

Appendix E

1. LTE(Ant0) Sensor Off

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.21	22.45	22.18	24.00
		1	2	22.42	22.52	22.38	24.00
		1	5	22.34	22.43	22.29	24.00
		3	0	22.48	22.51	22.45	24.00
		3	2	22.51	22.47	22.49	24.00
		3	3	22.46	22.50	22.45	24.00
		6	0	21.37	21.53	21.39	23.00
	16QAM	1	0	21.41	21.57	21.38	23.00
		1	2	21.46	21.58	21.47	23.00
		1	5	21.47	21.60	21.48	23.00
		3	0	21.52	21.61	21.47	23.00
		3	2	21.50	21.59	21.54	23.00
		3	3	21.54	21.57	21.52	23.00
		6	0	20.45	20.54	20.41	22.00
	64QAM	1	0	20.40	20.44	20.38	22.00
		1	2	20.48	20.55	20.47	22.00
		1	5	20.45	20.49	20.43	22.00
		3	0	20.52	20.65	20.49	22.00
		3	2	20.50	20.61	20.51	22.00
		3	3	20.57	20.60	20.53	22.00
		6	0	19.52	19.58	19.49	21.00
	256QAM	1	0	17.55	17.61	17.56	19.00
		1	2	17.62	17.66	17.60	19.00
		1	5	17.51	17.57	17.55	19.00
		3	0	17.60	17.68	17.62	19.00
		3	2	17.53	17.60	17.51	19.00
		3	3	17.49	17.58	17.49	19.00
		6	0	17.44	17.52	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.19	22.24	22.19	24.00
		1	7	22.41	22.40	22.36	24.00
		1	14	22.30	22.37	22.31	24.00
		8	0	21.41	21.40	21.38	23.00
		8	4	21.42	21.46	21.42	23.00
		8	7	21.33	21.38	21.35	23.00
		15	0	21.34	21.40	21.37	23.00
	16QAM	1	0	21.43	21.44	21.41	23.00
		1	7	21.45	21.50	21.48	23.00
		1	14	21.44	21.45	21.46	23.00
		8	0	20.41	20.45	20.40	22.00
		8	4	20.44	20.48	20.42	22.00
		8	7	20.41	20.47	20.44	22.00
		15	0	20.45	20.49	20.41	22.00

	64QAM	1	0	20.38	20.44	20.41	22.00
		1	7	20.46	20.53	20.49	22.00
		1	14	20.44	20.45	20.42	22.00
		8	0	19.37	19.40	19.37	21.00
		8	4	19.47	19.51	19.47	21.00
		8	7	19.40	19.44	19.38	21.00
		15	0	19.46	19.47	19.47	21.00
	256QAM	1	0	17.52	17.54	17.45	19.00
		1	7	17.39	17.49	17.56	19.00
		1	14	17.39	17.43	17.37	19.00
		8	0	17.38	17.42	17.34	19.00
		8	4	17.44	17.38	17.47	19.00
		8	7	17.32	17.50	17.47	19.00
		15	0	17.34	17.53	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.20	22.27	22.18	24.00
		1	13	22.37	22.40	22.38	24.00
		1	24	22.33	22.35	22.29	24.00
		12	0	21.37	21.43	21.35	23.00
		12	6	21.42	21.45	21.41	23.00
		12	13	21.34	21.37	21.35	23.00
		25	0	21.36	21.41	21.36	23.00
	16QAM	1	0	21.40	21.42	21.37	23.00
		1	13	21.49	21.51	21.49	23.00
		1	24	21.45	21.48	21.49	23.00
		12	0	20.38	20.45	20.39	22.00
		12	6	20.40	20.44	20.42	22.00
		12	13	20.45	20.46	20.45	22.00
		25	0	20.47	20.49	20.45	22.00
	64QAM	1	0	20.37	20.47	20.38	22.00
		1	13	20.50	20.55	20.48	22.00
		1	24	20.42	20.49	20.40	22.00
		12	0	19.36	19.42	19.35	21.00
		12	6	19.45	19.49	19.49	21.00
		12	13	19.39	19.42	19.36	21.00
		25	0	19.46	19.49	19.45	21.00
	256QAM	1	0	17.40	17.43	17.40	19.00
		1	13	17.41	17.45	17.52	19.00
		1	24	17.53	17.52	17.34	19.00
		12	0	17.38	17.31	17.41	19.00
		12	6	17.54	17.47	17.41	19.00
		12	13	17.44	17.34	17.48	19.00
		25	0	17.44	17.42	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.17	22.27	22.17	24.00
		1	25	22.38	22.40	22.37	24.00
		1	49	22.32	22.37	22.30	24.00
		25	0	21.38	21.44	21.39	23.00
		25	13	21.43	21.42	21.43	23.00

		25	25	21.34	21.38	21.34	23.00
		50	0	21.35	21.43	21.36	23.00
	16QAM	1	0	21.40	21.46	21.37	23.00
		1	25	21.45	21.51	21.48	23.00
		1	49	21.46	21.45	21.49	23.00
		25	0	20.39	20.45	20.37	22.00
		25	13	20.42	20.47	20.40	22.00
		25	25	20.43	20.44	20.44	22.00
		50	0	20.46	20.47	20.43	22.00
		1	0	20.37	20.47	20.40	22.00
	64QAM	1	25	20.49	20.51	20.50	22.00
		1	49	20.45	20.49	20.40	22.00
		25	0	19.37	19.39	19.33	21.00
		25	13	19.45	19.52	19.46	21.00
		25	25	19.38	19.41	19.36	21.00
		50	0	19.45	19.48	19.48	21.00
		1	0	17.47	17.41	17.44	19.00
		1	25	17.49	17.50	17.40	19.00
	256QAM	1	49	17.48	17.42	17.39	19.00
		25	0	17.36	17.30	17.38	19.00
		25	13	17.47	17.49	17.53	19.00
		25	25	17.39	17.40	17.51	19.00
		50	0	17.50	17.50	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.20	22.26	22.18	24.00
		1	38	22.38	22.39	22.36	24.00
		1	74	22.31	22.36	22.30	24.00
		36	0	21.38	21.41	21.38	23.00
		36	18	21.41	21.43	21.41	23.00
		36	39	21.33	21.39	21.34	23.00
		75	0	21.35	21.40	21.40	23.00
	16QAM	1	0	21.40	21.43	21.40	23.00
		1	38	21.49	21.50	21.48	23.00
		1	74	21.43	21.48	21.49	23.00
		36	0	20.39	20.45	20.40	22.00
		36	18	20.42	20.45	20.43	22.00
		36	39	20.42	20.43	20.44	22.00
		75	0	20.48	20.48	20.43	22.00
	64QAM	1	0	20.40	20.43	20.41	22.00
		1	38	20.48	20.54	20.48	22.00
		1	74	20.45	20.48	20.39	22.00
		36	0	19.35	19.41	19.36	21.00
		36	18	19.46	19.52	19.46	21.00
		36	39	19.40	19.42	19.37	21.00
		75	0	19.46	19.50	19.49	21.00
	256QAM	1	0	17.50	17.49	17.49	19.00
		1	38	17.43	17.38	17.51	19.00
		1	74	17.41	17.51	17.34	19.00
		36	0	17.47	17.37	17.46	19.00
		36	18	17.58	17.38	17.47	19.00

		36	39	17.35	17.49	17.50	19.00
		75	0	17.40	17.40	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.23	22.41	22.23	24.00
		1	50	22.44	22.61	22.41	24.00
		1	99	22.36	22.49	22.35	24.00
		50	0	21.43	21.58	21.41	23.00
		50	25	21.45	21.59	21.45	23.00
		50	50	21.39	21.51	21.39	23.00
		100	0	21.40	21.45	21.42	23.00
	16QAM	1	0	21.46	21.48	21.43	23.00
		1	50	21.51	21.55	21.53	23.00
		1	99	21.49	21.53	21.51	23.00
		50	0	20.44	20.47	20.42	22.00
		50	25	20.45	20.50	20.46	22.00
		50	50	20.47	20.49	20.47	22.00
		100	0	20.51	20.53	20.47	22.00
	64QAM	1	0	20.43	20.49	20.44	22.00
		1	50	20.52	20.57	20.53	22.00
		1	99	20.48	20.51	20.45	22.00
		50	0	19.39	19.45	19.39	21.00
		50	25	19.51	19.54	19.51	21.00
		50	50	19.42	19.46	19.40	21.00
		100	0	19.50	19.53	19.51	21.00
	256QAM	1	0	17.46	17.51	17.50	19.00
		1	50	17.44	17.42	17.48	19.00
		1	99	17.49	17.45	17.39	19.00
		50	0	17.41	17.39	17.42	19.00
		50	25	17.50	17.48	17.46	19.00
		50	50	17.42	17.44	17.49	19.00
		100	0	17.43	17.50	17.48	19.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.63	22.66	22.68	24.50
		1	2	22.70	22.76	22.71	24.50
		1	5	22.64	22.68	22.62	24.50
		3	0	22.61	22.61	22.60	24.50
		3	2	22.73	22.70	22.72	24.50
		3	3	22.67	22.69	22.69	24.50
		6	0	21.58	21.60	21.60	23.50
	16QAM	1	0	21.76	21.76	21.70	23.50
		1	2	21.77	21.84	21.79	23.50
		1	5	21.65	21.67	21.63	23.50
		3	0	21.68	21.72	21.73	23.50
		3	2	21.77	21.79	21.74	23.50
		3	3	21.66	21.69	21.65	23.50
		6	0	20.61	20.62	20.54	22.50

	64QAM	1	0	20.64	20.68	20.62	22.50
		1	2	20.82	20.84	20.76	22.50
		1	5	20.72	20.77	20.70	22.50
		3	0	20.67	20.70	20.67	22.50
		3	2	20.68	20.72	20.70	22.50
		3	3	20.67	20.67	20.66	22.50
		6	0	19.55	19.57	19.51	21.50
	256QAM	1	0	17.51	17.56	17.60	19.50
		1	2	17.55	17.66	17.53	19.50
		1	5	17.62	17.67	17.59	19.50
		3	0	17.53	17.62	17.61	19.50
		3	2	17.51	17.58	17.53	19.50
		3	3	17.62	17.65	17.55	19.50
		6	0	17.52	17.61	17.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.62	22.70	22.68	24.50
		1	7	22.70	22.72	22.71	24.50
		1	14	22.64	22.69	22.64	24.50
		8	0	21.50	21.54	21.52	23.50
		8	4	21.63	21.64	21.61	23.50
		8	7	21.60	21.62	21.59	23.50
		15	0	21.59	21.64	21.61	23.50
	16QAM	1	0	21.75	21.76	21.71	23.50
		1	7	21.80	21.86	21.79	23.50
		1	14	21.64	21.65	21.61	23.50
		8	0	20.62	20.62	20.63	22.50
		8	4	20.66	20.72	20.68	22.50
		8	7	20.53	20.63	20.57	22.50
		15	0	20.58	20.64	20.58	22.50
	64QAM	1	0	20.64	20.68	20.61	22.50
		1	7	20.82	20.85	20.77	22.50
		1	14	20.76	20.78	20.72	22.50
		8	0	19.60	19.59	19.57	21.50
		8	4	19.58	19.62	19.59	21.50
		8	7	19.55	19.59	19.54	21.50
		15	0	19.55	19.59	19.52	21.50
	256QAM	1	0	17.54	17.67	17.62	19.50
		1	7	17.61	17.73	17.73	19.50
		1	14	17.59	17.60	17.53	19.50
		8	0	17.55	17.56	17.57	19.50
		8	4	17.54	17.50	17.51	19.50
		8	7	17.55	17.52	17.53	19.50
		15	0	17.51	17.54	17.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.61	22.68	22.66	24.50
		1	13	22.71	22.73	22.70	24.50
		1	24	22.66	22.65	22.63	24.50
		12	0	21.53	21.55	21.50	23.50
		12	6	21.65	21.66	21.61	23.50

		12	13	21.58	21.61	21.59	23.50
		25	0	21.56	21.64	21.61	23.50
	16QAM	1	0	21.75	21.78	21.69	23.50
		1	13	21.80	21.84	21.76	23.50
		1	24	21.61	21.66	21.65	23.50
		12	0	20.58	20.64	20.63	22.50
		12	6	20.64	20.70	20.67	22.50
		12	13	20.57	20.62	20.57	22.50
		25	0	20.61	20.64	20.55	22.50
	64QAM	1	0	20.64	20.65	20.61	22.50
		1	13	20.81	20.84	20.78	22.50
		1	24	20.76	20.76	20.69	22.50
		12	0	19.56	19.59	19.57	21.50
		12	6	19.58	19.61	19.61	21.50
		12	13	19.55	19.59	19.57	21.50
		25	0	19.54	19.57	19.54	21.50
	256QAM	1	0	17.62	17.55	17.68	19.50
		1	13	17.68	17.79	17.72	19.50
		1	24	17.57	17.58	17.51	19.50
		12	0	17.52	17.53	17.57	19.50
		12	6	17.50	17.59	17.53	19.50
		12	13	17.60	17.55	17.52	19.50
		25	0	17.54	17.58	17.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.63	22.69	22.66	24.50
		1	25	22.73	22.68	22.72	24.50
		1	49	22.62	22.67	22.65	24.50
		25	0	21.50	21.51	21.53	23.50
		25	13	21.63	21.65	21.62	23.50
		25	25	21.61	21.61	21.61	23.50
		50	0	21.60	21.61	21.58	23.50
	16QAM	1	0	21.75	21.78	21.71	23.50
		1	25	21.81	21.86	21.76	23.50
		1	49	21.61	21.66	21.64	23.50
		25	0	20.61	20.65	20.63	22.50
		25	13	20.67	20.68	20.68	22.50
		25	25	20.57	20.60	20.55	22.50
		50	0	20.61	20.60	20.57	22.50
	64QAM	1	0	20.63	20.66	20.58	22.50
		1	25	20.80	20.86	20.80	22.50
		1	49	20.76	20.74	20.72	22.50
		25	0	19.59	19.59	19.57	21.50
		25	13	19.61	19.63	19.59	21.50
		25	25	19.55	19.57	19.57	21.50
		50	0	19.55	19.57	19.54	21.50
	256QAM	1	0	17.57	17.63	17.62	19.50
		1	25	17.61	17.74	17.68	19.50
		1	49	17.58	17.70	17.50	19.50
		25	0	17.56	17.52	17.58	19.50
		25	13	17.58	17.56	17.54	19.50

		25	25	17.60	17.50	17.57	19.50
		50	0	17.51	17.52	17.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.61	22.70	22.67	24.50
		1	38	22.71	22.74	22.69	24.50
		1	74	22.65	22.69	22.61	24.50
		36	0	21.52	21.53	21.53	23.50
		36	18	21.63	21.67	21.62	23.50
		36	39	21.61	21.61	21.62	23.50
		75	0	21.59	21.62	21.61	23.50
	16QAM	1	0	21.76	21.74	21.68	23.50
		1	38	21.81	21.86	21.79	23.50
		1	74	21.61	21.68	21.65	23.50
		36	0	20.59	20.61	20.63	22.50
		36	18	20.65	20.69	20.66	22.50
		36	39	20.54	20.63	20.57	22.50
		75	0	20.58	20.61	20.58	22.50
	64QAM	1	0	20.63	20.65	20.60	22.50
		1	38	20.79	20.82	20.80	22.50
		1	74	20.75	20.78	20.69	22.50
		36	0	19.60	19.60	19.57	21.50
		36	18	19.61	19.60	19.61	21.50
		36	39	19.54	19.57	19.57	21.50
		75	0	19.57	19.59	19.53	21.50
	256QAM	1	0	17.59	17.52	17.59	19.50
		1	38	17.67	17.69	17.63	19.50
		1	74	17.60	17.71	17.59	19.50
		36	0	17.58	17.57	17.60	19.50
		36	18	17.61	17.53	17.54	19.50
		36	39	17.56	17.60	17.52	19.50
		75	0	17.59	17.61	17.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.66	22.72	22.70	24.50
		1	50	22.75	22.77	22.74	24.50
		1	99	22.68	22.71	22.67	24.50
		50	0	21.53	21.57	21.51	23.50
		50	25	21.68	21.70	21.67	23.50
		50	50	21.63	21.67	21.65	23.50
		100	0	21.62	21.66	21.63	23.50
	16QAM	1	0	21.78	21.80	21.74	23.50
		1	50	21.83	21.88	21.82	23.50
		1	99	21.67	21.71	21.67	23.50
		50	0	20.64	20.67	20.65	22.50
		50	25	20.70	20.74	20.70	22.50
		50	50	20.59	20.65	20.59	22.50
		100	0	20.64	20.66	20.60	22.50
	64QAM	1	0	20.67	20.70	20.64	22.50
		1	50	20.85	20.88	20.82	22.50
		1	99	20.78	20.80	20.74	22.50

		50	0	19.62	19.65	19.62	21.50
		50	25	19.63	19.66	19.64	21.50
		50	50	19.59	19.63	19.59	21.50
		100	0	19.59	19.62	19.57	21.50
	256QAM	1	0	17.55	17.60	17.62	19.50
		1	50	17.62	17.75	17.65	19.50
		1	99	17.60	17.64	17.58	19.50
		50	0	17.58	17.52	17.56	19.50
		50	25	17.53	17.51	17.52	19.50
		50	50	17.52	17.50	17.56	19.50
		100	0	17.50	17.54	17.59	19.50

LTE Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	21.34	21.36	21.37	23.00
		1	13	21.40	21.41	21.38	23.00
		1	24	21.33	21.31	21.29	23.00
		12	0	20.27	20.28	20.25	22.00
		12	6	20.32	20.29	20.32	22.00
		12	13	20.28	20.30	20.25	22.00
		25	0	20.27	20.29	20.28	22.00
	16QAM	1	0	20.46	20.50	20.46	22.00
		1	13	20.52	20.53	20.52	22.00
		1	24	20.43	20.45	20.47	22.00
		12	0	19.27	19.27	19.26	21.00
		12	6	19.28	19.28	19.31	21.00
		12	13	19.28	19.24	19.28	21.00
		25	0	19.24	19.25	19.22	21.00
	64QAM	1	0	19.49	19.49	19.48	21.00
		1	13	19.53	19.54	19.53	21.00
		1	24	19.50	19.48	19.44	21.00
		12	0	18.24	18.28	18.23	20.00
		12	6	18.18	18.21	18.21	20.00
		12	13	18.23	18.23	18.22	20.00
		25	0	18.25	18.26	18.23	20.00
	256QAM	1	0	16.22	16.24	16.24	18.00
		1	13	16.31	16.33	16.28	18.00
		1	24	16.27	16.28	16.30	18.00
		12	0	16.18	16.17	16.20	18.00
		12	6	16.21	16.24	16.20	18.00
		12	13	16.09	16.14	16.13	18.00
		25	0	16.14	16.15	16.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	23.00
		1	25	/	21.45	/	23.00
		1	49	/	21.36	/	23.00
		25	0	/	20.30	/	22.00
		25	13	/	20.35	/	22.00

