

Band 38_Ant 2_DBI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.23	19.32	19.02	20.7	0	
20	QPSK	1	49	19.08	19.03	19.01			
20	QPSK	1	99	19.83	19.86	19.93			
20	QPSK	50	0	19.11	19.15	19.01			
20	QPSK	50	24	19.05	19.07	18.96	20.7	0	
20	QPSK	50	50	19.04	19.07	19.02			
20	QPSK	100	0	19.05	19.10	19.03			
20	16QAM	1	0	19.19	19.14	19.23			
20	16QAM	1	49	19.12	19.16	19.15	20.7	0	
20	16QAM	1	99	19.06	19.04	19.06			
20	16QAM	50	0	19.23	19.15	19.14			
20	16QAM	50	24	19.13	19.19	19.09			
20	16QAM	50	50	19.08	19.13	19.03	20.7	0	
20	16QAM	100	0	19.24	19.16	19.05			
20	64QAM	1	0	19.19	19.04	19.03			
20	64QAM	1	49	19.02	19.06	19.05			
20	64QAM	1	99	19.09	19.04	19.06	20.7	0	
20	64QAM	50	0	19.29	19.16	19.14			
20	64QAM	50	24	19.14	19.19	19.09			
20	64QAM	50	50	19.06	19.09	19.03			
20	64QAM	100	0	19.21	19.19	19.10	20.7		
Channel				37825	38000	38175		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	19.12	19.07	19.10	20.7	0	
15	QPSK	1	37	19.09	19.01	18.90			
15	QPSK	1	74	19.05	19.06	18.88			
15	QPSK	36	0	19.19	19.06	19.06			
15	QPSK	36	20	19.11	19.02	18.92	20.7	0	
15	QPSK	36	39	19.06	19.07	18.88			
15	QPSK	75	0	19.13	19.01	18.98			
15	16QAM	1	0	19.28	19.22	19.26			
15	16QAM	1	37	19.15	19.18	19.07	20.7	0	
15	16QAM	1	74	19.08	19.11	19.04			
15	16QAM	36	0	19.27	19.06	19.05			
15	16QAM	36	20	19.20	19.13	19.03			
15	16QAM	36	39	19.04	19.05	19.05	20.7	0	
15	16QAM	75	0	19.24	19.14	19.04			
15	64QAM	1	0	19.08	19.03	18.87			
15	64QAM	1	37	19.05	19.07	18.98			
15	64QAM	1	74	19.01	19.07	19.03	20.7	0	
15	64QAM	36	0	19.27	19.11	19.06			
15	64QAM	36	20	19.25	19.19	19.09			
15	64QAM	36	39	19.04	19.12	18.99			
15	64QAM	75	0	19.23	19.19	19.07	20.7		
Channel				37800	38000	38200		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.17	19.24	19.03	20.7	0	
10	QPSK	1	25	19.06	19.00	19.07			
10	QPSK	1	49	19.05	19.05	19.07			
10	QPSK	25	0	19.14	19.21	19.02			
10	QPSK	25	12	19.14	19.01	19.05	20.7	0	
10	QPSK	25	25	19.00	19.08	19.07			
10	QPSK	50	0	19.14	19.04	19.04			
10	16QAM	1	0	19.27	19.16	19.10			
10	16QAM	1	25	19.19	19.17	19.05	20.7	0	
10	16QAM	1	49	19.10	19.10	19.00			
10	16QAM	25	0	19.27	19.17	19.03			
10	16QAM	25	12	19.28	19.16	19.01			
10	16QAM	25	25	19.10	19.13	19.09	20.7	0	
10	16QAM	50	0	19.26	19.16	19.06			
10	64QAM	1	0	19.08	19.06	19.01			
10	64QAM	1	25	19.09	19.06	19.05			
10	64QAM	1	49	19.04	19.08	19.03	20.7	0	
10	64QAM	25	0	19.13	19.03	19.07			
10	64QAM	25	12	19.10	19.01	19.04			
10	64QAM	25	25	19.06	19.03	19.05			
10	64QAM	25	25	19.06	19.03	19.05	20.7	0	
10	64QAM	50	0	19.06	19.06	19.06			
Channel				37775	38000	38225		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	19.13	19.25	19.01	20.7	0	
5	QPSK	1	12	19.09	19.05	19.02			
5	QPSK	1	24	19.04	19.09	19.03			
5	QPSK	12	0	19.14	19.02	19.06			
5	QPSK	12	7	19.16	19.01	19.05	20.7	0	
5	QPSK	12	13	19.02	19.01	19.08			
5	QPSK	25	0	19.14	19.08	19.06			
5	16QAM	1	0	19.22	19.06	19.03			
