

Full Power

<GSM>

GSM850_Acc 0_Full Power	Band Avg. Power (dBm)			Time of Line (Min)	Frame Avg. Power (dBm)			Time of Line (Min)
	128	180	251		128	180	251	
TX Channel	128	180	251		128	180	251	
Frequency(MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
CDM 1 Tx Ant	32.36	32.41	32.31	33.50	23.36	23.41	23.31	24.50
GPRS 1 Tx Ant	32.19	32.24	32.15	33.50	23.19	23.24	23.15	24.50
GPRS 2 Tx Ant	31.57	31.61	31.55	33.50	22.57	22.61	22.55	26.50
GPRS 3 Tx Ant	29.79	29.85	29.82	31.00	20.53	20.59	20.56	26.74
GPRS 4 Tx Ant	28.37	28.42	28.35	30.00	20.37	20.42	20.35	27.00
EDGE 1 Tx Ant	24.97	25.03	25.01	26.00	15.97	16.03	16.01	17.00
EDGE 2 Tx Ant	21.88	21.96	21.92	23.50	17.85	17.96	17.92	19.50
EDGE 3 Tx Ant	21.88	21.87	21.81	23.50	17.40	17.41	17.35	18.25
EDGE 4 Tx Ant	20.46	20.48	20.42	21.50	17.48	17.48	17.42	18.50

<GSM>

GSM1900_Ant 3_FullPower	Burst Avg. Power (dBm)			Time-up Limit (dBm)	Frame Avg. Power (dBm)			Time-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency(MHz)								
GSM 1 Tx slot	29.29	29.38	29.31	30.50	29.29	29.38	29.31	21.50
GPRS 3 Tx slots	29.26	29.31	29.30	30.60	29.25	29.31	29.30	21.50
GPRS 2 Tx slots	28.95	29.57	28.51	29.50	22.55	22.57	22.51	23.00
GPRS 4 Tx slots	28.79	28.82	28.78	27.50	22.63	22.66	22.62	23.24
GPRS 1 Tx slot	25.80	25.68	25.62	26.50	22.60	22.68	22.62	23.00
EDGE 1 Tx slot	24.91	25.03	24.90	25.50	19.51	19.63	19.50	18.50
EDGE 2 Tx slots	21.99	21.95	21.99	21.40	17.89	17.83	17.80	18.50
EDGE 3 Tx slots	21.81	21.88	21.80	22.50	17.55	17.62	17.59	18.24
EDGE 4 Tx slots	20.48	20.50	20.44	21.50	17.48	17.50	17.44	18.50

-WCDMA-													
Band	TR Channel Frequency(MHz)	WCDMA II_Ant 5_Full Power			Tune-up Limit (dBm)	WCDMA IV_Ant 5_Full Power			Tune-up Limit (dBm)	WCDMA V_Ant 5_Full Power			Tune-up Limit (dBm)
		592	940	958		1912	1413	1613		4132	4162	4233	
		1822.4	1880	1927.6	1712.4	1712.4	1712.4	1712.4	4132	4162	4233		
SCPP Rel 09	AMR 12.2kops	22.83	22.88	22.81	24.00	23.71	23.73	23.87	25.00	23.85	23.90	23.89	25.00
	AMR 12.2kops	22.85	22.90	22.83	24.00	23.75	23.76	23.71	25.00	23.88	23.94	23.93	25.00
SCPP Rel 6	HSDPA Subcat-1	21.73	21.89	21.68	23.00	22.42	22.65	22.48	24.00	22.54	22.72	22.84	24.00
	HSDPA Subcat-2	21.77	21.88	21.68	23.00	22.70	22.78	22.77	24.00	22.78	22.88	22.82	24.00
	HSDPA Subcat-3	21.63	21.55	21.35	22.50	22.68	22.76	22.75	23.50	22.76	22.80	22.78	23.50
	HSDPA Subcat-4	21.49	21.58	21.44	22.50	23.18	22.35	22.10	23.50	22.32	22.41	22.29	23.50
SCPP Rel 8	DCHSDPA Subcat-1	21.85	21.83	21.72	23.00	22.69	22.72	22.68	24.00	22.79	22.87	22.80	24.00
	DCHSDPA Subcat-2	21.74	21.81	21.68	23.00	22.65	22.82	22.63	24.00	22.70	22.87	22.78	24.00
	DCHSDPA Subcat-3	21.34	21.51	21.43	22.50	22.07	22.27	21.97	23.50	22.09	22.25	22.18	23.50
	DCHSDPA Subcat-4	21.38	21.53	21.41	22.50	22.18	22.37	22.28	23.50	22.31	22.47	22.44	23.50
SCPP Rel 6	HSPA Subcat-1	21.88	21.84	21.72	23.00	22.47	22.56	22.58	24.00	22.58	22.73	22.58	24.00
	HSPA Subcat-2	19.82	19.88	19.89	21.00	20.83	20.90	20.85	22.00	20.87	20.95	20.80	22.00
	HSPA Subcat-3	20.89	20.86	20.86	22.00	21.82	21.73	21.84	23.00	21.87	21.94	21.90	23.00
	HSPA Subcat-4	19.77	19.85	19.78	21.00	20.49	20.60	20.39	22.00	20.52	20.68	20.57	22.00
	HSPA Subcat-5	21.75	21.80	21.88	23.00	22.43	22.57	22.50	24.00	22.59	22.75	22.61	24.00
	HSPA+ (HSPA) Subcat-1	19.28	19.61	19.55	20.50	20.15	20.18	20.11	21.50	20.32	20.38	20.35	21.50

<LTE Band 5\_Ant 0\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up Limit (dBm)
Channel							
				20450	20525	20600	
Frequency (MHz)							
				829	836.5	844	
10	QPSK	1	0	22.75	22.80	22.76	24.00
10		1	25	22.80	22.79	22.87	24.00
10		1	49	22.84	22.71	22.89	24.00
10		25	0	21.65	21.62	21.65	23.00
10		25	12	21.62	21.61	21.72	23.00
10		25	25	21.68	21.78	21.60	23.00
10		50	0	21.66	21.75	21.59	23.00
10		1	0	21.66	21.76	21.61	23.00
10		1	25	21.70	21.77	21.68	23.00
10		1	49	21.57	21.72	21.55	23.00
10	16QAM	25	0	20.74	20.65	20.79	22.00
10		25	12	20.65	20.84	20.79	22.00
10		25	25	20.69	20.81	20.93	22.00
10		50	0	20.72	20.78	20.67	22.00
10		1	0	20.62	20.79	20.65	22.00
10		1	25	20.56	20.75	20.60	22.00
10	64QAM	1	49	20.62	20.79	20.71	22.00
10		25	0	19.72	19.88	19.76	21.00
10		25	12	19.71	19.82	19.89	21.00
10		25	25	19.78	19.85	19.74	21.00
10		50	0	19.68	19.83	19.75	21.00
10		1	0	17.76	17.86	17.74	19.00
10	256QAM	1	25	17.64	17.72	17.66	19.00
10		1	49	17.61	17.75	17.68	19.00
10		25	0	17.60	17.73	17.60	19.00
10		25	12	17.66	17.68	17.60	19.00
10		25	25	17.60	17.69	17.56	19.00
10		50	0	17.59	17.73	17.67	19.00
Channel							
				20425	20525	20625	
Frequency (MHz)							
				836.5	836.5	846.5	
5	QPSK	1	0	22.83	22.83	22.75	24.00
5		1	12	22.98	22.83	22.83	24.00
5		1	24	22.59	22.56	22.51	24.00
5		12	0	21.63	21.79	21.60	23.00
5		12	7	21.53	21.79	21.62	23.00
5		12	13	21.58	21.75	21.65	23.00
5		25	0	21.56	21.61	21.51	23.00
5		1	0	21.57	21.65	21.47	23.00
5		1	12	21.68	21.69	21.58	23.00
5		1	24	21.46	21.58	21.44	23.00
5	16QAM	1	0	20.54	20.75	20.69	22.00
5		12	7	20.44	20.73	20.70	22.00
5		12	13	20.68	20.67	20.57	22.00
5		25	0	20.55	20.65	20.57	22.00
5		1	0	20.48	20.69	20.57	22.00
5		1	12	20.51	20.73	20.65	22.00
5	64QAM	1	24	20.60	20.69	20.65	22.00
5		12	0	19.59	19.78	19.63	21.00
5		12	7	19.56	19.73	19.56	21.00
5		12	13	19.58	19.78	19.71	21.00
5		25	0	19.55	19.81	19.63	21.00
5		1	0	19.72	17.68	19.68	19.00
5	256QAM	1	12	17.62	17.60	17.54	19.00
5		1	24	17.48	17.64	17.57	19.00
5		12	0	17.53	17.69	17.54	19.00
5		12	7	17.47	17.52	17.45	19.00
5		12	13	17.56	17.62	17.59	19.00
5		25	0	17.52	17.59	17.61	19.00
Channel							
				20415	20525	20625	
Frequency (MHz)							
				836.5	836.5	847.5	
3	QPSK	1	0	22.80	22.75	22.73	24.00
3		1	8	22.51	22.68	22.50	24.00
3		1	14	22.56	22.62	22.60	24.00
3		8	0	21.59	21.77	21.50	23.00
3		8	4	21.52	21.78	21.63	23.00
3		8	7	21.57	21.76	21.49	23.00
3		15	0	21.63	21.72	21.57	23.00
3		1	0	21.58	21.68	21.46	23.00
3		1	8	21.60	21.64	21.58	23.00
3		1	14	21.45	21.68	21.48	23.00
3	16QAM	8	0	20.60	20.62	20.74	22.00
3		8	4	20.57	20.82	20.74	22.00
3		8	7	20.63	20.66	20.50	22.00
3		15	0	20.52	20.69	20.60	22.00
3		1	0	20.58	20.64	20.64	22.00
3		1	8	20.48	20.68	20.52	22.00
3	64QAM	1	14	20.54	20.74	20.59	22.00
3		8	0	19.60	19.80	19.69	21.00
3		8	4	19.60	19.77	19.68	21.00
3		8	7	19.65	19.73	19.62	21.00
3		15	0	19.63	19.80	19.70	21.00
3		1	0	17.69	17.81	17.71	19.00
3	256QAM	1	8	17.54	17.66	17.64	19.00
3		1	14	17.53	17.65	17.68	19.00
3		8	0	17.49	17.60	17.58	19.00
3		8	4	17.53	17.59	17.48	19.00
3		8	7	17.47	17.60	17.50	19.00
3		15	0	17.49	17.66	17.62	19.00
Channel							
				20407	20525	20643	
Frequency (MHz)							
				847.5	847.5	847.5	
1.4	QPSK	1	0	22.71	22.67	22.73	24.00
1.4		1	3	22.53	22.65	22.47	24.00
1.4		1	5	22.61	22.59	22.45	24.00
1.4		3	0	22.80	22.75	22.80	24.00
1.4		3	1	22.51	22.66	22.68	24.00
1.4		3	0	22.56	22.72	22.61	24.00
1.4		6	0	21.55	21.61	21.57	23.00
1.4		1	0	21.53	21.68	21.58	23.00
1.4		1	3	21.68	21.68	21.61	23.00
1.4		1	5	21.53	21.65	21.53	23.00
1.4	16QAM	1	0	20.60	21.72	21.70	23.00
1.4		3	1	21.52	21.70	21.68	23.00
1.4		3	3	21.57	21.71	21.51	23.00
1.4		6	0	20.57	20.78	20.65	22.00
1.4		1	0	20.60	20.73	20.63	22.00
1.4		1	3	20.42	20.83	20.45	22.00
1.4	64QAM	1	5	20.48	20.68	20.66	22.00
1.4		3	0	20.65	20.78	20.73	22.00
1.4		3	1	20.58	20.68	20.61	22.00
1.4		3	3	20.68	20.63	20.68	22.00
1.4		6	0	19.64	19.70	19.64	21.00
1.4		1	0	17.60	17.73	17.68	19.00
1.4	256QAM	1	3	17.62	17.58	17.64	19.00
1.4		1	5	17.47	17.65	17.61	19.00
1.4		3	0	17.60	17.62	17.48	19.00
1.4		3	1	17.49	17.59	17.53	19.00
1.4		3	3	17.47	17.58	17.53	19.00
1.4		6	0	17.51	17.60	17.58	19.00