		25	25	/	20.32	/	22.00
		50	0	/	20.33	/	22.00
	16QAM	1	0	/	20.54	/	22.00
		1	25	/	20.57	/	22.00
		1	49	/	20.50	/	22.00
		25	0	/	19.31	/	21.00
		25	13	/	19.33	/	21.00
		25	25	/	19.30	/	21.00
		50	0	/	19.28	/	21.00
	64QAM	1	0	/	19.51	/	21.00
		1	25	/	19.56	/	21.00
		1	49	/	19.52	/	21.00
		25	0	/	18.30	/	20.00
		25	13	/	18.26	/	20.00
		25	25	/	18.28	/	20.00
		50	0	/	18.30	/	20.00
	256QAM	1	0	/	16.30	/	18.00
		1	25	/	16.36	/	18.00
		1	49	/	16.33	/	18.00
		25	0	/	16.35	/	18.00
		25	13	/	16.40	/	18.00
		25	25	/	16.31	/	18.00
		50	0	/	16.38	/	18.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.55	22.61	22.68	23.00
		1	2	22.66	22.72	22.72	23.00
		1	5	22.63	22.70	22.69	23.00
		3	0	22.55	22.61	22.62	23.00
		3	1	22.65	22.69	22.67	23.00
		3	3	22.55	22.66	22.65	23.00
		6	0	21.59	21.60	21.52	22.00
	16QAM	1	0	21.84	21.81	21.74	22.00
		1	2	21.73	21.94	21.83	22.00
		1	5	21.58	21.64	21.63	22.00
		3	0	21.57	21.63	21.55	22.00
		3	1	21.58	21.72	21.70	22.00
		3	3	21.60	21.64	21.52	22.00
		6	0	20.52	20.52	20.53	21.00
	64QAM	1	0	20.60	20.75	20.61	21.00
		1	2	20.84	20.75	20.77	21.00
		1	5	20.71	20.78	20.72	21.00
		3	0	20.52	20.52	20.58	21.00
		3	1	20.66	20.65	20.54	21.00
		3	3	20.54	20.68	20.59	21.00
		6	0	19.51	19.51	19.56	20.00
	256QAM	1	0	17.58	17.56	17.64	18.00
		1	2	17.66	17.70	17.59	18.00
		1	5	17.62	17.75	17.64	18.00
		3	0	17.57	17.62	17.57	18.00
		3	1	17.67	17.58	17.56	18.00
		3	3	17.55	17.54	17.58	18.00

		6	0	17.67	17.59	17.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.55	22.63	22.66	23.00
		1	7	22.62	22.74	22.74	23.00
		1	14	22.63	22.70	22.70	23.00
		8	0	21.50	21.58	21.60	22.00
		8	4	21.68	21.71	21.67	22.00
		8	7	21.53	21.62	21.63	22.00
		15	0	21.51	21.66	21.51	22.00
	16QAM	1	0	21.79	21.79	21.73	22.00
		1	7	21.71	21.89	21.84	22.00
		1	14	21.55	21.65	21.68	22.00
		8	0	20.58	20.61	20.61	21.00
		8	4	20.62	20.73	20.74	21.00
		8	7	20.59	20.67	20.52	21.00
		15	0	20.53	20.52	20.51	21.00
	64QAM	1	0	20.62	20.76	20.61	21.00
		1	7	20.88	20.79	20.71	21.00
		1	14	20.68	20.79	20.69	21.00
		8	0	19.53	19.54	19.58	20.00
		8	4	19.66	19.71	19.53	20.00
		8	7	19.62	19.68	19.57	20.00
		15	0	19.66	19.53	19.57	20.00
	256QAM	1	0	17.52	17.61	17.54	18.00
		1	7	17.65	17.57	17.56	18.00
		1	14	17.65	17.77	17.68	18.00
		8	0	17.56	17.52	17.51	18.00
		8	4	17.61	17.55	17.56	18.00
		8	7	17.57	17.59	17.54	18.00
		15	0	17.51	17.52	17.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.53	22.58	22.65	23.00
		1	13	22.60	22.69	22.69	23.00
		1	24	22.59	22.72	22.65	23.00
		12	0	21.54	21.59	21.61	22.00
		12	6	21.69	21.68	21.64	22.00
		12	13	21.58	21.65	21.64	22.00
		25	0	21.54	21.61	21.55	22.00
	16QAM	1	0	21.80	21.80	21.73	22.00
		1	13	21.73	21.94	21.88	22.00
		1	24	21.54	21.65	21.67	22.00
		12	0	20.58	20.61	20.57	21.00
		12	6	20.57	20.71	20.71	21.00
		12	13	20.52	20.64	20.50	21.00
		25	0	20.51	20.56	20.50	21.00
	64QAM	1	0	20.56	20.75	20.61	21.00
		1	13	20.88	20.75	20.71	21.00
		1	24	20.72	20.75	20.68	21.00
		12	0	19.53	19.53	19.63	20.00
		12	6	19.66	19.66	19.52	20.00
		12	13	19.62	19.68	19.55	20.00
		25	0	19.51	19.61	19.52	20.00
	256QAM	1	0	17.54	17.55	17.59	18.00
		1	13	17.53	17.58	17.55	18.00
		1	24	17.56	17.75	17.58	18.00
		12	0	17.60	17.55	17.51	18.00

		12	6	17.57	17.51	17.57	18.00
		12	13	17.59	17.55	17.53	18.00
		25	0	17.60	17.57	17.56	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.53	22.60	22.64	23.00
		1	25	22.76	22.70	22.72	23.00
		1	49	22.59	22.73	22.69	23.00
		25	0	21.56	21.55	21.58	22.00
		25	13	21.65	21.71	21.65	22.00
		25	25	21.52	21.67	21.62	22.00
		50	0	21.52	21.60	21.53	22.00
	16QAM	1	0	21.78	21.83	21.74	22.00
		1	25	21.72	21.92	21.85	22.00
		1	49	21.56	21.61	21.62	22.00
		25	0	20.58	20.66	20.61	21.00
		25	13	20.61	20.71	20.76	21.00
		25	25	20.66	20.67	20.65	21.00
		50	0	20.54	20.51	20.54	21.00
	64QAM	1	0	20.62	20.72	20.58	21.00
		1	25	20.86	20.75	20.72	21.00
		1	49	20.70	20.80	20.70	21.00
		25	0	19.50	19.56	19.63	20.00
		25	13	19.63	19.68	19.53	20.00
		25	25	19.60	19.69	19.61	20.00
		50	0	19.57	19.53	19.56	20.00
	256QAM	1	0	17.52	17.52	17.51	18.00
		1	25	17.67	17.55	17.60	18.00
		1	49	17.65	17.71	17.63	18.00
		25	0	17.59	17.54	17.52	18.00
		25	13	17.55	17.51	17.53	18.00
		25	25	17.60	17.59	17.53	18.00
		50	0	17.51	17.52	17.60	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.56	22.61	22.68	23.00
		1	38	22.61	22.74	22.74	23.00
		1	74	22.62	22.68	22.69	23.00
		36	0	21.55	21.61	21.57	22.00
		36	18	21.63	21.67	21.66	22.00
		36	39	21.56	21.67	21.65	22.00
		75	0	21.51	21.60	21.55	22.00
	16QAM	1	0	21.81	21.81	21.69	22.00
		1	38	21.68	21.89	21.85	22.00
		1	74	21.54	21.65	21.62	22.00
		36	0	20.55	20.63	20.55	21.00
		36	18	20.58	20.74	20.72	21.00
		36	39	20.52	20.66	20.52	21.00
		75	0	20.51	20.51	20.50	21.00
	64QAM	1	0	20.57	20.74	20.59	21.00
		1	38	20.82	20.80	20.71	21.00
		1	74	20.68	20.77	20.68	21.00
		36	0	19.50	19.51	19.64	20.00
		36	18	19.66	19.69	19.56	20.00
		36	39	19.55	19.63	19.52	20.00
		75	0	19.51	19.52	19.54	20.00
	256QAM	1	0	17.52	17.59	17.53	18.00
		1	38	17.51	17.53	17.61	18.00

		1	74	17.66	17.65	17.65	18.00
		36	0	17.55	17.51	17.52	18.00
		36	18	17.57	17.54	17.59	18.00
		36	39	17.55	17.57	17.58	18.00
		75	0	17.52	17.56	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.60	22.65	22.71	23.00
		1	50	22.79	22.82	22.77	23.00
		1	99	22.65	22.75	22.73	23.00
		50	0	21.58	21.63	21.53	22.00
		50	25	21.71	21.73	21.70	22.00
		50	50	21.60	21.70	21.68	22.00
	16QAM	100	0	21.56	21.68	21.59	22.00
		1	0	21.86	21.86	21.77	22.00
		1	50	21.76	21.96	21.90	22.00
		1	99	21.60	21.69	21.70	22.00
		50	0	20.61	20.69	20.63	21.00
		50	25	20.65	20.77	20.78	21.00
	64QAM	50	50	20.54	20.70	20.56	21.00
		100	0	20.58	20.58	20.57	21.00
		1	0	20.64	20.78	20.66	21.00
		1	50	20.90	20.82	20.79	21.00
		1	99	20.76	20.83	20.76	21.00
		50	0	19.56	19.58	19.66	20.00
	256QAM	50	25	19.69	19.73	19.60	20.00
		50	50	19.53	19.71	19.54	20.00
		100	0	19.53	19.56	19.59	20.00
		1	0	17.52	17.53	17.58	18.00
		1	50	17.59	17.62	17.55	18.00
		1	99	17.60	17.73	17.62	18.00
		50	0	17.51	17.58	17.50	18.00
		50	25	17.59	17.53	17.51	18.00
		50	50	17.52	17.51	17.56	18.00
		100	0	17.59	17.54	17.59	18.00

LTE Band 41 (Class2)				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.67	25.04	25.07	24.67	24.58	26.50
		1	13	24.83	24.97	25.03	24.94	24.75	26.50
		1	24	24.90	24.98	25.07	24.80	24.61	26.50
		12	0	24.10	23.86	24.05	24.18	24.11	25.50
		12	6	23.92	23.88	24.11	23.93	24.22	25.50
		12	13	24.14	23.93	24.07	24.21	23.89	25.50
	16QAM	25	0	23.97	24.04	24.03	23.90	23.97	25.50
		1	0	24.08	24.32	24.30	24.39	24.04	25.50
		1	13	24.24	24.47	24.45	24.16	24.19	25.50
		1	24	24.49	24.26	24.51	24.18	24.19	25.50
		12	0	22.62	22.92	22.99	22.76	22.68	24.50
		12	6	22.93	23.08	22.97	22.89	22.95	24.50
	64QAM	12	13	22.83	23.06	23.06	22.97	22.97	24.50
		25	0	22.83	22.86	23.07	22.81	22.88	24.50
		1	0	23.39	23.21	23.23	22.93	22.76	24.50
		1	13	22.98	23.31	23.36	23.31	23.33	24.50

		1	24	22.82	23.16	23.19	23.15	23.11	24.50
		12	0	21.61	21.91	21.98	21.63	21.58	23.50
		12	6	21.52	21.95	21.99	21.95	21.95	23.50
		12	13	21.63	21.95	21.97	21.93	21.92	23.50
		25	0	21.54	21.96	22.02	21.64	21.55	23.50
	256QAM	1	0	20.57	20.47	20.56	20.46	20.43	22.00
		1	13	20.42	20.50	20.53	20.46	20.36	22.00
		1	24	20.37	20.49	20.52	20.44	20.42	22.00
		12	0	20.27	20.50	20.43	20.39	20.32	22.00
		12	6	20.43	20.28	20.36	20.37	20.33	22.00
		12	13	20.47	20.47	20.50	20.43	20.48	22.00
		25	0	20.34	20.38	20.35	20.36	20.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.54	25.05	25.06	24.67	24.63	26.50
		1	25	24.92	24.95	25.09	24.89	24.77	26.50
		1	49	24.79	24.93	24.93	24.82	24.80	26.50
		25	0	23.95	23.93	24.09	24.14	24.06	25.50
		25	13	24.05	23.89	24.01	23.99	24.21	25.50
		25	25	24.10	23.97	23.98	24.18	24.03	25.50
		50	0	24.00	23.94	23.91	23.95	23.94	25.50
	16QAM	1	0	24.08	24.25	24.37	24.33	24.01	25.50
		1	25	24.31	24.35	24.35	24.15	24.12	25.50
		1	49	24.48	24.43	24.47	24.14	24.24	25.50
		25	0	22.73	22.98	22.92	22.76	22.61	24.50
		25	13	23.00	22.92	23.01	22.93	22.92	24.50
		25	25	22.92	22.94	23.07	22.86	23.03	24.50
		50	0	22.83	23.04	23.01	22.66	22.82	24.50
	64QAM	1	0	23.41	23.25	23.26	22.91	22.78	24.50
		1	25	22.95	23.31	23.34	23.31	23.30	24.50
		1	49	22.84	23.17	23.20	23.15	23.11	24.50
		25	0	21.59	21.87	21.96	21.62	21.57	23.50
		25	13	21.54	21.94	22.00	21.98	21.95	23.50
		25	25	21.60	21.93	21.99	21.90	21.92	23.50
		50	0	21.57	21.96	22.02	21.64	21.54	23.50
	256QAM	1	0	20.41	20.46	20.54	20.59	20.44	22.00
		1	25	20.46	20.50	20.59	20.42	20.44	22.00
		1	49	20.45	20.47	20.53	20.47	20.35	22.00
		25	0	20.20	20.54	20.52	20.36	20.33	22.00
		25	13	20.35	20.39	20.44	20.46	20.29	22.00
		25	25	20.47	20.42	20.58	20.43	20.47	22.00
		50	0	20.32	20.46	20.50	20.39	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.57	25.01	25.02	24.62	24.56	26.50
		1	38	24.86	24.92	25.07	24.93	24.72	26.50
		1	74	24.79	24.91	24.99	24.81	24.80	26.50
		36	0	24.09	23.86	23.95	24.20	24.10	25.50
		36	18	24.03	23.87	23.97	23.99	24.24	25.50
		36	39	24.23	24.02	23.94	24.05	23.92	25.50
		75	0	24.04	24.01	23.96	23.97	23.89	25.50

	16QAM	1	0	24.15	24.31	24.39	24.22	24.06	25.50
		1	38	24.21	24.36	24.55	24.29	24.19	25.50
		1	74	24.41	24.25	24.32	24.15	24.20	25.50
		36	0	22.62	22.91	22.91	22.75	22.56	24.50
		36	18	23.04	22.95	23.09	23.06	23.01	24.50
		36	39	22.91	23.06	23.17	22.89	22.99	24.50
		75	0	22.66	22.92	23.09	22.67	22.73	24.50
	64QAM	1	0	23.40	23.24	23.27	22.89	22.79	24.50
		1	38	22.95	23.31	23.37	23.35	23.32	24.50
		1	74	22.82	23.15	23.22	23.11	23.11	24.50
		36	0	21.57	21.91	21.95	21.60	21.57	23.50
		36	18	21.54	21.94	22.01	21.96	21.94	23.50
		36	39	21.63	21.93	21.99	21.89	21.92	23.50
		75	0	21.57	21.97	22.00	21.64	21.52	23.50
	256QAM	1	0	20.43	20.54	20.54	20.57	20.50	22.00
		1	38	20.32	20.50	20.48	20.45	20.38	22.00
		1	74	20.42	20.57	20.64	20.56	20.47	22.00
		36	0	20.25	20.56	20.51	20.34	20.26	22.00
		36	18	20.26	20.31	20.49	20.29	20.31	22.00
		36	39	20.35	20.42	20.52	20.47	20.39	22.00
		75	0	20.41	20.39	20.45	20.40	20.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.53	25.08	25.08	24.68	24.53	26.50
		1	50	24.82	24.98	25.10	24.85	24.73	26.50
		1	99	24.80	24.96	25.02	24.81	24.70	26.50
		50	0	24.01	23.95	24.01	24.23	24.10	25.50
		50	25	24.00	23.97	24.05	24.00	24.20	25.50
		50	50	24.13	23.92	24.02	24.11	23.96	25.50
		100	0	24.04	23.97	24.01	24.00	23.95	25.50
	16QAM	1	0	24.11	24.28	24.36	24.29	24.02	25.50
		1	50	24.28	24.38	24.45	24.22	24.12	25.50
		1	99	24.43	24.33	24.41	24.12	24.23	25.50
		50	0	22.66	22.93	23.01	22.72	22.50	24.50
		50	25	22.95	23.01	23.06	22.97	23.00	24.50
		50	50	22.89	23.04	23.10	22.95	22.97	24.50
		100	0	22.75	22.96	23.04	22.71	22.82	24.50
	64QAM	1	0	23.45	23.27	23.29	22.95	22.81	24.50
		1	50	23.00	23.36	23.40	23.37	23.35	24.50
		1	99	22.88	23.20	23.25	23.17	23.14	24.50
		50	0	21.50	21.93	22.01	21.65	21.60	23.50
		50	25	21.56	22.00	22.04	22.00	21.99	23.50
		50	50	21.68	21.97	22.01	21.95	21.95	23.50
		100	0	21.60	22.02	22.05	21.66	21.58	23.50
	256QAM	1	0	20.51	20.48	20.56	20.51	20.52	22.00
		1	50	20.42	20.46	20.53	20.49	20.45	22.00
		1	99	20.43	20.51	20.62	20.52	20.44	22.00
		50	0	20.25	20.48	20.49	20.43	20.35	22.00
		50	25	20.35	20.36	20.43	20.39	20.33	22.00
		50	50	20.40	20.44	20.51	20.46	20.47	22.00
		100	0	20.35	20.40	20.45	20.40	20.41	22.00

LTE Band 41 (Class3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.62	22.99	23.00	22.86	22.69	24.50
		1	13	22.63	22.82	22.99	22.97	22.82	24.50
		1	24	22.82	22.69	23.09	22.66	22.68	24.50
		12	0	21.64	22.00	22.01	21.68	21.58	23.50
		12	6	21.75	22.02	22.09	21.82	21.76	23.50
		12	13	21.82	21.86	22.01	21.71	21.84	23.50
		25	0	21.79	21.94	21.89	21.75	21.80	23.50
	16QAM	1	0	21.78	21.90	21.93	21.72	21.69	23.50
		1	13	21.91	21.94	21.97	21.92	21.73	23.50
		1	24	21.82	21.98	21.95	21.93	21.79	23.50
		12	0	20.69	20.92	20.95	20.70	20.70	22.50
		12	6	20.89	20.97	20.94	20.85	20.85	22.50
		12	13	20.92	20.90	21.03	20.80	20.87	22.50
		25	0	20.90	21.02	21.05	20.92	20.73	22.50
	64QAM	1	0	20.94	20.95	21.02	20.94	20.75	22.50
		1	13	20.84	21.02	20.92	20.96	21.06	22.50
		1	24	20.87	20.83	21.07	21.00	20.68	22.50
		12	0	19.62	19.92	19.98	19.76	19.69	21.50
		12	6	19.89	20.00	19.96	19.97	19.80	21.50
		12	13	19.79	19.94	20.11	20.03	19.83	21.50
		25	0	19.83	19.91	19.97	19.90	19.74	21.50
	256QAM	1	0	17.64	17.89	18.03	17.79	17.70	19.50
		1	13	17.73	17.92	17.84	17.90	17.91	19.50
		1	24	17.69	17.84	17.97	17.83	17.88	19.50
		12	0	17.78	17.88	17.99	17.82	17.83	19.50
		12	6	17.78	17.91	17.89	17.99	17.83	19.50
		12	13	17.86	17.82	17.92	17.96	17.78	19.50
		25	0	17.78	17.93	17.94	17.92	17.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.61	22.89	23.12	22.69	22.63	24.50
		1	25	22.78	22.79	23.09	22.91	22.84	24.50
		1	49	22.74	22.78	23.10	22.55	22.76	24.50
		25	0	21.67	21.85	22.01	21.70	21.51	23.50
		25	13	21.72	21.90	21.94	21.74	21.82	23.50
		25	25	21.79	21.99	22.05	21.74	21.85	23.50
		50	0	21.77	21.93	21.93	21.83	21.79	23.50
	16QAM	1	0	21.81	21.87	21.99	21.71	21.72	23.50
		1	25	21.84	22.03	21.97	21.95	21.90	23.50
		1	49	21.91	22.00	21.93	22.03	21.94	23.50
		25	0	20.78	20.95	20.86	20.68	20.80	22.50
		25	13	20.83	21.05	20.94	20.99	20.87	22.50
		25	25	20.98	21.06	20.98	20.80	20.88	22.50
		50	0	20.80	21.02	21.06	20.86	20.81	22.50
	64QAM	1	0	20.96	20.95	20.94	20.92	20.61	22.50
		1	25	20.85	20.95	20.97	20.96	20.88	22.50
		1	49	20.81	20.88	20.97	21.01	20.82	22.50