5	16QAM	1	12	19.10	19.13	19.02	20.7	0	
5	16QAM	1	24	19.03	19.13	19.00			
5	16QAM	12	0	19.20	19.08	19.04			
5	16QAM	12	7	19.22	19.13	19.08			
5	16QAM	12	13	19.18	19.06	19.04	20.7	0	
5	16QAM	25	0	19.26	19.12	19.07			
5	64QAM	1	0	19.02	19.08	19.07			
5	64QAM	1	12	19.10	19.08	19.04			
5	64QAM	1	24	19.10	19.04	19.14	20.7	0	
5	64QAM	12	0	19.11	19.07	19.03			
5	64QAM	12	7	19.07	19.09	19.03			
5	64QAM	12	13	19.07	19.04	19.01			
5	64QAM	25	0	19.10	19.06	19.02	20.7	0	

Band 38_Ant 2_DBI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2615			
20	QPSK	1	0	22.24	22.26	22.07	23.7	0	
20	QPSK	1	49	22.02	22.04	22.05			
20	QPSK	1	99	21.86	21.94	21.87			
20	QPSK	50	0	22.23	22.24	22.05			
20	QPSK	50	24	22.06	22.14	22.01	23.7	0	
20	QPSK	50	50	21.98	22.07	21.97			
20	QPSK	100	0	22.15	22.16	22.02			
20	16QAM	1	0	22.21	22.18	22.22			
20	16QAM	1	49	22.15	22.20	22.17	23.7	0	
20	16QAM	1	99	21.98	22.07	21.98			
20	16QAM	50	0	22.15	22.04	21.99			
20	16QAM	50	24	22.19	22.25	22.14			
20	16QAM	50	50	22.11	22.18	22.05	23.7	0	
20	16QAM	100	0	22.23	22.23	22.12			
20	64QAM	1	0	22.01	22.21	21.85			
20	64QAM	1	49	22.12	22.12	22.13			
20	64QAM	1	99	22.21	22.12	22.21	23.7	0	
20	64QAM	50	0	21.31	21.17	21.14			
20	64QAM	50	24	21.16	21.21	21.15			
20	64QAM	50	50	21.05	21.14	21.06			
20	64QAM	100	0	21.28	21.21	21.11	22.7	1	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.13	22.03	22.02	23.7	0	
15	QPSK	1	37	22.13	22.03	21.98			
15	QPSK	1	74	22.02	22.00	22.06			
15	QPSK	36	0	22.21	22.18	22.05			
15	QPSK	36	20	22.25	22.11	22.08	23.7	0	
15	QPSK	36	39	22.27	22.08	21.99			
15	QPSK	75	0	22.24	22.19	22.22			
15	16QAM	1	0	22.25	22.23	22.19			
15	16QAM	1	37	22.21	22.12	22.07	23.7	0	
15	16QAM	1	74	22.20	22.16	22.24			
15	16QAM	36	0	22.10	21.92	21.88	23.7	0	
15	16QAM	36	20	22.18	22.25	22.19			
15	16QAM	36	39	22.19	22.12	22.19			
15	16QAM	75	0	22.24	22.27	22.21			
15	64QAM	1	0	22.15	22.11	22.01	23.7	0	
15	64QAM	1	37	21.88	21.11	22.21			
15	64QAM	1	74	22.08	22.19	21.84			
15	64QAM	36	0	21.37	21.19	21.15			
15	64QAM	36	20	21.43	21.22	21.26	22.7	1	
15	64QAM	36	39	21.34	21.19	21.29			
15	64QAM	75	0	21.43	21.30	21.14			
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.13	22.09	22.07	23.7	0	
10	QPSK	1	25	21.96	22.08	22.02			
10	QPSK	1	49	22.01	21.95	21.97			
10	QPSK	25	0	22.14	22.06	22.03			
10	QPSK	25	12	22.10	22.07	21.96	23.7	0	
10	QPSK	25	25	22.19	22.03	21.98			
10	QPSK	50	0	22.18	22.16	22.12			
10	16QAM	1	0	22.24	22.09	22.08			
10	16QAM	1	25	22.23	22.18	21.94	23.7	0	
10	16QAM	1	49	22.23	22.21	22.01			
10	16QAM	25	0	22.03	22.04	22.03			
10	16QAM	25	12	22.18	22.18	22.09			
10	16QAM	25	25	22.27	22.22	22.07	23.7	0	
10	16QAM	50	0	22.20	22.15	22.20			
10	64QAM	1	0	22.01	22.05	21.94			
10	64QAM	1	49	21.81	21.97	21.89			
10	64QAM	1	25	22.03	21.83	21.82	22.7	1	
10	64QAM	25	0	21.21	21.13	21.21			
10	64QAM	25	12	21.26	21.26	21.08			
10	64QAM	25	25	21.35	21.21	21.06			