<LTE Band 7\_Ant 0\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up Limit (dBm)
Channel							
				20650	21100	21550	
Frequency (MHz)							
				2055	2055	2055	
20	QPSK	1	0	23.08	23.23	23.20	24.00
20		1	49	23.06	23.10	23.02	24.00
20		1	99	23.01	23.16	23.07	24.00
20		50	0	22.08	22.34	22.18	23.00
20		50	24	22.03	22.29	22.29	23.00
20		50	50	22.11	22.28	22.21	23.00
20		100	0	22.01	22.28	22.24	23.00
20		1	0	22.26	22.36	22.23	23.00
20		1	49	22.15	22.32	22.19	23.00
20		1	99	22.20	22.38	22.23	23.00
20	16QAM	50	0	21.09	21.33	21.19	22.00
20		50	24	21.11	21.28	21.22	22.00
20		50	50	21.09	21.27	21.23	22.00
20		100	0	21.02	21.27	21.20	22.00
20		1	0	21.25	21.42	21.37	22.00
20		1	49	21.21	21.46	21.38	22.00
20	64QAM	1	99	21.17	21.45	21.31	22.00
20		50	0	20.16	20.32	20.27	21.00
20		50	24	20.08	20.28	20.11	21.00
20		50	50	20.01	20.27	20.20	21.00
20		100	0	20.10	20.34	20.18	21.00
20		1	0	18.35	18.52	18.47	19.00
20	256QAM	1	49	18.33	18.51	18.36	19.00
20		1	99	18.30	18.45	18.37	19.00
20		50	0	18.23	18.48	18.37	19.00
20		50	24	18.20	18.39	18.32	19.00
20		50	50	18.18	18.38	18.20	19.00
20		100	0	18.18	18.41	18.32	19.00
Channel							
				20625	21100	21575	
Frequency (MHz)							
				2052	2052	2052	
15	QPSK	1	0	23.06	23.13	23.06	24.00
15		1	37	23.00	23.18	23.00	24.00
15		1	74	23.00	23.10	23.03	24.00
15		38	0	22.00	22.20	22.07	23.00
15		38	20	22.08	22.25	22.11	23.00
15		38	40	22.02	22.29	22.17	23.00
15		75					

<LTE Band 26\_Ant 0\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up Limit [dBm]	
Channel				26705	26805	26905		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.71	22.84	22.88	24.00	
15		1	37	22.82	22.78	22.90	24.00	
15		1	74	22.92	22.68	22.81	24.00	
15		36	0	21.61	21.80	21.52	23.00	
15		36	20	21.46	21.72	21.45	23.00	
15		36	39	21.43	21.69	21.50	23.00	
15		75	0	21.54	21.75	21.57	23.00	
15		1	0	21.82	21.96	21.74	23.00	
15		1	37	21.92	22.00	21.91	23.00	
15		1	74	21.65	21.85	21.65	23.00	
15		36	0	20.58	20.78	20.60	22.00	
15		36	20	20.45	20.69	20.42	22.00	
15		36	39	20.46	20.70	20.51	22.00	
15		75	0	20.62	20.78	20.48	22.00	
15		16QAM	1	0	20.71	20.85	20.58	22.00
15	1		37	20.83	20.98	20.81	22.00	
15	1		74	20.48	20.70	20.53	22.00	
15	36		0	19.74	19.90	19.64	21.00	
15	36		20	19.73	19.87	19.62	21.00	
15	36		39	19.68	19.82	19.58	21.00	
15	75		0	19.63	19.89	19.71	21.00	
15	1		0	17.85	18.01	17.78	19.00	
15	1		37	17.89	18.01	17.85	19.00	
15	1		74	17.72	17.86	17.68	19.00	
15	36		0	17.74	17.80	17.73	19.00	
15	36		20	17.69	17.88	17.64	19.00	
15	36		39	17.67	17.80	17.58	19.00	
15	75		0	17.75	17.87	17.69	19.00	
Channel				26740	26840	26940		
Frequency (MHz)				831.5	841.5	851.5		
10	QPSK	1	0	22.67	22.80	22.55	24.00	
10		1	35	22.54	22.76	22.52	24.00	
10		1	49	22.41	22.60	22.33	24.00	
10		25	0	21.52	21.67	21.47	23.00	
10		25	12	21.38	21.64	21.32	23.00	
10		25	25	21.51	21.62	21.46	23.00	
10		50	0	21.62	21.64	21.44	23.00	
10		1	0	21.79	21.82	21.64	23.00	
10		1	25	21.83	21.94	21.88	23.00	
10		1	49	21.83	21.84	21.54	23.00	
10	16QAM	1	0	20.51	20.74	20.47	22.00	
10		25	12	20.38	20.67	20.30	22.00	
10		25	25	20.44	20.61	20.38	22.00	
10		50	0	20.54	20.63	20.43	22.00	
10		1	0	20.67	20.72	20.51	22.00	
10		1	25	20.76	20.84	20.71	22.00	
10		1	49	20.44	20.62	20.38	22.00	
10		25	0	19.72	19.88	19.58	21.00	
10		25	12	19.68	19.83	19.58	21.00	
10		25	25	19.52	19.80	19.51	21.00	
10	256QAM	1	0	19.73	19.98	17.64	19.00	
10		1	25	17.79	17.80	17.78	19.00	
10		1	49	17.70	17.76	17.43	19.00	
10		25	0	17.64	17.76	17.58	19.00	
10		25	12	17.54	17.72	17.53	19.00	
10		25	25	17.45	17.66	17.52	19.00	
10		50	0	17.62	17.75	17.64	19.00	
Channel				26775	26875	26975		
Frequency (MHz)				841.5	851.5	861.5		
5		QPSK	1	0	22.58	22.81	22.82	24.00
5	1		12	22.50	22.70	22.47	24.00	
5	1		24	22.51	22.66	22.38	24.00	
5	12		0	21.48	21.77	21.41	23.00	
5	12		7	21.45	21.68	21.43	23.00	
5	12		13	21.28	21.64	21.43	23.00	
5	25		0	21.44	21.69	21.45	23.00	
5	1		0	21.89	21.86	21.66	23.00	
5	1		12	21.83	21.90	21.90	23.00	
5	1		24	21.54	21.77	21.61	23.00	
5	12		0	20.53	20.78	20.51	22.00	
5	12		7	20.39	20.68	20.27	22.00	
5	12		13	20.45	20.56	20.47	22.00	
5	25		0	20.47	20.71	20.46	22.00	
5	16QAM		1	0	20.68	20.78	20.57	22.00
5		1	12	20.81	20.85	20.78	22.00	
5		1	24	20.46	20.67	20.39	22.00	
5		12	0	19.67	19.78	19.55	21.00	
5		12	7	19.69	19.75	19.60	21.00	
5		12	13	19.56	19.82	19.48	21.00	
5		25	0	19.53	19.83	19.80	21.00	
5		1	0	17.81	17.96	17.71	19.00	
5		1	12	17.77	17.94	17.72	19.00	
5		1	24	17.81	17.83	17.44	19.00	
5		12	0	17.84	17.87	17.72	19.00	
5		12	7	17.80	17.74	17.53	19.00	
5		12	13	17.44	17.73	17.43	19.00	
5		25	0	17.66	17.72	17.59	19.00	
Channel				26760	26860	26960		
Frequency (MHz)				831.5	841.5	851.5		
3	QPSK	1	0	22.58	22.70	22.54	24.00	
3		1	8	22.58	22.75	22.50	24.00	
3		1	14	22.30	22.61	22.37	24.00	
3		8	0	21.51	21.68	21.46	23.00	
3		8	4	21.38	21.83	21.40	23.00	
3		8	7	21.51	21.56	21.41	23.00	
3		15	0	21.47	21.60	21.46	23.00	
3		1	0	21.78	21.88	21.63	23.00	
3		1	8	21.83	22.04	21.90	23.00	
3		1	14	21.63	21.79	21.80	23.00	
3		8	0	20.54	20.74	20.47	22.00	
3		8	4	20.33	20.58	20.38	22.00	
3		8	7	20.35	20.62	20.44	22.00	
3		15	0	20.58	20.64	20.41	22.00	
3		16QAM	1	0	20.68	20.82	20.52	22.00
3	1		8	20.76	20.94	20.66	22.00	
3	1		14	20.45	20.65	20.50	22.00	
3	8		0	19.69	19.88	19.63	21.00	
3	8		4	19.70	19.77	19.56	21.00	
3	8		7	19.63	19.79	19.46	21.00	
3	15		0	19.59	19.82	19.84	21.00	
3	1		0	17.72	17.96	17.72	19.00	
3	1		8	17.83	17.95	17.79	19.00	
3	1		14	17.64	17.83	17.52	19.00	
3	8		0	17.65	17.80	17.70	19.00	
3	8		4	17.62	17.77	17.51	19.00	
3	8		7	17.45	17.86	17.51	19.00	
3	15		0	17.66	17.83	17.60	19.00	
Channel				26697	26803	26909		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.58	22.73	22.60	24.00	
1.4		1	3	22.54	22.69	22.59	24.00	
1.4		1	6	22.38	22.69	22.31	24.00	
1.4		3	0	22.01	22.01	22.00	24.00	
1.4		3	3	22.01	22.00	22.00	24.00	
1.4		6	0	21.42	21.62	21.43	23.00	
1.4		1	0	21.75	21.87	21.68	23.00	
1.4		1	3	21.83	21.97	21.78	23.00	
1.4		1	6	21.63	21.81	21.55	23.00	
1.4		3	0	21.00	21.00	21.01	23.00	
1.4		3	1	21.00	21.01	21.01	23.00	
1.4		3	3	21.00	21.00	21.00	23.00	
1.4		6	0	20.54	20.71	20.43	22.00	
1.4		1	0	20.67	20.79	20.54	22.00	
1.4		16QAM	1	0	20.74	20.88	20.70	22.00
1.4	1		6	20.45	20.67	20.41	22.00	
1.4	3		0	20.00	20.00	20.00	22.00	
1.4	3		1	20.01	20.01	20.02	22.00	
1.4	3		3	20.06	20.06	20.06	22.00	
1.4	6		0	19.98	19.85	19.98	21.00	
1.4	1		0	17.75	17.91	17.78	19.00	
1.4	1		3	17.86	17.89	17.75	19.00	
1.4	1		6	17.70	17.83	17.47	19.00	
1.4	3		0	17.72	17.89	17.65	19.00	
1.4	3		1	17.62	17.76	17.58	19.00	
1.4	3		3	17.44	17.68	17.48	19.00	
1.4	6		0	17.64	17.82	17.56	19.00	