		25	0	19.65	19.79	20.00	19.66	19.68	21.50
		25	13	19.72	19.96	19.91	19.97	19.80	21.50
		25	25	19.93	19.95	19.94	20.03	19.85	21.50
		50	0	19.77	19.91	19.94	20.01	19.81	21.50
	256QAM	1	0	17.67	17.84	17.96	17.74	17.76	19.50
		1	25	17.82	17.86	17.97	17.95	17.88	19.50
		1	49	17.66	17.88	18.09	17.77	17.74	19.50
		25	0	17.83	17.98	17.98	17.84	17.69	19.50
		25	13	17.88	17.89	17.91	17.86	17.83	19.50
		25	25	17.82	17.85	17.95	17.95	17.77	19.50
		50	0	17.90	17.93	18.00	17.86	17.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.64	22.94	23.00	22.71	22.58	24.50
		1	38	22.69	22.81	22.94	22.85	22.73	24.50
		1	74	22.80	22.74	23.03	22.62	22.74	24.50
		36	0	21.59	21.91	21.99	21.72	21.66	23.50
		36	18	21.72	22.06	21.97	21.88	21.94	23.50
		36	39	21.76	21.84	21.93	21.65	21.88	23.50
		75	0	21.80	21.94	21.96	21.80	21.79	23.50
	16QAM	1	0	21.88	21.97	22.00	21.84	21.70	23.50
		1	38	21.97	21.90	21.93	21.80	21.89	23.50
		1	74	21.93	22.01	22.11	22.01	21.87	23.50
		36	0	20.83	20.94	20.89	20.71	20.75	22.50
		36	18	20.81	20.95	21.03	20.88	20.79	22.50
		36	39	20.92	21.01	20.99	20.86	20.89	22.50
		75	0	20.79	20.88	21.05	20.91	20.85	22.50
	64QAM	1	0	20.82	21.00	21.00	20.98	20.77	22.50
		1	38	20.85	21.01	20.92	20.88	21.00	22.50
		1	74	20.91	20.86	21.00	21.03	20.73	22.50
		36	0	19.77	19.82	19.87	19.79	19.78	21.50
		36	18	19.83	19.94	19.99	19.89	19.85	21.50
		36	39	19.82	19.91	20.08	20.02	19.79	21.50
		75	0	19.88	20.00	19.97	20.00	19.77	21.50
	256QAM	1	0	17.72	17.93	17.89	17.77	17.72	19.50
		1	38	17.84	17.87	17.88	17.82	17.82	19.50
		1	74	17.79	17.94	17.98	17.82	17.75	19.50
		36	0	17.71	17.99	17.99	17.87	17.82	19.50
		36	18	17.85	17.89	17.89	17.91	17.85	19.50
		36	39	17.93	17.84	17.97	17.90	17.78	19.50
		75	0	17.83	18.04	17.92	17.87	17.85	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.63	22.81	23.04	22.79	22.61	24.50
		1	50	22.83	22.95	23.05	22.93	22.82	24.50
		1	99	22.72	22.74	23.01	22.56	22.69	24.50
		50	0	21.63	21.92	22.01	21.78	21.60	23.50
		50	25	21.82	21.99	22.03	21.82	21.86	23.50
		50	50	21.80	21.93	22.02	21.75	21.85	23.50
		100	0	21.79	21.96	21.98	21.78	21.79	23.50
	16QAM	1	0	21.85	21.91	21.96	21.81	21.78	23.50

		1	50	21.90	21.95	21.94	21.89	21.82	23.50
		1	99	21.86	21.99	22.03	21.99	21.86	23.50
		50	0	20.75	20.92	20.95	20.76	20.72	22.50
		50	25	20.89	20.98	21.04	20.93	20.89	22.50
		50	50	20.96	21.00	20.97	20.88	20.82	22.50
		100	0	20.83	20.95	21.00	20.89	20.79	22.50
	64QAM	1	0	20.89	21.01	21.03	20.91	20.70	22.50
		1	50	20.90	20.99	20.98	20.92	20.98	22.50
		1	99	20.86	20.86	21.05	20.96	20.78	22.50
		50	0	19.71	19.89	19.92	19.71	19.71	21.50
		50	25	19.82	19.92	19.97	19.89	19.79	21.50
		50	50	19.85	19.89	20.04	19.97	19.82	21.50
		100	0	19.86	19.92	19.98	19.93	19.82	21.50
	256QAM	1	0	17.66	17.93	17.95	17.74	17.70	19.50
		1	50	17.78	17.96	17.93	17.92	17.86	19.50
		1	99	17.73	17.86	18.01	17.86	17.82	19.50
		50	0	17.76	17.93	17.95	17.82	17.76	19.50
		50	25	17.83	17.88	17.99	17.93	17.90	19.50
		50	50	17.85	17.92	18.00	17.91	17.87	19.50
		100	0	17.85	18.02	18.02	17.85	17.81	19.50

LTE Band 48				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55748	56232	56715	
5MHz	QPSK	1	0	20.87	20.81	20.87	20.85	22.50
		1	13	20.93	20.92	21.03	20.98	22.50
		1	24	20.92	20.82	20.92	20.90	22.50
		12	0	19.92	19.99	20.01	19.96	21.50
		12	6	20.02	19.97	20.02	20.01	21.50
		12	13	19.98	19.98	19.93	19.91	21.50
		25	0	19.89	19.92	19.95	19.95	21.50
	16QAM	1	0	19.71	19.74	19.82	19.77	21.50
		1	13	19.77	19.78	19.84	19.76	21.50
		1	24	19.83	19.81	19.84	19.82	21.50
		12	0	18.96	18.96	18.98	18.86	20.50
		12	6	19.01	18.95	18.99	19.00	20.50
		12	13	18.98	18.98	18.99	18.91	20.50
		25	0	18.91	18.87	18.97	18.94	20.50
	64QAM	1	0	19.00	18.93	19.02	18.91	20.50
		1	13	18.86	18.95	19.00	18.93	20.50
		1	24	18.89	18.95	18.92	18.96	20.50
		12	0	17.89	17.95	17.94	17.93	19.50
		12	6	17.98	17.95	17.99	17.99	19.50
		12	13	17.93	17.91	17.96	17.92	19.50
		25	0	17.89	17.82	17.89	17.83	19.50
	256QAM	1	0	15.94	15.90	15.94	15.96	17.50
		1	13	15.94	15.97	16.03	15.93	17.50
		1	24	15.94	15.95	15.97	15.99	17.50
		12	0	15.94	15.91	15.98	15.91	17.50
		12	6	15.87	15.98	15.97	15.98	17.50

		12	13	15.96	15.96	15.97	15.96	17.50
		25	0	15.94	15.91	15.98	15.93	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55290	55757	56223	56690	
10MHz	QPSK	1	0	20.82	20.84	20.93	20.83	22.50
		1	25	20.99	20.89	21.01	20.96	22.50
		1	49	20.86	20.87	20.93	20.86	22.50
		25	0	19.93	19.97	20.03	19.91	21.50
		25	13	20.03	19.98	20.05	19.99	21.50
		25	25	19.92	19.96	20.00	19.87	21.50
		50	0	19.90	19.87	19.94	19.94	21.50
	16QAM	1	0	19.74	19.72	19.81	19.74	21.50
		1	25	19.75	19.80	19.77	19.77	21.50
		1	49	19.82	19.78	19.88	19.79	21.50
		25	0	18.92	18.92	18.97	18.93	20.50
		25	13	19.02	18.99	18.97	18.97	20.50
		25	25	18.95	18.94	18.98	18.87	20.50
		50	0	18.95	18.88	18.94	18.97	20.50
	64QAM	1	0	19.02	18.95	18.97	18.96	20.50
		1	25	18.90	18.94	18.99	18.94	20.50
		1	49	18.93	18.92	18.99	18.90	20.50
		25	0	17.89	17.97	17.97	17.91	19.50
		25	13	18.00	17.89	18.00	17.97	19.50
		25	25	17.88	17.90	17.95	17.90	19.50
		50	0	17.85	17.81	17.93	17.86	19.50
	256QAM	1	0	15.91	15.92	15.96	15.97	17.50
		1	25	16.01	15.96	15.97	15.96	17.50
		1	49	15.96	15.94	15.99	15.95	17.50
		25	0	15.92	15.94	15.99	15.94	17.50
		25	13	15.89	15.93	15.96	15.96	17.50
		25	25	15.97	15.93	16.01	15.94	17.50
		50	0	15.90	15.93	15.95	15.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55765	56215	56665	
15MHz	QPSK	1	0	20.83	20.86	20.90	20.87	22.50
		1	38	20.96	20.92	21.03	20.95	22.50
		1	74	20.90	20.83	20.92	20.89	22.50
		36	0	19.93	19.95	19.99	19.92	21.50
		36	18	19.97	20.01	20.05	19.97	21.50
		36	39	19.94	19.97	19.98	19.90	21.50
		75	0	19.95	19.87	19.94	19.95	21.50
	16QAM	1	0	19.75	19.74	19.81	19.71	21.50
		1	38	19.78	19.75	19.77	19.71	21.50
		1	74	19.82	19.81	19.84	19.78	21.50
		36	0	18.94	18.89	18.94	18.92	20.50
		36	18	19.02	19.00	18.97	19.00	20.50
		36	39	18.96	18.95	18.99	18.87	20.50
		75	0	18.97	18.89	18.97	18.91	20.50
	64QAM	1	0	19.00	19.00	19.04	18.93	20.50
		1	38	18.88	18.92	18.97	18.90	20.50
		1	74	18.87	18.92	18.99	18.97	20.50

		36	0	17.88	17.94	17.98	17.97	19.50
		36	18	18.00	17.93	18.03	17.97	19.50
		36	39	17.87	17.97	17.96	17.95	19.50
		75	0	17.85	17.81	17.87	17.83	19.50
	256QAM	1	0	15.98	15.95	15.93	15.92	17.50
		1	38	15.96	16.00	16.04	15.96	17.50
		1	74	15.91	15.99	15.99	16.00	17.50
		36	0	15.90	15.88	15.96	15.92	17.50
		36	18	15.87	15.97	15.93	15.91	17.50
		36	39	15.98	15.95	16.00	15.94	17.50
		75	0	15.89	15.95	15.93	15.93	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55773	56207	56640	
20MHz	QPSK	1	0	20.89	20.88	20.94	20.90	22.50
		1	50	21.01	20.96	21.04	21.05	22.50
		1	99	20.94	20.90	20.96	20.93	22.50
		50	0	19.98	20.01	20.05	19.98	21.50
		50	25	20.04	20.04	20.08	20.10	21.50
		50	50	19.99	19.99	20.01	19.95	21.50
		100	0	19.96	19.93	20.00	19.97	21.50
	16QAM	1	0	19.77	19.78	19.83	19.79	21.50
		1	50	19.80	19.83	19.85	19.79	21.50
		1	99	19.87	19.82	19.90	19.86	21.50
		50	0	18.98	18.97	19.00	18.94	20.50
		50	25	19.03	19.03	19.05	19.01	20.50
		50	50	18.99	19.01	19.03	18.95	20.50
		100	0	18.99	18.95	19.01	18.99	20.50
	64QAM	1	0	19.03	19.01	19.05	18.98	20.50
		1	50	18.93	18.98	19.01	18.97	20.50
		1	99	18.94	18.97	19.00	18.98	20.50
		50	0	17.93	17.99	18.01	17.98	19.50
		50	25	18.01	17.96	18.04	18.00	19.50
		50	50	17.95	17.98	18.00	17.96	19.50
		100	0	17.90	17.87	17.94	17.91	19.50
	256QAM	1	0	15.99	15.98	16.01	15.99	17.50
		1	50	16.02	16.01	16.05	16.00	17.50
		1	99	15.99	16.01	16.03	16.01	17.50
		50	0	15.97	15.95	16.02	15.97	17.50
		50	25	15.94	15.99	16.01	15.99	17.50
		50	50	16.00	16.01	16.05	16.01	17.50
		100	0	15.95	15.99	16.01	15.98	17.50

2. LTE(Ant0) Sensor On

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.39	16.28	16.46	18.00
		1	2	16.48	16.45	16.49	18.00
		1	5	16.39	16.46	16.43	18.00
		3	0	16.40	16.44	16.45	18.00
		3	2	16.54	16.53	16.45	18.00
		3	3	16.38	16.54	16.33	18.00
		6	0	16.45	16.49	16.31	18.00
	16QAM	1	0	16.52	16.42	16.48	18.00
		1	2	16.45	16.51	16.46	18.00
		1	5	16.48	16.51	16.36	18.00
		3	0	16.40	16.53	16.40	18.00
		3	2	16.41	16.42	16.38	18.00
		3	3	16.42	16.31	16.39	18.00
		6	0	16.43	16.44	16.41	18.00
	64QAM	1	0	16.53	16.48	16.50	18.00
		1	2	16.40	16.57	16.50	18.00
		1	5	16.46	16.60	16.37	18.00
		3	0	16.54	16.56	16.45	18.00
		3	2	16.44	16.54	16.35	18.00
		3	3	16.46	16.47	16.48	18.00
		6	0	16.43	16.40	16.47	18.00
	256QAM	1	0	16.41	16.49	16.39	18.00
		1	2	16.49	16.42	16.58	18.00
		1	5	16.29	16.33	16.32	18.00
		3	0	16.32	16.42	16.50	18.00
		3	2	16.45	16.45	16.59	18.00
		3	3	16.36	16.40	16.39	18.00
		6	0	16.27	16.37	16.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.54	16.28	16.44	18.00
		1	7	16.40	16.49	16.33	18.00
		1	14	16.32	16.42	16.46	18.00
		8	0	16.43	16.47	16.44	18.00
		8	4	16.53	16.46	16.43	18.00
		8	7	16.41	16.41	16.32	18.00
		15	0	16.40	16.44	16.33	18.00
	16QAM	1	0	16.43	16.48	16.52	18.00
		1	7	16.48	16.50	16.44	18.00
		1	14	16.47	16.63	16.35	18.00
		8	0	16.49	16.51	16.42	18.00
		8	4	16.33	16.41	16.41	18.00
		8	7	16.41	16.31	16.46	18.00
		15	0	16.34	16.33	16.39	18.00
	64QAM	1	0	16.44	16.43	16.37	18.00
		1	7	16.53	16.53	16.39	18.00

		1	14	16.36	16.61	16.53	18.00
		8	0	16.42	16.52	16.34	18.00
		8	4	16.46	16.41	16.26	18.00
		8	7	16.38	16.37	16.41	18.00
		15	0	16.41	16.41	16.47	18.00
	256QAM	1	0	16.55	16.46	16.44	18.00
		1	7	16.45	16.36	16.43	18.00
		1	14	16.40	16.38	16.34	18.00
		8	0	16.39	16.38	16.52	18.00
		8	4	16.49	16.48	16.51	18.00
		8	7	16.34	16.34	16.45	18.00
		15	0	16.30	16.35	16.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.53	16.39	16.38	18.00
		1	13	16.34	16.51	16.43	18.00
		1	24	16.36	16.43	16.43	18.00
		12	0	16.51	16.55	16.34	18.00
		12	6	16.46	16.39	16.40	18.00
		12	13	16.49	16.52	16.38	18.00
		25	0	16.44	16.51	16.39	18.00
	16QAM	1	0	16.49	16.55	16.56	18.00
		1	13	16.48	16.54	16.44	18.00
		1	24	16.50	16.64	16.43	18.00
		12	0	16.45	16.49	16.52	18.00
		12	6	16.42	16.55	16.26	18.00
		12	13	16.39	16.46	16.32	18.00
		25	0	16.37	16.48	16.53	18.00
	64QAM	1	0	16.47	16.46	16.43	18.00
		1	13	16.40	16.63	16.47	18.00
		1	24	16.38	16.59	16.53	18.00
		12	0	16.40	16.50	16.32	18.00
		12	6	16.35	16.53	16.26	18.00
		12	13	16.44	16.34	16.39	18.00
		25	0	16.45	16.49	16.57	18.00
	256QAM	1	0	16.50	16.50	16.45	18.00
		1	13	16.43	16.38	16.48	18.00
		1	24	16.38	16.50	16.35	18.00
		12	0	16.32	16.48	16.37	18.00
		12	6	16.41	16.50	16.44	18.00
		12	13	16.32	16.33	16.49	18.00
		25	0	16.35	16.39	16.36	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.46	16.37	16.43	18.00
		1	25	16.42	16.47	16.36	18.00
		1	49	16.42	16.37	16.47	18.00
		25	0	16.46	16.42	16.43	18.00
		25	13	16.54	16.41	16.42	18.00
		25	25	16.40	16.53	16.30	18.00
		50	0	16.30	16.50	16.47	18.00

	16QAM	1	0	16.34	16.48	16.49	18.00
		1	25	16.42	16.57	16.45	18.00
		1	49	16.46	16.67	16.40	18.00
		25	0	16.39	16.54	16.51	18.00
		25	13	16.46	16.43	16.40	18.00
		25	25	16.34	16.41	16.31	18.00
		50	0	16.48	16.43	16.47	18.00
	64QAM	1	0	16.41	16.44	16.49	18.00
		1	25	16.47	16.49	16.57	18.00
		1	49	16.44	16.51	16.53	18.00
		25	0	16.46	16.41	16.40	18.00
		25	13	16.46	16.52	16.38	18.00
		25	25	16.43	16.44	16.51	18.00
		50	0	16.42	16.40	16.51	18.00
	256QAM	1	0	16.40	16.45	16.55	18.00
		1	25	16.45	16.38	16.43	18.00
		1	49	16.41	16.38	16.43	18.00
		25	0	16.31	16.30	16.50	18.00
		25	13	16.40	16.41	16.56	18.00
		25	25	16.37	16.48	16.43	18.00
		50	0	16.32	16.38	16.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.55	16.34	16.41	18.00
		1	38	16.37	16.50	16.41	18.00
		1	74	16.45	16.39	16.36	18.00
		36	0	16.36	16.37	16.32	18.00
		36	18	16.54	16.50	16.44	18.00
		36	39	16.39	16.54	16.30	18.00
		75	0	16.34	16.38	16.39	18.00
	16QAM	1	0	16.47	16.50	16.53	18.00
		1	38	16.41	16.66	16.40	18.00
		1	74	16.59	16.52	16.44	18.00
		36	0	16.35	16.40	16.50	18.00
		36	18	16.48	16.43	16.26	18.00
		36	39	16.44	16.37	16.32	18.00
		75	0	16.33	16.49	16.52	18.00
	64QAM	1	0	16.55	16.49	16.44	18.00
		1	38	16.44	16.49	16.47	18.00
		1	74	16.39	16.63	16.36	18.00
		36	0	16.51	16.50	16.33	18.00
		36	18	16.36	16.38	16.32	18.00
		36	39	16.56	16.45	16.36	18.00
		75	0	16.44	16.52	16.42	18.00
	256QAM	1	0	16.50	16.46	16.45	18.00
		1	38	16.49	16.46	16.54	18.00
		1	74	16.44	16.49	16.39	18.00
		36	0	16.38	16.34	16.52	18.00
		36	18	16.44	16.48	16.53	18.00
		36	39	16.44	16.36	16.51	18.00
		75	0	16.32	16.41	16.46	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.50	16.37	16.42	18.00
		1	50	16.47	16.52	16.46	18.00
		1	99	16.43	16.48	16.44	18.00
		50	0	16.46	16.50	16.45	18.00
		50	25	16.49	16.53	16.50	18.00
		50	50	16.44	16.49	16.42	18.00
		100	0	16.42	16.47	16.44	18.00
	16QAM	1	0	16.47	16.51	16.54	18.00
		1	50	16.50	16.62	16.53	18.00
		1	99	16.58	16.64	16.42	18.00
		50	0	16.48	16.51	16.47	18.00
		50	25	16.45	16.50	16.39	18.00
		50	50	16.41	16.44	16.43	18.00
		100	0	16.43	16.46	16.50	18.00
	64QAM	1	0	16.50	16.54	16.48	18.00
		1	50	16.53	16.61	16.52	18.00
		1	99	16.49	16.58	16.49	18.00
		50	0	16.50	16.53	16.43	18.00
		50	25	16.43	16.49	16.37	18.00
		50	50	16.51	16.47	16.49	18.00
		100	0	16.44	16.51	16.53	18.00
	256QAM	1	0	16.50	16.52	16.51	18.00
		1	50	16.45	16.48	16.55	18.00
		1	99	16.40	16.46	16.43	18.00
		50	0	16.39	16.43	16.47	18.00
		50	25	16.47	16.54	16.54	18.00
		50	50	16.42	16.45	16.49	18.00
		100	0	16.40	16.45	16.48	18.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.39	15.40	15.51	17.00
		1	2	15.47	15.62	15.51	17.00
		1	5	15.41	15.46	15.55	17.00
		3	0	15.34	15.44	15.40	17.00
		3	2	15.48	15.43	15.46	17.00
		3	3	15.52	15.49	15.41	17.00
		6	0	15.35	15.48	15.47	17.00
	16QAM	1	0	15.35	15.38	15.41	17.00
		1	2	15.38	15.42	15.43	17.00
		1	5	15.30	15.29	15.49	17.00
		3	0	15.43	15.33	15.38	17.00
		3	2	15.43	15.40	15.46	17.00
		3	3	15.37	15.31	15.45	17.00
		6	0	15.20	15.45	15.51	17.00
	64QAM	1	0	15.38	15.46	15.47	17.00
		1	2	15.49	15.43	15.48	17.00