10	64QAM	50	0	21.32	21.31	21.09	22.7	1	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.17	21.83	21.82	23.7	0	
5	QPSK	1	12	22.13	22.14	21.98			
5	QPSK	1	25	22.07	21.94	21.91			
5	QPSK	12	0	22.13	22.14	22.03			
5	QPSK	12	7	22.20	22.07	22.05	23.7	0	
5	QPSK	12	13	22.16	22.23	21.85			
5	QPSK	25	0	22.15	22.21	22.04			
5	16QAM	1	0	22.21	22.22	21.90			
5	16QAM	1	12	22.20	22.24	21.99	23.7	0	
5	16QAM	1	24	22.19	22.10	21.97			
5	16QAM	12	0	22.11	22.19	22.02			
5	16QAM	12	7	22.24	22.22	22.13			
5	16QAM	12	13	22.20	22.18	22.09	23.7	0	
5	16QAM	25	0	22.19	22.13	22.15			
5	64QAM	1	0	22.13	21.86	21.84			
5	64QAM	1	12	22.20	21.83	21.80			
5	64QAM	1	24	22.18	21.91	21.83	22.7	1	
5	64QAM	12	0	21.34	21.12	21.06			
5	64QAM	12	13	21.27	21.16	21.09			
5	64QAM	12	25	21.32	21.20	21.02			
5	64QAM	25	0	21.32	21.20	21.12			

Band 41_Ant 2_DSI 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Mode Ch. / Freq.	Power Low Mode Ch. / Freq.	Power Mode Ch. / Freq.	Power High Mode Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40240	40500	40770	41090	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.55	23.61	23.68	23.80		
20	QPSK	1	0	19.02	18.99	18.99	18.99	20.7	0
20	QPSK	1	49	19.07	19.00	18.88	18.76		
20	QPSK	1	99	19.05	18.81	18.99	18.81		
20	QPSK	50	0	19.06	18.98	19.07	18.87		
20	QPSK	50	24	19.05	19.00	18.96	18.87	20.7	0
20	QPSK	50	50	19.05	19.00	18.96	18.86		
20	QPSK	100	0	19.04	18.99	19.05	18.86		
20	16QAM	1	0	19.06	19.12	18.96	19.06		
20	16QAM	1	49	19.13	19.11	19.03	18.94	20.7	0
20	16QAM	1	99	19.12	18.99	19.14	19.03		
20	16QAM	50	0	19.12	19.05	19.07	18.98		
20	16QAM	50	24	19.13	19.11	19.07	18.97		
20	16QAM	50	50	19.13	19.09	19.05	18.96	20.7	0
20	16QAM	100	0	19.11	19.10	19.05	18.97		
20	64QAM	1	0	19.05	19.03	18.77	18.81		
20	64QAM	1	49	18.98	18.90	18.77	18.86	20.7	0
20	64QAM	1	99	18.95	18.74	18.68	18.68		
20	64QAM	50	0	19.10	19.08	19.00	18.93		
20	64QAM	50	24	19.10	19.05	19.00	18.91		
20	64QAM	50	50	19.08	19.03	19.00	18.89	20.7	0
20	64QAM	100	0	19.11	19.14	19.09	19.01		
Channel				40215	40495	40785	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.62	23.62	23.63	23.73		
15	QPSK	1	0	19.06	19.08	18.92	18.91	20.7	0
15	QPSK	1	37	19.00	19.13	18.88	18.78		
15	QPSK	1	74	19.12	18.95	18.95	18.85		
15	QPSK	36	0	18.95	19.10	18.94	18.84		
15	QPSK	36	29	19.06	19.10	18.88	18.86	20.7	0
15	QPSK	36	39	19.02	19.07	18.94	18.84		
15	QPSK	75	0	19.06	19.09	18.95	18.83		
15	16QAM	1	0	19.10	19.11	19.07	19.05		
15	16QAM	1	37	19.04	19.11	19.05	18.93	20.7	0
15	16QAM	1	74	19.01	19.13	19.10	18.98		
15	16QAM	36	0	19.05	19.09	18.98	18.89		
15	16QAM	36	29	19.15	19.13	19.02	18.92		
15	16QAM	36	39	19.09	19.12	18.97	18.91	20.7	0
15	16QAM	75	0	19.12	19.11	19.06	18.96		
15	64QAM	1	0	18.96	18.95	18.84	18.83		
15	64QAM	1	37	18.92	19.03	18.76	18.77	20.7	0
15	64QAM	1	74	19.04	18.86	18.83	18.73		
15	64QAM	36	0	19.05	19.12	19.02	18.92		
15	64QAM	36	29	19.03	19.11	19.05	18.94		
15	64QAM	36	39	19.12	19.11	19.01	18.92	20.7	0