<LTE Band 39\_Ant 0\_Full Power>

Band (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac)	Power High Ch. (Frac)	Power High Ch. (Frac)	Turn-up Limit (dBm)
Channel							
Frequency (MHz)				3760	3800	3840	
Frequency (MHz)				2590	2550	2610	
20	1	0	0	23.35	23.40	23.38	24.00
20	1	49	0	23.22	23.27	23.18	24.00
20	1	99	0	23.09	23.09	23.00	24.00
20	50	0	0	22.16	22.22	22.20	23.00
20	50	24	0	22.04	22.20	22.11	23.00
20	50	50	0	22.08	22.18	22.07	23.00
20	100	0	0	22.10	22.24	22.08	23.00
20	1	0	0	22.29	22.42	22.23	23.00
20	1	49	0	22.25	22.32	22.17	23.00
20	1	99	0	22.04	22.15	22.01	23.00
20	50	0	0	21.25	21.35	21.23	22.00
20	50	24	0	21.14	21.30	21.16	22.00
20	50	50	0	21.13	21.21	21.12	22.00
20	100	0	0	21.19	21.28	21.19	22.00
20	1	0	0	21.05	21.09	21.00	22.00
20	1	49	0	21.00	21.01	21.00	22.00
20	1	99	0	21.00	21.01	21.01	22.00
20	50	0	0	20.28	20.37	20.18	21.00
20	50	24	0	20.13	20.29	20.21	21.00
20	50	50	0	20.19	20.22	20.13	21.00
20	100	0	0	20.10	20.24	20.14	21.00
20	1	0	0	19.25	19.33	19.26	19.00
20	1	49	0	18.11	18.27	18.14	19.00
20	1	99	0	18.00	18.09	18.00	19.00
20	50	0	0	18.40	18.47	18.42	19.00
20	50	24	0	18.32	18.42	18.28	19.00
20	50	50	0	18.27	18.31	18.27	19.00
20	100	0	0	18.30	18.35	18.25	19.00
Channel							
Frequency (MHz)				3765	3800	3815	Turn-up Limit (dBm)
Frequency (MHz)				2577.5	2555	2612.5	
15	1	0	0	23.38	23.29	23.30	24.00
15	1	37	0	23.09	23.28	23.07	24.00
15	1	74	0	23.00	23.02	23.00	24.00
15	36	0	0	22.02	22.30	22.14	23.00
15	36	20	0	22.08	22.20	22.02	23.00
15	36	39	0	22.00	22.14	22.03	23.00
15	75	0	0	22.04	22.14	22.01	23.00
15	1	0	0	22.15	22.34	22.21	23.00
15	1	37	0	22.18	22.25	22.03	23.00
15	1	74	0	22.03	22.08	22.00	23.00
15	36	0	0	21.21	21.24	21.16	22.00
15	36	20	0	21.05	21.18	21.07	22.00
15	36	39	0	21.08	21.08	21.00	22.00
15	75	0	0	21.18	21.25	21.15	22.00
15	1	0	0	21.02	21.01	21.01	22.00
15	1	37	0	21.00	21.01	21.02	22.00
15	1	74	0	21.01	21.00	21.02	22.00
15	36	0	0	20.20	20.15	20.12	21.00
15	36	20	0	20.00	20.28	20.17	21.00
15	36	39	0	20.12	20.18	20.11	21.00
15	75	0	0	20.01	20.10	20.08	21.00
15	1	0	0	18.12	18.24	18.20	19.00
15	1	37	0	18.03	18.12	18.05	19.00
15	1	74	0	18.00	18.00	18.00	19.00
15	36	0	0	18.38	18.35	18.33	19.00
15	36	20	0	18.27	18.32	18.25	19.00
15	36	39	0	18.13	18.31	18.22	19.00
15	75	0	0	18.28	18.21	18.19	19.00
Channel							
Frequency (MHz)				3770	3800	3820	Turn-up Limit (dBm)
Frequency (MHz)				2572.5	2555	2617.5	
10	1	0	0	23.32	23.49	23.33	24.00
10	1	25	0	23.08	23.13	23.11	24.00
10	1	49	0	23.00	23.02	23.01	24.00
10	25	0	0	22.01	22.29	22.05	23.00
10	25	12	0	22.11	22.16	22.06	23.00
10	25	25	0	22.05	22.20	22.05	23.00
10	50	0	0	22.00	22.18	22.02	23.00
10	1	0	0	22.21	22.39	22.14	23.00
10	1	25	0	22.12	22.20	22.05	23.00
10	1	49	0	22.00	22.11	22.02	23.00
10	25	0	0	21.25	21.31	21.21	22.00
10	25	12	0	21.13	21.23	21.11	22.00
10	25	25	0	21.08	21.07	21.05	22.00
10	50	0	0	21.04	21.16	21.11	22.00
10	1	0	0	21.00	21.00	21.01	22.00
10	1	25	0	21.00	21.00	21.00	22.00
10	1	49	0	21.00	21.00	21.00	22.00
10	25	0	0	20.24	20.23	20.14	21.00
10	25	12	0	20.05	20.22	20.15	21.00
10	25	25	0	20.10	20.09	20.00	21.00
10	50	0	0	20.02	20.09	20.02	21.00
10	1	0	0	18.19	18.29	18.16	19.00
10	1	25	0	18.01	18.13	18.00	19.00
10	1	49	0	18.00	18.07	18.01	19.00
10	25	0	0	18.28	18.45	18.40	19.00
10	25	12	0	18.28	18.29	18.29	19.00
10	25	25	0	18.16	18.31	18.24	19.00
10	50	0	0	18.28	18.32	18.21	19.00
Channel							
Frequency (MHz)				3775	3800	3825	Turn-up Limit (dBm)
Frequency (MHz)				2572.5	2555	2617.5	
5	1	0	0	23.39	23.42	23.33	24.00
5	1	12	0	23.09	23.15	23.10	24.00
5	1	24	0	23.00	23.00	23.00	24.00
5	12	0	0	22.02	22.28	22.13	23.00
5	12	7	0	22.01	22.19	22.08	23.00
5	12	13	0	22.02	22.14	22.00	23.00
5	25	0	0	22.04	22.11	22.02	23.00
5	1	0	0	22.25	22.29	22.11	23.00
5	1	12	0	22.11	22.23	22.06	23.00
5	1	24	0	22.00	22.00	22.01	23.00
5	12	0	0	21.21	21.23	21.11	22.00
5	12	7	0	21.03	21.19	21.08	22.00
5	12	13	0	21.04	21.07	21.03	22.00
5	25	0	0	21.13	21.21	21.03	22.00
5	1	0	0	21.02	21.01	21.00	22.00
5	1	12	0	21.01	21.00	21.00	22.00
5	1	24	0	21.01	21.00	21.00	22.00
5	12	0	0	20.21	20.28	20.07	21.00
5	12	7	0	20.00	20.20	20.18	21.00
5	12	13	0	20.12	20.08	20.06	21.00
5	25	0	0	20.07	20.14	20.00	21.00
5	1	0	0	18.18	18.25	18.19	19.00
5	1	12	0	18.00	18.17	18.10	19.00
5	1	24	0	18.00	18.00	18.00	19.00
5	12	0	0	18.30	18.43	18.41	19.00
5	12	7	0	18.27	18.28	18.25	19.00
5	12	13	0	18.21	18.22	18.18	19.00
5	25	0	0	18.21	18.21	18.24	19.00

<LTE Band 41\_Ant 0\_Full Power>

Band (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Frac)	Power High Ch. (Frac)	Power High Ch. (Frac)	Turn-up Limit (dBm)
Channel							
Frequency (MHz)				3970	4018	4060	4160
Frequency (MHz)				2596	2545	2593	2685
20	1	0	0	23.06	23.23	23.42	23.19
20	1	49	0	23.02	23.13	23.14	23.00
20	1	99	0	23.00	23.11	23.11	23.00
20	50	0	0	22.01	22.10	22.42	22.16
20	50	24	0	22.00	22.41	22.41	22.05
20	50	50	0	22.02	22.11	22.37	22.12
20	100	0	0	22.00	22.14	22.40	22.13
20	1	0	0	22.00	22.16	22.47	22.21
20	1	49	0	22.11	22.27	22.52	22.22
20	1	99	0	22.00	22.10	22.38	22.15
20	50	0	0	21.05	21.19	21.48	21.12
20	50	24	0	21.02	21.25	21.45	21.13
20	50	50	0	21.00	21.12	21.42	21.07
20	100	0	0	21.01	21.11	21.42	21.17
20	1	0	0	21.00	21.00	21.14	21.02
20	1	49	0	21.00	21.00	21.18	21.00
20	1	99	0	21.00	21.00	21.04	21.01
20	50	0	0	20.08	20.22	20.48	20.18
20	50	24	0	20.01	20.19	20.46	20.17
20	50	50	0	20.03	20.21	20.43	20.19
20	100	0	0	20.01	20.18	20.41	20.12
20	1	0	0	18.02	18.04	18.33	18.07
20	1	49	0	18.04	18.18	18.37	18.06
20	1	99	0	18.01	18.00	18.23	18.01
20	50	0	0	18.07	18.20	18.50	18.20
20	50	24	0	18.14	18.28	18.50	18.19
20	50	50	0				



# Appendix E

<LTE Band 7_Ant 1_Full Power>										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Channel				2580	2100	2450				
Frequency (MHz)				2510	2555	2590				
20	QPSK	1	0	23.35	23.45	23.38	24.00			
20		1	49	23.33	23.43	23.31	24.00			
20		1	99	23.36	23.39	23.37	24.00			
20		50	0	22.26	22.42	22.38	23.00			
20		50	24	22.36	22.41	22.28	23.00			
20		50	50	22.24	22.35	22.30	23.00			
20		100	0	22.27	22.44	22.28	23.00			
20		1	0	22.54	22.62	22.52	23.00			
20		1	49	22.55	22.65	22.58	23.00			
20		1	99	22.56	22.68	22.65	23.00			
20	16QAM	50	0	21.63	21.59	21.52	22.00			
20		50	24	21.47	21.61	21.48	22.00			
20		50	50	21.45	21.57	21.42	22.00			
20		100	0	21.49	21.68	21.47	22.00			
20		1	0	21.50	21.58	21.48	22.00			
20		1	49	21.45	21.58	21.53	22.00			
20		1	99	21.53	21.62	21.49	22.00			
20		50	0	20.46	20.58	20.52	21.00			
20		50	24	20.51	20.62	20.50	21.00			
20		50	50	20.48	20.56	20.48	21.00			
20	64QAM	100	0	20.50	20.63	20.55	21.00			
20		1	0	18.13	18.27	18.19	19.00			
20		1	49	18.16	18.32	18.18	19.00			
20		1	99	18.16	18.31	18.25	19.00			
20		50	0	18.21	18.36	18.32	19.00			
20		50	24	18.33	18.39	18.28	19.00			
20		50	50	18.21	18.38	18.31	19.00			
20		100	0	18.35	18.42	18.32	19.00			
Channel				2625	2100	2375				
Frequency (MHz)				257.5	255	250.5				
15	QPSK	1	0	23.28	23.26	23.24	24.00			
15		1	37	23.28	23.33	23.29	24.00			
15		1	74	23.29	23.33	23.31	24.00			
15		38	0	22.24	22.37	22.32	23.00			
15		38	20	22.34	22.33	22.12	23.00			
15		38	39	22.09	22.29	22.28	23.00			
15		75	0	22.14	22.26	22.18	23.00			
15		1	0	22.50	22.47	22.48	23.00			
15		1	37	22.42	22.61	22.52	23.00			
15		1	74	22.35	22.57	22.52	23.00			
15	16QAM	38	0	21.42	21.51	21.37	22.00			
15		38	20	21.53	21.51	21.53	22.00			
15		38	39	21.39	21.56	21.42	22.00			
15		75	0	21.41	21.53	21.38	22.00			
15		1	0	21.44	21.51	21.47	22.00			
15		1	37	21.36	21.41	21.42	22.00			
15		1	74	21.49	21.67	21.34	22.00			
15		38	0	20.35	20.49	20.38	21.00			
15		38	20	20.47	20.56	20.42	21.00			
15		38	39	20.35	20.52	20.45	21.00			
15	64QAM	75	0	20.43	20.58	20.51	21.00			
15		1	0	18.08	18.25	18.14	19.00			
15		1	37	18.02	18.21	18.07	19.00			
15		1	74	18.03	18.18	18.15	19.00			
15		38	0	18.16	18.32	18.27	19.00			
15		38	20	18.28	18.33	18.20	19.00			
15		38	39	18.08	18.37	18.29	19.00			
15		75	0	18.24	18.39	18.20	19.00			
Channel				2650	2100	2400				
Frequency (MHz)				260	255	250				
10	QPSK	1	0	23.32	23.34	23.29	24.00			
10		1	25	23.28	23.29	23.25	24.00			
10		1	49	23.34	23.33	23.30	24.00			
10		25	0	22.22	22.34	22.30	23.00			
10		25	13	22.25	22.36	22.14	23.00			
10		25	25	22.23	22.29	22.20	23.00			
10		50	0	22.20	22.31	22.18	23.00			
10		1	0	22.42	22.48	22.45	23.00			
10		1	25	22.46	22.65	22.41	23.00			
10		1	49	22.43	22.62	22.62	23.00			
10	16QAM	25	0	21.42	21.55	21.42	22.00			
10		25	12	21.44	21.47	21.41	22.00			
10		25	25	21.43	21.44	21.35	22.00			
10		50	0	21.44	21.44	21.42	22.00			
10		1	0	21.42	21.57	21.40	22.00			
10		1	25	21.34	21.54	21.40	22.00			
10		1	49	21.46	21.56	21.38	22.00			
10		25	0	20.33	20.48	20.38	21.00			
10		25	12	20.46	20.55	20.48	21.00			
10		25	25	20.41	20.51	20.42	21.00			
10	64QAM	50	0	20.43	20.62	20.48	21.00			
10		1	0	18.03	18.17	18.15	19.00			
10		1	25	18.14	18.30	18.15	19.00			
10		1	49	18.13	18.21	18.14	19.00			
10		25	0	18.19	18.27	18.29	19.00			
10		25	12	18.23	18.24	18.13	19.00			
10		25	25	18.19	18.30	18.23	19.00			
10		50	0	18.23	18.29	18.25	19.00			
Channel				2675	2100	2425				
Frequency (MHz)				252.5	255	250.5				
5	QPSK	1	0	23.29	23.28	23.27	24.00			
5		1	12	23.29	23.29	23.26	24.00			
5		1	24	23.29	23.40	23.34	24.00			
5		12	0	22.13	22.30	22.34	23.00			
5		12	7	22.25	22.39	22.12	23.00			
5		12	13	22.20	22.24	22.17	23.00			
5		25	0	22.25	22.31	22.22	23.00			
5		1	0	22.41	22.54	22.50	23.00			
5		1	12	22.45	22.60	22.48	23.00			
5		1	24	22.46	22.57	22.61	23.00			
5	16QAM	12	0	21.48	21.47	21.44	22.00			
5		12	7	21.38	21.68	21.38	22.00			
5		12	13	21.36	21.56	21.31	22.00			
5		25	0	21.42	21.53	21.43	22.00			
5		1	0	21.45	21.55	21.44	22.00			
5		1	12	21.41	21.49	21.42	22.00			
5		1	24	21.43	21.60	21.38	22.00			
5		12	0	20.40	20.54	20.45	21.00			
5		12	7	20.42	20.56	20.36	21.00			
5		12	13	20.43	20.42	20.38	21.00			
5	64QAM	25	0	20.46	20.51	20.43	21.00			
5		1	0	18.02	18.23	18.08	19.00			
5		1	12	18.07	18.18	18.10	19.00			
5		1	24	18.03	18.26	18.14	19.00			
5		12	0	18.08	18.25	18.31	19.00			
5		12	7	18.28	18.29	18.20	19.00			
5		12	13	18.12	18.29	18.23	19.00			
5		25	0	18.25	18.34	18.29	19.00			

