.00
	25	LOW	Q16	19.36	19.69	19.55	20.00
		MID	Q16	19.63	19.30	19.85	20.00
		HIGH	Q16	19.67	19.32	19.51	20.00
	50	LOW	Q16	19.74	19.43	19.59	20.00
10	1	LOW	64QAM	19.56	19.65	19.79	20.00
		MID	64QAM	19.61	19.49	19.79	20.00
		HIGH	64QAM	19.62	19.23	19.54	20.00
	25	LOW	64QAM	19.51	19.45	19.30	20.00
		MID	64QAM	19.71	19.64	19.64	20.00
		HIGH	64QAM	19.64	19.32	19.61	20.00
	50	LOW	64QAM	19.69	19.42	19.70	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.56	19.26	19.47	20.00
		MID	QPSK	19.80	19.70	19.66	20.00
		HIGH	QPSK	19.68	19.64	19.75	20.00
	36	LOW	QPSK	19.49	19.17	19.36	20.00
		MID	QPSK	19.39	19.41	19.21	20.00
		HIGH	QPSK	19.25	19.51	19.08	20.00
	75	LOW	QPSK	19.41	19.30	19.19	20.00
15	1	LOW	Q16	19.41	19.50	19.54	20.00
		MID	Q16	19.33	19.50	19.67	20.00
		HIGH	Q16	19.69	19.50	19.62	20.00
	36	LOW	Q16	19.46	19.77	19.38	20.00
		MID	Q16	19.76	19.46	19.72	20.00
		HIGH	Q16	19.65	19.55	19.75	20.00
	75	LOW	Q16	19.68	19.49	19.56	20.00
15	1	LOW	64QAM	19.84	19.84	19.81	20.00
		MID	64QAM	19.63	19.50	19.68	20.00
		HIGH	64QAM	19.76	19.32	19.58	20.00
	36	LOW	64QAM	19.43	19.65	19.27	20.00
		MID	64QAM	19.55	19.73	19.70	20.00
		HIGH	64QAM	19.46	19.57	19.69	20.00
	75	LOW	64QAM	19.63	19.60	19.57	20.00
Bandwidth (MH	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.57	19.38	19.58	20.00
		MID	QPSK	19.65	19.61	19.60	20.00
		HIGH	QPSK	19.55	19.60	19.70	20.00
	50	LOW	QPSK	19.37	19.30	19.67	20.00
		MID	QPSK	19.30	19.55	19.16	20.00
		HIGH	QPSK	19.17	19.63	19.17	20.00
	100	LOW	QPSK	19.54	19.38	19.21	20.00
20	1	LOW	Q16	19.42	19.62	19.51	20.00
		MID	Q16	19.37	19.57	19.55	20.00
		HIGH	Q16	19.56	19.38	19.54	20.00
	50	LOW	Q16	19.48	19.66	19.53	20.00
		MID	Q16	19.69	19.44	19.77	20.00
		HIGH	Q16	19.62	19.46	19.63	20.00
	100	LOW	Q16	19.65	19.50	19.59	20.00
20	1	LOW	64QAM	19.71	19.70	19.89	20.00
		MID	64QAM	19.63	19.35	19.82	20.00
		HIGH	64QAM	19.74	19.30	19.65	20.00
	50	LOW	64QAM	19.47	19.58	19.38	20.00
		MID	64QAM	19.65	19.59	19.65	20.00
		HIGH	64QAM	19.50	19.45	19.69	20.00
	100	LOW	64QAM	19.66	19.56	19.61	20.00

8.7.7 LTE Band38 Output Power

LTE B38-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.71	23.80	23.90	25.00
		MID	QPSK	23.64	23.85	23.94	25.00
		HIGH	QPSK	23.58	23.90	23.60	25.00
	12	LOW	QPSK	22.87	22.78	23.29	24.00
		MID	QPSK	22.83	23.04	22.90	24.00
		HIGH	QPSK	22.98	22.95	22.60	24.00
	25	LOW	QPSK	22.81	22.99	23.10	24.00
5	1	LOW	Q16	23.24	22.75	22.91	24.00
		MID	Q16	22.66	22.88	22.48	24.00
		HIGH	Q16	23.03	22.83	22.86	24.00
	12	LOW	Q16	21.78	21.86	21.73	23.00
		MID	Q16	21.92	21.65	22.02	23.00
		HIGH	Q16	21.74	21.85	21.56	23.00
	25	LOW	Q16	21.91	21.98	22.01	23.00
5	1	LOW	64QAM	22.26	21.89	21.82	23.00
		MID	64QAM	21.69	22.02	21.56	23.00
		HIGH	64QAM	21.92	21.91	21.88	23.00
	12	LOW	64QAM	20.76	20.95	20.75	22.00
		MID	64QAM	20.92	20.77	20.91	22.00
		HIGH	64QAM	20.70	20.83	20.51	22.00
	25	LOW	64QAM	20.88	20.98	21.02	22.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.70	23.81	23.86	25.00
		MID	QPSK	23.76	23.80	23.78	25.00
		HIGH	QPSK	23.89	23.92	23.73	25.00
	25	LOW	QPSK	22.91	22.81	22.93	24.00
		MID	QPSK	23.04	23.03	23.00	24.00
		HIGH	QPSK	22.77	22.90	22.62	24.00
	50	LOW	QPSK	22.87	22.92	23.00	24.00
10	1	LOW	Q16	23.15	22.88	22.86	24.00
		MID	Q16	22.74	22.93	22.82	24.00
		HIGH	Q16	22.99	22.64	22.59	24.00
	25	LOW	Q16	22.08	21.88	21.80	23.00
		MID	Q16	21.93	21.79	22.05	23.00
		HIGH	Q16	21.70	21.87	21.71	23.00
	50	LOW	Q16	22.00	21.76	21.88	23.00
10	1	LOW	64QAM	22.01	21.64	21.71	23.00
		MID	64QAM	21.88	21.74	21.58	23.00
		HIGH	64QAM	21.93	21.71	21.78	23.00
	25	LOW	64QAM	20.97	20.71	20.85	22.00
		MID	64QAM	20.80	20.70	20.80	22.00
		HIGH	64QAM	20.73	20.91	20.81	22.00
	50	LOW	64QAM	20.77	20.77	21.08	22.00

LTE B38-Full Power -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.82	23.70	23.87	25.00
		MID	QPSK	23.66	23.96	23.86	25.00
		HIGH	QPSK	23.65	23.86	23.68	25.00
	36	LOW	QPSK	22.96	22.89	23.21	24.00
		MID	QPSK	22.96	23.09	22.92	24.00
		HIGH	QPSK	22.85	22.90	22.67	24.00
	75	LOW	QPSK	22.88	22.85	23.04	24.00
15	1	LOW	Q16	23.12	22.68	22.93	24.00
		MID	Q16	22.69	22.86	22.61	24.00
		HIGH	Q16	23.05	22.78	22.80	24.00
	36	LOW	Q16	21.90	21.83	21.86	23.00
		MID	Q16	21.99	21.73	21.96	23.00
		HIGH	Q16	21.67	22.00	21.63	23.00
	75	LOW	Q16	21.95	21.83	21.98	23.00
15	1	LOW	64QAM	21.95	21.90	21.66	23.00
		MID	64QAM	21.79	21.96	21.56	23.00
		HIGH	64QAM	21.73	21.78	21.78	23.00
	36	LOW	64QAM	20.91	20.84	20.57	22.00
		MID	64QAM	20.82	20.68	20.80	22.00
		HIGH	64QAM	20.76	20.86	20.70	22.00
	75	LOW	64QAM	20.64	20.72	21.02	22.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.77	23.78	23.75	25.00
		MID	QPSK	23.81	23.85	23.85	25.00
		HIGH	QPSK	23.76	23.78	23.79	25.00
	50	LOW	QPSK	22.95	22.95	23.06	24.00
		MID	QPSK	22.90	23.05	22.99	24.00
		HIGH	QPSK	22.81	22.98	22.77	24.00
	100	LOW	QPSK	22.82	22.85	22.97	24.00
20	1	LOW	Q16	23.03	22.82	22.86	24.00
		MID	Q16	22.75	22.81	22.68	24.00
		HIGH	Q16	23.01	22.70	22.66	24.00
	50	LOW	Q16	22.00	21.88	21.71	23.00
		MID	Q16	21.88	21.74	21.95	23.00
		HIGH	Q16	21.76	21.98	21.73	23.00
	100	LOW	Q16	21.88	21.84	21.91	23.00
20	1	LOW	64QAM	21.93	21.78	21.80	23.00
		MID	64QAM	21.83	21.84	21.66	23.00
		HIGH	64QAM	21.88	21.66	21.64	23.00
	50	LOW	64QAM	20.86	20.85	20.72	22.00
		MID	64QAM	20.93	20.67	20.82	22.00
		HIGH	64QAM	20.69	20.91	20.79	22.00
	100	LOW	64QAM	20.77	20.73	20.97	22.00

LTE B38-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.61	20.70	20.60	22.00
		MID	QPSK	20.33	20.58	20.49	22.00
		HIGH	QPSK	20.53	20.83	20.68	22.00
	12	LOW	QPSK	21.04	20.96	21.01	22.00
		MID	QPSK	21.02	20.74	20.85	22.00
		HIGH	QPSK	20.66	20.70	20.66	22.00
	25	LOW	QPSK	20.88	20.48	20.30	22.00
5	1	LOW	Q16	20.88	20.52	20.62	22.00
		MID	Q16	20.47	20.72	20.68	22.00
		HIGH	Q16	20.65	20.85	20.43	22.00
	12	LOW	Q16	20.61	20.73	20.93	22.00
		MID	Q16	20.72	20.80	20.66	22.00
		HIGH	Q16	20.42	21.06	20.64	22.00
	25	LOW	Q16	20.51	20.35	20.64	22.00
5	1	LOW	64QAM	21.02	20.56	20.52	22.00
		MID	64QAM	20.39	20.73	20.69	22.00
		HIGH	64QAM	20.60	20.79	20.28	22.00
	12	LOW	64QAM	20.57	20.75	20.93	22.00
		MID	64QAM	20.68	20.86	20.52	22.00
		HIGH	64QAM	20.40	20.94	20.67	22.00
	25	LOW	64QAM	20.56	20.33	20.58	22.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.64	20.83	20.62	22.00
		MID	QPSK	20.44	20.58	20.69	22.00
		HIGH	QPSK	20.61	20.78	20.63	22.00
	25	LOW	QPSK	20.98	20.89	20.81	22.00
		MID	QPSK	20.89	20.71	21.04	22.00
		HIGH	QPSK	20.73	20.70	20.90	22.00
	50	LOW	QPSK	20.56	20.60	20.28	22.00
10	1	LOW	Q16	20.71	20.54	20.66	22.00
		MID	Q16	20.50	20.68	20.52	22.00
		HIGH	Q16	20.68	20.85	20.63	22.00
	25	LOW	Q16	20.58	20.85	20.90	22.00
		MID	Q16	20.60	20.82	20.55	22.00
		HIGH	Q16	20.74	20.91	20.60	22.00
	50	LOW	Q16	20.64	20.63	20.56	22.00
10	1	LOW	64QAM	20.72	20.63	20.91	22.00
		MID	64QAM	20.93	20.90	20.65	22.00
		HIGH	64QAM	20.54	20.59	20.86	22.00
	25	LOW	64QAM	20.67	20.49	20.28	22.00
		MID	64QAM	20.23	20.70	20.62	22.00
		HIGH	64QAM	20.73	20.63	20.39	22.00
	50	LOW	64QAM	20.52	20.85	20.65	22.00

LTE B38-DSI1 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.58	20.73	20.63	22.00
		MID	QPSK	20.45	20.57	20.61	22.00
		HIGH	QPSK	20.61	20.98	20.62	22.00
	36	LOW	QPSK	20.90	20.88	20.87	22.00
		MID	QPSK	20.97	20.87	20.98	22.00
		HIGH	QPSK	20.78	20.66	20.77	22.00
	75	LOW	QPSK	20.78	20.39	20.37	22.00
15	1	LOW	Q16	20.82	20.63	20.69	22.00
		MID	Q16	20.39	20.60	20.53	22.00
		HIGH	Q16	20.66	20.83	20.53	22.00
	36	LOW	Q16	20.59	20.84	20.93	22.00
		MID	Q16	20.58	20.74	20.54	22.00
		HIGH	Q16	20.57	20.93	20.54	22.00
	75	LOW	Q16	20.63	20.47	20.72	22.00
15	1	LOW	64QAM	20.66	20.69	20.79	22.00
		MID	64QAM	20.75	20.78	20.57	22.00
		HIGH	64QAM	20.68	20.68	20.97	22.00
	36	LOW	64QAM	20.66	20.60	20.51	22.00
		MID	64QAM	20.35	20.89	20.66	22.00
		HIGH	64QAM	20.72	20.40	20.38	22.00
	75	LOW	64QAM	20.76	20.69	20.53	22.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.54	20.75	20.52	22.00
		MID	QPSK	20.50	20.56	20.63	22.00
		HIGH	QPSK	20.56	20.87	20.88	22.00
	50	LOW	QPSK	21.02	20.86	20.94	22.00
		MID	QPSK	20.94	20.72	21.00	22.00
		HIGH	QPSK	20.80	20.80	20.75	22.00
	100	LOW	QPSK	20.68	20.53	20.41	22.00
20	1	LOW	Q16	20.71	20.55	20.67	22.00
		MID	Q16	20.44	20.56	20.64	22.00
		HIGH	Q16	20.60	20.74	20.68	22.00
	50	LOW	Q16	20.62	20.78	20.97	22.00
		MID	Q16	20.67	20.80	20.62	22.00
		HIGH	Q16	20.72	20.86	20.60	22.00
	100	LOW	Q16	20.68	20.58	20.70	22.00
20	1	LOW	64QAM	20.67	20.74	20.78	22.00
		MID	64QAM	20.84	20.75	20.54	22.00
		HIGH	64QAM	20.66	20.71	20.89	22.00
	50	LOW	64QAM	20.60	20.55	20.42	22.00
		MID	64QAM	20.37	20.74	20.55	22.00
		HIGH	64QAM	20.72	20.52	20.49	22.00
	100	LOW	64QAM	20.67	20.76	20.66	22.00

LTE B38-DSI2&3 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.05	23.07	23.27	24.50
		MID	QPSK	23.35	23.07	23.37	24.50
		HIGH	QPSK	23.40	23.46	23.12	24.50
	12	LOW	QPSK	22.23	22.40	22.42	24.00
		MID	QPSK	22.33	22.73	22.61	24.00
		HIGH	QPSK	22.38	22.93	22.62	24.00
	25	LOW	QPSK	22.20	22.59	22.76	24.00
5	1	LOW	Q16	22.69	23.00	22.35	24.00
		MID	Q16	22.79	22.66	22.48	24.00
		HIGH	Q16	22.53	22.94	22.89	24.00
	12	LOW	Q16	21.95	21.75	21.91	23.00
		MID	Q16	21.93	21.50	21.93	23.00
		HIGH	Q16	21.65	21.66	21.93	23.00
	25	LOW	Q16	21.79	21.82	21.80	23.00
5	1	LOW	64QAM	21.73	22.05	21.45	23.00
		MID	64QAM	21.78	21.63	21.50	23.00
		HIGH	64QAM	21.47	22.07	21.86	23.00
	12	LOW	64QAM	20.94	20.87	20.94	22.00
		MID	64QAM	20.80	20.41	20.80	22.00
		HIGH	64QAM	20.68	20.74	21.02	22.00
	25	LOW	64QAM	20.69	20.71	20.65	22.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.98	23.23	23.22	24.50
		MID	QPSK	23.36	22.95	23.16	24.50
		HIGH	QPSK	23.28	23.45	23.07	24.50
	25	LOW	QPSK	22.35	22.58	22.31	24.00
		MID	QPSK	22.53	22.76	22.68	24.00
		HIGH	QPSK	22.68	22.76	22.72	24.00
	50	LOW	QPSK	22.37	22.66	22.58	24.00
10	1	LOW	Q16	22.68	22.76	22.37	24.00
		MID	Q16	22.81	22.58	22.32	24.00
		HIGH	Q16	22.47	22.94	22.63	24.00
	25	LOW	Q16	21.79	21.94	21.76	23.00
		MID	Q16	21.86	21.54	21.98	23.00
		HIGH	Q16	21.52	21.77	22.03	23.00
	50	LOW	Q16	21.86	21.94	21.82	23.00
10	1	LOW	64QAM	21.56	21.50	21.56	23.00
		MID	64QAM	21.69	21.85	21.46	23.00
		HIGH	64QAM	21.55	21.49	21.74	23.00
	25	LOW	64QAM	20.49	20.51	20.86	22.00
		MID	64QAM	20.81	20.78	20.55	22.00
		HIGH	64QAM	20.38	20.86	20.70	22.00
	50	LOW	64QAM	20.83	21.03	20.52	22.00