		1	5	15.37	15.42	15.48	17.00
		3	0	15.36	15.39	15.40	17.00
		3	2	15.26	15.39	15.45	17.00
		3	3	15.35	15.34	15.40	17.00
		6	0	15.38	15.43	15.35	17.00
	256QAM	1	0	15.32	15.41	15.49	17.00
		1	2	15.53	15.48	15.45	17.00
		1	5	15.42	15.44	15.51	17.00
		3	0	15.48	15.30	15.44	17.00
		3	2	15.44	15.51	15.56	17.00
		3	3	15.49	15.32	15.37	17.00
		6	0	15.42	15.36	15.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.52	15.54	15.47	17.00
		1	7	15.43	15.51	15.57	17.00
		1	14	15.44	15.44	15.48	17.00
		8	0	15.36	15.47	15.45	17.00
		8	4	15.44	15.42	15.45	17.00
		8	7	15.52	15.47	15.50	17.00
		15	0	15.43	15.43	15.54	17.00
	16QAM	1	0	15.46	15.47	15.50	17.00
		1	7	15.37	15.50	15.42	17.00
		1	14	15.29	15.38	15.37	17.00
		8	0	15.38	15.33	15.38	17.00
		8	4	15.33	15.26	15.52	17.00
		8	7	15.36	15.40	15.33	17.00
		15	0	15.26	15.48	15.44	17.00
	64QAM	1	0	15.50	15.58	15.42	17.00
		1	7	15.45	15.44	15.45	17.00
		1	14	15.45	15.39	15.41	17.00
		8	0	15.50	15.43	15.42	17.00
		8	4	15.36	15.38	15.31	17.00
		8	7	15.41	15.34	15.38	17.00
		15	0	15.43	15.46	15.34	17.00
	256QAM	1	0	15.30	15.42	15.39	17.00
		1	7	15.47	15.38	15.47	17.00
		1	14	15.33	15.47	15.55	17.00
		8	0	15.37	15.33	15.43	17.00
		8	4	15.30	15.35	15.43	17.00
		8	7	15.45	15.39	15.48	17.00
		15	0	15.37	15.42	15.35	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.44	15.49	15.43	17.00
		1	13	15.48	15.63	15.45	17.00
		1	24	15.48	15.56	15.41	17.00
		12	0	15.35	15.57	15.44	17.00
		12	6	15.44	15.45	15.49	17.00
		12	13	15.49	15.59	15.51	17.00
		25	0	15.50	15.45	15.39	17.00

	16QAM	1	0	15.46	15.35	15.49	17.00
		1	13	15.41	15.44	15.49	17.00
		1	24	15.34	15.28	15.51	17.00
		12	0	15.35	15.34	15.43	17.00
		12	6	15.28	15.32	15.36	17.00
		12	13	15.27	15.38	15.30	17.00
		25	0	15.25	15.48	15.42	17.00
	64QAM	1	0	15.49	15.45	15.40	17.00
		1	13	15.42	15.43	15.44	17.00
		1	24	15.32	15.44	15.42	17.00
		12	0	15.50	15.46	15.49	17.00
		12	6	15.27	15.36	15.46	17.00
		12	13	15.40	15.27	15.46	17.00
		25	0	15.36	15.42	15.48	17.00
	256QAM	1	0	15.36	15.41	15.43	17.00
		1	13	15.49	15.45	15.50	17.00
		1	24	15.40	15.49	15.42	17.00
		12	0	15.38	15.33	15.47	17.00
		12	6	15.48	15.48	15.49	17.00
		12	13	15.44	15.43	15.43	17.00
		25	0	15.39	15.39	15.37	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.37	15.48	15.51	17.00
		1	25	15.45	15.61	15.59	17.00
		1	49	15.50	15.56	15.52	17.00
		25	0	15.42	15.56	15.38	17.00
		25	13	15.48	15.52	15.50	17.00
		25	25	15.45	15.53	15.48	17.00
		50	0	15.52	15.52	15.55	17.00
	16QAM	1	0	15.51	15.30	15.47	17.00
		1	25	15.48	15.45	15.35	17.00
		1	49	15.43	15.32	15.44	17.00
		25	0	15.34	15.41	15.47	17.00
		25	13	15.30	15.38	15.52	17.00
		25	25	15.32	15.30	15.40	17.00
		50	0	15.19	15.47	15.54	17.00
	64QAM	1	0	15.44	15.53	15.35	17.00
		1	25	15.45	15.51	15.59	17.00
		1	49	15.30	15.44	15.47	17.00
		25	0	15.42	15.39	15.44	17.00
		25	13	15.40	15.31	15.33	17.00
		25	25	15.50	15.26	15.45	17.00
		50	0	15.31	15.47	15.40	17.00
	256QAM	1	0	15.32	15.52	15.36	17.00
		1	25	15.53	15.45	15.48	17.00
		1	49	15.43	15.45	15.51	17.00
		25	0	15.48	15.41	15.47	17.00
		25	13	15.44	15.35	15.51	17.00
		25	25	15.49	15.31	15.36	17.00
		50	0	15.40	15.34	15.38	17.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	15.47	15.52	15.40	17.00
		1	38	15.51	15.51	15.54	17.00
		1	74	15.42	15.42	15.43	17.00
		36	0	15.41	15.49	15.36	17.00
		36	18	15.48	15.53	15.46	17.00
		36	39	15.47	15.41	15.35	17.00
		75	0	15.51	15.44	15.38	17.00
	16QAM	1	0	15.41	15.35	15.35	17.00
		1	38	15.42	15.45	15.44	17.00
		1	74	15.39	15.34	15.49	17.00
		36	0	15.45	15.46	15.41	17.00
		36	18	15.31	15.34	15.45	17.00
		36	39	15.35	15.39	15.34	17.00
		75	0	15.23	15.49	15.45	17.00
	64QAM	1	0	15.36	15.55	15.41	17.00
		1	38	15.40	15.40	15.50	17.00
		1	74	15.40	15.49	15.39	17.00
		36	0	15.38	15.54	15.47	17.00
		36	18	15.41	15.34	15.37	17.00
		36	39	15.34	15.40	15.54	17.00
		75	0	15.48	15.35	15.32	17.00
	256QAM	1	0	15.33	15.53	15.47	17.00
		1	38	15.46	15.46	15.47	17.00
		1	74	15.37	15.48	15.48	17.00
		36	0	15.52	15.29	15.37	17.00
		36	18	15.41	15.49	15.42	17.00
		36	39	15.36	15.45	15.30	17.00
		75	0	15.38	15.37	15.51	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	15.49	15.53	15.49	17.00
		1	50	15.52	15.60	15.54	17.00
		1	99	15.51	15.52	15.52	17.00
		50	0	15.43	15.52	15.49	17.00
		50	25	15.44	15.50	15.53	17.00
		50	50	15.52	15.54	15.46	17.00
		100	0	15.47	15.51	15.51	17.00
	16QAM	1	0	15.48	15.43	15.48	17.00
		1	50	15.49	15.52	15.44	17.00
		1	99	15.39	15.37	15.49	17.00
		50	0	15.46	15.44	15.42	17.00
		50	25	15.41	15.39	15.47	17.00
		50	50	15.38	15.42	15.43	17.00
		100	0	15.32	15.47	15.50	17.00
	64QAM	1	0	15.49	15.53	15.44	17.00
		1	50	15.46	15.51	15.56	17.00
		1	99	15.42	15.46	15.51	17.00
		50	0	15.49	15.49	15.46	17.00
		50	25	15.38	15.43	15.42	17.00

		50	50	15.47	15.39	15.49	17.00
		100	0	15.44	15.43	15.43	17.00
	256QAM	1	0	15.40	15.53	15.47	17.00
		1	50	15.49	15.51	15.55	17.00
		1	99	15.41	15.47	15.53	17.00
		50	0	15.50	15.42	15.49	17.00
		50	25	15.43	15.48	15.51	17.00
		50	50	15.47	15.40	15.43	17.00
		100	0	15.40	15.47	15.46	17.00

LTE Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	17.53	17.58	17.57	19.00
		1	13	17.51	17.58	17.54	19.00
		1	24	17.53	17.49	17.44	19.00
		12	0	17.42	17.46	17.35	19.00
		12	6	17.49	17.43	17.51	19.00
		12	13	17.48	17.43	17.36	19.00
		25	0	17.47	17.39	17.38	19.00
	16QAM	1	0	17.59	17.56	17.59	19.00
		1	13	17.56	17.58	17.55	19.00
		1	24	17.57	17.56	17.57	19.00
		12	0	17.40	17.45	17.41	19.00
		12	6	17.41	17.44	17.47	19.00
		12	13	17.51	17.35	17.40	19.00
		25	0	17.47	17.44	17.42	19.00
	64QAM	1	0	17.68	17.74	17.72	19.00
		1	13	17.70	17.79	17.70	19.00
		1	24	17.64	17.69	17.67	19.00
		12	0	17.47	17.44	17.43	19.00
		12	6	17.38	17.43	17.44	19.00
		12	13	17.39	17.45	17.44	19.00
		25	0	17.47	17.50	17.40	19.00
	256QAM	1	0	16.22	16.24	16.24	18.00
		1	13	16.31	16.33	16.28	18.00
		1	24	16.27	16.28	16.30	18.00
		12	0	16.18	16.17	16.20	18.00
		12	6	16.21	16.24	16.20	18.00
		12	13	16.09	16.14	16.13	18.00
		25	0	16.14	16.15	16.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	17.57	/	19.00
		1	25	/	17.60	/	19.00
		1	49	/	17.44	/	19.00
		25	0	/	17.45	/	19.00
		25	13	/	17.44	/	19.00
		25	25	/	17.32	/	19.00
		50	0	/	17.42	/	19.00

	16QAM	1	0	/	17.55	/	19.00
		1	25	/	17.56	/	19.00
		1	49	/	17.59	/	19.00
		25	0	/	17.43	/	19.00
		25	13	/	17.42	/	19.00
		25	25	/	17.40	/	19.00
		50	0	/	17.41	/	19.00
	64QAM	1	0	/	17.57	/	19.00
		1	25	/	17.59	/	19.00
		1	49	/	17.52	/	19.00
		25	0	/	17.46	/	19.00
		25	13	/	17.43	/	19.00
		25	25	/	17.33	/	19.00
		50	0	/	17.35	/	19.00
	256QAM	1	0	/	16.30	/	18.00
		1	25	/	16.36	/	18.00
		1	49	/	16.33	/	18.00
		25	0	/	16.35	/	18.00
		25	13	/	16.40	/	18.00
		25	25	/	16.31	/	18.00
		50	0	/	16.38	/	18.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.42	17.27	17.34	19.00
		1	2	17.47	17.41	17.51	19.00
		1	5	17.38	17.46	17.39	19.00
		3	0	17.31	17.48	17.47	19.00
		3	1	17.30	17.44	17.48	19.00
		3	3	17.48	17.52	17.53	19.00
		6	0	17.44	17.30	17.56	19.00
	16QAM	1	0	17.47	17.54	17.55	19.00
		1	2	17.49	17.52	17.49	19.00
		1	5	17.42	17.56	17.45	19.00
		3	0	17.35	17.50	17.39	19.00
		3	1	17.42	17.51	17.40	19.00
		3	3	17.33	17.42	17.31	19.00
		6	0	17.46	17.53	17.40	19.00
	64QAM	1	0	17.47	17.56	17.48	19.00
		1	2	17.37	17.39	17.56	19.00
		1	5	17.45	17.56	17.45	19.00
		3	0	17.45	17.50	17.35	19.00
		3	1	17.42	17.34	17.54	19.00
		3	3	17.44	17.38	17.37	19.00
		6	0	17.44	17.28	17.35	19.00
	256QAM	1	0	17.49	17.40	17.51	19.00
		1	2	17.41	17.52	17.37	19.00
		1	5	17.53	17.47	17.47	19.00
		3	0	17.49	17.38	17.52	19.00

		3	1	17.45	17.45	17.41	19.00
		3	3	17.47	17.51	17.49	19.00
		6	0	17.32	17.42	17.37	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.40	17.38	17.42	19.00
		1	7	17.32	17.47	17.49	19.00
		1	14	17.41	17.48	17.46	19.00
		8	0	17.43	17.38	17.54	19.00
		8	4	17.38	17.39	17.52	19.00
		8	7	17.53	17.48	17.60	19.00
		15	0	17.48	17.30	17.52	19.00
	16QAM	1	0	17.56	17.50	17.58	19.00
		1	7	17.56	17.44	17.51	19.00
		1	14	17.44	17.58	17.43	19.00
		8	0	17.37	17.50	17.39	19.00
		8	4	17.49	17.41	17.43	19.00
		8	7	17.34	17.37	17.41	19.00
		15	0	17.47	17.41	17.37	19.00
	64QAM	1	0	17.32	17.40	17.45	19.00
		1	7	17.36	17.40	17.47	19.00
		1	14	17.43	17.51	17.54	19.00
		8	0	17.35	17.46	17.43	19.00
		8	4	17.31	17.43	17.52	19.00
		8	7	17.41	17.48	17.31	19.00
		15	0	17.43	17.28	17.44	19.00
	256QAM	1	0	17.38	17.39	17.43	19.00
		1	7	17.42	17.50	17.45	19.00
		1	14	17.58	17.52	17.42	19.00
		8	0	17.33	17.32	17.44	19.00
		8	4	17.46	17.51	17.46	19.00
		8	7	17.37	17.37	17.36	19.00
		15	0	17.43	17.39	17.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	17.32	17.24	17.48	19.00
		1	13	17.43	17.43	17.62	19.00
		1	24	17.34	17.43	17.47	19.00
		12	0	17.35	17.39	17.47	19.00
		12	6	17.32	17.48	17.56	19.00
		12	13	17.42	17.41	17.58	19.00
		25	0	17.47	17.29	17.46	19.00
	16QAM	1	0	17.55	17.58	17.53	19.00
		1	13	17.52	17.38	17.42	19.00
		1	24	17.36	17.52	17.55	19.00
		12	0	17.44	17.46	17.47	19.00
		12	6	17.42	17.48	17.54	19.00
		12	13	17.33	17.39	17.34	19.00
		25	0	17.52	17.47	17.38	19.00
	64QAM	1	0	17.35	17.44	17.47	19.00
		1	13	17.50	17.46	17.51	19.00

		1	24	17.43	17.48	17.39	19.00
		12	0	17.45	17.45	17.46	19.00
		12	6	17.42	17.48	17.47	19.00
		12	13	17.49	17.47	17.37	19.00
		25	0	17.35	17.39	17.30	19.00
	256QAM	1	0	17.38	17.50	17.40	19.00
		1	13	17.43	17.45	17.52	19.00
		1	24	17.45	17.45	17.43	19.00
		12	0	17.35	17.43	17.39	19.00
		12	6	17.38	17.51	17.38	19.00
		12	13	17.42	17.40	17.40	19.00
		25	0	17.48	17.34	17.30	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	17.32	17.25	17.43	19.00
		1	25	17.63	17.54	17.56	19.00
		1	49	17.51	17.44	17.40	19.00
		25	0	17.41	17.33	17.51	19.00
		25	13	17.45	17.46	17.60	19.00
		25	25	17.53	17.46	17.52	19.00
		50	0	17.46	17.35	17.56	19.00
	16QAM	1	0	17.39	17.46	17.44	19.00
		1	25	17.43	17.47	17.47	19.00
		1	49	17.46	17.44	17.42	19.00
		25	0	17.51	17.40	17.38	19.00
		25	13	17.48	17.37	17.44	19.00
		25	25	17.44	17.47	17.43	19.00
		50	0	17.40	17.52	17.32	19.00
	64QAM	1	0	17.38	17.56	17.53	19.00
		1	25	17.46	17.41	17.59	19.00
		1	49	17.46	17.49	17.50	19.00
		25	0	17.46	17.42	17.46	19.00
		25	13	17.28	17.39	17.36	19.00
		25	25	17.48	17.45	17.36	19.00
		50	0	17.34	17.37	17.46	19.00
	256QAM	1	0	17.36	17.57	17.51	19.00
		1	25	17.53	17.45	17.42	19.00
		1	49	17.55	17.38	17.42	19.00
		25	0	17.46	17.43	17.45	19.00
		25	13	17.40	17.56	17.43	19.00
		25	25	17.52	17.43	17.33	19.00
		50	0	17.36	17.48	17.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.30	17.37	17.35	19.00
		1	38	17.33	17.49	17.46	19.00
		1	74	17.40	17.44	17.47	19.00
		36	0	17.31	17.41	17.40	19.00
		36	18	17.45	17.46	17.46	19.00
		36	39	17.38	17.58	17.59	19.00
		75	0	17.47	17.42	17.46	19.00

	16QAM	1	0	17.42	17.58	17.47	19.00
		1	38	17.50	17.42	17.58	19.00
		1	74	17.43	17.46	17.49	19.00
		36	0	17.50	17.55	17.45	19.00
		36	18	17.39	17.49	17.52	19.00
		36	39	17.46	17.39	17.28	19.00
		75	0	17.45	17.49	17.41	19.00
	64QAM	1	0	17.38	17.48	17.55	19.00
		1	38	17.47	17.53	17.52	19.00
		1	74	17.53	17.48	17.37	19.00
		36	0	17.47	17.41	17.37	19.00
		36	18	17.29	17.47	17.38	19.00
		36	39	17.49	17.51	17.46	19.00
		75	0	17.39	17.26	17.33	19.00
	256QAM	1	0	17.35	17.57	17.56	19.00
		1	38	17.44	17.52	17.52	19.00
		1	74	17.51	17.41	17.58	19.00
		36	0	17.39	17.39	17.49	19.00
		36	18	17.31	17.58	17.41	19.00
		36	39	17.40	17.49	17.48	19.00
		75	0	17.38	17.35	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.37	17.34	17.44	19.00
		1	50	17.58	17.60	17.55	19.00
		1	99	17.44	17.52	17.46	19.00
		50	0	17.36	17.42	17.49	19.00
		50	25	17.45	17.54	17.50	19.00
		50	50	17.38	17.43	17.47	19.00
		100	0	17.41	17.39	17.53	19.00
	16QAM	1	0	17.48	17.52	17.53	19.00
		1	50	17.49	17.46	17.51	19.00
		1	99	17.42	17.50	17.48	19.00
		50	0	17.44	17.49	17.42	19.00
		50	25	17.46	17.45	17.49	19.00
		50	50	17.41	17.44	17.38	19.00
		100	0	17.49	17.47	17.42	19.00
	64QAM	1	0	17.42	17.49	17.54	19.00
		1	50	17.44	17.48	17.51	19.00
		1	99	17.46	17.50	17.47	19.00
		50	0	17.39	17.43	17.40	19.00
		50	25	17.38	17.42	17.46	19.00
		50	50	17.44	17.46	17.40	19.00
		100	0	17.41	17.32	17.38	19.00
	256QAM	1	0	17.42	17.49	17.48	19.00
		1	50	17.48	17.44	17.45	19.00
		1	99	17.51	17.47	17.52	19.00
		50	0	17.42	17.41	17.46	19.00
		50	25	17.41	17.50	17.48	19.00
		50	50	17.46	17.43	17.41	19.00
		100	0	17.40	17.42	17.38	19.00