<LTE Band 39\_Ant 1\_Full Power>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-up Limit (dBm)	
				Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.		
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
20	QPSK	1	0	22.81	22.88	22.85	24.00	
20		1	49	22.87	22.88	22.74	24.00	
20		1	99	22.84	22.81	22.73	24.00	
20		50	0	22.92	21.77	21.77	23.00	
20		50	24	21.72	21.89	21.85	23.00	
20		50	50	21.78	21.88	21.75	23.00	
20		100	0	21.71	21.85	21.74	23.00	
20		1	0	21.72	21.81	21.71	23.00	
20		1	49	21.75	21.84	21.71	23.00	
20		1	99	21.78	21.82	21.78	23.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
20	16QAM	50	0	20.74	20.89	20.73	22.00	
20		50	24	20.70	20.85	20.73	22.00	
20		50	50	20.68	20.81	20.67	22.00	
20		100	0	20.68	20.84	20.72	22.00	
20		1	0	20.77	20.86	20.78	22.00	
20		1	49	20.73	20.87	20.85	22.00	
20		1	99	20.83	20.84	20.80	22.00	
20		50	0	19.66	19.85	19.74	21.00	
20		50	24	19.75	19.84	19.78	21.00	
20		50	50	19.87	19.88	19.78	21.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
20	64QAM	100	0	19.66	19.82	19.87	21.00	
20		1	0	17.72	17.81	17.75	19.00	
20		1	49	17.77	17.85	17.68	19.00	
20		1	99	17.77	17.88	17.75	19.00	
20		50	0	17.79	17.87	17.71	19.00	
20		50	24	17.73	17.82	17.78	19.00	
20		50	50	17.73	17.88	17.80	19.00	
20		100	0	17.67	17.83	17.87	19.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
15	QPSK	1	0	22.79	22.78	22.75	24.00	
15		1	37	22.91	22.74	22.85	24.00	
15		1	74	22.82	22.74	22.68	24.00	
15		36	0	21.70	21.84	21.68	23.00	
15		36	20	21.66	21.80	21.76	23.00	
15		36	39	21.77	21.78	21.65	23.00	
15		75	0	21.57	21.64	21.64	23.00	
15		1	0	21.58	21.69	21.59	23.00	
15		1	37	21.64	21.73	21.60	23.00	
15		1	74	21.70	21.72	21.70	23.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
15	16QAM	36	0	20.69	20.74	20.71	22.00	
15		36	20	20.61	20.84	20.62	22.00	
15		36	39	20.66	20.72	20.60	22.00	
15		75	0	20.61	20.74	20.69	22.00	
15		1	0	20.68	20.77	20.64	22.00	
15		1	37	20.58	20.78	20.73	22.00	
15		1	74	20.62	20.78	20.73	22.00	
15		36	0	19.52	19.78	19.73	21.00	
15		36	20	19.64	19.71	19.62	21.00	
15		36	39	19.54	19.75	19.70	21.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
15	64QAM	75	0	19.61	19.73	19.63	21.00	
15		1	0	17.83	17.84	17.81	19.00	
15		1	37	17.69	17.74	17.67	19.00	
15		1	74	17.84	17.82	17.88	19.00	
15		36	0	17.73	17.83	17.89	19.00	
15		36	20	17.65	17.78	17.81	19.00	
15		36	39	17.70	17.83	17.84	19.00	
15		75	0	17.62	17.68	17.65	19.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
10	QPSK	1	0	22.75	22.76	22.78	24.00	
10		1	25	22.85	22.79	22.87	24.00	
10		1	49	22.50	22.89	22.85	24.00	
10		25	0	21.81	21.77	21.86	23.00	
10		25	12	21.64	21.86	21.73	23.00	
10		25	25	21.78	21.78	21.62	23.00	
10		50	0	21.67	21.81	21.82	23.00	
10		1	0	21.61	21.72	21.59	23.00	
10		1	25	21.67	21.77	21.59	23.00	
10		1	49	21.75	21.78	21.71	23.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
10	16QAM	25	0	20.61	20.83	20.65	22.00	
10		25	12	20.57	20.80	20.67	22.00	
10		25	25	20.57	20.73	20.61	22.00	
10		50	0	20.55	20.70	20.63	22.00	
10		1	0	20.74	20.83	20.78	22.00	
10		1	25	20.60	20.85	20.77	22.00	
10		1	49	20.55	20.80	20.66	22.00	
10		25	0	19.55	19.77	19.73	21.00	
10		25	12	19.66	19.74	19.70	21.00	
10		25	25	19.59	19.78	19.84	21.00	
Channel				37620	38000	38175	26.015	
Frequency (MHz)				2000	2056	2010		
10	64QAM	50	0	19.63	19.78	19.80	21.00	
10		1	0	17.67	17.78	17.80	19.00	
10		1	25	17.75	17.73	17.82	19.00	
10		1	49	17.65	17.82	17.72	19.00	
10		25	0	17.84	17.82	17.89	19.00	
10		25	12	17.69	17.73	17.68	19.00	
10		25	25	17.67	17.84	17.88	19.00	
10		50	0	17.68	17.71	17.68	19.00	
Channel				3775	3800	3825	26.015	
Frequency (MHz)				2512.5	2560	2617.5		
5	QPSK	1	0	22.88	22.83	22.82	24.00	
5		1	12	22.59	22.82	22.87	24.00	
5		1	24	22.55	22.78	22.81	24.00	
5		12	0	21.68	21.79	21.75	23.00	
5		12	7	21.69	21.78	21.78	23.00	
5		12	13	21.66	21.82	21.67	23.00	
5		25	0	21.63	21.78	21.64	23.00	
5		1	0	21.65	21.73	21.69	23.00	
5		1	12	21.64	21.79	21.63	23.00	
5		1	24	21.71	21.78	21.72	23.00	
Channel				3775	3800	3825	26.015	
Frequency (MHz)				2512.5	2560	2617.5		
5	16QAM	12	0	20.69	20.75	20.59	22.00	
5		12	7	20.60	20.77	20.70	22.00	
5		12	13	20.64	20.68	20.61	22.00	
5		25	0	20.58	20.81	20.65	22.00	
5		1	0	20.88	20.73	20.75	22.00	
5		1	12	20.70	20.73	20.74	22.00	
5		1	24	20.58	20.73	20.76	22.00	
5		12	0	19.58	19.71	19.60	21.00	
5		12	7	19.71	19.71	19.75	21.00	
5		12	13	19.62	19.81	19.83	21.00	
Channel				3775	3800	3825	26.015	
Frequency (MHz)				2512.5	2560	2617.5		
5	64QAM	25	0	19.63	19.78	19.81	21.00	
5		1	0	17.68	17.78	17.84	19.00	
5		1	12	17.66	17.78	17.85	19.00	
5		12	0	17.78	17.78	17.81	19.00	
5		12	7	17.62	17.78	17.84	19.00	
5		12	13	17.70	17.84	17.86	19.00	
5		25	0	17.59	17.82	17.84	19.00	

<LTE Band 41\_Ant 1\_Full Power>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-up Limit (dBm)
				Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel				40185	40620	41055	26.015
Frequency (MHz)				2000	2046.5	2093	2034.5
20	QPSK	1	0	22.68	22.68	22.61	24.00
20		1	49	22.56	22.51	22.79	24.00
20		1	99	22.45	22.50	22.75	24.00
20		50	0	22.65	22.58	22.65	23.00
20		50	24	22.40	22.53	22.80	23.00
20		50	50	22.47	22.50	22.84	23.00
20		100	0	22.56	22.58	22.82	23.00
20		1	0	22.54	22.53	22.78	23.00
20		1	49	22.53	22.43	22.81	23.00
20		1	99	22.48	22.61	22.88	23.00
Channel				40185	40620	41055	26.015
Frequency (MHz)				2000	2046.5	2093	2034.5
20	16QAM	50	0	21.57	21.58	21.81	22.00
20		50	24	21.53	21.54	21.79	22.00
20		50	50	21.48	21.51	21.84	22.00
20		100	0	21.58	21.59	21.84	22.00
20		1	0	21.46	21.51	21.81	22.00
20		1	49	21.52	21.52	21.85	22.00
20		1	99	21.48	21.44	21.80	22.00
20		50	0	20.53	20.45	20.60	21.00
20		50	24	20.58	20.45	20.80	21.00
20		50	50	20.51	20.61	20.86	21.00
Channel				40185	40620	41055	26.015
Frequency (MHz)				2000	2046.5	2093	2034.5
20	64QAM	100	0	20.48	20.60	20.82	21.00
20		1	0	19.57	19.56	19.87	19.00



<FR1 n5\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				16600	16700	16800	
20	P/2 BPSK	1	1	23.48	23.51	23.48	24.00
20		1	53	23.37	23.45	23.28	24.00
20		1	104	23.29	23.46	23.32	24.00
20		50	0	22.97	23.05	22.98	23.50
20		50	28	23.36	23.44	23.25	24.00
20		50	56	22.97	23.03	22.84	23.50
20		100	0	22.91	22.99	22.92	23.50
20		1	1	23.41	23.48	23.34	24.00
20		1	53	23.30	23.46	23.35	24.00
20		1	104	23.22	23.41	23.27	24.00
20	QPSK	50	0	22.48	22.53	22.42	23.00
20		50	28	23.33	23.46	23.28	24.00
20		50	56	22.39	22.51	22.38	23.00
20		100	0	22.40	22.48	22.29	23.00
20	16QAM	1	1	22.38	22.46	22.32	23.00
20	64QAM	1	1	22.95	23.03	22.97	23.50
20	256QAM	1	1	18.78	18.95	18.90	19.50
Channel							
Frequency (MHz)				16850	16750	16850	Tune-up Limit (dBm)
15	P/2 BPSK	1	1	23.45	23.42	23.40	24.00
Channel							
Frequency (MHz)				16900	16700	16900	Tune-up Limit (dBm)
10	P/2 BPSK	1	1	23.44	23.40	23.44	24.00
Channel							
Frequency (MHz)				16950	16750	16950	Tune-up Limit (dBm)
5	P/2 BPSK	1	1	23.45	23.46	23.38	24.00