15	64QAM	75	0	19.13	19.11	19.04	18.93		
Channel				40190	40490	40790	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.69	23.69	23.69	23.74		
10	QPSK	1	0	19.02	19.03	18.86	18.77	20.7	0
10	QPSK	1	25	19.01	19.14	18.84	18.77		
10	QPSK	1	49	19.12	19.05	18.93	18.84		
10	QPSK	25	0	18.91	19.03	18.89	18.80		
10	QPSK	25	12	19.02	19.09	18.93	18.84	20.7	0
10	QPSK	25	25	19.00	19.04	18.92	18.82		
10	QPSK	50	0	19.04	19.06	18.92	18.81		
10	16QAM	1	0	19.06	19.13	19.05	18.96	20.7	0
10	16QAM	1	25	19.07	19.11	19.00	18.92		
10	16QAM	1	49	19.14	19.13	19.03	18.91		
10	16QAM	25	0	19.04	19.13	19.00	18.92		
10	16QAM	25	12	19.09	19.13	19.04	18.92	20.7	0
10	16QAM	25	25	19.13	19.12	19.03	18.93		
10	16QAM	50	0	19.14	19.11	19.03	18.91		
10	64QAM	1	0	18.93	18.94	18.77	18.72	20.7	0
10	64QAM	1	25	18.86	19.01	18.75	18.77		
10	64QAM	1	49	18.99	18.94	18.75	18.71		
10	64QAM	25	0	18.99	19.10	18.99	18.86		
10	64QAM	25	12	19.01	19.13	18.99	18.89	20.7	0
10	64QAM	25	25	19.07	19.11	19.00	18.87		
10	64QAM	50	0	19.07	19.11	18.97	18.84		
Channel				40165	40495	40795	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.615	23.725	23.815	23.920		
5	QPSK	1	0	18.96	19.01	18.86	18.75	20.7	0
5	QPSK	1	12	18.91	19.11	18.87	18.74		
5	QPSK	1	24	18.95	19.06	18.84	18.72		
5	QPSK	12	0	18.86	19.07	18.89	18.76		
5	QPSK	12	7	19.07	19.10	18.93	18.81	20.7	0
5	QPSK	12	13	19.04	19.13	18.91	18.82		
5	QPSK	25	0	19.00	19.00	18.90	18.80		
5	16QAM	1	0	19.12	19.11	18.99	18.90	20.7	0
5	16QAM	1	13	19.13	19.14	19.00	18.99		
5	16QAM	1	24	19.13	19.13	19.04	18.92		
5	16QAM	12	0	19.11	19.11	18.92	18.83		
5	16QAM	12	7	19.13	19.14	18.95	18.88	20.7	0
5	16QAM	12	13	19.12	19.12	18.94	18.84		
5	16QAM	25	0	19.11	19.13	19.00	18.91		
5	64QAM	1	0	19.01	18.91	18.97	18.76	20.7	0
5	64QAM	1	12	18.93	19.01	18.75	18.79		
5	64QAM	1	24	18.93	19.01	18.77	18.79		
5	64QAM	12	0	19.10	19.11	18.93	18.81		
5	64QAM	12	7	19.13	19.13	18.99	18.88	20.7	0
5	64QAM	12	13	19.11	19.12	18.95	18.82		
5	64QAM	25	0	19.09	19.10	18.95	18.85		

Band 41_Ant 2_DSI 35									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Mode Ch. / Freq.	Power Low Mode Ch. / Freq.	Power Mode Ch. / Freq.	Power High Mode Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40240	40500	40770	41090	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.55	23.61	23.68	23.80		
20	QPSK	1	0	21.18	21.20	21.31	20.99	22.7	0
20	QPSK	1	49	21.19	21.18	20.96	20.98		
20	QPSK	1	99	21.17	20.85	20.93	20.98		
20	QPSK	50	0	21.19	21.12	21.20	21.12		
20	QPSK	50	24	21.19	21.06	21.18	21.11	22.7	0
20	QPSK	50	50	21.13	20.99	21.09	21.02		
20	QPSK	100	0	21.16	21.04	21.17	21.05		
20	16QAM	1	0	21.21	21.23	21.21	21.20		
20	16QAM	1	49	21.24	21.16	21.26	21.15	22.7	0
20	16QAM	1	99	21.19	21.00	21.16	21.19		
20	16QAM	50	0	21.11	21.03	20.98	21.06		
20	16QAM	50	24	21.17	21.06	20.96	20.99		
20	16QAM	50	50	21.14	20.99	20.97	20.96	22.7	0
20	16QAM	100	0	21.18	21.04	20.93	20.99		
20	64QAM	1	0	21.12	21.16	20.96	21.00		