LTE Band 41 (Class2)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.63	19.03	19.09	19.01	18.58	20.50
		1	13	18.68	19.09	19.24	19.28	18.97	20.50
		1	24	18.61	18.95	19.14	18.74	18.94	20.50
		12	0	18.64	18.96	19.03	19.04	18.81	20.50
		12	6	18.80	18.95	18.84	19.12	18.86	20.50
		12	13	18.88	18.83	19.16	18.87	18.88	20.50
		25	0	18.75	18.89	19.02	18.99	18.86	20.50
	16QAM	1	0	18.99	19.16	19.06	19.26	18.99	20.50
		1	13	18.81	18.95	19.20	19.23	19.16	20.50
		1	24	18.91	19.15	19.20	19.03	18.89	20.50
		12	0	18.85	19.05	18.89	18.99	18.84	20.50
		12	6	18.69	18.98	18.88	18.90	18.83	20.50
		12	13	18.75	19.04	19.08	18.93	18.80	20.50
		25	0	18.83	19.01	18.96	18.88	18.90	20.50
	64QAM	1	0	18.94	19.23	19.01	19.19	18.90	20.50
		1	13	18.92	19.06	19.16	19.07	18.94	20.50
		1	24	18.77	19.15	19.23	18.90	18.81	20.50
		12	0	18.71	18.95	18.93	18.91	18.82	20.50
		12	6	18.76	18.95	19.09	18.86	18.92	20.50
		12	13	18.68	19.01	19.02	18.82	18.98	20.50
		25	0	18.86	18.92	18.99	19.04	18.93	20.50
	256QAM	1	0	18.76	19.02	19.08	18.94	18.96	20.50
		1	13	18.82	18.89	19.10	18.91	18.79	20.50
		1	24	18.84	18.88	19.12	18.89	18.99	20.50
		12	0	18.72	18.87	18.84	18.91	18.84	20.50
		12	6	18.77	18.94	18.86	18.82	18.92	20.50
		12	13	18.82	18.97	19.07	18.92	18.96	20.50
		25	0	18.88	19.06	18.99	18.96	18.95	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.79	19.17	19.19	18.84	18.50	20.50
		1	25	18.72	18.93	19.25	19.29	18.90	20.50
		1	49	18.68	18.95	19.23	18.77	18.91	20.50
		25	0	18.67	18.84	18.94	18.94	18.73	20.50
		25	13	18.86	18.93	18.84	19.10	18.82	20.50
		25	25	18.84	18.96	19.15	18.84	18.89	20.50
		50	0	18.77	18.90	19.06	19.07	18.82	20.50
	16QAM	1	0	18.99	19.02	19.07	19.25	18.98	20.50
		1	25	18.81	18.91	19.18	19.25	19.11	20.50
		1	49	18.94	19.08	19.20	18.96	18.97	20.50
		25	0	18.80	18.89	19.05	19.01	18.89	20.50
		25	13	18.72	18.85	18.92	18.89	18.86	20.50
		25	25	18.79	18.89	19.00	18.94	18.78	20.50
		50	0	18.85	18.95	19.06	18.92	19.00	20.50
	64QAM	1	0	18.93	19.21	19.06	19.17	18.89	20.50
		1	25	18.91	18.96	19.01	19.00	18.78	20.50
		1	49	18.85	19.11	19.27	18.88	18.88	20.50
		25	0	18.69	18.95	18.97	18.95	18.85	20.50

		25	13	18.79	19.05	19.03	18.98	18.87	20.50
		25	25	18.72	18.90	18.98	18.97	18.85	20.50
		50	0	18.84	19.02	19.04	18.93	18.89	20.50
	256QAM	1	0	18.72	18.97	19.11	18.91	18.95	20.50
		1	25	18.87	18.93	19.07	18.90	18.95	20.50
		1	49	18.81	18.97	19.12	18.89	18.89	20.50
		25	0	18.80	18.99	18.97	18.92	18.80	20.50
		25	13	18.78	19.00	18.91	18.90	18.80	20.50
		25	25	18.77	18.89	18.94	18.86	18.93	20.50
		50	0	18.71	18.99	18.93	18.95	18.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.69	19.10	19.09	18.91	18.53	20.50
		1	38	18.77	19.04	19.34	19.25	18.91	20.50
		1	74	18.67	19.09	19.21	18.73	18.97	20.50
		36	0	18.65	18.85	18.94	18.99	18.81	20.50
		36	18	18.78	18.93	18.89	18.97	18.97	20.50
		36	39	18.80	18.90	19.05	18.89	18.91	20.50
		75	0	18.90	19.01	19.10	18.91	18.92	20.50
	16QAM	1	0	18.93	19.11	19.02	19.27	18.93	20.50
		1	38	18.74	18.98	19.13	19.30	19.20	20.50
		1	74	18.89	19.17	19.25	18.97	18.94	20.50
		36	0	18.81	19.07	18.94	19.06	18.75	20.50
		36	18	18.81	18.86	18.92	19.00	18.93	20.50
		36	39	18.83	18.98	19.08	18.81	18.78	20.50
		75	0	18.71	19.03	19.01	18.81	18.99	20.50
	64QAM	1	0	18.94	19.16	19.01	19.21	18.96	20.50
		1	38	18.91	19.03	19.12	18.90	18.88	20.50
		1	74	18.73	19.05	19.15	18.89	18.95	20.50
		36	0	18.75	19.02	18.87	18.92	18.80	20.50
		36	18	18.81	18.98	18.98	18.96	18.82	20.50
		36	39	18.73	18.93	19.06	18.90	18.81	20.50
		75	0	18.69	19.07	19.05	19.11	18.84	20.50
	256QAM	1	0	18.82	19.08	19.14	18.90	18.99	20.50
		1	38	18.76	18.99	19.04	18.94	18.82	20.50
		1	74	18.72	19.00	19.17	18.96	18.90	20.50
		36	0	18.67	18.83	18.87	18.99	18.86	20.50
		36	18	18.64	18.93	18.96	18.83	18.93	20.50
		36	39	18.86	19.04	18.89	18.98	18.96	20.50
		75	0	18.74	19.07	18.99	18.86	18.82	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.05	19.44	19.45	19.26	18.83	20.50
		1	50	19.02	19.35	19.60	19.55	19.22	20.50
		1	99	19.01	19.37	19.57	19.15	19.31	20.50
		50	0	18.72	18.95	19.06	19.05	18.81	20.50
		50	25	18.88	18.90	18.97	19.10	18.92	20.50
		50	50	18.86	18.95	19.14	18.92	18.95	20.50
		100	0	18.85	18.99	19.05	19.02	18.88	20.50
	16QAM	1	0	18.96	19.15	19.14	19.25	18.96	20.50
		1	50	18.86	19.03	19.20	19.26	19.18	20.50

		1	99	18.91	19.14	19.27	19.05	19.02	20.50
		50	0	18.82	19.02	19.02	19.01	18.88	20.50
		50	25	18.80	18.93	19.01	18.97	18.93	20.50
		50	50	18.88	19.00	19.06	18.91	18.91	20.50
		100	0	18.83	19.07	19.01	18.93	18.95	20.50
	64QAM	1	0	18.95	19.19	19.08	19.17	18.97	20.50
		1	50	18.91	19.08	19.11	19.03	18.89	20.50
		1	99	18.86	19.11	19.28	18.94	18.92	20.50
		50	0	18.74	18.98	18.96	18.94	18.84	20.50
		50	25	18.85	19.03	19.10	18.99	18.87	20.50
		50	50	18.80	18.97	19.04	18.92	18.94	20.50
		100	0	18.82	19.02	19.05	19.06	18.95	20.50
	256QAM	1	0	18.83	19.06	19.09	18.99	18.95	20.50
		1	50	18.87	19.02	19.10	18.97	18.90	20.50
		1	99	18.79	18.95	19.14	18.92	18.94	20.50
		50	0	18.75	18.94	18.96	19.01	18.81	20.50
		50	25	18.77	18.97	18.94	18.89	18.89	20.50
		50	50	18.81	19.00	19.02	18.98	18.92	20.50
		100	0	18.84	19.02	18.97	18.95	18.91	20.50

LTE Band 41 (Class3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.62	18.58	18.85	18.75	18.68	20.50
		1	13	18.56	18.80	18.82	18.86	18.93	20.50
		1	24	18.61	18.77	18.88	18.69	18.73	20.50
		12	0	18.59	18.85	18.95	18.95	18.64	20.50
		12	6	18.68	18.97	18.95	18.88	18.94	20.50
		12	13	18.65	18.83	19.06	18.87	18.94	20.50
		25	0	18.70	18.92	18.89	18.93	18.90	20.50
	16QAM	1	0	18.54	18.82	18.96	18.91	18.84	20.50
		1	13	18.62	18.83	18.93	18.84	18.89	20.50
		1	24	18.73	18.79	18.87	18.77	18.73	20.50
		12	0	18.67	18.73	18.92	18.99	18.77	20.50
		12	6	18.75	18.91	18.88	18.90	18.82	20.50
		12	13	18.83	18.85	18.90	18.85	18.82	20.50
		25	0	18.70	18.90	18.97	18.95	18.82	20.50
	64QAM	1	0	18.65	18.96	18.98	18.79	18.66	20.50
		1	13	18.73	18.91	19.00	18.82	18.80	20.50
		1	24	18.73	18.95	18.97	18.90	18.82	20.50
		12	0	18.58	18.76	18.84	18.88	18.69	20.50
		12	6	18.77	18.97	18.82	18.84	18.85	20.50
		12	13	18.84	18.94	18.93	18.85	18.89	20.50
		25	0	18.79	18.97	18.83	18.82	18.87	20.50
	256QAM	1	0	17.66	17.93	17.89	17.77	17.62	19.50
		1	13	17.68	17.82	17.98	17.81	17.81	19.50
		1	24	17.71	17.93	18.01	17.68	17.92	19.50
		12	0	17.71	17.93	17.80	17.93	17.66	19.50
		12	6	17.74	17.89	17.99	17.83	17.72	19.50
		12	13	17.74	17.82	17.89	17.95	17.78	19.50
		25	0	17.69	17.78	17.82	17.79	17.84	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.63	18.53	18.87	18.78	18.63	20.50
		1	25	18.50	18.83	18.87	18.90	18.93	20.50
		1	49	18.51	18.76	18.95	18.70	18.89	20.50
		25	0	18.64	18.77	18.79	18.94	18.67	20.50
		25	13	18.77	18.96	19.01	18.84	18.94	20.50
		25	25	18.82	18.86	18.94	18.73	18.89	20.50
	16QAM	50	0	18.75	18.86	18.95	18.97	18.85	20.50
		1	0	18.69	18.85	18.95	18.89	18.93	20.50
		1	25	18.79	18.71	18.80	18.85	18.92	20.50
		1	49	18.61	18.63	18.92	18.77	18.67	20.50
		25	0	18.68	18.77	18.93	18.97	18.65	20.50
		25	13	18.73	18.79	18.93	18.87	18.91	20.50
	64QAM	25	25	18.92	18.94	18.85	18.80	18.82	20.50
		50	0	18.85	18.97	18.97	18.97	18.69	20.50
		1	0	18.55	18.92	18.97	18.89	18.58	20.50
		1	25	18.73	18.77	18.87	18.92	18.81	20.50
		1	49	18.71	18.96	18.85	18.77	18.80	20.50
		25	0	18.56	18.84	18.89	18.92	18.68	20.50
	256QAM	25	13	18.87	18.92	18.94	18.82	18.97	20.50
		25	25	18.89	18.95	19.04	18.95	18.86	20.50
		50	0	18.85	19.03	18.82	18.80	18.93	20.50
		1	0	17.55	17.80	17.78	17.81	17.65	19.50
		1	25	17.68	17.89	17.86	17.84	17.83	19.50
		1	49	17.80	17.89	18.02	17.68	17.77	19.50
15MHz	QPSK	25	0	17.69	17.90	17.95	17.90	17.71	19.50
		25	13	17.76	17.91	17.89	17.96	17.69	19.50
		25	25	17.75	17.94	17.93	18.02	17.76	19.50
		50	0	17.73	17.79	17.98	17.87	17.76	19.50
	16QAM	1	0	18.66	18.51	18.85	18.81	18.73	20.50
		1	38	18.59	18.80	18.88	18.94	18.90	20.50
		1	74	18.54	18.67	18.98	18.59	18.72	20.50
		36	0	18.60	18.83	18.92	18.98	18.72	20.50
		36	18	18.73	18.87	18.99	18.98	18.90	20.50
		36	39	18.82	18.88	18.97	18.78	18.94	20.50
	64QAM	75	0	18.67	18.90	18.86	18.92	18.85	20.50
		1	0	18.55	18.94	18.92	18.81	18.87	20.50
		1	38	18.71	18.80	18.98	18.97	18.78	20.50
		1	74	18.74	18.74	18.93	18.74	18.74	20.50
		36	0	18.59	18.75	18.90	18.99	18.74	20.50
		36	18	18.70	18.90	18.92	18.73	18.89	20.50
15MHz	QPSK	36	39	18.85	18.95	18.95	18.89	18.72	20.50
		75	0	18.69	18.87	19.02	18.92	18.85	20.50
		1	0	18.57	18.80	19.03	18.85	18.61	20.50
		1	38	18.62	18.94	18.95	18.92	18.73	20.50
		1	74	18.75	18.96	18.87	18.76	18.77	20.50
	16QAM	36	0	18.60	18.84	18.88	19.01	18.76	20.50
		36	18	18.85	18.94	18.95	18.84	19.00	20.50
		1	0	18.66	18.51	18.85	18.81	18.73	20.50
		1	38	18.59	18.80	18.88	18.94	18.90	20.50
		1	74	18.54	18.67	18.98	18.59	18.72	20.50

		36	39	18.78	18.90	19.00	18.85	18.85	20.50
		75	0	18.89	19.03	18.96	18.89	18.75	20.50
	256QAM	1	0	17.56	17.80	17.81	17.83	17.54	19.50
		1	38	17.72	17.88	17.98	17.88	17.81	19.50
		1	74	17.74	17.84	18.00	17.80	17.77	19.50
		36	0	17.75	17.81	17.87	17.83	17.81	19.50
		36	18	17.79	17.88	17.92	17.79	17.83	19.50
		36	39	17.89	17.80	17.98	17.85	17.74	19.50
		75	0	17.82	17.90	18.00	17.93	17.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.62	18.61	18.92	18.83	18.69	20.50
		1	50	18.92	18.91	19.03	18.96	18.88	20.50
		1	99	18.51	18.72	18.95	18.55	18.85	20.50
		50	0	18.64	18.87	18.91	18.94	18.74	20.50
		50	25	18.80	18.92	18.96	18.95	18.94	20.50
		50	50	18.77	18.91	19.01	18.86	18.91	20.50
		100	0	18.76	18.93	18.94	18.95	18.86	20.50
	16QAM	1	0	18.65	18.95	18.96	18.92	18.91	20.50
		1	50	18.75	18.80	18.93	18.95	18.89	20.50
		1	99	18.72	18.74	18.95	18.83	18.78	20.50
		50	0	18.67	18.85	18.91	18.95	18.77	20.50
		50	25	18.76	18.86	18.89	18.86	18.91	20.50
		50	50	18.89	18.93	18.96	18.91	18.85	20.50
		100	0	18.82	18.95	18.97	18.94	18.81	20.50
	64QAM	1	0	18.64	18.92	19.00	18.90	18.70	20.50
		1	50	18.73	18.89	18.97	18.89	18.79	20.50
		1	99	18.81	18.97	18.94	18.85	18.83	20.50
		50	0	18.61	18.86	18.87	18.96	18.71	20.50
		50	25	18.88	18.93	18.90	18.93	18.96	20.50
		50	50	18.91	18.99	19.02	18.95	18.92	20.50
		100	0	18.85	19.00	18.92	18.86	18.88	20.50
	256QAM	1	0	17.63	17.92	17.86	17.87	17.62	19.50
		1	50	17.80	17.86	17.93	17.86	17.83	19.50
		1	99	17.83	17.95	18.04	17.81	17.88	19.50
		50	0	17.72	17.94	17.92	17.96	17.78	19.50
		50	25	17.79	17.92	17.97	17.92	17.79	19.50
		50	50	17.86	17.90	17.95	17.97	17.82	19.50
		100	0	17.81	17.86	17.95	17.90	17.86	19.50

LTE Band 48				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55748	56232	56715	
5MHz	QPSK	1	0	14.47	14.44	14.44	14.60	16.00
		1	13	14.50	14.54	14.21	14.76	16.00
		1	24	14.80	14.84	14.32	14.69	16.00
		12	0	14.45	14.51	14.28	14.43	16.00
		12	6	14.31	14.47	14.38	14.49	16.00
		12	13	14.25	14.53	14.37	14.52	16.00
		25	0	14.26	14.45	14.43	14.53	16.00

	16QAM	1	0	14.35	14.40	14.35	14.47	16.00
		1	13	14.29	14.39	14.39	14.52	16.00
		1	24	14.45	14.35	14.41	14.44	16.00
		12	0	14.35	14.31	14.32	14.42	16.00
		12	6	14.44	14.47	14.41	14.50	16.00
		12	13	14.35	14.45	14.44	14.57	16.00
		25	0	14.31	14.38	14.36	14.54	16.00
	64QAM	1	0	14.37	14.43	14.41	14.54	16.00
		1	13	14.40	14.56	14.43	14.46	16.00
		1	24	14.43	14.52	14.40	14.44	16.00
		12	0	14.39	14.46	14.48	14.49	16.00
		12	6	14.51	14.45	14.47	14.46	16.00
		12	13	14.43	14.47	14.60	14.58	16.00
		25	0	14.47	14.38	14.51	14.56	16.00
	256QAM	1	0	14.26	14.40	14.35	14.43	16.00
		1	13	14.40	14.36	14.44	14.50	16.00
		1	24	14.42	14.47	14.39	14.48	16.00
		12	0	14.28	14.36	14.38	14.51	16.00
		12	6	14.43	14.35	14.39	14.56	16.00
		12	13	14.39	14.37	14.38	14.51	16.00
		25	0	14.29	14.39	14.45	14.49	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55290	55757	56223	56690	
10MHz	QPSK	1	0	14.56	14.48	14.32	14.57	16.00
		1	25	14.53	14.65	14.25	14.66	16.00
		1	49	14.64	14.89	14.26	14.80	16.00
		25	0	14.31	14.43	14.36	14.48	16.00
		25	13	14.25	14.44	14.53	14.50	16.00
		25	25	14.35	14.42	14.43	14.53	16.00
		50	0	14.34	14.44	14.57	14.51	16.00
	16QAM	1	0	14.42	14.42	14.31	14.47	16.00
		1	25	14.43	14.41	14.40	14.52	16.00
		1	49	14.35	14.43	14.26	14.45	16.00
		25	0	14.25	14.43	14.41	14.46	16.00
		25	13	14.33	14.51	14.45	14.53	16.00
		25	25	14.37	14.56	14.39	14.61	16.00
		50	0	14.25	14.39	14.40	14.58	16.00
	64QAM	1	0	14.38	14.34	14.48	14.55	16.00
		1	25	14.39	14.45	14.53	14.49	16.00
		1	49	14.32	14.39	14.42	14.45	16.00
		25	0	14.33	14.39	14.38	14.51	16.00
		25	13	14.41	14.40	14.45	14.49	16.00
		25	25	14.29	14.43	14.49	14.59	16.00
		50	0	14.42	14.42	14.48	14.54	16.00
	256QAM	1	0	14.28	14.34	14.38	14.46	16.00
		1	25	14.34	14.43	14.37	14.51	16.00
		1	49	14.37	14.37	14.40	14.46	16.00
		25	0	14.33	14.48	14.39	14.48	16.00
		25	13	14.46	14.48	14.37	14.57	16.00
		25	25	14.30	14.44	14.49	14.49	16.00
		50	0	14.42	14.41	14.42	14.48	16.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55765	56215	56665	
15MHz	QPSK	1	0	14.58	14.50	14.48	14.62	16.00
		1	38	14.66	14.59	14.31	14.69	16.00
		1	74	14.76	14.87	14.34	14.73	16.00
		36	0	14.46	14.45	14.33	14.47	16.00
		36	18	14.29	14.38	14.49	14.51	16.00
		36	39	14.35	14.54	14.44	14.56	16.00
		75	0	14.22	14.39	14.39	14.48	16.00
	16QAM	1	0	14.45	14.52	14.27	14.50	16.00
		1	38	14.36	14.46	14.38	14.53	16.00
		1	74	14.32	14.40	14.36	14.47	16.00
		36	0	14.30	14.42	14.32	14.45	16.00
		36	18	14.49	14.42	14.34	14.51	16.00
		36	39	14.45	14.56	14.41	14.61	16.00
		75	0	14.37	14.32	14.38	14.55	16.00
	64QAM	1	0	14.35	14.30	14.41	14.52	16.00
		1	38	14.26	14.47	14.52	14.51	16.00
		1	74	14.46	14.49	14.40	14.46	16.00
		36	0	14.38	14.46	14.53	14.53	16.00
		36	18	14.48	14.40	14.44	14.45	16.00
		36	39	14.34	14.54	14.55	14.59	16.00
		75	0	14.30	14.49	14.36	14.56	16.00
	256QAM	1	0	14.36	14.24	14.36	14.47	16.00
		1	38	14.44	14.45	14.48	14.54	16.00
		1	74	14.40	14.46	14.26	14.47	16.00
		36	0	14.23	14.45	14.28	14.50	16.00
		36	18	14.43	14.48	14.40	14.54	16.00
		36	39	14.27	14.45	14.49	14.49	16.00
		75	0	14.45	14.32	14.52	14.47	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55773	56207	56640	
20MHz	QPSK	1	0	14.55	14.55	14.45	14.54	16.00
		1	50	14.75	14.80	14.33	14.82	16.00
		1	99	14.62	14.66	14.32	14.81	16.00
		50	0	14.41	14.47	14.37	14.40	16.00
		50	25	14.33	14.48	14.48	14.50	16.00
		50	50	14.36	14.52	14.45	14.48	16.00
		100	0	14.33	14.45	14.52	14.45	16.00
	16QAM	1	0	14.43	14.48	14.33	14.43	16.00
		1	50	14.39	14.47	14.49	14.46	16.00
		1	99	14.42	14.44	14.39	14.39	16.00
		50	0	14.31	14.42	14.40	14.38	16.00
		50	25	14.45	14.49	14.45	14.46	16.00
		50	50	14.47	14.52	14.51	14.53	16.00
		100	0	14.38	14.45	14.48	14.50	16.00
	64QAM	1	0	14.37	14.39	14.44	14.47	16.00
		1	50	14.38	14.55	14.52	14.43	16.00
		1	99	14.44	14.49	14.46	14.39	16.00
		50	0	14.42	14.45	14.48	14.45	16.00
		50	25	14.46	14.52	14.48	14.42	16.00