<FR1 n7\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				50000	50000	50000	
50	P/2 BPSK	1	1	22.71	22.76	22.65	24.00
50		1	135	22.27	22.36	22.22	24.00
50		1	268	22.47	22.40	22.39	24.00
50		135	0	22.98	22.77	22.75	23.50
50		135	68	22.44	22.55	22.38	24.00
50		135	135	22.22	22.33	22.10	23.50
50		270	0	22.10	22.24	22.08	23.50
50		1	1	22.39	22.46	22.35	24.00
50		1	135	22.47	22.27	22.40	24.00
50		1	268	22.39	22.47	22.31	24.00
50	QPSK	135	0	21.53	21.59	21.47	23.00
50		135	68	22.54	22.73	22.58	24.00
50		135	135	21.46	21.65	21.49	23.00
50		270	0	21.43	21.61	21.39	23.00
50	16QAM	1	1	21.00	21.06	21.06	23.00
50	64QAM	1	1	19.51	19.60	19.50	21.50
50	256QAM	1	1	18.14	18.27	18.14	19.50
Channel							
Frequency (MHz)				50400	50700	51000	Tune-up Limit (dBm)
40	P/2 BPSK	1	1	22.88	22.71	22.84	24.00
Channel							
Frequency (MHz)				51000	50700	51000	Tune-up Limit (dBm)
35	P/2 BPSK	1	1	22.99	22.70	22.83	24.00
Channel							
Frequency (MHz)				50900	50700	51100	Tune-up Limit (dBm)
30	P/2 BPSK	1	1	22.63	22.48	22.60	24.00
Channel							
Frequency (MHz)				50950	50700	51150	Tune-up Limit (dBm)
25	P/2 BPSK	1	1	22.12	22.05	22.07	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)
20	P/2 BPSK	1	1	22.10	22.05	22.01	24.00
Channel							
Frequency (MHz)				50950	50700	51050	Tune-up Limit (dBm)
15	P/2 BPSK	1	1	22.80	22.88	22.81	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)
10	P/2 BPSK	1	1	22.57	22.72	22.60	24.00
Channel							
Frequency (MHz)				50950	50700	51050	Tune-up Limit (dBm)
5	P/2 BPSK	1	1	22.89	22.71	22.89	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)



<FR1 n26\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				16400	16500	16600		
20	P1/2 BPSK	1	1	23.43	23.08	23.55	24.00	
20		1	53	23.27	23.46	23.36	24.00	
20		1	104	23.11	23.40	23.32	24.00	
20		50	0	22.97	23.06	22.92	23.50	
20		50	28	23.27	23.05	23.51	24.00	
20		50	56	22.73	23.02	22.97	23.50	
20		100	0	22.83	23.04	22.86	23.50	
20		1	1	23.20	23.47	23.37	24.00	
20		1	53	23.27	23.55	23.47	24.00	
20		1	104	23.20	23.37	23.27	24.00	
20	QPSK	50	0	22.92	23.98	22.45	23.00	
20		50	28	23.27	23.55	23.41	24.00	
20		50	56	22.33	22.49	22.32	23.00	
20		100	0	22.41	22.88	22.40	23.00	
20		16QAM	1	1	21.97	22.16	22.01	23.00
20		64QAM	1	1	20.52	20.77	20.68	21.50
20	256QAM	1	1	18.26	18.45	18.37	19.50	
Channel								
Frequency (MHz)				16400	16500	16600	Take-up Limit (dBm)	
15	P1/2 BPSK	1	1	23.15	23.45	23.48	24.00	
Channel								
Frequency (MHz)				16400	16500	16600	Take-up Limit (dBm)	
10	P1/2 BPSK	1	1	23.29	23.55	23.44	24.00	
Channel								
Frequency (MHz)				16300	16300	16300	Take-up Limit (dBm)	
5	P1/2 BPSK	1	1	23.5	23.5	23.5	24.00	

<FR1 n71\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				13600	13600	13600		
20	P1/2 BPSK	1	1	22.75	22.81	22.71	24.00	
20		1	53	22.52	22.67	22.54	24.00	
20		1	104	22.46	22.61	22.42	24.00	
20		50	0	21.79	21.96	21.78	23.50	
20		50	28	22.29	22.43	22.35	24.00	
20		50	56	21.84	21.95	21.78	23.50	
20		100	0	21.89	21.96	21.78	23.50	
20		1	1	22.51	22.63	22.45	24.00	
20		1	53	22.62	22.77	22.56	24.00	
20		1	104	22.40	22.57	22.36	24.00	
20	QPSK	50	0	21.19	21.37	21.20	23.00	
20		50	28	22.30	22.45	22.28	24.00	
20		50	56	21.23	21.31	21.17	23.00	
20		100	0	21.25	21.39	21.22	23.00	
20		16QAM	1	1	21.04	21.26	21.01	23.00
20		64QAM	1	1	19.50	19.64	19.51	21.50
20	256QAM	1	1	18.22	18.30	18.10	19.50	
Channel								
Frequency (MHz)				13600	13600	13600	Take-up Limit (dBm)	
15	P1/2 BPSK	1	1	22.88	22.67	22.83	24.00	
Channel								
Frequency (MHz)				13300	13300	13300	Take-up Limit (dBm)	
10	P1/2 BPSK	1	1	22.64	22.74	22.57	24.00	
Channel								
Frequency (MHz)				13100	13100	13100	Take-up Limit (dBm)	
5	P1/2 BPSK	1	1	22.62	22.78	22.58	24.00	

«FR1 n7_Ant 1_Full Power»							
BW (kHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel				50000	50000	50000	
Frequency (MHz)				2525	2535	2545	
50	P12 BPSK	1	1	22.65	22.71	22.61	24.00
50		1	135	22.18	22.29	22.18	24.00
50		1	268	22.30	22.50	22.31	24.00
50		135	0	21.61	22.19	21.68	23.00
50		135	68	22.20	22.41	22.28	24.00
50		135	135	22.00	22.28	22.12	23.00
50		270	0	21.99	22.18	21.99	23.00
50		1	1	22.20	22.37	22.18	24.00
50		1	135	22.34	22.45	22.22	24.00
50		1	268	22.28	22.49	22.29	24.00
50		135	0	21.35	21.44	21.31	23.00
50		135	68	22.47	22.59	22.37	24.00
50	135	135	21.44	21.53	21.38	23.00	
50	270	0	21.38	21.52	21.29	23.00	
50	15QAM	1	1	21.12	21.28	21.01	23.00
50	16QAM	1	1	19.51	19.55	19.21	21.00
50	25QAM	1	1	18.00	18.18	18.01	19.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2570	2575	2580	
40	P12 BPSK	1	1	22.60	22.64	22.59	24.00
Channel				505000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2583	2583.5	
35	P12 BPSK	1	1	22.58	22.62	22.60	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2583	2585	
30	P12 BPSK	1	1	22.41	22.48	22.38	24.00
Channel				502500	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2583	2587.5	
25	P12 BPSK	1	1	22.57	22.62	22.59	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2570	2578	2580	
20	P12 BPSK	1	1	22.50	22.62	22.50	24.00
Channel				501500	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2567.5	2583	2582.5	
15	P12 BPSK	1	1	22.59	22.61	22.52	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2565	2583	2585	
10	P12 BPSK	1	1	22.50	22.55	22.51	24.00
Channel				500500	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2562.5	2583	2587.5	
5	P12 BPSK	1	1	22.81	22.87	22.49	24.00

Sensor off Power

<GSM>

GSM900_Art 0_Sensor off TX Channel	Burst Avg. Power (dBm)			Transp. Limit (dBm)	Frame Avg. Power (dBm)			Transp. Limit (dBm)
	128	180	251		128	180	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx. ant	32.36	32.41	32.31	33.50	23.96	23.41	23.31	24.50
GPRS 1 Tx. ant	32.19	32.24	32.15	33.50	23.19	23.24	23.15	24.50
GPRS 2 Tx. ant	31.67	31.61	31.55	33.50	25.57	25.61	25.55	26.50
GPRS 3 Tx. ant	29.79	29.85	29.82	31.00	25.53	25.59	25.58	26.74
GPRS 4 Tx. ant	28.37	28.42	28.35	30.00	25.37	25.42	25.35	27.00
EDGE 1 Tx. ant	24.97	25.03	25.01	26.00	15.97	16.03	16.01	17.00
EDGE 2 Tx. ant	23.85	23.96	23.92	25.00	17.85	17.88	17.86	18.00
EDGE 3 Tx. ant	21.88	21.87	21.81	22.50	17.40	17.41	17.35	18.25
EDGE 4 Tx. ant	20.46	20.48	20.42	21.50	17.48	17.48	17.42	18.50

<GSM>

GSM1900_Art 0_Sensor off TX Channel	Burst Avg. Power (dBm)			Transp. Limit (dBm)	Frame Avg. Power (dBm)			Transp. Limit (dBm)
	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx. ant	29.25	29.36	29.31	30.50	20.29	20.38	20.31	21.50
GPRS 1 Tx. ant	29.25	29.31	29.30	30.50	20.25	20.31	20.30	21.50
GPRS 2 Tx. ant	28.55	28.57	28.51	29.50	22.55	22.57	22.51	23.50
GPRS 3 Tx. ant	26.79	26.82	26.78	27.50	22.53	22.56	22.52	23.24
GPRS 4 Tx. ant	25.80	25.88	25.82	26.50	22.60	22.68	22.62	23.50
EDGE 1 Tx. ant	24.91	25.03	24.90	25.50	15.91	16.03	15.90	16.50
EDGE 2 Tx. ant	23.88	23.93	23.89	24.50	17.88	17.85	17.89	18.50
EDGE 3 Tx. ant	21.81	21.88	21.85	22.50	17.55	17.62	17.59	18.24
EDGE 4 Tx. ant	20.48	20.50	20.44	21.50	17.48	17.50	17.44	18.50

*WCDMA*													
Bant	TR Channel Frequency(MHz)	WCDMA I_Ant 0_Sensor off			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Sensor off			Tune-up Limit (dBm)	WCDMA V_Ant 0_Sensor off			Tune-up Limit (dBm)
		6582	6490	6598		1812.4	1813	1813		1712.4	1712.4	1712.4	
3GPP Rel 99	AMR 12.2kops	22.83	22.88	22.81	24.00	23.71	23.73	23.87	25.00	23.85	23.90	23.89	25.00
	AMR 12.2kops	22.85	22.90	22.83	24.00	23.75	23.76	23.71	25.00	23.88	23.94	23.93	25.00
3GPP Rel 6	HSDPA Subcat-1	21.73	21.89	21.68	23.00	22.42	22.65	22.48	24.00	22.54	22.72	22.84	24.00
	HSDPA Subcat-2	21.77	21.88	21.68	23.00	22.70	22.78	22.77	24.00	22.78	22.88	22.82	24.00
	HSDPA Subcat-3	21.63	21.55	21.35	22.50	22.68	22.76	22.75	23.50	22.76	22.80	22.78	23.50
	HSDPA Subcat-4	21.49	21.58	21.44	22.50	23.18	22.35	22.10	23.50	22.32	22.41	22.29	23.50
3GPP Rel 8	DCHSDPA Subcat-1	21.85	21.83	21.72	23.00	22.69	22.72	22.68	24.00	22.79	22.87	22.80	24.00
	DCHSDPA Subcat-2	21.74	21.81	21.68	23.00	22.85	22.82	22.83	24.00	22.70	22.87	22.78	24.00
	DCHSDPA Subcat-3	21.34	21.51	21.43	22.50	22.07	22.27	21.97	23.50	22.09	22.25	22.18	23.50
	DCHSDPA Subcat-4	21.38	21.53	21.41	22.50	22.18	22.37	22.28	23.50	22.31	22.47	22.44	23.50
3GPP Rel 6	HSPA Subcat-1	21.88	21.84	21.72	23.00	22.47	22.56	22.58	24.00	22.58	22.73	22.58	24.00
	HSPA Subcat-2	19.82	19.88	19.89	21.00	20.83	20.90	20.85	22.00	20.87	20.95	20.80	22.00
	HSPA Subcat-3	20.89	20.86	20.86	22.00	21.82	21.73	21.84	23.00	21.87	21.94	21.90	23.00
	HSPA Subcat-4	19.77	19.85	19.78	21.00	20.49	20.60	20.39	22.00	20.52	20.68	20.57	22.00
	HSPA Subcat-5	21.75	21.80	21.88	23.00	22.43	22.57	22.50	24.00	22.59	22.75	22.61	24.00
	HSPA+ (HSPA) Subcat-1	19.28	19.61	19.55	20.50	20.15	20.18	20.11	21.50	20.32	20.38	20.35	21.50