20	64QAM	1	49	21.14	21.12	20.92	21.18	22.7	0
20	64QAM	1	99	21.10	21.08	21.07	20.98		
20	64QAM	50	0	21.25	21.15	21.03	20.88		
20	64QAM	50	24	21.22	21.11	21.12	21.00	22.7	0
20	64QAM	50	50	21.18	21.18	21.06	20.90		
20	64QAM	100	0	21.21	21.24	21.11	20.96		
Channel				40215	40495	40785	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.62	23.63	23.63	23.73		
15	QPSK	1	0	21.00	20.96	21.11	20.93	22.7	0
15	QPSK	1	37	21.08	20.92	21.10	20.95		
15	QPSK	1	74	20.87	20.91	20.91	20.96		
15	QPSK	36	0	20.98	20.91	21.04	21.28		
15	QPSK	36	29	21.10	20.90	21.27	21.23	22.7	0
15	QPSK	36	39	21.02	20.89	21.22	21.24		
15	QPSK	75	0	21.12	20.92	21.23	21.29		
15	16QAM	1	0	21.10	21.04	21.27	21.28	22.7	0
15	16QAM	1	37	21.06	21.03	21.26	21.28		
15	16QAM	1	74	21.07	21.11	21.18	21.22		
15	16QAM	36	0	20.95	20.71	21.07	21.04		
15	16QAM	36	20	20.93	20.96	20.97	21.21	22.7	0
15	16QAM	36	38	20.86	20.75	21.02	21.02		
15	16QAM	36	50	21.04	20.96	21.06	21.19		
15	64QAM	1	0	21.22	21.24	21.26	21.29	22.7	0
15	64QAM	1	37	20.97	21.16	21.03	21.23		
15	64QAM	1	74	21.25	21.08	21.27	21.31		
15	64QAM	36	0	21.14	21.02	21.18	21.07	22.7	0
15	64QAM	36	20	21.22	20.97	21.13	21.19		
15	64QAM	36	39	21.21	21.15	21.08	21.18		
15	64QAM	75	0	21.20	21.28	21.09	21.21	22.7	0
Channel				40240	40500	40770	41090		
Frequency (MHz)				23.55 <th>23.61<th>23.68<th>23.80</th></th></th>	23.61 <th>23.68<th>23.80</th></th>	23.68 <th>23.80</th>	23.80		
10	QPSK	1	0	20.98	21.00	21.07	21.05	22.7	0
10	QPSK	1	25	20.83	20.91	20.89	20.98		
10	QPSK	1	49	20.99	20.94	20.98	20.97		
10	QPSK	25	0	20.89	20.96	20.93	21.21		
10	QPSK	25	12	20.96	20.98	21.27	21.17	22.7	0
10	QPSK	25	25	21.04	20.82	21.21	21.15		
10	QPSK	50	0	20.93	20.97	21.22	21.23		
10	16QAM	1	0	21.21	21.02	21.22	21.04		
10	16QAM	1	25	21.08	21.09	21.25	21.30	22.7	0
10	16QAM	1	49	20.98	21.12	21.27	21.27		
10	16QAM	25	0	20.80	20.88	20.96	21.14		
10	16QAM	25	12	21.13	21.07	21.16	21.10		
10	16QAM	25	25	20.92	21.03	21.06	21.28	22.7	0
10	16QAM	50	0	21.02	20.78	21.08	21.05		
10	64QAM	1	0	21.18	21.19	21.20	21.22		
10	64QAM	1	25	20.99	21.10	20.92	21.15	22.7	0
10	64QAM	1	49	21.12	20.98	21.18	20.95		
10	64QAM	25	0	21.08	20.94	21.10	20.97		
10	64QAM	25	12	21.03	21.09	20.92	21.29	22.7	0
10	64QAM	25	25	21.14	21.11	21.05	21.18		
10	64QAM	50	0	21.19	21.27	21.06	21.21		
Channel				40185	40485	40805	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.47.5	23.57.5	23.611.5	23.647.50		
5	QPSK	1	0	21.12	21.02	21.19	20.75	22.7	0
5	QPSK	1	12	20.98	21.05	21.02	21.05		
5	QPSK	24	0	20.94	20.77	21.00	20.84		
5	QPSK	12	0	21.13	20.93	21.15	21.26		
5	QPSK	12	7	20.95	20.88	21.24	21.23	22.7	0
5	QPSK	12	13	20.93	20.96	21.24	21.22		
5	QPSK	24	0	21.00	21.03	21.27	21.21		
5	16QAM	1	0	21.06	20.98	21.25	21.03		
5	16QAM	1	12	20.97	20.87	21.28	21.24	22.7	0
5	16QAM	1	24	21.04	20.99	21.21	21.22		
5	16QAM	12	0	20.98	20.90	21.00	21.15		
5	16QAM	12	7	20.91	20.85	20.97	21.12		