		50	50	14.40	14.51	14.55	14.51	16.00
		100	0	14.42	14.44	14.49	14.49	16.00
	256QAM	1	0	14.31	14.35	14.37	14.40	16.00
		1	50	14.39	14.49	14.47	14.46	16.00
		1	99	14.42	14.43	14.39	14.42	16.00
		50	0	14.35	14.43	14.41	14.45	16.00
		50	25	14.41	14.48	14.45	14.51	16.00
		50	50	14.38	14.40	14.48	14.43	16.00
		100	0	14.42	14.38	14.49	14.44	16.00

3. LTE(Ant3)

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.01	23.04	23.04	24.50
		1	2	23.12	23.11	23.08	24.50
		1	5	23.11	23.10	23.03	24.50
		3	0	22.04	22.16	22.04	23.50
		3	2	22.19	22.20	22.20	23.50
		3	3	22.18	22.17	22.28	23.50
		6	0	22.18	22.10	22.14	23.50
	16QAM	1	0	22.43	22.46	22.41	23.50
		1	2	22.44	22.48	22.43	23.50
		1	5	22.37	22.45	22.41	23.50
		3	0	21.23	21.24	21.25	22.50
		3	2	21.24	21.26	21.27	22.50
		3	3	21.35	21.38	21.34	22.50
		6	0	21.17	21.17	21.19	22.50
	64QAM	1	0	21.43	21.46	21.40	22.50
		1	2	21.47	21.47	21.50	22.50
		1	5	21.44	21.44	21.41	22.50
		3	0	20.23	20.24	20.21	21.50
		3	2	20.21	20.26	20.25	21.50
		3	3	20.21	20.22	20.15	21.50
		6	0	20.15	20.15	20.11	21.50
	256QAM	1	0	18.30	18.47	18.38	19.50
		1	2	18.31	18.37	18.41	19.50
		1	5	18.36	18.41	18.42	19.50
		3	0	18.36	18.32	18.26	19.50
		3	2	18.50	18.40	18.40	19.50
		3	3	18.26	18.33	18.38	19.50
		6	0	18.28	18.38	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.03	23.05	23.02	24.50
		1	7	23.10	23.09	23.11	24.50
		1	14	23.07	23.09	23.01	24.50
		8	0	22.05	22.19	22.04	23.50
		8	4	22.18	22.21	22.21	23.50
		8	7	22.15	22.18	22.28	23.50
		15	0	22.18	22.09	22.11	23.50

	16QAM	1	0	22.41	22.46	22.42	23.50
		1	7	22.43	22.50	22.44	23.50
		1	14	22.38	22.44	22.39	23.50
		8	0	21.24	21.25	21.26	22.50
		8	4	21.25	21.26	21.29	22.50
		8	7	21.36	21.37	21.35	22.50
		15	0	21.14	21.20	21.19	22.50
	64QAM	1	0	21.41	21.47	21.43	22.50
		1	7	21.45	21.48	21.48	22.50
		1	14	21.43	21.45	21.39	22.50
		8	0	20.20	20.25	20.22	21.50
		8	4	20.21	20.27	20.25	21.50
		8	7	20.21	20.20	20.17	21.50
		15	0	20.14	20.15	20.11	21.50
	256QAM	1	0	18.21	18.39	18.40	19.50
		1	7	18.37	18.44	18.39	19.50
		1	14	18.34	18.36	18.45	19.50
		8	0	18.30	18.47	18.39	19.50
		8	4	18.42	18.29	18.33	19.50
		8	7	18.27	18.44	18.39	19.50
		15	0	18.31	18.35	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.01	23.05	23.01	24.50
		1	13	23.09	23.13	23.10	24.50
		1	24	23.08	23.09	23.00	24.50
		12	0	22.07	22.19	22.07	23.50
		12	6	22.17	22.22	22.20	23.50
		12	13	22.19	22.18	22.24	23.50
		25	0	22.17	22.11	22.13	23.50
	16QAM	1	0	22.43	22.45	22.40	23.50
		1	13	22.43	22.47	22.43	23.50
		1	24	22.40	22.45	22.42	23.50
		12	0	21.22	21.25	21.27	22.50
		12	6	21.25	21.26	21.29	22.50
		12	13	21.33	21.37	21.34	22.50
		25	0	21.17	21.18	21.18	22.50
	64QAM	1	0	21.43	21.44	21.39	22.50
		1	13	21.45	21.51	21.48	22.50
		1	24	21.44	21.44	21.41	22.50
		12	0	20.22	20.22	20.22	21.50
		12	6	20.19	20.26	20.23	21.50
		12	13	20.20	20.21	20.15	21.50
		25	0	20.11	20.16	20.12	21.50
	256QAM	1	0	18.36	18.43	18.50	19.50
		1	13	18.31	18.48	18.37	19.50
		1	24	18.34	18.42	18.47	19.50
		12	0	18.26	18.37	18.25	19.50
		12	6	18.51	18.40	18.47	19.50
		12	13	18.22	18.28	18.52	19.50
		25	0	18.23	18.36	18.23	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.06	23.10	23.07	24.50
		1	25	23.14	23.25	23.13	24.50
		1	49	23.13	23.12	23.05	24.50
		25	0	22.10	22.21	22.10	23.50
		25	13	22.23	22.25	22.23	23.50
		25	25	22.21	22.23	22.30	23.50
	16QAM	50	0	22.20	22.15	22.17	23.50
		1	0	22.47	22.50	22.46	23.50
		1	25	22.48	22.53	22.48	23.50
		1	49	22.43	22.48	22.45	23.50
		25	0	21.26	21.30	21.29	22.50
		25	13	21.28	21.32	21.31	22.50
	64QAM	25	25	21.39	21.40	21.39	22.50
		50	0	21.20	21.23	21.22	22.50
		1	0	21.46	21.50	21.45	22.50
		1	25	21.51	21.53	21.52	22.50
		1	49	21.48	21.48	21.43	22.50
		25	0	20.26	20.28	20.26	21.50
	256QAM	25	13	20.25	20.30	20.29	21.50
		25	25	20.23	20.26	20.21	21.50
		50	0	20.17	20.20	20.15	21.50
		1	0	18.33	18.42	18.46	19.50
		1	25	18.42	18.47	18.40	19.50
		1	49	18.40	18.49	18.44	19.50
	256QAM	25	0	18.39	18.44	18.37	19.50
		25	13	18.46	18.38	18.45	19.50
		25	25	18.35	18.41	18.49	19.50
		50	0	18.33	18.40	18.33	19.50

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.22	23.26	23.22	24.50
		1	13	23.21	23.27	23.22	24.50
		1	24	23.02	23.06	23.01	24.50
		12	0	22.05	22.11	22.09	23.50
		12	6	22.12	22.18	22.14	23.50
		12	13	22.05	22.08	22.04	23.50
	16QAM	25	0	22.08	22.14	22.09	23.50
		1	0	22.39	22.45	22.39	23.50
		1	13	22.47	22.49	22.43	23.50
		1	24	22.41	22.45	22.42	23.50
		12	0	21.14	21.20	21.17	22.50
		12	6	21.06	21.12	21.09	22.50
	64QAM	12	13	21.05	21.11	21.09	22.50
		25	0	21.11	21.16	21.10	22.50
		1	0	21.43	21.49	21.46	22.50
		1	13	21.49	21.51	21.47	22.50

		1	24	21.34	21.40	21.36	22.50
		12	0	20.13	20.18	20.15	21.50
		12	6	20.17	20.21	20.17	21.50
		12	13	20.10	20.13	20.07	21.50
		25	0	20.19	20.24	20.19	21.50
	256QAM	1	0	18.26	18.27	18.29	19.50
		1	13	18.34	18.39	18.46	19.50
		1	24	18.41	18.32	18.35	19.50
		12	0	18.25	18.22	18.18	19.50
		12	6	18.37	18.31	18.38	19.50
		12	13	18.22	18.22	18.33	19.50
		25	0	18.36	18.40	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.37	/	24.50
		1	25	/	23.41	/	24.50
		1	49	/	23.21	/	24.50
		25	0	/	22.17	/	23.50
		25	13	/	22.23	/	23.50
		25	25	/	22.10	/	23.50
		50	0	/	22.20	/	23.50
	16QAM	1	0	/	22.51	/	23.50
		1	25	/	22.55	/	23.50
		1	49	/	22.51	/	23.50
		25	0	/	21.23	/	22.50
		25	13	/	21.17	/	22.50
		25	25	/	21.13	/	22.50
		50	0	/	21.21	/	22.50
	64QAM	1	0	/	21.52	/	22.50
		1	25	/	21.55	/	22.50
		1	49	/	21.45	/	22.50
		25	0	/	20.20	/	21.50
		25	13	/	20.25	/	21.50
		25	25	/	20.16	/	21.50
		50	0	/	20.26	/	21.50
	256QAM	1	0	/	18.31	/	19.50
		1	25	/	18.41	/	19.50
		1	49	/	18.42	/	19.50
		25	0	/	18.30	/	19.50
		25	13	/	18.34	/	19.50
		25	25	/	18.33	/	19.50
		50	0	/	18.36	/	19.50

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.00	23.01	22.99	24.50
		1	13	23.01	23.09	23.05	24.50
		1	24	22.96	23.02	22.96	24.50
		12	0	22.00	22.03	21.98	23.50

		12	6	21.98	22.05	22.03	23.50
		12	13	21.95	22.03	21.94	23.50
		25	0	21.98	22.02	21.98	23.50
	16QAM	1	0	22.29	22.32	22.29	23.50
		1	13	22.19	22.26	22.20	23.50
		1	24	22.05	22.11	22.07	23.50
		12	0	21.02	21.04	21.04	22.50
		12	6	21.08	21.10	21.05	22.50
		12	13	21.01	21.06	21.04	22.50
		25	0	21.06	21.10	21.03	22.50
	64QAM	1	0	21.11	21.16	21.16	22.50
		1	13	21.04	21.10	21.07	22.50
		1	24	21.04	21.10	21.08	22.50
		12	0	19.96	19.99	19.97	21.50
		12	6	19.96	20.02	20.00	21.50
		12	13	19.91	19.98	19.91	21.50
		25	0	19.89	19.97	19.97	21.50
	256QAM	1	0	17.88	18.03	18.07	19.50
		1	13	18.03	18.01	17.89	19.50
		1	24	18.07	18.15	18.05	19.50
		12	0	17.89	17.92	17.82	19.50
		12	6	17.80	17.85	17.90	19.50
		12	13	17.85	18.01	17.89	19.50
		25	0	17.86	17.91	17.83	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			133172	133297	133422	
		1	0	22.98	23.01	22.99	24.50
		1	25	22.99	23.08	23.05	24.50
		1	49	22.92	22.99	22.93	24.50
		25	0	21.96	22.01	21.97	23.50
		25	13	21.99	22.08	22.00	23.50
		25	25	21.96	22.02	21.97	23.50
		50	0	21.97	22.02	22.01	23.50
	16QAM	1	0	22.27	22.29	22.29	23.50
		1	25	22.19	22.22	22.22	23.50
		1	49	22.07	22.09	22.03	23.50
		25	0	21.01	21.04	21.02	22.50
		25	13	21.07	21.10	21.08	22.50
		25	25	21.03	21.08	21.02	22.50
		50	0	21.02	21.10	21.02	22.50
	64QAM	1	0	21.15	21.16	21.14	22.50
		1	25	21.07	21.14	21.10	22.50
		1	49	21.04	21.08	21.07	22.50
		25	0	19.96	20.00	19.96	21.50
		25	13	19.97	20.02	19.97	21.50
		25	25	19.90	20.00	19.91	21.50
		50	0	19.89	19.96	19.96	21.50
	256QAM	1	0	18.01	18.07	18.01	19.50
		1	25	18.05	17.95	17.97	19.50
		1	49	18.04	18.03	18.09	19.50
		25	0	17.88	17.93	17.90	19.50

		25	13	17.87	17.86	17.97	19.50
		25	25	17.91	18.03	17.88	19.50
		50	0	17.85	17.98	17.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	22.99	23.03	22.99	24.50
		1	38	23.01	23.07	23.02	24.50
		1	74	22.95	23.01	22.96	24.50
		36	0	21.97	22.04	21.97	23.50
		36	18	21.99	22.04	22.00	23.50
		36	39	21.95	22.00	21.94	23.50
		75	0	21.99	22.03	21.98	23.50
	16QAM	1	0	22.29	22.28	22.27	23.50
		1	38	22.23	22.26	22.20	23.50
		1	74	22.07	22.11	22.07	23.50
		36	0	21.00	21.08	21.01	22.50
		36	18	21.09	21.08	21.09	22.50
		36	39	21.00	21.06	21.01	22.50
		75	0	21.03	21.07	21.04	22.50
	64QAM	1	0	21.13	21.17	21.17	22.50
		1	38	21.05	21.10	21.09	22.50
		1	74	21.01	21.09	21.05	22.50
		36	0	19.98	20.02	19.99	21.50
		36	18	19.94	19.99	20.00	21.50
		36	39	19.91	20.00	19.90	21.50
		75	0	19.90	19.97	19.94	21.50
	256QAM	1	0	17.90	17.93	18.03	19.50
		1	38	17.97	18.02	17.94	19.50
		1	74	17.99	18.15	18.00	19.50
		36	0	17.87	17.97	17.75	19.50
		36	18	17.77	17.90	17.83	19.50
		36	39	17.91	17.96	17.98	19.50
		75	0	17.98	18.05	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	23.03	23.05	23.01	24.50
		1	50	23.05	23.11	23.08	24.50
		1	99	22.98	23.04	22.98	24.50
		50	0	22.02	22.07	22.01	23.50
		50	25	22.04	22.10	22.05	23.50
		50	50	22.01	22.05	22.00	23.50
		100	0	22.02	22.06	22.04	23.50
	16QAM	1	0	22.31	22.34	22.32	23.50
		1	50	22.25	22.28	22.26	23.50
		1	99	22.11	22.15	22.09	23.50
		50	0	21.06	21.10	21.06	22.50
		50	25	21.12	21.14	21.11	22.50
		50	50	21.06	21.11	21.07	22.50
		100	0	21.08	21.12	21.07	22.50
	64QAM	1	0	21.17	21.22	21.19	22.50
		1	50	21.10	21.16	21.13	22.50

		1	99	21.07	21.13	21.11	22.50
		50	0	20.00	20.04	20.02	21.50
		50	25	20.00	20.05	20.03	21.50
		50	50	19.96	20.02	19.96	21.50
		100	0	19.95	20.01	19.99	21.50
	256QAM	1	0	18.00	18.05	18.03	19.50
		1	50	18.02	18.06	17.95	19.50
		1	99	18.10	18.11	18.05	19.50
		50	0	17.92	17.96	17.86	19.50
		50	25	17.88	17.94	17.93	19.50
		50	50	17.91	17.98	18.00	19.50
		100	0	17.95	18.03	17.94	19.50

4. NR(Ant0) Sensor Off

N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.96	22.99	22.94	24.50
		1	53	23.03	23.06	22.98	24.50
		1	104	22.90	22.95	22.91	24.50
		50	0	21.90	21.95	21.83	23.50
		50	28	22.86	22.94	22.86	24.50
		50	56	21.85	21.93	21.89	23.50
		100	0	21.82	21.88	21.79	23.50
	DFT-s-OFDM QPSK	1	1	23.05	23.08	23.01	24.50
		1	53	23.08	23.12	23.04	24.50
		1	104	22.95	23.02	22.96	24.50
		50	0	21.95	22.00	21.91	23.50
		50	28	22.91	23.00	22.94	24.50
		50	56	21.93	22.00	21.95	23.50
		100	0	21.90	21.95	21.86	23.50
	DFT-s-OFDM 16QAM	1	1	21.86	21.95	21.95	23.50
	DFT-s-OFDM 64QAM	1	1	20.78	20.80	20.75	22.00
	DFT-s-OFDM 256QAM	1	1	18.63	18.63	18.48	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	CP-OFDM QPSK	1	1	372000	376000	380000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376000	380500	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM OPSK	1	1	370500	376000	381500	24.50

N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.87	22.81	22.77	24.50
		1	108	22.83	22.78	22.72	24.50
		1	214	22.81	22.79	22.78	24.50
		108	0	21.80	21.77	21.75	23.50
		108	54	22.80	22.77	22.77	24.50
		108	108	21.79	21.73	21.74	23.50
		216	0	21.84	21.77	21.78	23.50
	DFT-s-OFDM QPSK	1	1	22.94	22.95	22.85	24.50
		1	108	22.88	22.85	22.80	24.50
		1	214	22.90	22.86	22.82	24.50
		108	0	21.86	21.82	21.80	23.50
		108	54	22.87	22.88	22.82	24.50
		108	108	21.85	21.82	21.80	23.50
		216	0	21.90	21.86	21.85	23.50
	DFT-s-OFDM 16QAM	1	1	22.17	22.10	22.06	23.50
	DFT-s-OFDM 64QAM	1	1	20.60	20.56	20.54	22.00
	DFT-s-OFDM 256QAM	1	1	18.50	18.44	18.36	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	22.91	22.76	22.83	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.81	22.75	22.83	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	22.91	22.84	22.80	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	22.91	22.85	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	22.85	22.85	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	22.92	22.77	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	22.92	22.76	22.80	24.50