LTE B38-DSI2&3 -Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.04	23.20	23.37	24.50
		MID	QPSK	23.28	23.12	23.22	24.50
		HIGH	QPSK	23.27	23.31	23.10	24.50
	36	LOW	QPSK	22.37	22.50	22.36	24.00
		MID	QPSK	22.41	22.73	22.72	24.00
		HIGH	QPSK	22.48	22.86	22.69	24.00
	75	LOW	QPSK	22.32	22.62	22.77	24.00
15	1	LOW	Q16	22.70	22.93	22.35	24.00
		MID	Q16	22.66	22.63	22.48	24.00
		HIGH	Q16	22.57	22.92	22.76	24.00
	36	LOW	Q16	22.06	21.75	21.85	23.00
		MID	Q16	21.94	21.57	21.90	23.00
		HIGH	Q16	21.57	21.74	22.05	23.00
	75	LOW	Q16	21.84	21.86	21.79	23.00
15	1	LOW	64QAM	21.40	21.53	21.40	23.00
		MID	64QAM	21.66	21.61	21.62	23.00
		HIGH	64QAM	21.56	21.62	21.73	23.00
	36	LOW	64QAM	20.51	20.52	20.68	22.00
		MID	64QAM	20.72	20.74	20.56	22.00
		HIGH	64QAM	20.60	20.75	20.76	22.00
	75	LOW	64QAM	20.81	20.96	20.55	22.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.11	23.31	23.39	24.50
		MID	QPSK	23.26	23.08	23.11	24.50
		HIGH	QPSK	23.21	23.25	23.17	24.50
	50	LOW	QPSK	22.61	22.57	22.46	24.00
		MID	QPSK	22.89	22.82	22.71	24.00
		HIGH	QPSK	22.77	22.75	22.65	24.00
	100	LOW	QPSK	22.77	22.55	22.71	24.00
20	1	LOW	Q16	22.63	22.89	22.36	24.00
		MID	Q16	22.72	22.70	22.35	24.00
		HIGH	Q16	22.43	22.90	22.69	24.00
	50	LOW	Q16	21.91	21.85	21.76	23.00
		MID	Q16	21.95	21.59	21.93	23.00
		HIGH	Q16	21.67	21.74	21.91	23.00
	100	LOW	Q16	21.83	21.82	21.87	23.00
20	1	LOW	64QAM	21.54	21.56	21.44	23.00
		MID	64QAM	21.61	21.75	21.60	23.00
		HIGH	64QAM	21.58	21.56	21.70	23.00
	50	LOW	64QAM	20.46	20.65	20.75	22.00
		MID	64QAM	20.76	20.69	20.53	22.00
		HIGH	64QAM	20.46	20.86	20.75	22.00
	100	LOW	64QAM	20.81	20.88	20.66	22.00

LTE B38-DSI 4-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.35	19.82	19.59	21.00
		MID	QPSK	19.93	19.64	19.92	21.00
		HIGH	QPSK	19.86	19.45	19.78	21.00
	12	LOW	QPSK	19.70	19.72	19.34	21.00
		MID	QPSK	19.78	19.76	19.69	21.00
		HIGH	QPSK	19.57	19.70	19.46	21.00
	25	LOW	QPSK	19.34	19.45	19.60	21.00
5	1	LOW	Q16	19.54	19.30	19.55	21.00
		MID	Q16	19.64	19.69	19.67	21.00
		HIGH	Q16	19.64	19.47	19.52	21.00
	12	LOW	Q16	19.84	19.86	19.80	21.00
		MID	Q16	19.82	19.24	19.98	21.00
		HIGH	Q16	19.86	19.54	20.08	21.00
	25	LOW	Q16	19.60	19.49	19.74	21.00
5	1	LOW	64QAM	19.50	19.41	19.60	21.00
		MID	64QAM	19.59	19.83	19.52	21.00
		HIGH	64QAM	19.71	19.42	19.65	21.00
	12	LOW	64QAM	19.82	19.86	19.67	21.00
		MID	64QAM	19.71	19.18	20.00	21.00
		HIGH	64QAM	20.00	19.45	19.93	21.00
	25	LOW	64QAM	19.55	19.40	19.87	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.54	19.82	19.68	21.00
		MID	QPSK	19.79	19.64	19.81	21.00
		HIGH	QPSK	19.66	19.49	19.90	21.00
	25	LOW	QPSK	19.80	19.56	19.63	21.00
		MID	QPSK	19.81	19.58	19.78	21.00
		HIGH	QPSK	19.47	19.98	19.33	21.00
	50	LOW	QPSK	19.51	19.66	19.65	21.00
10	1	LOW	Q16	19.49	19.64	19.53	21.00
		MID	Q16	19.64	19.75	19.70	21.00
		HIGH	Q16	19.57	19.39	19.52	21.00
	25	LOW	Q16	19.85	19.73	19.90	21.00
		MID	Q16	19.97	19.67	20.21	21.00
		HIGH	Q16	20.09	19.52	19.94	21.00
	50	LOW	Q16	19.69	19.53	19.87	21.00
10	1	LOW	64QAM	19.96	20.01	19.72	21.00
		MID	64QAM	19.82	19.70	19.84	21.00
		HIGH	64QAM	19.94	19.76	19.65	21.00
	25	LOW	64QAM	19.76	19.98	19.99	21.00
		MID	64QAM	19.87	19.57	19.92	21.00
		HIGH	64QAM	19.91	19.80	19.82	21.00
	50	LOW	64QAM	19.87	19.55	20.18	21.00

LTE B38-DSI 4-Ant.2							
Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.50	19.80	19.74	21.00
		MID	QPSK	19.88	19.63	19.78	21.00
		HIGH	QPSK	19.73	19.56	19.73	21.00
	36	LOW	QPSK	19.67	19.76	19.44	21.00
		MID	QPSK	19.81	19.75	19.78	21.00
		HIGH	QPSK	19.63	19.73	19.59	21.00
	75	LOW	QPSK	19.44	19.52	19.71	21.00
15	1	LOW	Q16	19.63	19.42	19.56	21.00
		MID	Q16	19.67	19.82	19.58	21.00
		HIGH	Q16	19.62	19.39	19.51	21.00
	36	LOW	Q16	19.90	19.90	19.69	21.00
		MID	Q16	19.90	19.39	19.94	21.00
		HIGH	Q16	19.98	19.59	20.18	21.00
	75	LOW	Q16	19.64	19.60	19.86	21.00
15	1	LOW	64QAM	20.05	20.01	19.90	21.00
		MID	64QAM	19.93	19.72	19.73	21.00
		HIGH	64QAM	20.00	19.60	19.79	21.00
	36	LOW	64QAM	19.69	19.75	19.84	21.00
		MID	64QAM	19.99	19.87	19.90	21.00
		HIGH	64QAM	19.83	19.91	19.93	21.00
	75	LOW	64QAM	19.72	19.66	20.05	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.64	19.78	19.80	21.00
		MID	QPSK	19.77	19.59	19.67	21.00
		HIGH	QPSK	19.78	19.64	19.82	21.00
	50	LOW	QPSK	19.68	19.61	19.55	21.00
		MID	QPSK	19.86	19.68	19.79	21.00
		HIGH	QPSK	19.55	19.84	19.47	21.00
	100	LOW	QPSK	19.63	19.59	19.56	21.00
20	1	LOW	Q16	19.59	19.50	19.52	21.00
		MID	Q16	19.62	19.85	19.55	21.00
		HIGH	Q16	19.62	19.53	19.45	21.00
	50	LOW	Q16	19.97	19.87	19.81	21.00
		MID	Q16	19.98	19.52	20.06	21.00
		HIGH	Q16	20.07	19.67	20.07	21.00
	100	LOW	Q16	19.76	19.52	19.87	21.00
20	1	LOW	64QAM	19.92	19.89	19.77	21.00
		MID	64QAM	19.96	19.69	19.88	21.00
		HIGH	64QAM	19.99	19.67	19.78	21.00
	50	LOW	64QAM	19.69	19.87	19.92	21.00
		MID	64QAM	19.98	19.72	19.91	21.00
		HIGH	64QAM	19.76	19.79	19.84	21.00
	100	LOW	64QAM	19.84	19.67	20.03	21.00

8.7.8 LTE Band41 Output Power

LTE B41-Full Power -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	24.31	23.62	24.02	24.04	23.91	25.00
		MID	QPSK	24.57	23.87	23.99	23.92	23.88	25.00
		HIGH	QPSK	24.58	23.73	24.01	24.05	24.00	25.00
	12	LOW	QPSK	23.24	22.72	22.79	22.79	23.05	24.00
		MID	QPSK	23.24	22.95	22.97	22.99	23.03	24.00
		HIGH	QPSK	23.22	22.95	22.88	22.86	23.00	24.00
	25	LOW	QPSK	23.23	22.76	22.95	22.69	23.06	24.00
5	1	LOW	Q16	23.40	23.01	23.17	22.99	23.35	24.00
		MID	Q16	23.58	23.19	23.36	23.13	23.22	24.00
		HIGH	Q16	23.60	23.10	23.23	23.04	23.10	24.00
	12	LOW	Q16	22.26	21.87	22.02	22.01	21.84	23.00
		MID	Q16	22.15	21.95	21.92	21.73	21.83	23.00
		HIGH	Q16	22.20	21.91	21.88	21.78	21.87	23.00
	25	LOW	Q16	22.20	21.97	21.91	21.92	21.91	23.00
5	1	LOW	64QAM	22.49	22.16	22.06	21.97	22.23	23.00
		MID	64QAM	22.66	22.24	22.51	22.19	22.14	23.00
		HIGH	64QAM	22.71	22.00	22.30	21.98	21.96	23.00
	12	LOW	64QAM	21.38	20.81	21.01	21.11	20.93	22.00
		MID	64QAM	21.10	21.09	21.01	20.62	20.90	22.00
		HIGH	64QAM	21.32	20.78	20.73	20.64	20.76	22.00
	25	LOW	64QAM	21.32	20.84	20.87	20.96	20.94	22.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.71	23.84	23.94	23.74	23.61	25.00
		MID	QPSK	23.60	23.64	23.64	23.33	23.46	25.00
		HIGH	QPSK	23.56	23.52	23.73	23.51	23.53	25.00
	25	LOW	QPSK	22.82	22.91	22.76	22.90	22.79	24.00
		MID	QPSK	22.64	22.76	22.72	22.74	22.70	24.00
		HIGH	QPSK	22.99	22.65	22.64	22.91	22.65	24.00
	50	LOW	QPSK	23.27	22.99	23.10	22.97	23.02	24.00
10	1	LOW	Q16	23.19	22.79	22.90	23.19	22.72	24.00
		MID	Q16	23.00	22.73	22.71	23.20	22.76	24.00
		HIGH	Q16	22.98	22.71	22.83	22.74	22.73	24.00
	25	LOW	Q16	22.28	22.02	21.82	22.08	22.00	23.00
		MID	Q16	21.72	21.94	22.01	21.67	22.18	23.00
		HIGH	Q16	21.82	21.63	22.01	21.74	21.88	23.00
	50	LOW	Q16	21.90	21.95	21.85	21.92	22.28	23.00
10	1	LOW	64QAM	22.00	21.95	22.07	22.08	21.71	23.00
		MID	64QAM	21.94	21.60	21.66	22.18	21.65	23.00
		HIGH	64QAM	21.72	21.96	22.08	22.02	22.12	23.00
	25	LOW	64QAM	21.12	20.99	20.99	21.19	21.04	22.00
		MID	64QAM	20.51	21.02	20.87	20.69	21.12	22.00
		HIGH	64QAM	20.94	20.69	20.93	20.87	20.75	22.00
	50	LOW	64QAM	20.69	21.22	20.87	21.03	21.21	22.00

LTE B41-Full Power -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.62	23.85	23.88	23.98	23.70	25.00
		MID	QPSK	23.55	23.57	23.47	23.41	23.50	25.00
		HIGH	QPSK	23.31	23.67	23.51	23.51	23.40	25.00
	36	LOW	QPSK	22.86	22.85	22.81	22.81	22.97	24.00
		MID	QPSK	22.91	22.70	22.90	22.72	22.66	24.00
		HIGH	QPSK	22.98	22.66	22.72	22.69	22.86	24.00
	75	LOW	QPSK	23.26	22.94	23.18	23.04	22.99	24.00
15	1	LOW	Q16	23.06	22.75	22.97	23.33	22.86	24.00
		MID	Q16	23.17	22.87	22.87	23.16	22.69	24.00
		HIGH	Q16	22.85	22.96	23.01	22.78	22.89	24.00
	36	LOW	Q16	22.16	21.84	21.85	21.93	22.14	23.00
		MID	Q16	21.66	22.00	22.09	21.77	22.21	23.00
		HIGH	Q16	21.97	21.73	21.71	21.81	21.68	23.00
	75	LOW	Q16	21.97	21.95	21.83	21.93	22.19	23.00
15	1	LOW	64QAM	21.85	21.87	21.94	22.11	21.85	23.00
		MID	64QAM	21.99	21.63	21.62	22.17	21.54	23.00
		HIGH	64QAM	21.92	21.84	22.23	22.07	22.03	23.00
	36	LOW	64QAM	21.04	20.88	21.09	21.22	21.13	22.00
		MID	64QAM	20.79	21.11	20.87	20.61	21.00	22.00
		HIGH	64QAM	20.91	20.75	21.12	20.81	20.79	22.00
	75	LOW	64QAM	20.94	21.23	20.75	20.85	21.26	22.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.75	23.81	23.82	23.88	23.73	25.00
		MID	QPSK	23.51	23.56	23.58	23.43	23.48	25.00
		HIGH	QPSK	23.46	23.52	23.59	23.49	23.53	25.00
	50	LOW	QPSK	22.90	22.90	22.77	22.87	22.82	24.00
		MID	QPSK	22.78	22.78	22.85	22.65	22.74	24.00
		HIGH	QPSK	22.95	22.77	22.77	22.82	22.71	24.00
	100	LOW	QPSK	23.13	22.95	23.14	22.99	22.92	24.00
20	1	LOW	Q16	23.07	22.88	22.83	23.18	22.81	24.00
		MID	Q16	23.15	22.81	22.85	23.21	22.71	24.00
		HIGH	Q16	22.83	22.82	22.98	22.83	22.86	24.00
	50	LOW	Q16	22.14	21.94	21.93	21.99	22.04	23.00
		MID	Q16	21.80	22.04	21.95	21.66	22.06	23.00
		HIGH	Q16	21.86	21.77	21.86	21.79	21.76	23.00
	100	LOW	Q16	21.94	22.02	21.86	21.94	22.15	23.00
20	1	LOW	64QAM	21.96	21.97	21.94	22.22	21.82	23.00
		MID	64QAM	22.06	21.67	21.74	22.25	21.67	23.00
		HIGH	64QAM	21.81	21.92	22.08	21.95	21.98	23.00
	50	LOW	64QAM	21.19	20.97	21.00	21.11	21.10	22.00
		MID	64QAM	20.65	21.05	20.82	20.60	21.10	22.00
		HIGH	64QAM	21.00	20.81	21.00	20.82	20.80	22.00
	100	LOW	64QAM	20.80	21.15	20.76	20.95	21.16	22.00