<LTE Band 5\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Turn-up Limit (dBm)	
				Low Ch./Files	Mid Ch./Files	High Ch./Files		
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.75	22.80	22.76	24.00	
10		1	25	22.63	22.75	22.67	24.00	
10		1	49	22.64	22.71	22.69	24.00	
10		25	0	21.68	21.68	21.68	23.00	
10		25	12	21.62	21.61	21.72	23.00	
10		25	25	21.68	21.78	21.80	23.00	
10		50	0	21.68	21.75	21.59	23.00	
10		1	0	21.68	21.76	21.61	23.00	
10		1	25	21.70	21.77	21.68	23.00	
10		1	49	21.67	21.73	21.55	23.00	
Channel								
Frequency (MHz)								
10	16QAM	25	0	20.74	20.85	20.79	22.00	
10		25	12	20.65	20.84	20.79	22.00	
10		25	25	20.69	20.81	20.83	22.00	
10		50	0	20.59	20.78	20.67	22.00	
10		1	0	20.62	20.78	20.65	22.00	
10		1	25	20.58	20.75	20.60	22.00	
10		1	49	20.62	20.79	20.71	22.00	
10		25	0	19.72	19.88	19.76	21.00	
10		25	12	19.71	19.81	19.89	21.00	
10		25	25	19.78	19.85	19.74	21.00	
Channel								
Frequency (MHz)								
10	64QAM	50	0	19.69	19.83	19.75	21.00	
10		1	0	17.76	17.86	17.74	19.00	
10		1	25	17.64	17.72	17.66	19.00	
10		1	49	17.61	17.75	17.68	19.00	
10		25	0	17.66	17.71	17.60	19.00	
10		25	12	17.58	17.66	17.60	19.00	
10		25	25	17.66	17.69	17.66	19.00	
10		50	0	17.55	17.73	17.67	19.00	
Channel								
Frequency (MHz)								
5	QPSK	1	0	22.60	22.67	22.75	24.00	
5		1	12	22.58	22.63	22.63	24.00	
5		1	24	22.59	22.56	22.51	24.00	
5		12	0	21.63	21.79	21.80	23.00	
5		12	7	21.53	21.75	21.62	23.00	
5		12	13	21.58	21.75	21.55	23.00	
5		25	0	21.58	21.61	21.61	23.00	
5		1	0	21.57	21.65	21.47	23.00	
5		1	12	21.68	21.69	21.58	23.00	
5		1	24	21.45	21.58	21.44	23.00	
Channel								
Frequency (MHz)								
5	16QAM	12	0	20.64	20.75	20.70	22.00	
5		12	7	20.68	20.67	20.57	22.00	
5		25	0	20.55	20.85	20.57	22.00	
5		1	0	20.48	20.89	20.57	22.00	
5		1	12	20.51	20.73	20.58	22.00	
5		1	24	20.60	20.69	20.63	22.00	
5		12	0	19.58	19.78	19.63	21.00	
5		12	7	19.56	19.73	19.56	21.00	
5		12	13	19.68	19.78	19.71	21.00	
5		25	0	19.56	19.81	19.63	21.00	
Channel								
Frequency (MHz)								
5	64QAM	1	0	17.72	17.78	17.68	19.00	
5		1	12	17.62	17.60	17.54	19.00	
5		1	24	17.46	17.64	17.57	19.00	
5		12	0	17.53	17.69	17.54	19.00	
5		12	7	17.47	17.62	17.45	19.00	
5		12	13	17.56	17.62	17.50	19.00	
5		25	0	17.52	17.59	17.61	19.00	
Channel								
Frequency (MHz)								
3		QPSK	1	0	22.60	22.75	22.73	24.00
3	1		8	22.51	22.68	22.50	24.00	
3	1		14	22.60	22.62	22.55	24.00	
3	8		0	21.59	21.77	21.59	23.00	
3	8		4	21.62	21.78	21.63	23.00	
3	8		7	21.57	21.76	21.49	23.00	
3	15		0	21.63	21.72	21.57	23.00	
3	1		0	21.58	21.68	21.48	23.00	
3	1		8	21.60	21.64	21.58	23.00	
3	1		14	21.45	21.68	21.40	23.00	
Channel								
Frequency (MHz)								
3	16QAM	8	0	20.58	20.65	20.74	22.00	
3		8	4	20.57	20.82	20.74	22.00	
3		8	7	20.63	20.66	20.50	22.00	
3		15	0	20.52	20.69	20.62	22.00	
3		1	0	20.58	20.64	20.64	22.00	
3		1	8	20.48	20.68	20.53	22.00	
3		1	14	20.55	20.74	20.59	22.00	
3		8	0	19.60	19.85	19.69	21.00	
3		8	4	19.63	19.77	19.58	21.00	
3		8	7	19.65	19.73	19.62	21.00	
Channel								
Frequency (MHz)								
3	64QAM	15	0	17.60	17.81	17.71	19.00	
3		1	0	17.60	17.60	17.60	19.00	
3		1	8	17.54	17.60	17.64	19.00	
3		1	14	17.53	17.65	17.66	19.00	
3		8	0	17.49	17.60	17.55	19.00	
3		8	4	17.53	17.59	17.48	19.00	
3		8	7	17.47	17.60	17.50	19.00	
3		15	0	17.49	17.66	17.62	19.00	
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	22.71	22.67	22.73	24.00	
1.4		1	3	22.53	22.68	22.47	24.00	
1.4		1	5	22.61	22.59	22.45	24.00	
1.4		3	0	22.60	22.75	22.80	24.00	
1.4		3	1	22.51	22.66	22.68	24.00	
1.4		3	3	22.56	22.73	22.53	24.00	
1.4		8	0	21.55	21.61	21.57	23.00	
1.4		1	0	21.63	21.68	21.58	23.00	
1.4		1	3	21.68	21.68	21.61	23.00	
1.4		1	5	21.53	21.65	21.53	23.00	
Channel								
Frequency (MHz)								
1.4	16QAM	3	0	21.60	21.73	21.78	23.00	
1.4		3	1	21.55	21.70	21.66	23.00	
1.4		3	3	21.57	21.71	21.61	23.00	
1.4		8	0	20.57	20.78	20.65	22.00	
1.4		1	0	20.60	20.73	20.63	22.00	
1.4		1	3	20.42	20.63	20.45	22.00	
1.4		1	5	20.48	20.68	20.66	22.00	
1.4		3	0	20.65	20.76	20.73	22.00	
1.4		3	1	20.69	20.88	20.61	22.00	
1.4		3	3	20.68	20.83	20.68	22.00	
Channel								
Frequency (MHz)								
1.4	64QAM	6	0	19.64	19.70	19.84	21.00	
1.4		1	0	17.69	17.73	17.68	19.00	
1.4		1	3	17.62	17.68	17.64	19.00	
1.4		1	5	17.47	17.60	17.61	19.00	
1.4		3	0	17.50	17.62	17.48	19.00	
1.4		3	1	17.49	17.59	17.53	19.00	
1.4		3	3	17.47	17.59	17.53	19.00	
1.4		6	0	17.51	17.60	17.58	19.00	
Channel								
Frequency (MHz)								
1.4	256QAM	1	0	17.69	17.73	17.68	19.00	
1.4		1	3	17.62	17.68	17.64	19.00	
1.4		1	5	17.47	17.60	17.61	19.00	
1.4		3	0	17.50	17.62	17.48	19.00	
1.4		3	1	17.49	17.59	17.53	19.00	
1.4		3	3	17.47	17.59	17.53	19.00	

<LTE Band 7\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Turn-up Limit (dBm)	
				Low Ch./Files	Mid Ch./Files	High Ch./Files		
Channel								
Frequency (MHz)								
20	QPSK	1	0	23.08	23.23	23.20	24.00	
20		1	49	23.00	23.19	23.02	24.00	
20		1	99	23.01	23.18	23.07	24.00	
20		50	0	22.08	22.34	22.18	23.00	
20		50	24	22.03	22.29	22.18	23.00	
20		50	50	22.11	22.28	22.21	23.00	
20		100	0	22.01	22.28	22.24	23.00	
20		1	0	22.20	22.39	22.23	23.00	
20		1	49	22.15	22.32	22.19	23.00	
20		1	99	22.20	22.38	22.23	23.00	
Channel								
Frequency (MHz)								
20	16QAM	50	0	21.69	21.33	21.19	22.00	
20		50	24	21.11	21.28	21.22	22.00	
20		50	50	21.05	21.28	21.23	22.00	
20		100	0	21.07	21.27	21.20	22.00	
20		1	0	21.25	21.42	21.37	22.00	
20		1	49	21.21	21.46	21.36	22.00	
20		1	99	21.27	21.45	21.31	22.00	
20		50	0	20.16	20.32	20.27	21.00	
20		50	24	20.06	20.26	20.11	21.00	
20		50	50	20.01	20.27	20.20	21.00	
Channel								
Frequency (MHz)								
20	64QAM	100	0	20.00	20.34	20.18	21.00	
20		1	0	18.35	18.52	18.47	19.00	
20		1	49	18.33	18.51	18.36	19.00	
20		1	99	18.30	18.45	18.34	19.00	
20		50	0	18.23	18.48	18.37	19.00	
20		50	24	18.28	18.39	18.25	19.00	
20		50	50	18.18	18.36	18.25	19.00	
20		100	0	18.18	18.41	18.32	19.00	
Channel								
Frequency (MHz)								
15	QPSK	1	0	23.08	23.13	23.08	24.00	
15		1	37	23.00	23.16	23.00	24.00	
15		1	74	23.00	23.10	23.03	24.00	
15		36	0	22.00	22.20	22.07	23.00	
15		36	20	22.00	2			