5	16QAM	12	13	20.95	20.87	21.07	21.10	22.7	0
5	16QAM	25	0	20.99	20.84	21.03	21.09		
5	16QAM	25	12	21.22	21.08	21.28	21.26		
5	64QAM	1	12	21.25	20.94	21.29	20.97	22.7	0
5	64QAM	1	24	21.25	21.04	21.29	21.09		
5	64QAM	12	0	21.13	20.87	21.19	20.94		
5	64QAM	12	7	21.14	20.97	21.01	21.15	22.7	0
5	64QAM	12	13	21.09	21.18	20.98	21.23		
5	64QAM	25	0	21.11	21.10	21.02	20.87		

CA Uplink Power

2CA DL

CA List	PCC								SCC				Power			
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)		
	Band			(MHz)	Freq.		Channel	RB	RB		Band	(MHz)			Freq.	Channel
					(MHz)				Offset						(MHz)	
CA_2A-5A	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.17	23.96		
	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.14	24.30		
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.11	24.04		
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.15	24.12		
CA_4A-5A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	24.01	24.08		
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.72	24.18		
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.12	24.04		
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.15	24.12		
CA_4A-7A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	24.06	24.08		
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.83	24.18		
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	23.44	23.87		
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	23.53	24.25		
CA_5A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.03	24.04		
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.08	24.12		
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	23.37	23.87		
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	24.07	24.25		
CA_7A-7A	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.40	23.87		
CA_7A-7A	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.54	24.25		
CA_41A-41A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.97	23.98		
CA_41A-41A	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.08	24.26		



3CA DL

Configure	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq. (MHz)	Channel		RB	Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx Power (dBm)	Tx Power (dBm)
CA_4A-7C	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.02	24.08
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.35	24.18
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.71	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.88	24.25
CA_5A-7A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.08	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.23	24.12
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.86	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.91	24.25
CA_5A-7C	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.03	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.19	24.12
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.78	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.93	24.25