LTE B41-DSI1 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.78	20.75	20.86	20.75	21.06	21.50
		MID	QPSK	20.94	20.94	20.56	20.86	20.65	21.50
		HIGH	QPSK	20.70	20.86	20.62	20.70	21.03	21.50
	12	LOW	QPSK	20.74	20.72	20.81	21.00	20.86	21.50
		MID	QPSK	20.75	20.94	20.95	20.96	20.58	21.50
		HIGH	QPSK	21.08	20.95	21.00	20.66	21.15	21.50
	25	LOW	QPSK	21.04	20.72	21.06	20.96	21.05	21.50
5	1	LOW	Q16	20.52	20.76	20.71	20.77	20.66	21.50
		MID	Q16	20.93	20.80	20.84	20.58	20.85	21.50
		HIGH	Q16	20.78	21.00	20.90	20.60	21.00	21.50
	12	LOW	Q16	20.94	20.76	20.62	20.67	20.86	21.50
		MID	Q16	20.87	20.99	20.70	20.80	20.97	21.50
		HIGH	Q16	20.68	20.76	20.81	20.72	20.88	21.50
	25	LOW	Q16	20.96	20.60	20.68	20.98	20.70	21.50
5	1	LOW	64QAM	20.38	20.84	20.66	20.71	20.57	21.50
		MID	64QAM	20.93	20.79	20.95	20.70	20.83	21.50
		HIGH	64QAM	20.79	20.99	21.02	20.59	21.00	21.50
	12	LOW	64QAM	20.92	20.66	20.65	20.76	20.89	21.50
		MID	64QAM	20.75	20.89	20.83	20.79	20.89	21.50
		HIGH	64QAM	20.64	20.89	20.76	20.85	20.89	21.50
	25	LOW	64QAM	20.90	20.62	20.57	20.87	20.65	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.80	21.04	20.80	20.86	20.83	21.50
		MID	QPSK	21.00	20.92	20.71	20.66	20.84	21.50
		HIGH	QPSK	20.67	21.07	20.60	20.85	20.79	21.50
	25	LOW	QPSK	20.76	21.00	20.69	21.04	21.00	21.50
		MID	QPSK	20.70	20.85	21.15	20.84	20.65	21.50
		HIGH	QPSK	20.96	20.74	20.74	20.76	21.11	21.50
	50	LOW	QPSK	20.88	20.87	21.00	20.82	20.91	21.50
10	1	LOW	Q16	20.70	20.69	20.79	20.92	20.93	21.50
		MID	Q16	20.95	20.57	20.79	20.68	20.91	21.50
		HIGH	Q16	20.75	20.94	20.72	20.75	21.02	21.50
	25	LOW	Q16	20.93	20.84	20.64	20.73	20.94	21.50
		MID	Q16	20.84	20.87	20.78	20.89	21.01	21.50
		HIGH	Q16	20.60	21.00	20.83	20.75	20.97	21.50
	50	LOW	Q16	21.04	20.65	20.85	20.74	20.79	21.50
10	1	LOW	64QAM	20.75	20.52	20.58	20.90	20.75	21.50
		MID	64QAM	20.90	20.87	20.83	21.00	20.75	21.50
		HIGH	64QAM	20.78	20.79	20.65	20.61	20.90	21.50
	25	LOW	64QAM	20.71	20.84	20.78	20.97	20.81	21.50
		MID	64QAM	20.89	20.90	20.93	20.98	20.74	21.50
		HIGH	64QAM	20.97	20.54	21.04	20.89	20.62	21.50
	50	LOW	64QAM	20.82	21.03	20.81	20.96	20.89	21.50

LTE B41-DSI1 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.71	20.86	20.81	20.73	21.03	21.50
		MID	QPSK	21.02	20.96	20.58	20.92	20.73	21.50
		HIGH	QPSK	20.83	21.05	20.57	20.68	20.79	21.50
	36	LOW	QPSK	20.76	20.86	20.76	20.85	20.95	21.50
		MID	QPSK	20.87	20.76	21.05	20.77	20.60	21.50
		HIGH	QPSK	21.00	20.87	20.81	20.70	21.09	21.50
	75	LOW	QPSK	21.00	20.64	20.80	21.08	21.01	21.50
15	1	LOW	Q16	20.62	20.59	20.76	20.80	20.88	21.50
		MID	Q16	20.93	20.85	20.66	20.58	20.90	21.50
		HIGH	Q16	20.49	20.94	20.89	20.69	20.90	21.50
	36	LOW	Q16	20.77	21.02	20.82	20.79	20.91	21.50
		MID	Q16	20.79	20.75	20.69	20.96	21.13	21.50
		HIGH	Q16	20.84	20.80	20.91	20.84	21.00	21.50
	75	LOW	Q16	20.79	20.72	20.79	20.85	20.83	21.50
15	1	LOW	64QAM	20.61	20.49	20.72	21.13	20.83	21.50
		MID	64QAM	20.84	20.85	20.74	20.80	20.80	21.50
		HIGH	64QAM	20.61	20.93	20.60	20.89	20.86	21.50
	36	LOW	64QAM	20.94	20.81	20.81	20.80	20.97	21.50
		MID	64QAM	20.87	20.73	20.87	20.94	20.79	21.50
		HIGH	64QAM	20.92	20.57	21.07	20.74	20.67	21.50
	75	LOW	64QAM	20.72	20.97	20.79	21.03	20.71	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.72	20.89	20.90	20.75	20.96	21.50
		MID	QPSK	21.02	20.98	20.66	20.77	20.72	21.50
		HIGH	QPSK	20.76	21.00	20.71	20.76	20.94	21.50
	50	LOW	QPSK	20.86	20.86	20.83	20.97	20.92	21.50
		MID	QPSK	21.05	20.86	21.00	20.90	20.66	21.50
		HIGH	QPSK	20.95	20.80	20.85	20.63	21.00	21.50
	100	LOW	QPSK	21.02	20.75	20.94	20.96	20.99	21.50
20	1	LOW	Q16	20.65	20.62	20.76	20.92	20.79	21.50
		MID	Q16	20.80	20.72	20.71	20.69	20.83	21.50
		HIGH	Q16	20.63	20.94	20.85	20.74	20.96	21.50
	50	LOW	Q16	20.80	20.90	20.76	20.69	20.79	21.50
		MID	Q16	20.76	20.85	20.69	20.84	20.98	21.50
		HIGH	Q16	20.71	20.88	20.88	20.85	20.87	21.50
	100	LOW	Q16	20.91	20.71	20.81	20.83	20.73	21.50
20	1	LOW	64QAM	20.64	20.63	20.72	20.99	20.74	21.50
		MID	64QAM	20.92	20.99	20.87	20.92	20.86	21.50
		HIGH	64QAM	20.71	20.88	20.63	20.76	20.94	21.50
	50	LOW	64QAM	20.81	20.70	20.75	20.85	20.82	21.50
		MID	64QAM	20.81	20.75	20.98	20.96	20.78	21.50
		HIGH	64QAM	20.94	20.62	20.97	20.79	20.75	21.50
	100	LOW	64QAM	20.82	20.94	20.85	20.93	20.79	21.50

LTE B41-DSI2&3 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.27	23.29	23.02	23.40	23.03	24.50
		MID	QPSK	23.30	23.27	23.44	23.04	23.33	24.50
		HIGH	QPSK	23.51	23.21	23.21	23.54	23.49	24.50
	12	LOW	QPSK	22.64	22.85	22.72	22.72	22.93	24.00
		MID	QPSK	22.85	22.88	22.98	22.88	22.61	24.00
		HIGH	QPSK	22.60	22.95	22.82	23.03	22.61	24.00
	25	LOW	QPSK	22.72	22.63	22.72	22.98	22.77	24.00
5	1	LOW	Q16	22.74	22.71	22.81	22.67	22.72	24.00
		MID	Q16	22.80	23.04	22.83	22.81	22.91	24.00
		HIGH	Q16	23.04	23.14	23.02	22.80	22.71	24.00
	12	LOW	Q16	21.66	21.63	21.75	21.68	22.15	23.00
		MID	Q16	21.87	21.93	21.77	21.87	21.66	23.00
		HIGH	Q16	21.58	21.76	21.92	21.62	21.80	23.00
	25	LOW	Q16	21.92	21.87	21.88	21.71	21.62	23.00
5	1	LOW	64QAM	21.64	21.78	21.87	21.66	21.64	23.00
		MID	64QAM	21.92	21.91	21.88	21.71	21.99	23.00
		HIGH	64QAM	22.06	22.24	21.90	21.93	21.71	23.00
	12	LOW	64QAM	20.77	20.74	20.77	20.69	21.07	22.00
		MID	64QAM	20.76	20.93	20.78	20.78	20.60	22.00
		HIGH	64QAM	20.67	20.61	20.89	20.48	20.89	22.00
	25	LOW	64QAM	21.05	20.79	20.86	20.67	20.65	22.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.11	23.48	23.08	23.25	23.05	24.50
		MID	QPSK	23.25	23.38	23.42	23.07	23.39	24.50
		HIGH	QPSK	23.36	23.38	23.25	23.43	23.47	24.50
	25	LOW	QPSK	22.70	22.66	22.54	22.72	22.72	24.00
		MID	QPSK	22.76	22.87	22.78	22.91	22.69	24.00
		HIGH	QPSK	22.60	22.94	22.78	22.91	22.81	24.00
	50	LOW	QPSK	22.76	22.66	22.97	23.01	22.79	24.00
10	1	LOW	Q16	22.58	22.89	22.79	22.51	22.83	24.00
		MID	Q16	22.71	22.92	22.94	22.73	22.84	24.00
		HIGH	Q16	23.04	22.98	22.86	22.63	22.71	24.00
	25	LOW	Q16	21.59	21.55	21.68	21.72	21.85	23.00
		MID	Q16	21.75	21.85	21.62	21.71	21.78	23.00
		HIGH	Q16	21.54	21.57	21.95	21.61	21.79	23.00
	50	LOW	Q16	21.77	22.02	21.71	21.68	21.53	23.00
10	1	LOW	64QAM	21.59	21.83	21.83	21.96	21.82	23.00
		MID	64QAM	21.71	21.80	21.72	21.96	21.54	23.00
		HIGH	64QAM	21.88	21.78	21.54	21.98	21.75	23.00
	25	LOW	64QAM	21.01	20.60	20.62	20.65	20.82	22.00
		MID	64QAM	20.86	20.75	20.87	20.63	20.67	22.00
		HIGH	64QAM	21.00	20.79	20.97	20.99	20.70	22.00
	50	LOW	64QAM	20.55	21.04	20.70	20.53	20.92	22.00

LTE B41-DSI2&3 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.43	23.15	23.40	22.99	24.50
		MID	QPSK	23.20	23.40	23.63	23.32	23.33	24.50
		HIGH	QPSK	23.57	23.17	23.16	23.52	23.24	24.50
	36	LOW	QPSK	22.72	22.71	22.82	22.61	22.76	24.00
		MID	QPSK	22.66	22.85	23.05	23.01	22.52	24.00
		HIGH	QPSK	22.56	23.14	22.79	22.92	22.86	24.00
	75	LOW	QPSK	22.90	22.58	22.94	22.99	22.78	24.00
15	1	LOW	Q16	22.88	22.89	22.66	22.56	22.69	24.00
		MID	Q16	22.81	22.78	22.87	22.85	22.98	24.00
		HIGH	Q16	23.06	23.10	23.02	22.61	22.67	24.00
	36	LOW	Q16	21.56	21.72	21.80	21.50	22.11	23.00
		MID	Q16	21.68	21.76	21.79	21.66	21.78	23.00
		HIGH	Q16	21.59	21.65	21.91	21.68	21.83	23.00
	75	LOW	Q16	21.83	21.99	21.74	21.87	21.67	23.00
15	1	LOW	64QAM	21.66	21.84	21.76	21.75	21.73	23.00
		MID	64QAM	21.55	21.64	21.88	22.02	21.70	23.00
		HIGH	64QAM	21.77	21.78	21.73	22.01	21.74	23.00
	36	LOW	64QAM	20.85	20.65	20.78	20.77	20.81	22.00
		MID	64QAM	20.83	20.82	21.10	20.68	20.75	22.00
		HIGH	64QAM	20.97	20.67	20.79	20.71	20.70	22.00
	75	LOW	64QAM	20.69	20.91	20.61	20.48	20.77	22.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.20	23.39	23.17	23.38	23.14	24.50
		MID	QPSK	23.20	23.37	23.50	23.17	23.37	24.50
		HIGH	QPSK	23.53	23.24	23.31	23.50	23.39	24.50
	50	LOW	QPSK	23.02	22.79	22.67	22.76	22.82	24.00
		MID	QPSK	22.74	22.97	22.93	23.00	22.65	24.00
		HIGH	QPSK	22.66	23.00	22.77	22.90	22.72	24.00
	100	LOW	QPSK	22.89	22.69	22.86	22.88	22.85	24.00
20	1	LOW	Q16	22.73	22.76	22.69	22.66	22.79	24.00
		MID	Q16	22.66	22.92	22.96	22.75	22.95	24.00
		HIGH	Q16	22.99	22.99	22.92	22.72	22.79	24.00
	50	LOW	Q16	21.67	21.61	21.81	21.63	22.00	23.00
		MID	Q16	21.74	21.82	21.66	21.75	21.66	23.00
		HIGH	Q16	21.65	21.72	21.81	21.70	21.94	23.00
	100	LOW	Q16	21.78	21.87	21.74	21.72	21.61	23.00
20	1	LOW	64QAM	21.68	21.96	21.87	21.90	21.72	23.00
		MID	64QAM	21.69	21.66	21.76	21.87	21.61	23.00
		HIGH	64QAM	21.87	21.87	21.68	21.89	21.60	23.00
	50	LOW	64QAM	20.98	20.69	20.66	20.64	20.73	22.00
		MID	64QAM	20.81	20.79	21.00	20.70	20.65	22.00
		HIGH	64QAM	20.96	20.76	20.86	20.84	20.80	22.00
	100	LOW	64QAM	20.60	20.94	20.65	20.62	20.79	22.00

LTE B41-DSI4 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.77	19.51	19.65	19.81	19.70	21.00
		MID	QPSK	19.48	19.74	19.64	19.79	19.87	21.00
		HIGH	QPSK	19.75	19.98	19.86	19.96	19.93	21.00
	12	LOW	QPSK	19.98	19.92	19.68	19.85	19.70	21.00
		MID	QPSK	19.91	19.77	19.88	19.61	19.54	21.00
		HIGH	QPSK	19.92	19.70	19.76	19.76	19.59	21.00
	25	LOW	QPSK	19.61	19.67	19.95	19.62	19.77	21.00
5	1	LOW	Q16	19.73	19.93	19.85	19.95	19.71	21.00
		MID	Q16	20.14	19.77	19.98	19.80	19.71	21.00
		HIGH	Q16	20.08	19.76	19.76	19.62	19.90	21.00
	12	LOW	Q16	20.05	19.78	20.07	19.91	19.87	21.00
		MID	Q16	19.78	19.64	19.88	20.02	19.66	21.00
		HIGH	Q16	19.80	19.95	19.80	19.75	19.78	21.00
	25	LOW	Q16	19.85	19.89	19.95	19.76	19.82	21.00
5	1	LOW	64QAM	19.80	19.96	19.81	19.80	19.71	21.00
		MID	64QAM	20.14	19.76	20.08	19.82	19.70	21.00
		HIGH	64QAM	19.95	19.64	19.68	19.51	19.95	21.00
	12	LOW	64QAM	19.96	19.71	20.03	19.88	19.72	21.00
		MID	64QAM	19.66	19.51	19.75	20.12	19.79	21.00
		HIGH	64QAM	19.92	19.90	19.87	19.71	19.77	21.00
	25	LOW	64QAM	19.98	19.91	20.05	19.80	19.84	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.71	19.64	19.60	19.82	19.75	21.00
		MID	QPSK	19.57	19.73	19.72	19.67	19.97	21.00
		HIGH	QPSK	19.76	20.00	19.98	19.97	19.81	21.00
	25	LOW	QPSK	19.78	19.89	19.65	19.94	19.59	21.00
		MID	QPSK	19.80	20.00	19.70	19.71	19.66	21.00
		HIGH	QPSK	19.90	19.73	19.90	19.90	19.62	21.00
	50	LOW	QPSK	19.78	19.87	20.04	19.64	19.56	21.00
10	1	LOW	Q16	19.52	20.07	19.74	19.86	19.76	21.00
		MID	Q16	20.02	19.74	19.80	20.00	19.91	21.00
		HIGH	Q16	19.94	19.77	19.65	19.76	19.91	21.00
	25	LOW	Q16	19.88	19.54	19.87	19.82	20.05	21.00
		MID	Q16	19.66	19.60	19.90	19.87	19.84	21.00
		HIGH	Q16	19.95	19.73	19.64	19.68	19.69	21.00
	50	LOW	Q16	19.91	19.86	19.96	19.82	20.10	21.00
10	1	LOW	64QAM	19.89	19.82	19.63	19.87	19.82	21.00
		MID	64QAM	19.57	19.93	19.79	19.78	19.84	21.00
		HIGH	64QAM	19.56	20.00	19.79	19.94	19.70	21.00
	25	LOW	64QAM	19.69	19.87	19.63	19.63	19.98	21.00
		MID	64QAM	19.92	19.94	19.84	19.95	19.81	21.00
		HIGH	64QAM	19.69	19.81	19.92	19.73	19.89	21.00
	50	LOW	64QAM	19.80	19.84	19.88	19.48	19.66	21.00