N30				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.82	/	23.00
		1	26	/	21.89	/	23.00
		1	50	/	21.80	/	23.00
		25	0	/	21.83	/	23.00
		25	14	/	21.83	/	23.00
		25	27	/	21.52	/	23.00
		50	0	/	21.77	/	23.00
	DFT-s-OFDM QPSK	1	1	/	21.88	/	23.00
		1	26	/	21.94	/	23.00
		1	50	/	21.86	/	23.00
		25	0	/	21.90	/	23.00
		25	14	/	21.92	/	23.00
		25	27	/	21.60	/	23.00
		50	0	/	21.86	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	21.85	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.78	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	17.86	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1	/	21.85	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz	DFT-s-OFDM QPSK	1	1	21.82	21.84	21.80	23.00

N41 Class2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.51	25.52	25.61	25.57	25.54	27.50
		1	137	25.68	25.67	25.73	25.66	25.67	27.50
		1	271	25.60	25.56	25.69	25.51	25.60	27.50
		135	0	23.83	23.78	23.93	23.73	23.85	25.50
		135	69	25.54	25.56	25.63	25.60	25.50	27.50
		135	138	24.11	24.00	24.13	24.02	24.09	25.50
	DFT-s-OFDM QPSK	270	0	23.97	23.96	24.07	23.92	24.00	25.50
		1	1	25.56	25.50	25.64	25.52	25.58	27.50
		1	137	25.71	25.70	25.80	25.69	25.71	27.50
		1	271	25.66	25.58	25.71	25.55	25.65	27.50
		135	0	23.90	23.82	23.97	23.81	23.91	25.50
		135	69	25.58	25.54	25.65	25.55	25.58	27.50
		135	138	24.13	24.06	24.19	24.07	24.13	25.50
		270	0	24.03	23.99	24.12	23.99	24.05	25.50
	DFT-s-OFDM 16QAM	1	1	24.62	24.53	24.71	24.61	24.63	26.00

	DFT-s-OFDM 64QAM	1	1	23.14	23.05	23.21	23.07	23.14	25.00
	DFT-s-OFDM 256QAM	1	1	20.92	20.85	20.99	20.85	20.91	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	25.54	25.50	25.59	25.51	25.51	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.50	25.53	25.62	25.58	25.51	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	25.51	25.53	25.56	25.55	25.56	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512400	518598	524796	531000	
70MHz	DFT-s-OFDM QPSK	1	1	25.59	25.62	25.66	25.64	25.55	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.58	25.57	25.56	25.54	25.55	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.52	25.55	25.58	25.50	25.56	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.53	25.52	25.61	25.55	25.55	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.54	25.53	25.56	25.53	25.50	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.54	25.50	25.57	25.54	25.54	27.50

N41 Class3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.69	22.64	22.78	22.65	22.74	24.50
		1	137	22.88	22.79	22.96	22.77	22.88	24.50
		1	271	22.79	22.71	22.87	22.75	22.84	24.50
		135	0	22.72	22.69	22.79	22.67	22.71	24.50
		135	69	22.89	22.77	22.94	22.79	22.89	24.50
		135	138	22.78	22.73	22.85	22.72	22.81	24.50
	270	0	22.75	22.63	22.76	22.66	22.71	24.50	
	DFT-s-OFDM QPSK	1	1	22.74	22.68	22.82	22.68	22.77	24.50
		1	137	22.94	22.84	23.01	22.85	22.94	24.50
		1	271	22.87	22.79	22.95	22.82	22.89	24.50

		135	0	22.79	22.76	22.86	22.72	22.79	24.50
		135	69	22.93	22.85	22.98	22.87	22.92	24.50
		135	138	22.85	22.79	22.91	22.76	22.83	24.50
		270	0	22.77	22.71	22.83	22.69	22.77	24.50
	DFT-s-OFDM 16QAM	1	1	22.87	22.81	22.94	22.81	22.89	24.50
	DFT-s-OFDM 64QAM	1	1	22.81	22.69	22.87	22.71	22.78	24.50
	DFT-s-OFDM 256QAM	1	1	22.62	22.52	22.67	22.54	22.59	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	22.72	22.64	22.79	22.64	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.77	22.61	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.70	22.63	22.77	22.63	22.74	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512400	518598	524796	531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.72	22.69	22.71	22.68	22.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.66	22.62	22.78	22.63	22.70	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.68	22.61	22.79	22.63	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.74	22.60	22.70	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.69	22.63	22.74	22.64	22.70	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.68	22.65	22.80	22.63	22.73	24.50

N48				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				638000	640446	642888	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.79	20.74	20.82	20.76	22.50
		1	108	19.26	19.27	19.28	19.21	20.50
		1	214	19.20	19.20	19.26	19.22	20.50
		108	0	19.15	19.19	19.24	19.17	20.50

		108	54	20.09	20.05	20.12	20.09	22.00
		108	108	19.15	19.19	19.22	19.18	20.50
		216	0	18.91	18.91	18.93	18.91	20.50
	DFT-s-OFDM QPSK	1	1	20.84	20.89	20.90	20.83	22.50
		1	108	19.32	19.27	19.35	19.30	20.50
		1	214	19.26	19.25	19.32	19.28	20.50
		108	0	19.23	19.23	19.30	19.23	20.50
		108	54	20.17	20.18	20.20	20.15	22.00
		108	108	19.23	19.27	19.28	19.24	20.50
		216	0	18.96	18.99	19.02	18.96	20.50
	DFT-s-OFDM 16QAM	1	1	20.01	20.01	20.06	20.03	21.50
	DFT-s-OFDM 64QAM	1	1	18.45	18.47	18.50	18.45	20.00
	DFT-s-OFDM 256QAM	1	1	16.23	16.28	16.30	16.27	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				638000	640446	642888	645332	
40MHz	CP-OFDM QPSK	1	1	20.79	20.82	20.83	20.78	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637668	640333	643000	645666	
30MHz	DFT-s-OFDM QPSK	1	1	20.84	20.85	20.87	20.82	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637334	640222	643114	646000	
20MHz	DFT-s-OFDM QPSK	1	1	20.85	20.86	20.78	20.80	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637000	640112	643220	646332	
10MHz	DFT-s-OFDM QPSK	1	1	20.84	20.83	20.79	20.75	22.50

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.11	21.15	21.25	23.00
		1	108	21.22	21.25	21.34	23.00
		1	214	21.28	21.33	21.44	23.00
		108	0	21.14	21.30	21.31	23.00
		108	54	21.35	21.35	21.38	23.00
		108	108	21.25	21.31	21.36	23.00
		216	0	21.24	21.28	21.29	23.00
	DFT-s-OFDM QPSK	1	1	21.16	21.20	21.31	23.00
		1	108	21.30	21.32	21.40	23.00
		1	214	21.35	21.38	21.50	23.00
		108	0	21.22	21.35	21.40	23.00
		108	54	21.39	21.41	21.45	23.00
		108	108	21.30	21.36	21.42	23.00
		216	0	21.30	21.33	21.36	23.00
	DFT-s-OFDM 16QAM	1	1	21.52	21.55	21.60	23.00
	DFT-s-OFDM	1	1	20.41	20.45	20.53	22.00

	64QAM						
	DFT-s-OFDM 256QAM	1	1	18.30	18.33	18.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.05	21.10	21.19	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.09	21.10	21.23	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.05	21.18	21.20	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.09	21.17	21.30	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.06	21.19	21.22	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.08	21.11	21.29	23.00

N70				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.66	/	24.50
		1	40	/	22.62	/	24.50
		1	77	/	22.56	/	24.50
		36	0	/	21.60	/	23.50
		36	22	/	22.55	/	24.50
		36	43	/	21.58	/	23.50
		75	0	/	21.56	/	23.50
	DFT-s-OFDM QPSK	1	1	/	22.66	/	24.50
		1	40	/	22.62	/	24.50
		1	77	/	22.56	/	24.50
		36	0	/	21.60	/	23.50
		36	22	/	22.55	/	24.50
		36	43	/	21.58	/	23.50
		75	0	/	21.56	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	21.76	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	20.22	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	18.00	/	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	/	20.72	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	22.61	22.63	22.60	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
5MHz	DFT-s-OFDM QPSK	1	1	22.57	22.61	22.60	24.50

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.11	/	22.00
		1	137	/	20.09	/	22.00
		1	271	/	20.46	/	22.00
		135	0	/	20.06	/	22.00
		135	69	/	20.13	/	22.00
		135	138	/	20.25	/	22.00
		270	0	/	20.09	/	22.00
	DFT-s-OFDM QPSK	1	1	/	20.35	/	22.00
		1	137	/	20.00	/	22.00
		1	271	/	20.51	/	22.00
		135	0	/	20.11	/	22.00
		135	69	/	20.18	/	22.00
		135	138	/	20.30	/	22.00
		270	0	/	20.08	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.10	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.14	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	20.16	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.16	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.14	20.17	20.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.16	20.20	20.21	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	20.18	20.24	20.26	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.16	20.15	20.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.15	20.14	20.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.18	20.14	20.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.20	20.14	20.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.15	20.20	20.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.23	20.11	20.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.25	20.19	20.12	22.00

N77					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.37	20.21	20.32	20.34	20.43	20.43	22.00
		1	137	20.41	20.40	20.55	20.55	20.58	20.47	22.00
		1	271	20.82	20.77	20.86	20.75	20.78	20.86	22.00
		135	0	20.34	20.36	20.40	20.37	20.45	20.34	22.00
		135	69	20.40	20.43	20.49	20.40	20.45	20.38	22.00
		135	138	20.42	20.55	20.67	20.60	20.55	20.62	22.00
		270	0	20.39	20.43	20.47	20.45	20.49	20.43	22.00
	DFT-s-OFDM QPSK	1	1	20.46	20.29	20.40	20.42	20.52	20.50	22.00
		1	137	20.50	20.46	20.60	20.58	20.60	20.51	22.00
		1	271	20.90	20.84	20.92	20.80	20.82	20.90	22.00
		135	0	20.43	20.40	20.46	20.42	20.50	20.40	22.00
		135	69	20.45	20.45	20.55	20.49	20.52	20.42	22.00
		135	138	20.50	20.60	20.82	20.67	20.64	20.80	22.00
		270	0	20.48	20.50	20.53	20.50	20.52	20.50	22.00
	DFT-s-OFDM 16QAM	1	1	20.63	20.48	20.64	20.59	20.55	20.63	22.00
	DFT-s-OFDM 64QAM	1	1	20.50	20.42	20.52	20.48	20.42	20.55	22.00
	DFT-s-OFDM 256QAM	1	1	20.30	20.21	20.37	20.41	20.35	20.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	

100MHz	CP-OFDM QPSK	1	1	20.42	20.23	20.38	20.40	20.45	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	20.38	20.20	20.32	20.34	20.45	20.46	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	20.44	20.23	20.31	20.39	20.50	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649000	651800	654600	657400	660200	663000	
70MHz	DFT-s-OFDM QPSK	1	1	20.35	20.29	20.40	20.33	20.41	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	20.43	20.26	20.33	20.38	20.47	20.45	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	20.42	20.20	20.38	20.34	20.50	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.40	20.24	20.38	20.38	20.50	20.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647668	651000	654334	657668	661000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	20.40	20.24	20.38	20.37	20.49	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.41	20.25	20.35	20.35	20.48	20.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647168	650700	654232	657768	661300	664832	
15MHz	DFT-s-OFDM QPSK	1	1	20.43	20.23	20.38	20.33	20.48	20.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	20.37	20.25	20.34	20.34	20.50	20.46	22.00

5. NR(Ant0) Sensor On

N2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.73	17.68	17.74	19.50
		1	53	17.76	17.84	17.74	19.50
		1	104	17.68	17.68	17.68	19.50
		50	0	17.49	17.58	17.44	19.50
		50	28	17.53	17.61	17.47	19.50
		50	56	17.48	17.52	17.44	19.50
		100	0	17.59	17.63	17.54	19.50
	DFT-s-OFDM QPSK	1	1	17.77	17.71	17.75	19.50
		1	53	17.80	17.98	17.82	19.50
		1	104	17.69	17.73	17.70	19.50
		50	0	17.54	17.62	17.51	19.50
		50	28	17.57	17.65	17.53	19.50
		50	56	17.53	17.58	17.49	19.50
		100	0	17.63	17.66	17.56	19.50
	DFT-s-OFDM 16QAM	1	1	17.68	17.78	17.62	19.50
	DFT-s-OFDM 64QAM	1	1	17.65	17.70	17.60	19.50
	DFT-s-OFDM 256QAM	1	1	17.55	17.64	17.58	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	372000	376000	380000	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376000	380500	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM OPSK	1	1	370500	376000	381500	19.50

N25				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.74	16.78	16.75	18.50
		1	108	16.68	16.72	16.67	18.50
		1	214	16.65	16.62	16.69	18.50
		108	0	16.68	16.73	16.64	18.50
		108	54	16.72	16.70	16.73	18.50
		108	108	16.72	16.70	16.67	18.50
		216	0	16.75	16.73	16.74	18.50

	DFT-s-OFDM QPSK	1	1	16.76	16.80	16.77	18.50
		1	108	16.72	16.78	16.74	18.50
		1	214	16.70	16.68	16.72	18.50
		108	0	16.71	16.74	16.70	18.50
		108	54	16.74	16.78	16.75	18.50
		108	108	16.76	16.76	16.71	18.50
		216	0	16.78	16.79	16.75	18.50
	DFT-s-OFDM 16QAM	1	1	16.73	16.77	16.70	18.50
	DFT-s-OFDM 64QAM	1	1	16.68	16.76	16.69	18.50
	DFT-s-OFDM 256QAM	1	1	16.65	16.73	16.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 374000	Channel 376500	Channel 379000	Tune up
40MHz	CP-OFDM QPSK	1	1	16.75	16.79	16.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 373000	Channel 376500	Channel 380000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.68	16.73	16.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 372500	Channel 376500	Channel 380500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.68	16.68	16.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.70	16.74	16.69	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.76	16.80	16.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376500	Channel 382000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.76	16.80	16.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.76	16.80	16.77	18.50

N30				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.49	/	20.50
		1	26	/	19.59	/	20.50
		1	50	/	19.43	/	20.50
		25	0	/	19.46	/	20.50
		25	14	/	19.54	/	20.50
		25	27	/	19.51	/	20.50
	50	0	/	19.41	/	20.50	
	DFT-s-OFDM QPSK	1	1	/	19.58	/	20.50
		1	26	/	19.71	/	20.50

		1	50	/	19.56	/	20.50
		25	0	/	19.50	/	20.50
		25	14	/	19.55	/	20.50
		25	27	/	19.52	/	20.50
		50	0	/	19.49	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.58	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	19.55	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.85	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1	/	19.56	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz	DFT-s-OFDM QPSK	1	1	19.50	19.53	19.49	20.50

N41 Class2/3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.62	16.56	16.63	16.59	16.88	18.50
		1	137	16.99	16.66	17.16	16.85	17.00	18.50
		1	271	16.94	16.87	16.98	16.74	16.59	18.50
		135	0	16.77	16.68	16.77	16.54	16.74	18.50
		135	69	16.69	16.69	16.83	16.56	16.80	18.50
		135	138	16.97	16.86	17.04	16.60	16.84	18.50
		270	0	16.65	16.69	16.77	16.65	16.71	18.50
	DFT-s-OFDM QPSK	1	1	16.65	16.62	16.69	16.62	16.93	18.50
		1	137	17.05	16.90	17.20	16.92	17.15	18.50
		1	271	17.00	16.88	17.00	16.79	16.65	18.50
		135	0	16.80	16.75	16.82	16.60	16.80	18.50
		135	69	16.77	16.77	16.85	16.58	16.83	18.50
		135	138	17.04	16.93	17.10	16.66	16.86	18.50
		270	0	16.72	16.73	16.80	16.68	16.74	18.50
	DFT-s-OFDM 16QAM	1	1	16.80	16.73	16.85	16.73	16.80	18.50
	DFT-s-OFDM 64QAM	1	1	16.73	16.69	16.82	16.67	16.74	18.50
	DFT-s-OFDM 256QAM	1	1	16.60	16.58	16.66	16.59	16.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.60	16.55	16.66	16.57	16.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.60	16.56	16.62	16.58	16.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	

80MHz	DFT-s-OFDM QPSK	1	1	16.59	16.57	16.64	16.58	16.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512400	518598	524796	531000	
70MHz	DFT-s-OFDM QPSK	1	1	16.68	16.67	16.71	16.77	16.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.57	16.60	16.62	16.55	16.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.63	16.59	16.63	16.56	16.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.62	16.57	16.65	16.58	16.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.61	16.56	16.61	16.54	16.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.63	16.60	16.65	16.58	16.86	18.50

N48				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				638000	640446	642888	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.13	14.18	14.23	14.04	15.50
		1	108	14.01	14.04	14.18	13.90	15.50
		1	214	13.95	14.01	14.07	13.85	15.50
		108	0	14.06	14.06	14.13	13.99	15.50
		108	54	14.15	14.13	14.24	14.07	15.50
		108	108	12.27	12.44	12.50	12.39	14.00
		216	0	12.98	13.02	13.07	13.12	14.50
	DFT-s-OFDM QPSK	1	1	14.14	14.22	14.29	14.12	15.50
		1	108	14.06	14.11	14.19	13.94	15.50
		1	214	14.00	14.05	14.09	13.90	15.50
		108	0	14.10	14.12	14.20	14.01	15.50
		108	54	14.21	14.11	14.27	14.11	15.50
		108	108	12.35	12.45	12.53	12.41	14.00
		216	0	13.00	13.08	13.12	13.11	14.50
	DFT-s-OFDM 16QAM	1	1	13.94	14.00	14.00	13.65	15.50
	DFT-s-OFDM 64QAM	1	1	13.84	13.88	13.88	13.61	15.50
	DFT-s-OFDM 256QAM	1	1	13.75	13.80	13.80	13.58	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				638000	640446	642888	645332	
40MHz	CP-OFDM QPSK	1	1	14.08	14.21	14.27	14.05	15.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637668			645666	
30MHz	DFT-s-OFDM QPSK	1	1	14.08	14.19	14.25	14.07	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637334	640222	643114	646000	
20MHz	DFT-s-OFDM QPSK	1	1	14.13	14.18	14.25	14.07	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				637000	640112	643220	646332	
10MHz	DFT-s-OFDM QPSK	1	1	14.09	14.17	14.23	14.05	15.50

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.73	16.74	16.73	18.50
		1	108	16.73	16.70	16.76	18.50
		1	214	16.80	16.84	16.78	18.50
		108	0	16.67	16.72	16.76	18.50
		108	54	16.79	16.78	16.74	18.50
		108	108	16.74	16.73	16.69	18.50
		216	0	16.66	16.70	16.64	18.50
	DFT-s-OFDM QPSK	1	1	16.78	16.75	16.80	18.50
		1	108	16.75	16.80	16.77	18.50
		1	214	16.82	16.83	16.88	18.50
		108	0	16.73	16.79	16.78	18.50
		108	54	16.80	16.82	16.85	18.50
		108	108	16.78	16.77	16.80	18.50
		216	0	16.73	16.72	16.76	18.50
	DFT-s-OFDM 16QAM	1	1	16.80	16.78	16.87	18.50
	DFT-s-OFDM 64QAM	1	1	16.77	16.73	16.83	18.50
	DFT-s-OFDM 256QAM	1	1	16.58	16.69	16.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	

10MHz	DFT-s-OFDM QPSK	1	1	16.76	16.78	16.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.76	16.72	16.69	18.50

N70				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.68	/	17.50
		1	40	/	15.64	/	17.50
		1	77	/	15.67	/	17.50
		36	0	/	15.58	/	17.50
		36	22	/	15.65	/	17.50
		36	43	/	15.64	/	17.50
		75	0	/	15.66	/	17.50
	DFT-s-OFDM QPSK	1	1	/	15.76	/	17.50
		1	40	/	15.72	/	17.50
		1	77	/	15.73	/	17.50
		36	0	/	15.63	/	17.50
		36	22	/	15.72	/	17.50
		36	43	/	15.65	/	17.50
		75	0	/	15.70	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	15.66	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	15.62	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	15.55	/	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					340500	/	
15MHz	CP-OFDM QPSK	1	1	/	15.67	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	15.75	15.72	15.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
5MHz	DFT-s-OFDM QPSK	1	1	15.71	15.71	15.70	17.50

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.77	/	14.50
		1	137	/	12.84	/	14.50
		1	271	/	13.30	/	14.50
		135	0	/	12.86	/	14.50
		135	69	/	12.83	/	14.50
		135	138	/	12.89	/	14.50