<LTE Band 26\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Time-up Limit (dBm)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.	
Channel				26742	26862	26992	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.71	22.84	22.88	24.00
15		1	37	22.82	22.78	22.60	24.00
15		1	74	22.42	22.88	22.43	24.00
15		36	0	21.81	21.95	21.52	23.00
15		36	30	21.46	21.72	21.45	23.00
15		36	39	21.43	21.69	21.50	23.00
15		75	0	21.64	21.75	21.97	23.00
15		1	0	21.82	21.98	21.74	23.00
15		1	37	21.92	22.09	21.91	23.00
15		1	74	21.55	21.66	21.66	23.00
15		36	0	20.98	20.78	20.90	22.00
15		36	30	20.45	20.69	20.42	22.00
15	36	39	20.48	20.70	20.51	22.00	
15	75	0	20.62	20.78	20.48	22.00	
15	1	0	20.71	20.85	20.59	22.00	
15	1	37	20.83	20.98	20.81	22.00	
15	1	74	20.48	20.70	20.53	22.00	
15	36	0	19.74	19.90	19.64	21.00	
15	36	30	19.73	19.87	19.62	21.00	
15	36	39	19.86	19.82	19.59	21.00	
15	75	0	19.83	19.88	19.71	21.00	
15	1	0	17.85	18.01	17.78	19.00	
15	1	37	17.89	18.01	17.85	19.00	
15	1	74	17.72	17.85	17.58	19.00	
15	36	0	17.74	17.90	17.73	19.00	
15	36	30	17.89	17.86	17.64	19.00	
15	36	39	17.67	17.80	17.58	19.00	
15	75	0	17.75	17.87	17.69	19.00	
Channel				26742	26862	26992	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.87	22.80	22.95	24.00
10		1	35	22.54	22.76	22.50	24.00
10		1	49	22.41	22.60	22.33	24.00
10		25	0	21.52	21.67	21.47	23.00
10		25	12	21.38	21.64	21.32	23.00
10		25	35	21.31	21.62	21.46	23.00
10		50	0	21.52	21.64	21.44	23.00
10		1	0	21.79	21.82	21.84	23.00
10		1	35	21.83	21.94	21.88	23.00
10		1	49	21.63	21.84	21.54	23.00
10		25	0	20.51	20.74	20.47	22.00
10		25	12	20.38	20.67	20.30	22.00
10	25	35	20.44	20.61	20.39	22.00	
10	50	0	20.94	20.83	20.43	22.00	
10	1	0	20.67	20.72	20.51	22.00	
10	1	35	20.78	20.84	20.71	22.00	
10	1	49	20.44	20.67	20.38	22.00	
10	25	0	19.72	19.86	19.58	21.00	
10	25	12	19.68	19.83	19.50	21.00	
10	25	35	19.82	19.80	19.51	21.00	
10	50	0	19.83	19.81	19.58	21.00	
10	1	0	17.73	17.99	17.64	19.00	
10	1	35	17.79	17.89	17.75	19.00	
10	1	49	17.79	17.76	17.43	19.00	
10	25	0	17.84	17.78	17.58	19.00	
10	25	12	17.64	17.72	17.53	19.00	
10	25	35	17.45	17.68	17.52	19.00	
10	50	0	17.62	17.78	17.64	19.00	
Channel				26715	26855	26995	
Frequency (MHz)				818.5	831.5	846.5	
5	QPSK	1	0	22.56	22.81	22.82	24.00
5		1	12	22.50	22.70	22.47	24.00
5		1	24	22.31	22.60	22.38	24.00
5		12	0	21.46	21.77	21.41	23.00
5		12	7	21.45	21.68	21.43	23.00
5		12	13	21.28	21.64	21.43	23.00
5		25	0	21.44	21.69	21.45	23.00
5		1	0	21.69	21.86	21.66	23.00
5		1	12	21.83	21.99	21.90	23.00
5		1	24	21.54	21.77	21.61	23.00
5		12	0	20.53	20.75	20.51	22.00
5		12	7	20.39	20.68	20.27	22.00
5	12	13	20.45	20.56	20.47	22.00	
5	25	0	20.47	20.71	20.40	22.00	
5	1	0	20.88	20.78	20.67	22.00	
5	1	13	20.81	20.86	20.78	22.00	
5	1	24	20.48	20.67	20.38	22.00	
5	12	0	19.67	19.78	19.55	21.00	
5	12	7	19.69	19.73	19.60	21.00	
5	12	13	19.66	19.67	19.46	21.00	
5	25	0	19.83	19.83	19.60	21.00	
5	1	0	17.81	17.98	17.71	19.00	
5	1	12	17.77	17.94	17.72	19.00	
5	1	24	17.61	17.83	17.44	19.00	
5	12	0	17.84	17.87	17.72	19.00	
5	12	7	17.80	17.74	17.53	19.00	
5	12	13	17.44	17.73	17.43	19.00	
5	25	0	17.86	17.72	17.59	19.00	
Channel				26705	26865	27025	
Frequency (MHz)				818.5	831.5	847.5	
3	QPSK	1	0	22.58	22.70	22.58	24.00
3		1	9	22.56	22.75	22.59	24.00
3		1	14	22.30	22.61	22.37	24.00
3		6	0	21.51	21.68	21.48	23.00
3		6	4	21.38	21.63	21.40	23.00
3		6	7	21.31	21.55	21.41	23.00
3		15	0	21.47	21.69	21.46	23.00
3		1	0	21.78	21.88	21.63	23.00
3		1	8	21.83	22.04	21.90	23.00
3		1	14	21.63	21.78	21.60	23.00
3		6	0	20.54	20.74	20.47	22.00
3		6	4	20.33	20.69	20.39	22.00
3	6	7	20.35	20.62	20.44	22.00	
3	15	0	20.58	20.64	20.41	22.00	
3	1	0	20.68	20.82	20.52	22.00	
3	1	8	20.76	20.94	20.66	22.00	
3	1	14	20.45	20.65	20.50	22.00	
3	6	0	19.69	19.88	19.63	21.00	
3	6	4	19.76	19.71	19.56	21.00	
3	6	7	19.83	19.79	19.45	21.00	
3	15	0	19.59	19.82	19.64	21.00	
3	1	0	17.72	17.66	17.72	19.00	
3	1	8	17.83	17.95	17.79	19.00	
3	1	14	17.84	17.85	17.50	19.00	
3	6	0	17.65	17.80	17.70	19.00	
3	6	4	17.62	17.77	17.51	19.00	
3	6	7	17.45	17.68	17.51	19.00	
3	15	0	17.69	17.83	17.63	19.00	
Channel				26897	26985	27073	
Frequency (MHz)				841.7	851.5	861.3	
1.4	QPSK	1	0	22.58	22.73	22.60	24.00
1.4		1	3	22.54	22.65	22.59	24.00
1.4		1	5	22.38	22.65	22.31	24.00
1.4		3	0	22.01	22.01	22.00	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.42	21.62	21.43	23.00
1.4		1	0	21.75	21.87	21.68	23.00
1.4		1	3	21.83	21.97	21.78	23.00
1.4		1	5	21.63	21.81	21.58	23.00
1.4		3	0	21.08	21.00	21.01	23.00
1.4		3	1	21.00	21.01	21.01	23.00
1.4	6	0	20.54	20.71	20.43	22.00	
1.4	1	0	20.67	20.79	20.54	22.00	
1.4	1	3	20.74	20.88	20.70	22.00	
1.4	1	5	20.45	20.67	20.41	22.00	
1.4	3	0	20.00	20.00	20.00	22.00	
1.4	3	1	20.01	20.01	20.00	22.00	
1.4	3	3	20.00	20.00	20.00	22.00	
1.4	6	0	19.56	19.85	19.58	21.00	
1.4	1	0	17.75	17.91	17.78	19.00	
1.4	1	3	17.86	17.93	17.75	19.00	
1.4	1	5	17.70	17.83	17.47	19.00	
1.4	3	0	17.72	17.85	17.65	19.00	
1.4	3	1	17.62	17.78	17.58	19.00	
1.4	3	3	17.44	17.68	17.49	19.00	
1.4	6	0	17.84	17.82	17.58	19.00	



<LTE Band 39\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-Up Limit (dBm)	
				Low Ch./Freq.	Mid Ch./Freq.	High Ch./Freq.		
Channel								
Frequency (MHz)				2000	2056	2010		
20	QPSK	1	0	23.35	23.40	23.38	24.00	
20		1	49	23.22	23.27	23.18	24.00	
20		1	99	23.00	23.09	23.00	24.00	
50		0	22.70	22.75	22.20	23.00		
20		50	24	22.14	22.20	22.11	23.00	
20		50	24	22.08	22.18	22.07	23.00	
20		100	0	22.10	22.24	22.06	23.00	
20		1	0	22.29	22.42	22.23	23.00	
20		1	49	22.25	22.32	22.17	23.00	
20		1	99	21.99	22.02	22.01	23.00	
Channel								
Frequency (MHz)				2120	2176	2130		
20	16QAM	50	0	21.29	21.35	21.23	22.00	
20		50	24	21.14	21.30	21.18	22.00	
20		50	50	21.13	21.21	21.12	22.00	
20		100	0	21.19	21.28	21.18	22.00	
20		1	0	21.09	21.09	21.00	22.00	
20		1	49	21.02	21.07	21.00	22.00	
20		1	99	21.00	21.01	21.01	22.00	
20		50	0	20.28	20.37	20.18	21.00	
20		50	24	20.13	20.20	20.21	21.00	
20		50	50	20.19	20.22	20.13	21.00	
Channel								
Frequency (MHz)				2010	2066	2020		
20	256QAM	100	0	20.10	20.24	20.14	21.00	
20		1	0	19.25	19.33	19.26	19.00	
20		1	49	18.11	18.27	18.14	19.00	
20		1	99	18.00	18.09	18.00	19.00	
20		50	0	18.40	18.47	18.42	19.00	
20		50	24	18.32	18.42	18.38	19.00	
20		50	50	18.27	18.33	18.27	19.00	
20		100	0	18.30	18.35	18.25	19.00	
Channel								
Frequency (MHz)				2162	2218	2172		
15	QPSK	1	0	23.36	23.29	23.30	24.00	
15		1	37	23.18	23.28	23.07	24.00	
15		1	74	23.00	23.05	23.00	24.00	
15		36	0	22.02	22.30	22.14	23.00	
15		36	20	22.08	22.20	22.02	23.00	
15		36	39	22.00	22.14	22.03	23.00	
15		75	0	22.04	22.14	22.11	23.00	
15		1	0	22.15	22.24	22.21	23.00	
15		1	37	22.18	22.25	22.03	23.00	
15		1	74	22.03	22.09	22.00	23.00	
Channel								
Frequency (MHz)				2121	2177	2131		
15	16QAM	36	0	21.21	21.24	21.18	22.00	
15		36	20	21.05	21.18	21.07	22.00	
15		36	39	21.00	21.08	21.00	22.00	
15		75	0	21.00	21.00	21.00	22.00	
15		1	0	21.18	21.25	21.15	22.00	
15		1	0	21.02	21.01	21.01	22.00	
15		1	37	21.00	21.01	21.02	22.00	
15		1	74	21.01	21.00	21.02	22.00	
15		36	0	20.29	20.31	20.12	21.00	
15		36	20	20.00	20.28	20.17	21.00	
Channel								
Frequency (MHz)				2011	2067	2021		
15	256QAM	36	0	20.12	20.18	20.11	21.00	
15		75	0	20.01	20.10	20.06	21.00	
15		1	0	18.12	18.24	18.20	19.00	
15		1	37	18.00	18.12	18.00	19.00	
15		1	74	18.00	18.00	18.01	19.00	
15		36	0	18.38	18.35	18.33	19.00	
15		36	20	18.27	18.32	18.25	19.00	
15		36	39	18.13	18.31	18.22	19.00	
15		75	0	18.28	18.21	18.19	19.00	
Channel								
Frequency (MHz)				2163	2219	2173		
10	QPSK	1	0	23.32	23.40	23.33	24.00	
10		1	25	23.08	23.13	23.11	24.00	
10		1	49	23.00	23.02	23.01	24.00	
10		25	0	22.01	22.29	22.05	23.00	
10		25	12	22.07	22.11	22.08	23.00	
10		25	25	22.00	22.15	22.00	23.00	
10		50	0	22.00	22.18	22.02	23.00	
10		1	0	22.21	22.39	22.14	23.00	
10		1	25	22.12	22.20	22.05	23.00	
10		1	49	22.09	22.11	22.02	23.00	
Channel								
Frequency (MHz)				2122	2178	2132		
10	16QAM	25	0	21.25	21.37	21.21	22.00	
10		25	12	21.13	21.23	21.11	22.00	
10		25	25	21.08	21.07	21.05	22.00	
10		50	0	21.04	21.16	21.11	22.00	
10		1	0	21.00	21.00	21.01	22.00	
10		1	25	21.00	21.00	21.00	22.00	
10		1	49	21.00	21.00	21.00	22.00	
10		25	0	20.24	20.23	20.14	21.00	
10		25	12	20.05	20.22	20.15	21.00	
10		25	25	20.10	20.09	20.00	21.00	
Channel								
Frequency (MHz)				2012	2068	2022		
10	256QAM	50	0	20.02	20.10	20.02	21.00	
10		1	0	18.15	18.29	18.16	19.00	
10		1	25	18.01	18.13	18.00	19.00	
10		1	49	18.00	18.07	18.01	19.00	
10		25	0	18.28	18.45	18.40	19.00	
10		25	12	18.28	18.29	18.29	19.00	
10		25	25	18.18	18.29	18.16	19.00	
10		50	0	18.28	18.32	18.21	19.00	
Channel								
Frequency (MHz)				2175	2231	2129		
5	QPSK	1	0	23.39	23.42	23.33	24.00	
5		1	12	23.09	23.15	23.10	24.00	
5		1	24	23.02	23.02	23.00	24.00	
5		12	0	22.02	22.28	22.13	23.00	
5		12	7	22.01	22.19	22.08	23.00	
5		12	13	22.00	22.14	22.00	23.00	
5		25	0	22.04	22.11	22.02	23.00	
5		1	0	22.25	22.29	22.11	23.00	
5		1	12	22.11	22.23	22.08	23.00	
5		1	24	22.00	22.00	22.01	23.00	
Channel								
Frequency (MHz)				2123	2179	2133		
5	16QAM	12	0	21.21	21.23	21.11	22.00	
5		12	7	21.03	21.18	21.06	22.00	
5		12	13	21.04	21.07	21.03	22.00	
5		25	0	21.12	21.21	21.03	22.00	
5		1	0	21.02	21.01	21.00	22.00	
5		1	12	21.01	21.00	21.00	22.00	
5		1	24	21.01	21.00	21.00	22.00	
5		12	0	20.21	20.26	20.07	21.00	
5		12	7	20.00	20.20	20.16	21.00	
5		12	13	20.12	20.08	20.06	21.00	
Channel								
Frequency (MHz)				2013	2069	2023		
5	256QAM	25	0	20.07	20.14	20.00	21.00	
5		1	0	18.18	18.25	18.19	19.00	
5		1	12	18.00	18.17	18.10	19.00	
5		1	24	18.00	18.00	18.00	19.00	
5		12	0	18.30	18.43	18.41	19.00	
5		12	7	18.27	18.28	18.25	19.00	
5		12	13	18.21	18.22	18.16	19.00	
5		25	0	18.21	18.21	18.24	19.00	
Channel								
Frequency (MHz)				2176	2232	2130		