LTE B41-DSI4 -Ant.2									
Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.82	19.56	19.75	19.84	19.62	21.00
		MID	QPSK	19.57	19.61	19.65	19.69	20.11	21.00
		HIGH	QPSK	19.64	19.94	20.07	19.70	20.00	21.00
	36	LOW	QPSK	19.73	19.88	19.80	19.76	19.58	21.00
		MID	QPSK	19.92	19.83	19.71	19.65	19.76	21.00
		HIGH	QPSK	19.93	19.59	19.99	19.91	19.58	21.00
	75	LOW	QPSK	19.62	19.82	19.85	19.77	19.76	21.00
15	1	LOW	Q16	19.76	19.95	19.84	19.84	19.83	21.00
		MID	Q16	20.14	19.73	19.88	19.90	19.90	21.00
		HIGH	Q16	19.85	19.74	19.75	19.66	19.86	21.00
	36	LOW	Q16	20.03	19.68	20.01	19.84	19.94	21.00
		MID	Q16	19.56	19.74	19.68	19.84	19.78	21.00
		HIGH	Q16	19.71	19.85	19.85	19.51	19.57	21.00
	75	LOW	Q16	19.75	19.99	20.02	19.74	20.08	21.00
15	1	LOW	64QAM	19.97	19.86	19.74	19.94	19.79	21.00
		MID	64QAM	19.56	19.80	19.78	19.94	20.00	21.00
		HIGH	64QAM	19.52	19.93	20.04	19.83	19.64	21.00
	36	LOW	64QAM	19.89	20.03	19.45	19.55	19.98	21.00
		MID	64QAM	19.99	19.89	19.67	19.89	19.79	21.00
		HIGH	64QAM	19.90	19.80	19.76	19.75	19.93	21.00
	75	LOW	64QAM	19.94	19.76	19.98	19.55	19.80	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.86	19.62	19.65	19.96	19.72	21.00
		MID	QPSK	19.99	19.62	19.62	19.73	19.98	21.00
		HIGH	QPSK	19.75	19.91	19.94	19.83	19.87	21.00
	50	LOW	QPSK	19.98	19.95	19.69	19.88	19.67	21.00
		MID	QPSK	19.78	19.85	19.75	19.65	19.65	21.00
		HIGH	QPSK	19.83	19.63	19.89	19.86	19.63	21.00
	100	LOW	QPSK	19.98	19.81	19.95	19.74	19.65	21.00
20	1	LOW	Q16	19.67	19.97	19.76	19.94	19.84	21.00
		MID	Q16	19.99	19.85	19.83	19.88	19.80	21.00
		HIGH	Q16	19.98	19.63	19.74	19.72	19.86	21.00
	50	LOW	Q16	19.92	19.63	19.97	19.82	19.92	21.00
		MID	Q16	19.63	19.62	19.82	19.89	19.72	21.00
		HIGH	Q16	19.81	19.88	19.74	19.62	19.66	21.00
	100	LOW	Q16	19.89	19.92	19.94	19.80	19.96	21.00
20	1	LOW	64QAM	19.98	19.96	19.65	20.00	19.89	21.00
		MID	64QAM	19.68	19.90	19.78	19.93	19.93	21.00
		HIGH	64QAM	19.67	19.96	19.90	19.96	19.79	21.00
	50	LOW	64QAM	19.78	20.00	19.60	19.63	19.96	21.00
		MID	64QAM	19.95	19.88	19.80	19.90	19.85	21.00
		HIGH	64QAM	19.77	19.69	19.81	19.87	19.80	21.00
	100	LOW	64QAM	19.86	19.85	19.86	19.62	19.69	21.00

8.8.1 NR Band78 Output Power

N5-ANT4 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.36	24.21	24.15	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.18	24.08	24.23	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.34	24.25	24.29	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.65	24.67	24.61	25.50
		1	53	24.21	24.55	24.55	25.50
		1	104	24.49	24.40	24.39	25.50
	DFT-s-OFDM BPSK	50	0	23.98	24.05	24.20	25.50
		50	28	24.26	24.62	24.47	25.50
		50	56	24.21	24.59	24.30	25.50
	DFT-s-OFDM BPSK	100	0	22.92	23.33	23.23	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.22	25.50
		1	53	24.06	24.51	24.56	25.50
		1	104	24.67	24.41	24.20	25.50
	DFT-s-OFDM QPSK	50	0	23.85	24.07	24.09	25.50
		50	28	24.14	24.22	24.61	25.50
		50	56	24.58	24.44	24.58	25.50
	DFT-s-OFDM QPSK	100	0	23.04	23.14	23.14	24.50
	DFT-s-OFDM 16QAM	1	1	23.18	23.22	23.20	24.50
	DFT-s-OFDM 64QAM	1	1	22.06	21.88	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	19.95	20.05	20.02	21.00
	CP-OFDM QPSK	1	1	22.85	22.88	22.78	24.00
	CP-OFDM 16QAM	1	1	22.30	22.25	22.44	23.50
	CP-OFDM 64QAM	1	1	20.96	21.05	21.14	22.00
	CP-OFDM 256QAM	1	1	18.45	18.65	18.54	19.00

N5-ANT4 DSI1&2&3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB
		RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.36	24.21	24.15	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB
		RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.18	24.08	24.23	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB
		RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.34	24.25	24.29	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB
		RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.65	24.67	24.61	25.50
		1	53	24.21	24.55	24.55	25.50
		1	104	24.49	24.40	24.39	25.50
	DFT-s-OFDM BPSK	50	0	23.98	24.05	24.20	25.50
		50	28	24.26	24.62	24.47	25.50
		50	56	24.21	24.59	24.30	25.50
	DFT-s-OFDM BPSK	100	0	22.92	23.33	23.23	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.22	25.50
		1	53	24.06	24.51	24.56	25.50
		1	104	24.67	24.41	24.20	25.50
	DFT-s-OFDM QPSK	50	0	23.85	24.07	24.09	25.50
		50	28	24.14	24.22	24.61	25.50
		50	56	24.58	24.44	24.58	25.50
	DFT-s-OFDM QPSK	100	0	23.04	23.14	23.14	24.50
	DFT-s-OFDM 16QAM	1	1	23.18	23.22	23.20	24.50
	DFT-s-OFDM 64QAM	1	1	22.06	21.88	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	19.95	20.05	20.02	21.00
	CP-OFDM QPSK	1	1	22.85	22.88	22.78	24.00
	CP-OFDM 16QAM	1	1	22.30	22.25	22.44	23.50
	CP-OFDM 64QAM	1	1	20.96	21.05	21.14	22.00
	CP-OFDM 256QAM	1	1	18.45	18.65	18.54	19.00

8.8.2 NR Band78 Output Power

N7-ANT1 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.82	24.52	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.89	24.55	24.43	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.60	24.54	24.68	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.01	24.70	24.12	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.55	24.69	24.21	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	24.35	24.60	24.30	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	22.86	23.34	23.24	24.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	24.70	24.53	24.41	25.50
		1	135	24.22	24.29	24.26	25.50
		1	268	24.88	24.77	24.61	25.50
	DFT-s-OFDM BPSK	135	0	24.26	24.43	24.37	25.50
		135	68	24.50	24.50	24.68	25.50
		135	135	24.42	24.56	24.62	25.50
	DFT-s-OFDM BPSK	270	0	22.99	23.16	23.12	24.50
	DFT-s-OFDM QPSK	1	1	24.79	24.70	24.54	25.50
		1	135	24.02	24.48	24.22	25.50
		1	268	24.99	24.95	24.65	25.50
	DFT-s-OFDM QPSK	135	0	24.12	24.51	24.32	25.50
		135	68	24.39	24.44	24.65	25.50
		135	135	24.39	24.71	24.73	25.50
	DFT-s-OFDM QPSK	270	0	22.85	23.05	22.92	24.50
	DFT-s-OFDM 16QAM	1	1	23.20	23.09	23.24	24.50
	DFT-s-OFDM 64QAM	1	1	22.38	22.25	22.06	23.00
	DFT-s-OFDM 256QAM	1	1	20.12	20.23	20.15	21.00
	CP-OFDM QPSK	1	1	23.31	23.51	23.52	24.00
	CP-OFDM 16QAM	1	1	23.15	23.27	23.18	23.50
	CP-OFDM 64QAM	1	1	21.56	21.55	21.75	22.00
	CP-OFDM 256QAM	1	1	18.52	18.71	18.91	19.00

N7-ANT1 DSI1&2(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.82	24.52	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.89	24.55	24.43	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.60	24.54	24.68	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.01	24.70	24.12	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.55	24.69	24.21	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	24.35	24.60	24.30	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	22.86	23.34	23.24	24.50
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	24.70	24.53	24.41	25.50
		1	135	24.22	24.29	24.26	25.50
		1	268	24.88	24.77	24.61	25.50
	DFT-s-OFDM BPSK	135	0	24.26	24.43	24.37	25.50
		135	68	24.50	24.50	24.68	25.50
		135	135	24.42	24.56	24.62	25.50
	DFT-s-OFDM BPSK	270	0	22.99	23.16	23.12	24.50
	DFT-s-OFDM QPSK	1	1	24.79	24.70	24.54	25.50
		1	135	24.02	24.48	24.22	25.50
		1	268	24.99	24.95	24.65	25.50
	DFT-s-OFDM QPSK	135	0	24.12	24.51	24.32	25.50
		135	68	24.39	24.44	24.65	25.50
		135	135	24.39	24.71	24.73	25.50
	DFT-s-OFDM QPSK	270	0	22.85	23.05	22.92	24.50
	DFT-s-OFDM 16QAM	1	1	23.20	23.09	23.24	24.50
	DFT-s-OFDM 64QAM	1	1	22.38	22.25	22.06	23.00
	DFT-s-OFDM 256QAM	1	1	20.12	20.23	20.15	21.00
	CP-OFDM QPSK	1	1	23.31	23.51	23.52	24.00
	CP-OFDM 16QAM	1	1	23.15	23.27	23.18	23.50
	CP-OFDM 64QAM	1	1	21.56	21.55	21.75	22.00
	CP-OFDM 256QAM	1	1	18.52	18.71	18.91	19.00

N7-ANT1 DSI3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB
		RB Size	RB offest	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	18.41	18.07	18.09	19.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB
		RB Size	RB offest	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	18.38	18.22	18.12	19.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB
		RB Size	RB offest	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	18.22	18.22	18.09	19.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB
		RB Size	RB offest	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	18.15	18.13	18.16	19.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB
		RB Size	RB offest	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	18.24	18.11	18.12	19.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2517.5	2535	2552.5	
30	DFT-s-OFDM QPSK	1	1	18.22	18.09	18.32	19.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB
		RB Size	RB offest	2520	2535	2550	
40	DFT-s-OFDM QPSK	1	1	18.25	18.14	18.10	19.00
Bandwidth (MHz)	Modulation	Channel		505000	507000	509000	Tune-up power(dB
		RB Size	RB offest	2525	2535	2545	
50	DFT-s-OFDM BPSK	1	1	18.21	18.26	18.27	19.00
		1	135	17.83	18.31	18.24	19.00
		1	268	18.15	18.41	18.23	19.00
	DFT-s-OFDM BPSK	135	0	18.22	18.08	18.05	19.00
		135	68	18.17	18.14	18.16	19.00
		135	135	17.96	18.28	18.07	19.00
	DFT-s-OFDM BPSK	270	0	18.02	18.17	18.12	19.00
	DFT-s-OFDM QPSK	1	1	17.94	18.08	18.08	19.00
		1	135	18.01	18.22	18.14	19.00
		1	268	18.06	18.14	17.97	19.00
	DFT-s-OFDM QPSK	135	0	18.08	18.34	18.07	19.00
		135	68	18.16	17.92	17.92	19.00
		135	135	17.99	18.08	18.03	19.00
	DFT-s-OFDM QPSK	270	0	17.98	18.28	18.01	19.00
	DFT-s-OFDM 16QAM	1	1	18.25	18.00	18.10	19.00
	DFT-s-OFDM 64QAM	1	1	18.09	17.87	18.25	19.00
	DFT-s-OFDM 256QAM	1	1	18.23	18.00	18.15	19.00
	CP-OFDM QPSK	1	1	18.46	17.94	18.31	19.00
	CP-OFDM 16QAM	1	1	17.89	18.34	18.36	19.00
	CP-OFDM 64QAM	1	1	18.20	18.37	18.05	19.00
	CP-OFDM 256QAM	1	1	17.75	17.52	17.57	18.50

8.8.3 NR Band78 Output Power

N66-ANT1 Full power(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	25.32	25.46	25.25	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	25.04	25.08	25.23	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	24.65	24.62	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	24.45	24.47	24.56	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	25.19	25.13	25.44	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	24.66	24.67	24.65	25.50
		1	108	25.32	25.40	25.23	25.50
		1	214	24.57	24.47	24.58	25.50
	DFT-s-OFDM BPSK	108	0	24.45	24.60	24.59	25.50
		108	54	25.18	25.20	25.11	25.50
		108	108	24.58	24.55	24.46	25.50
	DFT-s-OFDM BPSK	216	0	24.33	24.25	24.36	24.50
	DFT-s-OFDM QPSK	1	1	24.68	24.62	24.60	25.50
		1	108	25.35	25.37	25.38	25.50
		1	214	24.73	24.78	24.76	25.50
	DFT-s-OFDM QPSK	108	0	24.55	24.67	24.54	25.50
		108	54	25.05	25.10	25.11	25.50
		108	108	24.73	24.53	24.35	25.50
	DFT-s-OFDM QPSK	216	0	24.39	24.35	24.16	24.50
	DFT-s-OFDM 16QAM	1	1	23.47	23.37	23.38	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.87	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.50	20.56	21.00
	CP-OFDM QPSK	1	1	23.01	23.16	22.97	24.00
	CP-OFDM 16QAM	1	1	23.11	22.95	23.00	23.50
	CP-OFDM 64QAM	1	1	21.05	21.22	21.13	22.00
	CP-OFDM 256QAM	1	1	18.22	18.06	17.94	19.00

N66-ANT1 DSI1&2(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	25.32	25.46	25.25	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	25.04	25.08	25.23	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	24.65	24.62	24.62	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	24.45	24.47	24.56	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	25.19	25.13	25.44	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	24.66	24.67	24.65	25.50
		1	108	25.32	25.40	25.23	25.50
		1	214	24.57	24.47	24.58	25.50
	DFT-s-OFDM BPSK	108	0	24.45	24.60	24.59	25.50
		108	54	25.18	25.20	25.11	25.50
		108	108	24.58	24.55	24.46	25.50
	DFT-s-OFDM BPSK	216	0	24.33	24.25	24.36	24.50
	DFT-s-OFDM QPSK	1	1	24.68	24.62	24.60	25.50
		1	108	25.35	25.37	25.38	25.50
		1	214	24.73	24.78	24.76	25.50
	DFT-s-OFDM QPSK	108	0	24.55	24.67	24.54	25.50
		108	54	25.05	25.10	25.11	25.50
		108	108	24.73	24.53	24.35	25.50
	DFT-s-OFDM QPSK	216	0	24.39	24.35	24.16	24.50
	DFT-s-OFDM 16QAM	1	1	23.47	23.37	23.38	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.87	22.01	23.00
	DFT-s-OFDM 256QAM	1	1	20.35	20.50	20.56	21.00
	CP-OFDM QPSK	1	1	23.01	23.16	22.97	24.00
	CP-OFDM 16QAM	1	1	23.11	22.95	23.00	23.50
	CP-OFDM 64QAM	1	1	21.05	21.22	21.13	22.00
	CP-OFDM 256QAM	1	1	18.22	18.06	17.94	19.00

N66-ANT1 DSI3&4(SA)

Bandwidth (MHz)	Modulation	Channel		342500	349000	353500	Tune-up power(dB
		RB Size	RB offest	1712.5	1745	1767.5	
5	DFT-s-OFDM QPSK	1	1	19.92	19.89	20.10	21.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	353000	Tune-up power(dB
		RB Size	RB offest	1715	1745	1765	
10	DFT-s-OFDM QPSK	1	1	20.04	20.24	19.79	21.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	352500	Tune-up power(dB
		RB Size	RB offest	1717.5	1745	1762.5	
15	DFT-s-OFDM QPSK	1	1	19.95	20.29	20.19	21.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	352000	Tune-up power(dB
		RB Size	RB offest	1720	1745	1760	
20	DFT-s-OFDM QPSK	1	1	20.19	19.93	19.86	21.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	351000	Tune-up power(dB
		RB Size	RB offest	1725	1745	1755	
30	DFT-s-OFDM QPSK	1	1	20.19	20.15	19.83	21.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	350000	Tune-up power(dB
		RB Size	RB offest	1730	1745	1750	
40	DFT-s-OFDM BPSK	1	1	19.97	20.16	20.05	21.00
		1	108	19.92	19.98	19.98	21.00
		1	214	19.86	20.15	19.95	21.00
	DFT-s-OFDM BPSK	108	0	20.05	20.09	19.99	21.00
		108	54	20.07	20.28	20.16	21.00
		108	108	20.06	20.18	20.18	21.00
	DFT-s-OFDM BPSK	216	0	20.36	20.10	19.97	21.00
	DFT-s-OFDM QPSK	1	1	20.50	20.52	20.54	21.00
		1	108	20.12	20.02	20.00	21.00
		1	214	20.09	19.91	19.98	21.00
	DFT-s-OFDM QPSK	108	0	20.02	20.11	20.05	21.00
		108	54	20.15	20.01	20.09	21.00
		108	108	19.81	19.79	19.91	21.00
	DFT-s-OFDM QPSK	216	0	20.32	20.05	19.99	21.00
	DFT-s-OFDM 16QAM	1	1	20.02	20.33	20.18	21.00
	DFT-s-OFDM 64QAM	1	1	19.86	19.97	19.86	21.00
	DFT-s-OFDM 256QAM	1	1	19.51	19.55	19.52	21.00
	CP-OFDM QPSK	1	1	19.95	19.87	19.59	21.00
	CP-OFDM 16QAM	1	1	19.97	19.72	19.98	21.00
	CP-OFDM 64QAM	1	1	19.99	20.06	19.91	21.00
	CP-OFDM 256QAM	1	1	18.11	18.05	18.03	19.00