		270	0	/	12.83	/	14.50
	DFT-s-OFDM QPSK	1	1	/	12.84	/	14.50
		1	137	/	12.92	/	14.50
		1	271	/	13.05	/	14.50
		135	0	/	12.88	/	14.50
		135	69	/	12.90	/	14.50
		135	138	/	13.00	/	14.50
		270	0	/	12.90	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	12.93	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	12.90	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	12.86	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	12.60	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	12.76	12.82	12.75	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	12.81	12.81	12.80	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	12.88	12.72	12.71	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	12.85	12.79	12.77	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	12.76	12.81	12.82	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	12.82	12.75	12.75	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	12.79	12.78	12.75	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.82	12.82	12.79	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	12.93	12.97	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	12.88	12.90	12.94	14.50

N77					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	12.96	12.98	13.03	12.92	12.83	12.84	14.50
		1	137	12.84	13.00	13.04	13.00	12.87	12.80	14.50
		1	271	13.37	13.26	13.37	13.30	13.20	13.13	14.50
		135	0	12.89	12.80	12.98	12.79	12.76	12.76	14.50
		135	69	12.83	12.73	13.04	12.82	12.84	12.78	14.50
		135	138	13.06	12.97	13.06	12.92	12.85	12.80	14.50
		270	0	12.96	12.94	13.02	12.92	12.90	12.87	14.50
	DFT-s-OFDM QPSK	1	1	12.99	13.00	13.06	13.00	12.92	12.90	14.50
		1	137	12.89	13.02	13.13	13.02	12.89	12.84	14.50
		1	271	13.41	13.34	13.45	13.38	13.26	13.20	14.50
		135	0	12.96	12.88	13.03	12.83	12.85	12.82	14.50
		135	69	12.85	12.82	13.06	12.86	12.88	12.85	14.50
		135	138	13.10	13.02	13.14	12.98	12.91	12.88	14.50
		270	0	13.03	13.00	13.06	13.00	12.99	12.92	14.50
	DFT-s-OFDM 16QAM	1	1	13.15	13.02	13.30	13.23	13.12	13.15	14.50
	DFT-s-OFDM 64QAM	1	1	13.12	12.95	13.18	13.20	13.05	13.05	14.50
	DFT-s-OFDM 256QAM	1	1	12.93	12.90	13.03	12.93	12.94	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	12.93	12.92	12.99	12.97	12.87	12.81	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	12.92	12.95	13.00	12.91	12.88	12.81	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	12.97	12.95	12.97	12.91	12.89	12.87	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649000	651800	654600	657400	660200	663000	
70MHz	DFT-s-OFDM QPSK	1	1	12.90	12.93	12.97	12.98	12.89	12.92	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	12.95	12.96	13.01	12.93	12.87	12.87	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	12.94	12.95	13.03	12.98	12.87	12.86	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	12.92	12.91	13.03	12.95	12.84	12.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647668	651000	654334	657668	661000	664332	

30MHz	DFT-s-OFDM QPSK	1	1	12.94	12.98	13.00	12.96	12.88	12.82	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	DFT-s-OFDM QPSK	1	1	12.94	12.91	12.99	12.95	12.88	12.81	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647168	650700	654232	657768	661300	664832	
15MHz	DFT-s-OFDM QPSK	1	1	12.91	12.96	12.98	12.92	12.86	12.83	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	12.95	12.93	13.04	12.97	12.90	12.86	14.50

6. NR(Ant3) Sensor Off

N5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.37	23.39	23.33	24.50
		1	53	23.32	23.34	23.30	24.50
		1	104	23.34	23.39	23.32	24.50
		50	0	22.37	22.42	22.34	23.50
		50	28	23.32	23.32	23.30	24.50
		50	56	22.34	22.35	22.32	23.50
		100	0	22.34	22.39	22.33	23.50
	DFT-s-OFDM QPSK	1	1	23.44	23.48	23.42	24.50
		1	53	23.41	23.42	23.38	24.50
		1	104	23.42	23.45	23.40	24.50
		50	0	22.44	22.48	22.42	23.50
		50	28	23.37	23.40	23.35	24.50
		50	56	22.40	22.41	22.37	23.50
		100	0	22.43	22.45	22.42	23.50
	DFT-s-OFDM 16QAM	1	1	22.74	22.75	22.70	23.00
	DFT-s-OFDM 64QAM	1	1	21.22	21.20	21.13	22.50
	DFT-s-OFDM 256QAM	1	1	19.03	19.06	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	CP-OFDM QPSK	1	1	23.38	23.43	23.36	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.38	23.50	23.47	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.46	23.45	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.41	23.42	23.45	24.50

N12				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.27	23.36	23.33	24.50
		1	40	23.27	23.41	23.36	24.50
		1	77	23.30	23.34	23.31	24.50
		36	0	22.31	22.34	22.37	23.50
		36	22	23.30	23.32	23.31	24.50
		36	43	22.27	22.33	22.32	23.50
		75	0	22.26	22.31	22.27	23.50
	DFT-s-OFDM QPSK	1	1	23.36	23.41	23.39	24.50
		1	40	23.36	23.48	23.41	24.50
		1	77	23.38	23.42	23.40	24.50
		36	0	22.37	22.40	22.42	23.50
		36	22	23.36	23.41	23.40	24.50
		36	43	22.35	22.39	22.38	23.50
		75	0	22.35	22.40	22.35	23.50
	DFT-s-OFDM 16QAM	1	1	22.21	22.26	22.24	23.50
	DFT-s-OFDM 64QAM	1	1	21.01	21.07	21.04	22.00
	DFT-s-OFDM 256QAM	1	1	18.95	19.00	18.98	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				141300	141500	141700	
15MHz	CP-OFDM QPSK	1	1	23.31	23.40	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140800	141500	142200	
10MHz	DFT-s-OFDM QPSK	1	1	23.34	23.37	23.35	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				140300	141500	142700	
5MHz	DFT-s-OFDM QPSK	1	1	23.31	23.38	23.35	24.50

N14				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.59	/	24.50
		1	26	/	23.56	/	24.50
		1	50	/	23.45	/	24.50
		25	0	/	22.52	/	23.50
		25	14	/	23.36	/	24.50
		25	27	/	22.31	/	23.50
		50	0	/	22.27	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.68	/	24.50
		1	26	/	23.62	/	24.50
		1	50	/	23.50	/	24.50
		25	0	/	22.60	/	23.50

		25	14	/	23.42	/	24.50
		25	27	/	22.37	/	23.50
		50	0	/	22.36	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.87	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.33	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.00	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	158600	/	
10MHz	CP-OFDM QPSK	1	1	/	23.65	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				158100	158600	159100	
5MHz	DFT-s-OFDM QPSK	1	1	23.58	23.60	23.62	24.50

N41 Class2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.63	25.65	25.74	25.57	25.61	27.50
		1	137	25.69	25.72	25.81	25.69	25.73	27.50
		1	271	25.65	25.73	25.74	25.64	25.71	27.50
		135	0	24.10	24.15	24.24	24.07	24.14	26.00
		135	69	25.64	25.73	25.79	25.62	25.71	27.50
		135	138	24.06	24.14	24.23	24.05	24.09	26.00
		270	0	24.03	24.10	24.15	24.02	24.08	26.00
	DFT-s-OFDM QPSK	1	1	25.65	25.70	25.77	25.65	25.68	27.50
		1	137	25.76	25.79	25.87	25.73	25.78	27.50
		1	271	25.70	25.76	25.82	25.70	25.75	27.50
		135	0	24.13	24.21	24.30	24.12	24.21	26.00
		135	69	25.69	25.76	25.82	25.69	25.74	27.50
		135	138	24.13	24.18	24.25	24.13	24.17	26.00
		270	0	24.10	24.12	24.21	24.06	24.12	26.00
	DFT-s-OFDM 16QAM	1	1	24.93	24.94	25.03	24.88	24.94	26.50
	DFT-s-OFDM 64QAM	1	1	23.37	23.43	23.50	23.39	23.44	25.00
	DFT-s-OFDM 256QAM	1	1	21.10	21.20	21.25	21.09	21.20	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	25.61	25.66	25.71	25.60	25.66	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.63	25.65	25.73	25.58	25.62	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	25.63	25.62	25.74	25.57	25.60	27.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512400	518598	524796	531000	
70MHz	DFT-s-OFDM QPSK	1	1	25.66	25.69	25.70	25.68	25.63	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.57	25.68	25.71	25.59	25.62	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.60	25.65	25.75	25.61	25.63	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.57	25.63	25.71	25.61	25.62	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.59	25.65	25.70	25.57	25.64	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.62	25.65	25.71	25.58	25.66	27.50

N41 Class3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.20	23.30	23.17	23.22	24.50
		1	137	23.27	23.29	23.36	23.23	23.32	24.50
		1	271	23.20	23.29	23.33	23.24	23.31	24.50
		135	0	23.08	23.10	23.16	23.08	23.09	24.50
		135	69	23.07	23.22	23.29	23.11	23.22	24.50
		135	138	23.15	23.14	23.26	23.13	23.17	24.50
		270	0	23.14	23.18	23.23	23.15	23.19	24.50
	DFT-s-OFDM QPSK	1	1	23.23	23.27	23.35	23.19	23.26	24.50
		1	137	23.29	23.36	23.43	23.30	23.35	24.50
		1	271	23.27	23.32	23.40	23.27	23.33	24.50
		135	0	23.13	23.14	23.23	23.12	23.16	24.50
		135	69	23.15	23.25	23.31	23.14	23.24	24.50
		135	138	23.17	23.20	23.28	23.15	23.22	24.50
		270	0	23.16	23.25	23.30	23.17	23.23	24.50
	DFT-s-OFDM 16QAM	1	1	23.28	23.34	23.40	23.29	23.31	24.50
	DFT-s-OFDM 64QAM	1	1	23.21	23.29	23.36	23.26	23.28	24.50
	DFT-s-OFDM 256QAM	1	1	21.13	21.17	21.25	21.11	21.18	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	23.18	23.19	23.28	23.11	23.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	

90MHz	DFT-s-OFDM QPSK	1	1	23.15	23.22	23.32	23.15	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.21	23.25	23.32	23.14	23.21	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512400	518598	524796	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.19	23.27	23.30	23.18	23.24	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.18	23.24	23.33	23.12	23.21	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.16	23.19	23.29	23.13	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.19	23.19	23.29	23.16	23.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.20	23.20	23.29	23.17	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.21	23.21	23.27	23.13	23.22	24.50

N71				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.23	23.27	23.36	24.50
		1	53	23.30	23.30	23.32	24.50
		1	104	23.13	23.17	23.23	24.50
		50	0	22.16	22.15	22.22	23.50
		50	28	23.26	23.28	23.32	24.50
		50	56	22.13	22.15	22.22	23.50
		100	0	22.22	22.26	22.22	23.50
	DFT-s-OFDM QPSK	1	1	23.35	23.37	23.56	24.50
		1	53	23.30	23.30	23.37	24.50
		1	104	23.20	23.23	23.30	24.50
		50	0	22.23	22.21	22.28	23.50
		50	28	23.35	23.36	23.38	24.50
		50	56	22.21	22.24	22.27	23.50
		100	0	22.28	22.33	22.30	23.50
	DFT-s-OFDM 16QAM	1	1	22.52	22.56	22.60	23.50
	DFT-s-OFDM 64QAM	1	1	20.95	21.00	21.07	22.00
	DFT-s-OFDM 256QAM	1	1	18.73	18.75	18.80	20.00

Bandwidth	Modulation	RB size	RB offset	Channel 134600	Channel 136100	Channel 137600	Tune up
20MHz	CP-OFDM QPSK	1	1	23.30	23.28	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 134100	Channel 136100	Channel 138100	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.28	23.31	23.34	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 133600	Channel 136100	Channel 138600	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.24	23.28	23.29	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 133100	Channel 136100	Channel 139100	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.33	23.27	23.40	24.50

N77				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.49	/	22.00
		1	137	/	20.63	/	22.00
		1	271	/	20.79	/	22.00
		135	0	/	20.59	/	22.00
		135	69	/	20.66	/	22.00
		135	138	/	20.68	/	22.00
		270	0	/	20.65	/	22.00
	DFT-s-OFDM QPSK	1	1	/	20.57	/	22.00
		1	137	/	20.71	/	22.00
		1	271	/	20.85	/	22.00
		135	0	/	20.63	/	22.00
		135	69	/	20.70	/	22.00
		135	138	/	20.75	/	22.00
		270	0	/	20.70	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	20.78	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	20.71	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	20.58	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.50	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.54	20.52	20.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.53	20.54	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

70MHz	DFT-s-OFDM QPSK	1	1	20.59	20.55	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.51	20.50	20.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.52	20.55	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.54	20.49	20.52	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.53	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.54	20.54	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.62	20.66	20.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.67	20.68	20.70	22.00

N77					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.81	20.84	20.80	20.69	20.77	22.00
		1	137	20.85	20.91	20.99	20.91	20.83	20.90	22.00
		1	271	21.00	21.00	21.05	20.99	20.90	21.02	22.00
		135	0	20.77	20.83	20.90	20.82	20.70	20.82	22.00
		135	69	20.86	20.95	20.96	20.97	20.81	20.92	22.00
		135	138	20.92	20.98	21.07	20.95	20.89	20.93	22.00
		270	0	20.79	20.86	20.91	20.86	20.86	20.88	22.00
	DFT-s-OFDM QPSK	1	1	20.75	20.87	20.92	20.87	20.76	20.83	22.00
		1	137	20.92	20.97	21.04	20.96	20.86	20.98	22.00
		1	271	21.02	21.04	21.12	21.06	20.97	21.06	22.00
		135	0	20.79	20.88	20.93	20.88	20.78	20.85	22.00
		135	69	20.88	20.98	21.04	20.99	20.86	20.98	22.00
		135	138	20.94	21.01	21.09	21.03	20.95	21.00	22.00
		270	0	20.84	20.93	20.98	20.92	20.88	20.90	22.00
	DFT-s-OFDM 16QAM	1	1	20.97	21.02	21.10	21.01	20.95	21.01	22.00
	DFT-s-OFDM 64QAM	1	1	20.94	20.98	21.07	21.02	20.92	21.01	22.00
	DFT-s-OFDM 256QAM	1	1	20.80	20.83	20.90	20.84	20.79	20.81	22.00

Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.69	20.85	20.88	20.79	20.70	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.66	20.84	20.85	20.80	20.72	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.69	20.80	20.85	20.85	20.68	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 651800	Channel 654600	Channel 657400	Channel 660200	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.61	20.80	20.79	20.75	20.78	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.69	20.85	20.90	20.81	20.72	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.67	20.80	20.88	20.82	20.74	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.66	20.79	20.88	20.84	20.74	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.67	20.82	20.89	20.81	20.70	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.69	20.85	20.90	20.82	20.69	20.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.69	20.82	20.86	20.82	20.71	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.69	20.80	20.87	20.83	20.70	20.75	22.00

7. NR(Ant3) Sensor On

N41 Class2/3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.09	17.10	17.18	17.02	17.08	18.50
		1	137	17.30	17.24	17.34	17.20	17.23	18.50
		1	271	17.18	17.11	17.28	17.13	17.08	18.50
		135	0	17.19	17.10	17.26	17.13	17.14	18.50
		135	69	17.23	17.19	17.27	17.13	17.18	18.50
		135	138	17.17	17.17	17.29	17.16	17.13	18.50
		270	0	17.12	17.05	17.25	17.05	17.08	18.50
	DFT-s-OFDM QPSK	1	1	17.17	17.14	17.26	17.09	17.16	18.50
		1	137	17.34	17.30	17.40	17.27	17.25	18.50
		1	271	17.26	17.14	17.31	17.15	17.13	18.50
		135	0	17.24	17.15	17.30	17.15	17.18	18.50
		135	69	17.30	17.21	17.35	17.20	17.21	18.50
		135	138	17.25	17.19	17.32	17.19	17.19	18.50
		270	0	17.19	17.13	17.28	17.12	17.14	18.50
	DFT-s-OFDM 16QAM	1	1	17.31	17.30	17.39	17.30	17.27	18.50
	DFT-s-OFDM 64QAM	1	1	17.27	17.22	17.33	17.16	17.21	18.50
	DFT-s-OFDM 256QAM	1	1	17.14	17.03	17.20	17.06	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.13	17.12	17.20	17.07	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.14	17.06	17.23	17.07	17.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.11	17.11	17.23	17.05	17.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 512400	Channel 518598	Channel 524796	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.15	17.03	17.11	17.08	17.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.09	17.09	17.18	17.03	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.14	17.06	17.21	17.04	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.14	17.12	17.22	17.06	17.09	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.12	17.06	17.20	17.03	17.10	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.13	17.08	17.23	17.07	17.14	18.50

N77				Conducted Power(dBm)			
SCS 30kHz(3450–3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.10	/	14.50
		1	137	/	13.22	/	14.50
		1	271	/	13.40	/	14.50
		135	0	/	13.17	/	14.50
		135	69	/	13.19	/	14.50
		135	138	/	13.25	/	14.50
		270	0	/	13.15	/	14.50
	DFT-s-OFDM QPSK	1	1	/	13.15	/	14.50
		1	137	/	13.24	/	14.50
		1	271	/	13.46	/	14.50
		135	0	/	13.19	/	14.50
		135	69	/	13.22	/	14.50
		135	138	/	13.28	/	14.50
	270	0	/	13.23	/	14.50	
	DFT-s-OFDM 16QAM	1	1	/	13.33	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	13.30	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	13.10	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.12	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	13.07	13.11	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.07	13.11	13.11	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	13.18	13.16	13.09	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.13	13.12	13.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.09	13.13	13.07	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.07	13.10	13.08	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	

30MHz	DFT-s-OFDM QPSK	1	1	13.12	13.08	13.08	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.11	13.10	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.22	13.18	13.26	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636332	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.25	13.23	13.20	14.50

N77					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.46	13.37	13.53	13.38	13.36	13.46	14.50
		1	137	13.56	13.53	13.67	13.45	13.50	13.55	14.50
		1	271	13.59	13.53	13.66	13.50	13.56	13.60	14.50
		135	0	13.41	13.37	13.48	13.35	13.34	13.44	14.50
		135	69	13.50	13.41	13.58	13.39	13.43	13.54	14.50
		135	138	13.52	13.44	13.59	13.50	13.45	13.50	14.50
		270	0	13.44	13.37	13.50	13.34	13.35	13.47	14.50
	DFT-s-OFDM QPSK	1	1	13.52	13.45	13.58	13.44	13.43	13.51	14.50
		1	137	13.61	13.55	13.69	13.52	13.57	13.63	14.50
		1	271	13.64	13.58	13.73	13.58	13.59	13.66	14.50
		135	0	13.46	13.40	13.55	13.42	13.38	13.49	14.50
		135	69	13.53	13.46	13.61	13.45	13.48	13.56	14.50
		135	138	13.56	13.48	13.65	13.52	13.47	13.56	14.50
		270	0	13.51	13.41	13.56	13.38	13.43	13.49	14.50
	DFT-s-OFDM 16QAM	1	1	13.63	13.52	13.70	13.57	13.55	13.61	14.50
	DFT-s-OFDM 64QAM	1	1	13.60	13.54	13.66	13.52	13.49	13.58	14.50
	DFT-s-OFDM 256QAM	1	1	13.39	13.31	13.45	13.35	13.29	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	13.45	13.37	13.51	13.41	13.38	13.45	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	13.49	13.39	13.53	13.36	13.41	13.45	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	13.44	13.39	13.56	13.37	13.36	13.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	13.41	13.33	13.56	13.43	13.42	13.41	14.50

Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	13.44	13.37	13.55	13.36	13.38	13.48	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.45	13.41	13.53	13.38	13.35	13.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.49	13.42	13.55	13.36	13.41	13.48	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 651000	Channel 654334	Channel 657668	Channel 661000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.45	13.39	13.55	13.37	13.35	13.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.46	13.39	13.50	13.37	13.37	13.44	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.49	13.41	13.54	13.40	13.35	13.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.50	13.38	13.55	13.41	13.39	13.43	14.50