8.8.4 NR Band78 Output Power

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.98	24.77	25.07	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.90	25.02	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.89	24.92	24.55	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	24.66	24.73	25.21	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.87	24.68	24.61	25.50
		1	53	24.73	24.44	24.83	25.50
		1	104	24.48	24.59	24.69	25.50
	DFT-s-OFDM BPSK	50	0	24.94	24.80	25.04	25.50
		50	28	24.94	24.86	24.99	25.50
		50	56	24.79	24.96	25.22	25.50
	DFT-s-OFDM BPSK	100	0	23.77	24.01	23.89	24.50
	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.54	25.50
		1	53	24.68	24.55	24.70	25.50
		1	104	24.46	24.74	24.64	25.50
	DFT-s-OFDM QPSK	50	0	24.85	24.85	25.12	25.50
		50	28	24.82	24.81	25.17	25.50
		50	56	24.98	24.83	25.40	25.50
	DFT-s-OFDM QPSK	100	0	23.65	23.94	23.97	24.50
	DFT-s-OFDM 16QAM	1	1	23.95	23.97	24.14	24.50
	DFT-s-OFDM 64QAM	1	1	21.90	22.02	21.86	23.00
	DFT-s-OFDM 256QAM	1	1	20.65	20.73	20.67	21.00
	CP-OFDM QPSK	1	1	23.22	23.25	23.36	24.00
	CP-OFDM 16QAM	1	1	22.79	22.88	22.99	23.50
	CP-OFDM 64QAM	1	1	21.82	21.67	21.65	22.00
	CP-OFDM 256QAM	1	1	18.34	18.51	18.67	19.00

N38-ANT1 DSI1&2(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.98	24.77	25.07	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.90	25.02	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.89	24.92	24.55	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	24.66	24.73	25.21	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.87	24.68	24.61	25.50
		1	53	24.73	24.44	24.83	25.50
		1	104	24.48	24.59	24.69	25.50
	DFT-s-OFDM BPSK	50	0	24.94	24.80	25.04	25.50
		50	28	24.94	24.86	24.99	25.50
		50	56	24.79	24.96	25.22	25.50
	DFT-s-OFDM BPSK	100	0	23.77	24.01	23.89	24.50
	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.54	25.50
		1	53	24.68	24.55	24.70	25.50
		1	104	24.46	24.74	24.64	25.50
	DFT-s-OFDM QPSK	50	0	24.85	24.85	25.12	25.50
		50	28	24.82	24.81	25.17	25.50
		50	56	24.98	24.83	25.40	25.50
	DFT-s-OFDM QPSK	100	0	23.65	23.94	23.97	24.50
	DFT-s-OFDM 16QAM	1	1	23.95	23.97	24.14	24.50
	DFT-s-OFDM 64QAM	1	1	21.90	22.02	21.86	23.00
	DFT-s-OFDM 256QAM	1	1	20.65	20.73	20.67	21.00
	CP-OFDM QPSK	1	1	23.22	23.25	23.36	24.00
	CP-OFDM 16QAM	1	1	22.79	22.88	22.99	23.50
	CP-OFDM 64QAM	1	1	21.82	21.67	21.65	22.00
	CP-OFDM 256QAM	1	1	18.34	18.51	18.67	19.00

N38-ANT1 DSI3&4(Only for SA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	18.26	18.65	18.69	19.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	18.43	18.51	18.57	19.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.24	18.64	18.43	19.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	18.22	18.50	18.14	19.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.36	18.46	18.37	19.00
		1	53	18.25	18.50	18.34	19.00
		1	104	18.44	18.29	18.32	19.00
	DFT-s-OFDM BPSK	50	0	18.40	18.42	18.60	19.00
		50	28	18.40	18.45	18.58	19.00
		50	56	18.38	18.39	18.30	19.00
	DFT-s-OFDM BPSK	100	0	18.45	18.53	18.55	19.00
	DFT-s-OFDM QPSK	1	1	18.29	18.54	18.39	19.00
		1	53	18.55	18.37	18.36	19.00
		1	104	18.22	18.41	18.27	19.00
	DFT-s-OFDM QPSK	50	0	18.40	18.54	18.22	19.00
		50	28	18.33	18.24	18.59	19.00
		50	56	18.54	18.33	18.29	19.00
	DFT-s-OFDM QPSK	100	0	18.23	18.40	18.24	19.00
	DFT-s-OFDM 16QAM	1	1	18.43	18.56	18.53	19.00
	DFT-s-OFDM 64QAM	1	1	18.60	18.28	18.58	19.00
	DFT-s-OFDM 256QAM	1	1	18.59	18.60	18.47	19.00
	CP-OFDM QPSK	1	1	18.34	18.32	18.59	19.00
	CP-OFDM 16QAM	1	1	18.50	18.31	18.37	19.00
	CP-OFDM 64QAM	1	1	18.35	18.30	18.59	19.00
	CP-OFDM 256QAM	1	1	18.32	18.54	18.40	19.00

N38-ANT1 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	23.67	23.86	23.81	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.50	23.85	23.81	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.04	23.79	23.73	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.71	23.71	23.76	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.98	23.90	23.89	25.50
		1	53	23.76	23.62	23.68	25.50
		1	104	23.69	23.58	23.57	25.50
	DFT-s-OFDM BPSK	50	0	23.52	23.72	23.83	25.50
		50	28	23.61	23.71	23.74	25.50
		50	56	23.52	23.56	23.75	25.50
	DFT-s-OFDM BPSK	100	0	23.25	23.05	23.03	24.50
	DFT-s-OFDM QPSK	1	1	23.88	23.65	23.84	25.50
		1	53	23.59	23.79	23.87	25.50
		1	104	23.83	23.55	23.55	25.50
	DFT-s-OFDM QPSK	50	0	23.52	23.77	23.86	25.50
		50	28	23.57	23.58	23.67	25.50
		50	56	23.65	23.58	23.64	25.50
	DFT-s-OFDM QPSK	100	0	23.15	23.06	22.88	24.50
	DFT-s-OFDM 16QAM	1	1	23.01	23.10	23.25	24.50
	DFT-s-OFDM 64QAM	1	1	22.16	22.32	22.16	23.00
	DFT-s-OFDM 256QAM	1	1	20.91	20.85	20.80	21.00
	CP-OFDM QPSK	1	1	23.29	23.27	23.32	24.00
	CP-OFDM 16QAM	1	1	23.44	23.27	23.46	23.50
	CP-OFDM 64QAM	1	1	21.78	21.62	21.71	22.00
	CP-OFDM 256QAM	1	1	18.30	18.42	18.57	19.00

N38-ANT1 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	14.60	14.76	14.62	15.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	14.75	14.67	14.91	15.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	14.73	15.00	15.00	15.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	14.93	14.63	14.72	15.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	14.87	14.90	14.82	15.50
		1	53	14.74	14.93	14.82	15.50
		1	104	14.75	14.63	14.81	15.50
	DFT-s-OFDM BPSK	50	0	14.78	14.73	14.71	15.50
		50	28	14.88	14.97	14.62	15.50
		50	56	14.82	14.86	15.00	15.50
	DFT-s-OFDM BPSK	100	0	14.95	14.83	14.77	15.50
	DFT-s-OFDM QPSK	1	1	14.67	14.70	14.82	15.50
		1	53	14.89	14.88	14.86	15.50
		1	104	14.79	14.69	14.80	15.50
	DFT-s-OFDM QPSK	50	0	14.60	14.67	15.00	15.50
		50	28	14.66	14.85	14.77	15.50
		50	56	14.85	14.71	14.91	15.50
	DFT-s-OFDM QPSK	100	0	14.86	14.73	14.69	15.50
	DFT-s-OFDM 16QAM	1	1	14.84	14.98	14.64	15.50
	DFT-s-OFDM 64QAM	1	1	14.67	14.98	14.69	15.50
	DFT-s-OFDM 256QAM	1	1	14.70	14.72	14.76	15.50
	CP-OFDM QPSK	1	1	14.87	14.89	14.98	15.50
	CP-OFDM 16QAM	1	1	14.77	14.93	14.78	15.50
	CP-OFDM 64QAM	1	1	14.86	14.96	14.91	15.50
	CP-OFDM 256QAM	1	1	14.79	14.76	14.61	15.50

N38-ANT1 DSI2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	23.67	23.86	23.81	25.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	23.50	23.85	23.81	25.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.04	23.79	23.73	25.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	23.71	23.71	23.76	25.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	23.98	23.90	23.89	25.50
		1	53	23.76	23.62	23.68	25.50
		1	104	23.69	23.58	23.57	25.50
	DFT-s-OFDM BPSK	50	0	23.52	23.72	23.83	25.50
		50	28	23.61	23.71	23.74	25.50
		50	56	23.52	23.56	23.75	25.50
	DFT-s-OFDM BPSK	100	0	23.25	23.05	23.03	24.50
	DFT-s-OFDM QPSK	1	1	23.88	23.65	23.84	25.50
		1	53	23.59	23.79	23.87	25.50
		1	104	23.83	23.55	23.55	25.50
	DFT-s-OFDM QPSK	50	0	23.52	23.77	23.86	25.50
		50	28	23.57	23.58	23.67	25.50
		50	56	23.65	23.58	23.64	25.50
	DFT-s-OFDM QPSK	100	0	23.15	23.06	22.88	24.50
	DFT-s-OFDM 16QAM	1	1	23.01	23.10	23.25	24.50
	DFT-s-OFDM 64QAM	1	1	22.16	22.32	22.16	23.00
	DFT-s-OFDM 256QAM	1	1	20.91	20.85	20.80	21.00
	CP-OFDM QPSK	1	1	23.29	23.27	23.32	24.00
	CP-OFDM 16QAM	1	1	23.44	23.27	23.46	23.50
	CP-OFDM 64QAM	1	1	21.78	21.62	21.71	22.00
	CP-OFDM 256QAM	1	1	18.30	18.42	18.57	19.00

N38-ANT1 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB
		RB Size	RB offest	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.73	19.96	19.77	20.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB
		RB Size	RB offest	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.78	19.81	19.87	20.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB
		RB Size	RB offest	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.60	19.85	19.87	20.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB
		RB Size	RB offest	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.94	19.79	19.73	20.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB
		RB Size	RB offest	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.82	19.68	19.87	20.50
		1	53	19.96	19.66	19.63	20.50
		1	104	19.69	19.96	19.98	20.50
	DFT-s-OFDM BPSK	50	0	19.84	19.97	19.75	20.50
		50	28	19.82	19.96	19.66	20.50
		50	56	19.61	19.86	19.93	20.50
	DFT-s-OFDM BPSK	100	0	19.63	19.71	19.71	20.50
	DFT-s-OFDM QPSK	1	1	19.99	19.95	19.64	20.50
		1	53	19.98	19.63	19.94	20.50
		1	104	19.95	19.79	19.91	20.50
	DFT-s-OFDM QPSK	50	0	19.67	19.67	19.62	20.50
		50	28	19.94	19.70	19.78	20.50
		50	56	19.97	19.60	19.98	20.50
	DFT-s-OFDM QPSK	100	0	19.70	19.84	19.60	20.50
	DFT-s-OFDM 16QAM	1	1	19.60	19.73	19.88	20.50
	DFT-s-OFDM 64QAM	1	1	19.91	19.65	19.64	20.50
	DFT-s-OFDM 256QAM	1	1	19.63	19.86	19.92	20.50
	CP-OFDM QPSK	1	1	19.90	19.80	19.63	20.50
	CP-OFDM 16QAM	1	1	19.67	19.74	19.87	20.50
	CP-OFDM 64QAM	1	1	19.73	19.64	19.81	20.50
	CP-OFDM 256QAM	1	1	18.44	18.47	18.42	19.00

8.8.5 NR Band78 Output Power

N41-ANT1 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	24.02	23.75	23.83	23.56	24.07	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.91	24.10	24.01	24.10	24.13	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.91	24.06	24.20	24.28	24.17	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.96	24.20	23.94	24.05	23.92	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.17	24.05	23.97	24.01	23.79	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.86	24.18	24.17	24.18	23.92	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.01	24.12	24.12	24.17	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.88	24.06	23.85	23.95	23.85	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.94	23.91	23.82	23.96	23.98	25.50
		1	137	23.62	23.65	23.55	23.68	23.54	25.50
		1	271	24.82	24.97	24.69	24.91	24.70	25.50
	DFT-s-OFDM BPSK	135	0	23.96	24.06	23.81	23.91	23.97	25.50
		135	69	23.80	23.57	23.63	23.76	23.78	25.50
		135	138	24.82	24.87	24.94	24.85	24.75	25.50
	DFT-s-OFDM BPSK	270	0	23.13	23.08	23.23	23.28	23.10	24.50
	DFT-s-OFDM QPSK	1	1	24.05	24.10	24.02	24.12	23.98	25.50
		1	137	23.78	23.74	23.57	23.66	23.72	25.50
		1	271	24.98	25.16	24.62	24.94	24.70	25.50
	DFT-s-OFDM QPSK	135	0	24.15	23.88	23.66	23.76	23.87	25.50
		135	69	23.81	23.85	23.81	23.63	23.66	25.50
		135	138	24.97	24.80	24.77	25.03	24.70	25.50
	DFT-s-OFDM QPSK	270	0	23.03	22.90	23.28	23.46	22.99	24.50
	DFT-s-OFDM 16QAM	1	1	22.94	23.14	23.02	23.02	23.17	24.50
	DFT-s-OFDM 64QAM	1	1	21.74	21.84	21.86	21.81	21.73	23.00
	DFT-s-OFDM 256QAM	1	1	20.16	20.08	20.04	20.08	20.00	21.00
	CP-OFDM QPSK	1	1	22.75	22.83	22.78	22.82	22.58	24.00
	CP-OFDM 16QAM	1	1	22.66	22.75	22.60	22.64	22.61	23.50
	CP-OFDM 64QAM	1	1	20.87	20.60	20.75	20.92	20.83	22.00
	CP-OFDM 256QAM	1	1	17.86	17.64	17.81	17.83	17.69	19.00

N41-ANT1 DSI1&2(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	24.02	23.75	23.83	23.56	24.07	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.91	24.10	24.01	24.10	24.13	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.91	24.06	24.20	24.28	24.17	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.96	24.20	23.94	24.05	23.92	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.17	24.05	23.97	24.01	23.79	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.86	24.18	24.17	24.18	23.92	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.01	24.12	24.12	24.17	23.86	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.88	24.06	23.85	23.95	23.85	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.94	23.91	23.82	23.96	23.98	25.50
		1	137	23.62	23.65	23.55	23.68	23.54	25.50
		1	271	24.82	24.97	24.69	24.91	24.70	25.50
	DFT-s-OFDM BPSK	135	0	23.96	24.06	23.81	23.91	23.97	25.50
		135	69	23.80	23.57	23.63	23.76	23.78	25.50
		135	138	24.82	24.87	24.94	24.85	24.75	25.50
	DFT-s-OFDM BPSK	270	0	23.13	23.08	23.23	23.28	23.10	24.50
	DFT-s-OFDM QPSK	1	1	24.05	24.10	24.02	24.12	23.98	25.50
		1	137	23.78	23.74	23.57	23.66	23.72	25.50
		1	271	24.98	25.16	24.62	24.94	24.70	25.50
	DFT-s-OFDM QPSK	135	0	24.15	23.88	23.66	23.76	23.87	25.50
		135	69	23.81	23.85	23.81	23.63	23.66	25.50
		135	138	24.97	24.80	24.77	25.03	24.70	25.50
	DFT-s-OFDM QPSK	270	0	23.03	22.90	23.28	23.46	22.99	24.50
	DFT-s-OFDM 16QAM	1	1	22.94	23.14	23.02	23.02	23.17	24.50
	DFT-s-OFDM 64QAM	1	1	21.74	21.84	21.86	21.81	21.73	23.00
	DFT-s-OFDM 256QAM	1	1	20.16	20.08	20.04	20.08	20.00	21.00
	CP-OFDM QPSK	1	1	22.75	22.83	22.78	22.82	22.58	24.00
	CP-OFDM 16QAM	1	1	22.66	22.75	22.60	22.64	22.61	23.50
	CP-OFDM 64QAM	1	1	20.87	20.60	20.75	20.92	20.83	22.00
	CP-OFDM 256QAM	1	1	17.86	17.64	17.81	17.83	17.69	19.00

N41-ANT1 DSI3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.33	18.01	17.79	17.67	18.08	19.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	17.80	17.59	18.20	18.00	17.60	19.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.05	17.53	17.90	17.94	17.76	19.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	17.95	17.58	18.08	18.07	17.60	19.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	17.75	17.88	18.11	17.91	17.68	19.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	17.92	17.51	18.06	18.10	17.50	19.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.07	17.55	18.10	18.27	17.48	19.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	17.86	17.51	17.84	18.00	17.47	19.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.80	17.87	17.85	18.00	17.68	19.00
		1	137	18.15	17.88	17.95	18.00	17.88	19.00
		1	271	17.80	17.78	17.88	17.93	17.91	19.00
	DFT-s-OFDM BPSK	135	0	18.17	18.07	18.00	17.84	18.20	19.00
		135	69	17.88	17.98	17.80	17.70	17.91	19.00
		135	138	17.61	17.66	17.72	17.86	17.80	19.00
	DFT-s-OFDM BPSK	270	0	18.24	17.93	18.08	18.17	18.26	19.00
	DFT-s-OFDM QPSK	1	1	17.92	17.70	18.04	18.11	17.65	19.00
		1	137	18.35	17.88	17.88	18.16	18.05	19.00
		1	271	17.62	17.67	17.72	17.95	18.06	19.00
	DFT-s-OFDM QPSK	135	0	18.24	18.09	17.80	17.83	18.20	19.00
		135	69	17.77	17.89	17.72	17.86	17.95	19.00
		135	138	17.62	17.68	17.58	18.03	17.94	19.00
	DFT-s-OFDM QPSK	270	0	18.05	17.78	17.76	18.14	18.44	19.00
	DFT-s-OFDM 16QAM	1	1	17.88	17.78	17.78	17.99	17.79	19.00
	DFT-s-OFDM 64QAM	1	1	17.96	17.96	17.84	17.78	18.03	19.00
	DFT-s-OFDM 256QAM	1	1	17.89	18.16	18.09	17.97	17.97	19.00
	CP-OFDM QPSK	1	1	17.65	17.73	17.74	17.66	17.66	19.00
	CP-OFDM 16QAM	1	1	17.73	17.58	17.61	17.77	17.52	19.00
	CP-OFDM 64QAM	1	1	17.79	17.72	17.88	17.96	17.96	19.00
	CP-OFDM 256QAM	1	1	17.80	17.82	17.96	17.86	18.14	19.00

N41-ANT4 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.59	23.65	23.75	23.90	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.57	24.07	23.77	23.99	23.55	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.80	24.04	23.82	23.76	23.79	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.64	23.69	23.51	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.70	23.82	23.71	23.96	23.65	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.83	23.93	23.53	23.68	23.62	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.84	23.97	23.71	23.62	23.77	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.68	24.03	23.55	23.66	23.65	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.70	23.81	23.62	23.78	23.60	25.50
		1	137	23.56	23.62	23.57	23.99	23.73	25.50
		1	271	23.52	23.97	23.63	23.83	23.57	25.50
	DFT-s-OFDM BPSK	135	0	23.91	23.83	23.51	23.86	23.97	25.50
		135	69	23.50	23.66	23.57	23.89	23.99	25.50
		135	138	23.59	23.87	23.56	23.57	23.52	25.50
	DFT-s-OFDM BPSK	270	0	22.88	22.89	22.98	22.90	23.00	24.50
	DFT-s-OFDM QPSK	1	1	23.76	23.95	23.57	23.81	23.61	25.50
		1	137	23.55	23.64	23.66	24.15	23.90	25.50
		1	271	23.60	23.95	23.67	23.70	23.68	25.50
	DFT-s-OFDM QPSK	135	0	23.75	23.64	23.59	23.98	24.13	25.50
		135	69	23.67	23.76	23.73	23.91	24.04	25.50
		135	138	23.67	23.73	23.52	23.68	23.67	25.50
	DFT-s-OFDM QPSK	270	0	22.81	22.73	22.89	22.94	22.90	24.50
	DFT-s-OFDM 16QAM	1	1	23.52	23.48	23.55	23.58	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.88	22.97	22.88	22.76	22.98	23.00
	DFT-s-OFDM 256QAM	1	1	20.77	20.96	20.88	20.69	20.83	21.00
	CP-OFDM QPSK	1	1	23.25	23.20	23.18	23.23	23.37	24.00
	CP-OFDM 16QAM	1	1	22.68	22.87	22.82	22.78	22.75	23.50
	CP-OFDM 64QAM	1	1	21.30	21.27	21.16	21.18	21.01	22.00
	CP-OFDM 256QAM	1	1	17.75	17.95	17.91	17.96	18.09	19.00

N41-ANT4 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	14.74	14.92	14.84	14.63	14.89	15.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	14.70	15.00	14.90	14.74	14.84	15.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	14.95	14.63	14.80	14.68	14.84	15.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	14.74	15.00	14.91	14.94	14.77	15.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	14.97	14.95	14.88	14.63	14.93	15.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	14.63	14.73	14.94	14.85	14.91	15.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	14.63	14.77	14.77	14.60	14.63	15.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	14.98	14.74	14.67	14.65	14.92	15.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	14.77	14.83	14.91	14.97	14.91	15.50
		1	137	14.91	14.72	14.94	14.75	14.61	15.50
		1	271	14.60	14.72	14.92	14.62	14.79	15.50
	DFT-s-OFDM BPSK	135	0	14.68	14.84	14.75	14.68	14.64	15.50
		135	69	14.67	14.70	14.94	14.97	14.78	15.50
		135	138	14.92	14.73	14.99	14.79	14.76	15.50
	DFT-s-OFDM BPSK	270	0	14.83	14.78	14.76	14.61	14.78	15.50
	DFT-s-OFDM QPSK	1	1	14.75	14.99	14.84	14.92	14.65	15.50
		1	137	14.74	14.61	14.68	14.62	14.86	15.50
		1	271	14.92	14.70	14.85	14.62	14.66	15.50
	DFT-s-OFDM QPSK	135	0	14.70	14.75	14.67	14.73	14.77	15.50
		135	69	14.67	14.84	14.75	14.95	14.74	15.50
		135	138	14.79	14.95	14.60	14.98	14.71	15.50
	DFT-s-OFDM QPSK	270	0	14.78	14.99	14.87	14.70	14.81	15.50
	DFT-s-OFDM 16QAM	1	1	14.62	14.73	14.80	14.74	14.98	15.50
	DFT-s-OFDM 64QAM	1	1	14.95	14.74	14.89	14.77	14.98	15.50
	DFT-s-OFDM 256QAM	1	1	14.82	14.83	14.89	14.98	14.92	15.50
	CP-OFDM QPSK	1	1	14.77	14.76	14.74	14.78	14.61	15.50
	CP-OFDM 16QAM	1	1	14.66	14.61	14.97	14.93	14.64	15.50
	CP-OFDM 64QAM	1	1	14.96	14.60	14.68	14.67	14.85	15.50
	CP-OFDM 256QAM	1	1	14.67	14.96	14.92	14.71	14.75	15.50

N41-ANT4 DSI2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.59	23.65	23.75	23.90	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.57	24.07	23.77	23.99	23.55	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.80	24.04	23.82	23.76	23.79	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.64	23.69	23.51	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.70	23.82	23.71	23.96	23.65	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.83	23.93	23.53	23.68	23.62	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.84	23.97	23.71	23.62	23.77	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.68	24.03	23.55	23.66	23.65	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.70	23.81	23.62	23.78	23.60	25.50
		1	137	23.56	23.62	23.57	23.99	23.73	25.50
		1	271	23.52	23.97	23.63	23.83	23.57	25.50
	DFT-s-OFDM BPSK	135	0	23.91	23.83	23.51	23.86	23.97	25.50
		135	69	23.50	23.66	23.57	23.89	23.99	25.50
		135	138	23.59	23.87	23.56	23.57	23.52	25.50
	DFT-s-OFDM BPSK	270	0	22.88	22.89	22.98	22.90	23.00	24.50
	DFT-s-OFDM QPSK	1	1	23.76	23.95	23.57	23.81	23.61	25.50
		1	137	23.55	23.64	23.66	24.15	23.90	25.50
		1	271	23.60	23.95	23.67	23.70	23.68	25.50
	DFT-s-OFDM QPSK	135	0	23.75	23.64	23.59	23.98	24.13	25.50
		135	69	23.67	23.76	23.73	23.91	24.04	25.50
		135	138	23.67	23.73	23.52	23.68	23.67	25.50
	DFT-s-OFDM QPSK	270	0	22.81	22.73	22.89	22.94	22.90	24.50
	DFT-s-OFDM 16QAM	1	1	23.52	23.48	23.55	23.58	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.88	22.97	22.88	22.76	22.98	23.00
	DFT-s-OFDM 256QAM	1	1	20.77	20.96	20.88	20.69	20.83	21.00
	CP-OFDM QPSK	1	1	23.25	23.20	23.18	23.23	23.37	24.00
	CP-OFDM 16QAM	1	1	22.68	22.87	22.82	22.78	22.75	23.50
	CP-OFDM 64QAM	1	1	21.30	21.27	21.16	21.18	21.01	22.00
	CP-OFDM 256QAM	1	1	17.75	17.95	17.91	17.96	18.09	19.00

N41-ANT4 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB
		RB Size	RB offest	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.67	18.38	18.33	18.52	18.71	19.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB
		RB Size	RB offest	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.52	18.39	18.42	18.61	18.75	19.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB
		RB Size	RB offest	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.49	18.35	18.39	18.76	18.74	19.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB
		RB Size	RB offest	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.46	18.38	18.25	18.57	18.46	19.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB
		RB Size	RB offest	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.44	18.33	18.20	18.76	18.63	19.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB
		RB Size	RB offest	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.61	18.57	18.23	18.60	18.47	19.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB
		RB Size	RB offest	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.65	18.56	18.33	18.70	18.68	19.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB
		RB Size	RB offest	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.61	18.34	18.47	18.65	18.66	19.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		RB Size	RB offest	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.40	18.38	18.20	18.51	18.61	19.00
		1	137	18.34	18.43	18.41	18.65	18.77	19.00
		1	271	18.26	18.57	18.43	18.28	18.71	19.00
	DFT-s-OFDM BPSK	135	0	18.28	18.67	18.42	18.57	18.56	19.00
		135	69	18.45	18.37	18.46	18.26	18.49	19.00
		135	138	18.29	18.42	18.17	18.83	18.36	19.00
	DFT-s-OFDM BPSK	270	0	18.72	18.48	18.45	18.43	18.62	19.00
	DFT-s-OFDM QPSK	1	1	18.23	18.77	18.57	18.50	18.47	19.00
		1	137	18.46	18.58	18.37	18.45	18.67	19.00
		1	271	18.70	18.82	18.51	18.49	18.60	19.00
	DFT-s-OFDM QPSK	135	0	18.75	18.27	18.28	18.51	18.55	19.00
		135	69	18.65	18.46	18.31	18.38	18.61	19.00
		135	138	18.43	18.51	18.25	18.51	18.83	19.00
	DFT-s-OFDM QPSK	270	0	18.59	18.61	18.29	18.42	18.48	19.00
	DFT-s-OFDM 16QAM	1	1	18.31	18.40	18.53	18.52	18.17	19.00
	DFT-s-OFDM 64QAM	1	1	18.48	18.52	18.56	18.73	18.75	19.00
	DFT-s-OFDM 256QAM	1	1	18.60	18.59	18.39	18.54	18.64	19.00
	CP-OFDM QPSK	1	1	18.24	18.18	18.26	18.68	18.50	19.00
	CP-OFDM 16QAM	1	1	18.49	18.73	18.50	18.46	18.63	19.00
	CP-OFDM 64QAM	1	1	18.41	18.55	18.39	18.46	18.45	19.00
	CP-OFDM 256QAM	1	1	17.46	17.80	17.65	17.67	17.77	19.00

8.8.6 NR Band78 Output Power

N78-ANT2 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.62	25.53	26.05	27.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	26.08	25.85	25.95	27.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.69	25.91	26.05	27.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.67	25.90	25.52	27.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.73	26.05	25.80	27.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.89	25.69	25.82	27.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.95	25.90	26.04	27.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.62	25.62	25.65	27.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	26.01	26.02	25.77	27.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.89	25.86	25.81	27.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.72	/	27.50
		1	137	/	25.82	/	27.50
		1	271	/	25.76	/	27.50
	DFT-s-OFDM BPSK	135	0	/	25.93	/	27.50
		135	69	/	25.69	/	27.50
		135	138	/	25.88	/	27.50
	DFT-s-OFDM BPSK	270	0	/	25.00	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.74	/	27.50
		1	137	/	25.72	/	27.50
		1	271	/	25.94	/	27.50
	DFT-s-OFDM QPSK	135	0	/	25.93	/	27.50
		135	69	/	25.84	/	27.50
		135	138	/	25.81	/	27.50
	DFT-s-OFDM QPSK	270	0	/	24.91	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.98	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	23.15	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	21.92	/	23.00
	CP-OFDM QPSK	1	1	/	24.46	/	26.00
	CP-OFDM 16QAM	1	1	/	23.74	/	25.50
	CP-OFDM 64QAM	1	1	/	23.10	/	24.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT2 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	18.87	18.98	18.63	19.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	18.67	18.99	18.91	19.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.67	18.73	18.65	19.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	18.63	18.97	18.64	19.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.98	18.96	18.75	19.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	18.77	18.60	18.77	19.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	18.75	18.86	18.96	19.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	18.87	18.66	19.00	19.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	18.65	18.77	18.66	19.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.79	18.92	18.64	19.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	18.94	/	19.50
		1	137	/	18.61	/	19.50
		1	271	/	18.72	/	19.50
	DFT-s-OFDM BPSK	135	0	/	18.65	/	19.50
		135	69	/	18.98	/	19.50
		135	138	/	18.89	/	19.50
	DFT-s-OFDM BPSK	270	0	/	18.73	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.89	/	19.50
		1	137	/	18.76	/	19.50
		1	271	/	18.64	/	19.50
	DFT-s-OFDM QPSK	135	0	/	18.81	/	19.50
		135	69	/	18.80	/	19.50
		135	138	/	18.85	/	19.50
	DFT-s-OFDM QPSK	270	0	/	18.66	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.88	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.90	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.83	/	19.50
	CP-OFDM QPSK	1	1	/	18.92	/	19.50
	CP-OFDM 16QAM	1	1	/	18.72	/	19.50
	CP-OFDM 64QAM	1	1	/	18.76	/	19.50
	CP-OFDM 256QAM	1	1	/	18.90	/	19.50

N78-ANT2 DSI2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	21.77	21.72	21.98	22.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	21.89	21.79	21.65	22.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	21.97	21.80	21.80	22.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	21.90	21.75	21.60	22.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	21.68	21.87	21.96	22.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	21.65	21.91	21.87	22.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	21.94	22.00	21.69	22.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	21.89	21.99	21.99	22.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	21.98	21.66	21.89	22.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	21.97	21.69	21.69	22.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	21.61	/	22.50
		1	137	/	21.74	/	22.50
		1	271	/	21.67	/	22.50
	DFT-s-OFDM BPSK	135	0	/	21.70	/	22.50
		135	69	/	21.62	/	22.50
		135	138	/	21.60	/	22.50
	DFT-s-OFDM BPSK	270	0	/	21.75	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.89	/	22.50
		1	137	/	21.61	/	22.50
		1	271	/	21.71	/	22.50
	DFT-s-OFDM QPSK	135	0	/	21.61	/	22.50
		135	69	/	21.62	/	22.50
		135	138	/	21.71	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.82	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.71	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.61	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.91	/	22.50
	CP-OFDM QPSK	1	1	/	21.63	/	22.50
	CP-OFDM 16QAM	1	1	/	21.96	/	22.50
	CP-OFDM 64QAM	1	1	/	21.71	/	22.50
	CP-OFDM 256QAM	1	1	/	19.21	/	21.00

N78-ANT2 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.40	20.18	20.23	21.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.41	20.47	20.24	21.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.44	20.10	20.45	21.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	20.37	20.29	20.21	21.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.25	20.42	20.29	21.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.48	20.42	20.10	21.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.25	20.17	20.21	21.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	20.44	20.32	20.30	21.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.26	20.12	20.12	21.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.16	20.47	20.40	21.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.31	/	21.00
		1	137	/	20.29	/	21.00
		1	271	/	20.21	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.14	/	21.00
		135	69	/	20.46	/	21.00
		135	138	/	20.41	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.46	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.47	/	21.00
		1	137	/	20.45	/	21.00
		1	271	/	20.34	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.19	/	21.00
		135	69	/	20.49	/	21.00
		135	138	/	20.16	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.35	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.50	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.35	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.22	/	21.00
	CP-OFDM QPSK	1	1	/	20.13	/	21.00
	CP-OFDM 16QAM	1	1	/	20.26	/	21.00
	CP-OFDM 64QAM	1	1	/	20.25	/	21.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT3 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.46	25.23	25.55	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.13	25.43	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.35	25.49	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.29	25.60	25.25	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.12	25.34	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.13	25.24	25.48	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.39	25.67	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.48	25.36	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.17	25.23	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.39	25.47	25.24	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.44	/	27.00
		1	137	/	25.60	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.28	/	27.00
		135	69	/	25.27	/	27.00
		135	138	/	25.33	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.26	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.45	/	27.00
		1	137	/	25.28	/	27.00
		1	271	/	25.59	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.26	/	27.00
		135	69	/	25.39	/	27.00
		135	138	/	25.28	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.36	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.31	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.72	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.06	/	22.50
	CP-OFDM QPSK	1	1	/	23.72	/	25.50
	CP-OFDM 16QAM	1	1	/	23.47	/	25.00
	CP-OFDM 64QAM	1	1	/	21.89	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT3 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	18.43	18.60	18.41	19.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	18.34	18.53	18.35	19.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.51	18.62	18.57	19.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	18.64	18.54	18.56	19.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	18.69	18.58	18.44	19.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	18.39	18.49	18.50	19.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	18.54	18.60	18.56	19.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	18.37	18.44	18.61	19.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	18.57	18.55	18.37	19.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.46	18.64	18.58	19.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	18.60	/	19.00
		1	137	/	18.55	/	19.00
		1	271	/	18.57	/	19.00
	DFT-s-OFDM BPSK	135	0	/	18.65	/	19.00
		135	69	/	18.30	/	19.00
		135	138	/	18.67	/	19.00
	DFT-s-OFDM BPSK	270	0	/	18.63	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.35	/	19.00
		1	137	/	18.35	/	19.00
		1	271	/	18.41	/	19.00
	DFT-s-OFDM QPSK	135	0	/	18.41	/	19.00
		135	69	/	18.43	/	19.00
		135	138	/	18.46	/	19.00
	DFT-s-OFDM QPSK	270	0	/	18.50	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.46	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	18.33	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	18.50	/	19.00
	CP-OFDM QPSK	1	1	/	18.55	/	19.00
	CP-OFDM 16QAM	1	1	/	18.38	/	19.00
	CP-OFDM 64QAM	1	1	/	18.52	/	19.00
	CP-OFDM 256QAM	1	1	/	18.48	/	19.00

N78-ANT3 2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.46	25.23	25.55	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.13	25.43	25.35	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.35	25.49	25.54	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.29	25.60	25.25	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.12	25.34	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.13	25.24	25.48	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.39	25.67	25.47	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.48	25.36	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.17	25.23	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.39	25.47	25.24	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.44	/	27.00
		1	137	/	25.60	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.28	/	27.00
		135	69	/	25.27	/	27.00
		135	138	/	25.33	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.26	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.45	/	27.00
		1	137	/	25.28	/	27.00
		1	271	/	25.59	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.26	/	27.00
		135	69	/	25.39	/	27.00
		135	138	/	25.28	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.36	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.31	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.72	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.06	/	22.50
	CP-OFDM QPSK	1	1	/	23.72	/	25.50
	CP-OFDM 16QAM	1	1	/	23.47	/	25.00
	CP-OFDM 64QAM	1	1	/	21.89	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT3 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	17.92	17.80	17.82	18.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	18.14	18.16	18.05	18.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	18.20	17.82	18.10	18.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	17.98	17.93	18.12	18.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	17.98	17.81	18.04	18.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	18.19	17.81	18.15	18.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	17.99	18.06	17.97	18.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	18.11	18.07	18.13	18.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	17.81	17.98	17.86	18.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	18.07	18.07	17.81	18.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	18.14	/	18.50
		1	137	/	17.87	/	18.50
		1	271	/	18.11	/	18.50
	DFT-s-OFDM BPSK	135	0	/	17.87	/	18.50
		135	69	/	17.91	/	18.50
		135	138	/	17.88	/	18.50
	DFT-s-OFDM BPSK	270	0	/	17.93	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.85	/	18.50
		1	137	/	18.15	/	18.50
		1	271	/	17.91	/	18.50
	DFT-s-OFDM QPSK	135	0	/	18.06	/	18.50
		135	69	/	18.09	/	18.50
		135	138	/	18.00	/	18.50
	DFT-s-OFDM QPSK	270	0	/	18.05	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.01	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.82	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.86	/	18.50
	CP-OFDM QPSK	1	1	/	18.10	/	18.50
	CP-OFDM 16QAM	1	1	/	18.19	/	18.50
	CP-OFDM 64QAM	1	1	/	18.00	/	18.50
	CP-OFDM 256QAM	1	1	/	17.94	/	18.50

N78-ANT5 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.24	25.32	25.18	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.10	25.03	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.39	25.06	25.36	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.22	25.27	25.30	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.05	25.37	25.10	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.01	25.29	25.02	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.25	25.17	25.36	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.05	25.29	25.10	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.12	25.38	25.19	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.13	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.30	/	27.00
		1	137	/	25.21	/	27.00
		1	271	/	25.12	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.08	/	27.00
		135	69	/	25.26	/	27.00
		135	138	/	25.17	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.03	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.17	/	27.00
		1	137	/	25.30	/	27.00
		1	271	/	25.03	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.10	/	27.00
		135	69	/	25.24	/	27.00
		135	138	/	25.23	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.02	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.20	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.05	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	22.11	/	22.50
	CP-OFDM QPSK	1	1	/	23.57	/	25.50
	CP-OFDM 16QAM	1	1	/	23.56	/	25.00
	CP-OFDM 64QAM	1	1	/	22.78	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT5 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	17.61	17.41	17.35	18.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	17.57	17.53	17.37	18.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	17.40	17.35	17.32	18.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	17.65	17.55	17.65	18.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	17.30	17.57	17.68	18.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	17.63	17.40	17.55	18.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	17.45	17.56	17.47	18.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	17.61	17.34	17.65	18.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	17.68	17.42	17.48	18.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	17.54	17.66	17.52	18.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	17.40	/	18.00
		1	137	/	17.59	/	18.00
		1	271	/	17.49	/	18.00
	DFT-s-OFDM BPSK	135	0	/	17.69	/	18.00
		135	69	/	17.62	/	18.00
		135	138	/	17.50	/	18.00
	DFT-s-OFDM BPSK	270	0	/	17.56	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.50	/	18.00
		1	137	/	17.70	/	18.00
		1	271	/	17.40	/	18.00
	DFT-s-OFDM QPSK	135	0	/	17.35	/	18.00
		135	69	/	17.55	/	18.00
		135	138	/	17.42	/	18.00
	DFT-s-OFDM QPSK	270	0	/	17.51	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.55	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.60	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.57	/	18.00
	CP-OFDM QPSK	1	1	/	17.32	/	18.00
	CP-OFDM 16QAM	1	1	/	17.43	/	18.00
	CP-OFDM 64QAM	1	1	/	17.49	/	18.00
	CP-OFDM 256QAM	1	1	/	17.48	/	18.00

N78-ANT5 DSI2&3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	19.63	19.46	19.30	20.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	19.52	19.53	19.62	20.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	19.42	19.62	19.51	20.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	19.41	19.60	19.36	20.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	19.64	19.63	19.42	20.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	19.30	19.55	19.36	20.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	19.37	19.38	19.59	20.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	19.30	19.45	19.58	20.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	19.65	19.38	19.59	20.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	19.39	19.62	19.66	20.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	19.45	/	20.00
		1	137	/	19.59	/	20.00
		1	271	/	19.55	/	20.00
	DFT-s-OFDM BPSK	135	0	/	19.42	/	20.00
		135	69	/	19.34	/	20.00
		135	138	/	19.64	/	20.00
	DFT-s-OFDM BPSK	270	0	/	19.67	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.69	/	20.00
		1	137	/	19.47	/	20.00
		1	271	/	19.55	/	20.00
	DFT-s-OFDM QPSK	135	0	/	19.54	/	20.00
		135	69	/	19.68	/	20.00
		135	138	/	19.49	/	20.00
	DFT-s-OFDM QPSK	270	0	/	19.63	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.58	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	19.52	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	19.51	/	20.00
	CP-OFDM QPSK	1	1	/	19.40	/	20.00
	CP-OFDM 16QAM	1	1	/	19.67	/	20.00
	CP-OFDM 64QAM	1	1	/	19.34	/	20.00
	CP-OFDM 256QAM	1	1	/	19.41	/	20.00

N78-ANT6 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	25.39	25.60	25.45	27.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	25.67	25.59	25.59	27.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	25.44	25.31	25.60	27.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	25.30	25.34	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	25.43	25.62	25.77	27.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	25.67	25.64	25.58	27.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	25.35	25.16	25.51	27.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	25.77	25.41	25.41	27.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	25.67	25.52	25.64	27.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	25.67	25.43	25.56	27.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	25.22	/	27.00
		1	137	/	25.54	/	27.00
		1	271	/	25.46	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.57	/	27.00
		135	69	/	25.58	/	27.00
		135	138	/	25.48	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.32	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.48	/	27.00
		1	137	/	25.57	/	27.00
		1	271	/	25.32	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.30	/	27.00
		135	69	/	25.25	/	27.00
		135	138	/	25.60	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.43	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.35	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.92	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.95	/	22.50
	CP-OFDM QPSK	1	1	/	24.10	/	25.50
	CP-OFDM 16QAM	1	1	/	23.45	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT6 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	16.19	16.16	16.12	16.50
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	15.81	16.03	15.99	16.50
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	16.11	15.94	15.98	16.50
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	16.02	15.93	15.94	16.50
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	16.17	16.04	16.05	16.50
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	15.83	15.98	16.02	16.50
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	15.85	15.85	16.00	16.50
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	15.99	16.10	16.16	16.50
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	15.93	16.01	15.81	16.50
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	16.17	16.11	16.20	16.50
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	15.88	/	16.50
		1	137	/	16.15	/	16.50
		1	271	/	16.00	/	16.50
	DFT-s-OFDM BPSK	135	0	/	16.14	/	16.50
		135	69	/	16.09	/	16.50
		135	138	/	15.82	/	16.50
	DFT-s-OFDM BPSK	270	0	/	15.84	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.12	/	16.50
		1	137	/	16.19	/	16.50
		1	271	/	16.12	/	16.50
	DFT-s-OFDM QPSK	135	0	/	16.03	/	16.50
		135	69	/	16.08	/	16.50
		135	138	/	15.90	/	16.50
	DFT-s-OFDM QPSK	270	0	/	16.18	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.16	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	16.10	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.88	/	16.50
	CP-OFDM QPSK	1	1	/	15.93	/	16.50
	CP-OFDM 16QAM	1	1	/	15.90	/	16.50
	CP-OFDM 64QAM	1	1	/	16.10	/	16.50
	CP-OFDM 256QAM	1	1	/	16.06	/	16.50

N78-ANT6 DSI2&3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		630334	633334	636332	Tune-up power(dB
		RB Size	RB offest	3455.01	3500.01	3544.98	
10	DFT-s-OFDM QPSK	1	1	20.66	20.69	20.39	21.00
Bandwidth (MHz)	Modulation	Channel		630500	633334	636166	Tune-up power(dB
		RB Size	RB offest	3457.5	3500.01	34522.49	
15	DFT-s-OFDM QPSK	1	1	20.61	20.67	20.62	21.00
Bandwidth (MHz)	Modulation	Channel		630668	633334	636000	Tune-up power(dB
		RB Size	RB offest	3460.02	3500.01	3540	
20	DFT-s-OFDM QPSK	1	1	20.50	20.64	20.49	21.00
Bandwidth (MHz)	Modulation	Channel		631000	633334	635666	Tune-up power(dB
		RB Size	RB offest	3465	3500.01	3534.99	
30	DFT-s-OFDM QPSK	1	1	20.41	20.36	20.70	21.00
Bandwidth (MHz)	Modulation	Channel		631334	633334	635332	Tune-up power(dB
		RB Size	RB offest	3470.01	3500.01	3529.98	
40	DFT-s-OFDM QPSK	1	1	20.47	20.66	20.60	21.00
Bandwidth (MHz)	Modulation	Channel		631668	633334	635000	Tune-up power(dB
		RB Size	RB offest	3475.02	3500.01	3525	
50	DFT-s-OFDM QPSK	1	1	20.45	20.48	20.56	21.00
Bandwidth (MHz)	Modulation	Channel		632000	633334	634666	Tune-up power(dB
		RB Size	RB offest	3480	3500.01	3519.99	
60	DFT-s-OFDM QPSK	1	1	20.61	20.39	20.48	21.00
Bandwidth (MHz)	Modulation	Channel		632334	633334	634332	Tune-up power(dB
		RB Size	RB offest	3485.01	3500.01	3514.98	
70	DFT-s-OFDM QPSK	1	1	20.47	20.48	20.50	21.00
Bandwidth (MHz)	Modulation	Channel		632668	633334	634000	Tune-up power(dB
		RB Size	RB offest	3490.02	3500.01	3510	
80	DFT-s-OFDM QPSK	1	1	20.59	20.38	20.47	21.00
Bandwidth (MHz)	Modulation	Channel		633000	633334	633666	Tune-up power(dB
		RB Size	RB offest	3495	3500.01	3504.99	
90	DFT-s-OFDM QPSK	1	1	20.30	20.63	20.40	21.00
Bandwidth (MHz)	Modulation	Channel			633334		Tune-up power(dB
		RB Size	RB offest		3500.01		
100	DFT-s-OFDM BPSK	1	1	/	20.33	/	21.00
		1	137	/	20.63	/	21.00
		1	271	/	20.37	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.63	/	21.00
		135	69	/	20.31	/	21.00
		135	138	/	20.64	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.67	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.69	/	21.00
		1	137	/	20.45	/	21.00
		1	271	/	20.63	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.38	/	21.00
		135	69	/	20.66	/	21.00
		135	138	/	20.50	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.53	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.37	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.69	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.53	/	21.00
	CP-OFDM QPSK	1	1	/	20.69	/	21.00
	CP-OFDM 16QAM	1	1	/	20.60	/	21.00
	CP-OFDM 64QAM	1	1	/	20.45	/	21.00
	CP-OFDM 256QAM	1	1	/	18.75	/	20.50

N78-ANT2 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.90	26.06	25.94	27.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.74	25.72	25.65	27.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.83	25.92	26.01	27.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.83	25.59	25.91	27.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.61	25.89	25.88	27.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.91	26.04	25.94	27.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.63	25.77	25.80	27.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.94	25.73	25.98	27.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.99	26.00	25.72	27.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.82	25.63	25.84	27.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.88	/	27.50
		1	137	/	25.76	/	27.50
		1	271	/	25.82	/	27.50
	DFT-s-OFDM BPSK	135	0	/	25.74	/	27.50
		135	69	/	25.81	/	27.50
		135	138	/	25.75	/	27.50
	DFT-s-OFDM BPSK	270	0	/	24.79	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.65	/	27.50
		1	137	/	26.00	/	27.50
		1	271	/	25.88	/	27.50
	DFT-s-OFDM QPSK	135	0	/	25.62	/	27.50
		135	69	/	25.98	/	27.50
		135	138	/	25.71	/	27.50
	DFT-s-OFDM QPSK	270	0	/	24.63	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.97	/	26.50
	DFT-s-OFDM 64QAM	1	1	/	24.25	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.25	/	23.00
	CP-OFDM QPSK	1	1	/	24.36	/	26.00
	CP-OFDM 16QAM	1	1	/	23.61	/	25.50
	CP-OFDM 64QAM	1	1	/	22.76	/	24.00
	CP-OFDM 256QAM	1	1	/	19.25	/	21.00

N78-ANT2 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.84	18.87	18.81	19.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.60	18.96	18.72	19.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.00	18.90	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	18.87	18.63	18.90	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.00	18.91	18.68	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.70	18.63	18.96	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.63	18.97	18.91	19.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	18.81	18.65	18.83	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.67	18.87	19.00	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.85	18.82	18.89	19.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	18.81	/	19.50
		1	137	/	18.92	/	19.50
		1	271	/	18.95	/	19.50
	DFT-s-OFDM BPSK	135	0	/	18.93	/	19.50
		135	69	/	18.88	/	19.50
		135	138	/	18.70	/	19.50
	DFT-s-OFDM BPSK	270	0	/	18.93	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.75	/	19.50
		1	137	/	18.75	/	19.50
		1	271	/	19.00	/	19.50
	DFT-s-OFDM QPSK	135	0	/	18.63	/	19.50
		135	69	/	18.95	/	19.50
		135	138	/	18.65	/	19.50
	DFT-s-OFDM QPSK	270	0	/	18.78	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.92	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.86	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.91	/	19.50
	CP-OFDM QPSK	1	1	/	18.63	/	19.50
	CP-OFDM 16QAM	1	1	/	18.89	/	19.50
	CP-OFDM 64QAM	1	1	/	18.99	/	19.50
	CP-OFDM 256QAM	1	1	/	18.84	/	19.50

N78-ANT2 DSI2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.67	21.99	21.63	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.81	21.72	21.69	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.82	21.86	21.84	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	21.64	21.74	21.69	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.83	21.79	21.91	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.82	21.90	21.94	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.61	21.78	21.88	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	21.72	21.80	21.88	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.84	21.99	21.90	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.86	21.77	21.71	22.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	21.73	/	22.50
		1	137	/	21.91	/	22.50
		1	271	/	21.61	/	22.50
	DFT-s-OFDM BPSK	135	0	/	21.96	/	22.50
		135	69	/	21.75	/	22.50
		135	138	/	21.93	/	22.50
	DFT-s-OFDM BPSK	270	0	/	21.97	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.80	/	22.50
		1	137	/	21.88	/	22.50
		1	271	/	21.89	/	22.50
	DFT-s-OFDM QPSK	135	0	/	21.93	/	22.50
		135	69	/	21.86	/	22.50
		135	138	/	21.86	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.64	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.84	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.80	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.81	/	22.50
	CP-OFDM QPSK	1	1	/	21.76	/	22.50
	CP-OFDM 16QAM	1	1	/	21.76	/	22.50
	CP-OFDM 64QAM	1	1	/	21.73	/	22.50
	CP-OFDM 256QAM	1	1	/	19.10	/	21.00

N78-ANT2 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.34	20.18	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.26	20.45	20.38	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.43	20.22	20.45	21.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	20.12	20.45	20.15	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.49	20.39	20.12	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.11	20.29	20.29	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.41	20.28	20.48	21.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	20.25	20.44	20.36	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.19	20.11	20.36	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.10	20.36	20.20	21.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	20.41	/	21.00
		1	137	/	20.17	/	21.00
		1	271	/	20.39	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.37	/	21.00
		135	69	/	20.24	/	21.00
		135	138	/	20.39	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.38	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.39	/	21.00
		1	137	/	20.33	/	21.00
		1	271	/	20.39	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.14	/	21.00
		135	69	/	20.24	/	21.00
		135	138	/	20.21	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.42	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.49	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.25	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.36	/	21.00
	CP-OFDM QPSK	1	1	/	20.31	/	21.00
	CP-OFDM 16QAM	1	1	/	20.15	/	21.00
	CP-OFDM 64QAM	1	1	/	20.26	/	21.00
	CP-OFDM 256QAM	1	1	/	19.13	/	21.00

N78-ANT3 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.15	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.00	25.02	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.20	25.29	25.03	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.06	25.00	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.08	25.26	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.15	25.01	25.26	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.05	25.21	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.02	25.00	25.01	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.26	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.18	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.22	/	27.00
		135	69	/	25.37	/	27.00
		135	138	/	25.14	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.14	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.29	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.24	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.12	/	27.00
		135	69	/	25.29	/	27.00
		135	138	/	25.30	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.00	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.34	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.74	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.35	/	22.50
	CP-OFDM QPSK	1	1	/	23.67	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT3 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.39	18.62	18.39	19.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.52	18.31	18.33	19.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.44	18.66	18.39	19.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	18.51	18.60	18.44	19.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.46	18.33	18.43	19.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.46	18.32	18.49	19.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.54	18.66	18.35	19.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	18.63	18.61	18.65	19.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.63	18.41	18.59	19.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.64	18.40	18.34	19.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	18.67	/	19.00
		1	137	/	18.70	/	19.00
		1	271	/	18.44	/	19.00
	DFT-s-OFDM BPSK	135	0	/	18.35	/	19.00
		135	69	/	18.38	/	19.00
		135	138	/	18.32	/	19.00
	DFT-s-OFDM BPSK	270	0	/	18.61	/	19.00
	DFT-s-OFDM QPSK	1	1	/	18.50	/	19.00
		1	137	/	18.61	/	19.00
		1	271	/	18.57	/	19.00
	DFT-s-OFDM QPSK	135	0	/	18.46	/	19.00
		135	69	/	18.58	/	19.00
		135	138	/	18.65	/	19.00
	DFT-s-OFDM QPSK	270	0	/	18.33	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.60	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	18.59	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	18.30	/	19.00
	CP-OFDM QPSK	1	1	/	18.67	/	19.00
	CP-OFDM 16QAM	1	1	/	18.67	/	19.00
	CP-OFDM 64QAM	1	1	/	18.66	/	19.00
	CP-OFDM 256QAM	1	1	/	18.33	/	19.00

N78-ANT3 DSI2&3(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.15	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.00	25.02	25.06	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.20	25.29	25.03	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.06	25.00	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.11	25.14	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.20	25.17	25.07	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.08	25.26	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.15	25.01	25.26	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.09	25.05	25.21	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.02	25.00	25.01	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.26	/	27.00
		1	137	/	25.31	/	27.00
		1	271	/	25.18	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.22	/	27.00
		135	69	/	25.37	/	27.00
		135	138	/	25.14	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.14	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.29	/	27.00
		1	137	/	25.35	/	27.00
		1	271	/	25.24	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.12	/	27.00
		135	69	/	25.29	/	27.00
		135	138	/	25.30	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.00	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.34	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.74	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.35	/	22.50
	CP-OFDM QPSK	1	1	/	23.67	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	22.38	/	23.50
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50

N78-ANT3 DSI4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.07	17.97	17.94	18.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.88	17.76	17.71	18.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.03	18.09	17.94	18.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	17.88	17.74	17.79	18.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.88	18.04	17.85	18.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.91	17.90	17.85	18.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.92	17.80	17.95	18.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	18.05	17.90	17.83	18.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.92	17.73	17.79	18.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.72	17.90	17.96	18.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	17.84	/	18.50
		1	137	/	18.00	/	18.50
		1	271	/	17.90	/	18.50
	DFT-s-OFDM BPSK	135	0	/	18.05	/	18.50
		135	69	/	17.94	/	18.50
		135	138	/	17.80	/	18.50
	DFT-s-OFDM BPSK	270	0	/	17.79	/	18.50
	DFT-s-OFDM QPSK	1	1	/	18.00	/	18.50
		1	137	/	18.02	/	18.50
		1	271	/	17.76	/	18.50
	DFT-s-OFDM QPSK	135	0	/	18.07	/	18.50
		135	69	/	18.09	/	18.50
		135	138	/	17.92	/	18.50
	DFT-s-OFDM QPSK	270	0	/	17.74	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.00	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	18.00	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.81	/	18.50
	CP-OFDM QPSK	1	1	/	18.09	/	18.50
	CP-OFDM 16QAM	1	1	/	17.71	/	18.50
	CP-OFDM 64QAM	1	1	/	18.08	/	18.50
	CP-OFDM 256QAM	1	1	/	18.01	/	18.50

N78-ANT5 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.06	25.04	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.17	25.22	25.16	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.00	25.17	25.13	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.13	25.04	25.04	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.01	25.21	25.11	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.11	25.05	25.05	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.03	25.12	25.00	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.21	25.04	25.18	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.05	25.25	25.19	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.20	25.09	25.14	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.03	/	27.00
		1	137	/	25.17	/	27.00
		1	271	/	25.08	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.14	/	27.00
		135	69	/	25.13	/	27.00
		135	138	/	25.04	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.11	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.03	/	27.00
		1	137	/	25.09	/	27.00
		1	271	/	25.00	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.10	/	27.00
		135	69	/	25.21	/	27.00
		135	138	/	25.12	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.18	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.20	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	22.50	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	21.68	/	22.50
	CP-OFDM QPSK	1	1	/	24.05	/	25.50
	CP-OFDM 16QAM	1	1	/	23.24	/	25.00
	CP-OFDM 64QAM	1	1	/	23.00	/	23.50
	CP-OFDM 256QAM	1	1	/	18.68	/	20.50

N78-ANT5 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.46	17.41	17.66	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.44	17.33	17.36	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.33	17.55	17.51	18.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	17.60	17.53	17.49	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.47	17.47	17.37	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.56	17.60	17.67	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.59	17.48	17.31	18.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	17.69	17.57	17.35	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.56	17.65	17.31	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.61	17.39	17.56	18.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	17.35	/	18.00
		1	137	/	17.52	/	18.00
		1	271	/	17.63	/	18.00
	DFT-s-OFDM BPSK	135	0	/	17.36	/	18.00
		135	69	/	17.69	/	18.00
		135	138	/	17.53	/	18.00
	DFT-s-OFDM BPSK	270	0	/	17.47	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.66	/	18.00
		1	137	/	17.36	/	18.00
		1	271	/	17.32	/	18.00
	DFT-s-OFDM QPSK	135	0	/	17.45	/	18.00
		135	69	/	17.40	/	18.00
		135	138	/	17.50	/	18.00
	DFT-s-OFDM QPSK	270	0	/	17.61	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.37	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.32	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.64	/	18.00
	CP-OFDM QPSK	1	1	/	17.36	/	18.00
	CP-OFDM 16QAM	1	1	/	17.52	/	18.00
	CP-OFDM 64QAM	1	1	/	17.47	/	18.00
	CP-OFDM 256QAM	1	1	/	17.65	/	18.00

N78-ANT5 DSI2&3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.63	19.44	19.55	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.53	19.42	19.60	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.53	19.56	19.38	20.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	19.44	19.30	19.39	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.33	19.58	19.37	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.41	19.67	19.69	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.67	19.46	19.30	20.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	19.61	19.43	19.58	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.60	19.49	19.51	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	19.56	19.54	19.49	20.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	19.31	/	20.00
		1	137	/	19.54	/	20.00
		1	271	/	19.49	/	20.00
	DFT-s-OFDM BPSK	135	0	/	19.57	/	20.00
		135	69	/	19.55	/	20.00
		135	138	/	19.62	/	20.00
	DFT-s-OFDM BPSK	270	0	/	19.63	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.57	/	20.00
		1	137	/	19.63	/	20.00
		1	271	/	19.58	/	20.00
	DFT-s-OFDM QPSK	135	0	/	19.59	/	20.00
		135	69	/	19.66	/	20.00
		135	138	/	19.44	/	20.00
	DFT-s-OFDM QPSK	270	0	/	19.35	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.40	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	19.67	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	19.69	/	20.00
	CP-OFDM QPSK	1	1	/	19.32	/	20.00
	CP-OFDM 16QAM	1	1	/	19.48	/	20.00
	CP-OFDM 64QAM	1	1	/	19.41	/	20.00
	CP-OFDM 256QAM	1	1	/	19.15	/	20.00

N78-ANT6 Full power(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	25.14	25.05	25.09	27.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	25.33	25.49	25.52	27.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.38	25.49	25.43	27.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	25.26	25.30	25.38	27.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.33	25.07	25.04	27.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.31	25.29	25.22	27.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.34	25.54	25.56	27.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	25.33	25.15	25.40	27.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.21	25.04	25.50	27.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.21	25.53	25.29	27.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	25.35	/	27.00
		1	137	/	25.34	/	27.00
		1	271	/	25.12	/	27.00
	DFT-s-OFDM BPSK	135	0	/	25.43	/	27.00
		135	69	/	25.13	/	27.00
		135	138	/	25.34	/	27.00
	DFT-s-OFDM BPSK	270	0	/	24.40	/	26.00
	DFT-s-OFDM QPSK	1	1	/	25.21	/	27.00
		1	137	/	25.41	/	27.00
		1	271	/	25.16	/	27.00
	DFT-s-OFDM QPSK	135	0	/	25.42	/	27.00
		135	69	/	25.12	/	27.00
		135	138	/	25.50	/	27.00
	DFT-s-OFDM QPSK	270	0	/	24.40	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.40	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.00	/	24.50
	DFT-s-OFDM 256QAM	1	1	/	20.68	/	22.50
	CP-OFDM QPSK	1	1	/	23.83	/	25.50
	CP-OFDM 16QAM	1	1	/	23.63	/	25.00
	CP-OFDM 64QAM	1	1	/	22.15	/	23.50
	CP-OFDM 256QAM	1	1	/	18.86	/	20.50

N78-ANT6 DSI1(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	15.95	16.18	16.06	16.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	15.85	15.88	16.09	16.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	15.99	16.06	16.11	16.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	15.90	16.07	16.16	16.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	15.82	15.95	15.89	16.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	15.96	16.16	15.93	16.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.97	15.82	16.17	16.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	16.09	15.93	16.15	16.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.13	16.05	15.91	16.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.20	16.05	15.94	16.50
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	16.19	/	16.50
		1	137	/	15.97	/	16.50
		1	271	/	15.99	/	16.50
	DFT-s-OFDM BPSK	135	0	/	15.84	/	16.50
		135	69	/	15.93	/	16.50
		135	138	/	15.83	/	16.50
	DFT-s-OFDM BPSK	270	0	/	16.15	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.12	/	16.50
		1	137	/	16.06	/	16.50
		1	271	/	16.08	/	16.50
	DFT-s-OFDM QPSK	135	0	/	15.90	/	16.50
		135	69	/	15.82	/	16.50
		135	138	/	16.08	/	16.50
	DFT-s-OFDM QPSK	270	0	/	16.15	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.90	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	16.11	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.84	/	16.50
	CP-OFDM QPSK	1	1	/	15.98	/	16.50
	CP-OFDM 16QAM	1	1	/	15.84	/	16.50
	CP-OFDM 64QAM	1	1	/	16.00	/	16.50
	CP-OFDM 256QAM	1	1	/	16.05	/	16.50

N78-ANT6 DSI2&3&4(Only for NSA)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB
		RB Size	RB offest	3705	3840	3975	
20	DFT-s-OFDM QPSK	1	1	20.38	20.44	20.33	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB
		RB Size	RB offest	3707.52	3840	3972.48	
30	DFT-s-OFDM QPSK	1	1	20.59	20.62	20.66	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB
		RB Size	RB offest	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.55	20.34	20.55	21.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	652332	Tune-up power(dB
		RB Size	RB offest	3715.02	3840	3784.98	
30	DFT-s-OFDM QPSK	1	1	20.46	20.70	20.37	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB
		RB Size	RB offest	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.59	20.66	20.39	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB
		RB Size	RB offest	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.62	20.49	20.48	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB
		RB Size	RB offest	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.47	20.51	20.44	21.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	651000	Tune-up power(dB
		RB Size	RB offest	3735	3840	3765	
70	DFT-s-OFDM QPSK	1	1	20.56	20.49	20.41	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB
		RB Size	RB offest	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.33	20.50	20.69	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB
		RB Size	RB offest	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.47	20.51	20.31	21.00
Bandwidth (MHz)	Modulation	Channel			650000		Tune-up power(dB
		RB Size	RB offest		3750		
100	DFT-s-OFDM BPSK	1	1	/	20.42	/	21.00
		1	137	/	20.46	/	21.00
		1	271	/	20.40	/	21.00
	DFT-s-OFDM BPSK	135	0	/	20.46	/	21.00
		135	69	/	20.65	/	21.00
		135	138	/	20.68	/	21.00
	DFT-s-OFDM BPSK	270	0	/	20.33	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.36	/	21.00
		1	137	/	20.58	/	21.00
		1	271	/	20.49	/	21.00
	DFT-s-OFDM QPSK	135	0	/	20.70	/	21.00
		135	69	/	20.70	/	21.00
		135	138	/	20.35	/	21.00
	DFT-s-OFDM QPSK	270	0	/	20.42	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.58	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	20.64	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	20.38	/	21.00
	CP-OFDM QPSK	1	1	/	20.46	/	21.00
	CP-OFDM 16QAM	1	1	/	20.67	/	21.00
	CP-OFDM 64QAM	1	1	/	20.37	/	21.00
	CP-OFDM 256QAM	1	1	/	18.78	/	20.50