<LTE Band 41\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-Up Limit (dBm)	
				Low Ch./Freq.	Mid Ch./Freq.	High Ch./Freq.		
Channel								
Frequency (MHz)				2006	2049.5	2053	2038.5	
20	QPSK	1	0	23.08	23.23	23.42	23.21	
20		1	49	23.02	23.13	23.34	23.03	
20		1	99	23.00	23.11	23.31	23.03	
20		50	0	22.07	22.16	22.45	22.16	
20		50	24	22.00	22.08	22.41	22.06	
20		50	50	22.02	22.11	22.37	22.12	
20		100	0	22.00	22.14	22.40	22.13	
20		1	0	22.20	22.16	22.47	22.21	
20		1	49	22.11	22.27	22.52	22.27	
20		1	99	21.90	22.00	22.28	22.13	
Channel								
Frequency (MHz)				2070	2113	2117	2102	
20	16QAM	50	0	21.05	21.19	21.46	21.12	
20		50	24	21.02	21.25	21.45	21.13	
20		50	50	21.02	21.12	21.42	21.07	
20		100	0	21.01	21.11	21.42	21.17	
20		1	0	21.00	21.00	21.39	21.00	
20		1	49	21.00	21.18	21.00	21.00	
20		1	99	21.00	21.00	21.04	21.01	
20		50	0	20.06	20.22	20.48	20.17	
20		50	24	20.01	20.10	20.46	20.17	
20		50	50	20.03	20.21	20.43	20.19	
Channel								
Frequency (MHz)				2010	2053	2041	2013	
20	256QAM	100	0	19.02	19.04	19.33	19.02	
20		1	0	18.02	18.04	18.33	18.02	
20		1	49	18.04	18.18	18.37	18.06	
20		1	99	18.01	18.00	18.23	18.01	
20		50	0	18.07	18.26	18.50	18.29	
20		50	24	18.14	18.28	18.50	18.18	
20		50	50	18.09	18.30	18.47	18.20	
20		100	0	18.04	18.16	18.44	18.19	
Channel								
Frequency (MHz)				2072	2115			



# Appendix E

<LTE Band 7_Ant 1_Sensor off>								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up Limit (dBm)	
Channel				2500	2500	2500		
Frequency (MHz)				2510	2555	2590		
20	QPSK	1	0	17.90	17.93	17.88	18.50	
20		1	49	17.79	17.81	17.76	18.50	
20		1	99	17.81	17.88	17.73	18.50	
20		50	0	17.73	17.87	17.68	18.50	
20		50	24	17.68	17.85	17.68	18.50	
20		50	50	17.73	17.81	17.68	18.50	
20		100	0	17.71	17.83	17.68	18.50	
20		1	0	17.74	17.84	17.68	18.50	
20		1	49	17.65	17.75	17.55	18.50	
20		1	99	17.81	17.79	17.64	18.50	
20	16QAM	50	0	17.65	17.82	17.65	18.50	
20		50	24	17.73	17.86	17.69	18.50	
20		50	50	17.73	17.84	17.73	18.50	
20		100	0	17.73	17.81	17.74	18.50	
20		1	0	17.75	17.86	17.68	18.50	
20		1	49	17.59	17.72	17.57	18.50	
20		1	99	17.76	17.85	17.69	18.50	
20		50	0	17.73	17.83	17.72	18.50	
20		50	24	17.70	17.80	17.68	18.50	
20		50	50	17.69	17.78	17.64	18.50	
20	64QAM	100	0	17.66	17.75	17.56	18.50	
20		1	0	17.72	17.79	17.68	18.50	
20		1	49	17.65	17.71	17.52	18.50	
20		1	99	17.88	17.78	17.68	18.50	
20		50	0	17.64	17.80	17.61	18.50	
20		50	24	17.64	17.76	17.58	18.50	
20		50	50	17.66	17.79	17.61	18.50	
20		100	0	17.65	17.76	17.58	18.50	
Channel				2625	2100	2175		
Frequency (MHz)				2627.5	2635	2663.5		
15	QPSK	1	0	17.78	17.87	17.76	18.50	
15		1	37	17.68	17.81	17.64	18.50	
15		1	74	17.74	17.85	17.60	18.50	
15		38	0	17.81	17.75	17.58	18.50	
15		38	20	17.82	17.79	17.59	18.50	
15		38	39	17.67	17.73	17.63	18.50	
15		75	0	17.56	17.77	17.64	18.50	
15		1	0	17.84	17.82	17.62	18.50	
15		1	37	17.59	17.70	17.53	18.50	
15		1	74	17.52	17.76	17.59	18.50	
15	16QAM	38	0	17.54	17.70	17.63	18.50	
15		38	20	17.58	17.71	17.65	18.50	
15		38	39	17.66	17.69	17.56	18.50	
15		75	0	17.59	17.74	17.71	18.50	
15		1	0	17.64	17.74	17.70	18.50	
15		1	37	17.50	17.63	17.52	18.50	
15		38	0	17.65	17.76	17.64	18.50	
15		38	20	17.62	17.76	17.64	18.50	
15		38	39	17.67	17.70	17.58	18.50	
15		75	0	17.52	17.66	17.54	18.50	
15	64QAM	1	0	17.87	17.71	17.54	18.50	
15		1	37	17.47	17.81	17.50	18.50	
15		38	0	17.62	17.76	17.64	18.50	
15		38	20	17.55	17.78	17.62	18.50	
15		38	39	17.67	17.70	17.58	18.50	
15		75	0	17.52	17.66	17.54	18.50	
15		1	0	17.87	17.71	17.54	18.50	
15		1	37	17.47	17.81	17.50	18.50	
15		38	0	17.53	17.68	17.54	18.50	
15		38	20	17.60	17.78	17.48	18.50	
15	256QAM	38	0	17.68	17.65	17.52	18.50	
15		38	20	17.68	17.65	17.52	18.50	
15		38	39	17.63	17.77	17.57	18.50	
15		75	0	17.63	17.63	17.48	18.50	
Channel				2650	2100	2160		
Frequency (MHz)				2650	2650	2650		
10		QPSK	1	0	17.80	17.80	17.85	18.50
10			1	25	17.76	17.81	17.73	18.50
10			1	49	17.87	17.84	17.64	18.50
10			25	0	17.81	17.73	17.59	18.50
10	25		13	17.57	17.81	17.58	18.50	
10	25		25	17.69	17.69	17.63	18.50	
10	50		0	17.86	17.78	17.58	18.50	
10	1		0	17.89	17.71	17.61	18.50	
10	1		25	17.64	17.72	17.43	18.50	
10	1		49	17.52	17.64	17.66	18.50	
10	16QAM	25	0	17.52	17.79	17.63	18.50	
10		25	13	17.65	17.77	17.54	18.50	
10		25	25	17.70	17.71	17.64	18.50	
10		50	0	17.59	17.78	17.66	18.50	
10		1	0	17.68	17.83	17.69	18.50	
10		1	25	17.53	17.76	17.54	18.50	
10		1	49	17.70	17.81	17.65	18.50	
10		25	0	17.67	17.81	17.70	18.50	
10		25	13	17.66	17.70	17.56	18.50	
10		25	25	17.66	17.72	17.65	18.50	
10	64QAM	50	0	17.55	17.71	17.47	18.50	
10		1	0	17.63	17.78	17.66	18.50	
10		1	25	17.48	17.63	17.48	18.50	
10		1	49	17.53	17.70	17.59	18.50	
10		25	0	17.50	17.67	17.49	18.50	
10		25	13	17.50	17.72	17.46	18.50	
10		25	25	17.56	17.69	17.58	18.50	
10		50	0	17.62	17.76	17.48	18.50	
Channel				2675	2100	21425		
Frequency (MHz)				2622.5	2635	2663.5		
5	QPSK	1	0	17.84	17.81	17.80	18.50	
5		1	13	17.77	17.79	17.65	18.50	
5		1	24	17.79	17.79	17.61	18.50	
5		12	0	17.68	17.79	17.63	18.50	
5		12	7	17.54	17.77	17.63	18.50	
5		12	13	17.59	17.86	17.62	18.50	
5		25	0	17.59	17.80	17.58	18.50	
5		1	0	17.81	17.81	17.57	18.50	
5		1	13	17.57	17.69	17.44	18.50	
5		1	24	17.51	17.77	17.57	18.50	
5	16QAM	12	0	17.53	17.73	17.62	18.50	
5		12	7	17.61	17.76	17.54	18.50	
5		12	13	17.61	17.74	17.76	18.50	
5		25	0	17.70	17.69	17.61	18.50	
5		1	0	17.67	17.73	17.71	18.50	
5		1	13	17.51	17.57	17.51	18.50	
5		1	24	17.69	17.81	17.58	18.50	
5		12	0	17.63	17.71	17.69	18.50	
5		12	7	17.62	17.71	17.56	18.50	
5		12	13	17.65	17.76	17.61	18.50	
5	64QAM	25	0	17.65	17.68	17.51	18.50	
5		1	0	17.60	17.66	17.61	18.50	
5		1	13	17.48	17.70	17.39	18.50	
5		1	24	17.62	17.69	17.62	18.50	
5		12	0	17.59	17.71	17.52	18.50	
5		12	7	17.52	17.69	17.56	18.50	
5		12	13	17.54	17.68	17.52	18.50	
5		25	0	17.63	17.62	17.44	18.50	



<LTE Band 39\_Ant 1\_Sensor off>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-up Limit (dBm)		
				Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.			
Channel				2000	2056	2010			
Frequency (MHz)				2000	2056	2010			
20	QPSK	1	0	19.85	19.51	19.85	21.00		
		1	49	19.78	19.88	19.70	21.00		
		1	99	19.75	19.81	19.65	21.00		
		50	0	19.89	19.85	19.75	21.00		
		50	24	19.74	19.82	19.68	21.00		
		50	50	19.67	19.87	19.70	21.00		
		100	0	19.84	19.83	19.67	21.00		
		1	0	19.71	19.78	19.59	21.00		
		1	49	19.59	19.75	19.60	21.00		
		1	99	19.63	19.82	19.71	21.00		
20	16QAM	50	0	19.70	19.79	19.59	21.00		
		50	24	19.74	19.85	19.72	21.00		
		50	50	19.60	19.76	19.58	21.00		
		100	0	19.68	19.77	19.68	21.00		
		1	0	19.62	19.75	19.62	21.00		
		1	49	19.75	19.83	19.67	21.00		
		20	64QAM	50	0	19.65	19.81	19.64	21.00
				50	0	19.61	19.80	19.71	21.00
				50	24	19.67	19.79	19.62	21.00
				50	50	19.69	19.75	19.66	21.00
100	0			19.67	19.75	19.67	21.00		
1	0			17.70	17.88	17.78	19.00		
1	49			17.66	17.85	17.74	19.00		
1	99			17.74	17.81	17.62	19.00		
50	0			17.78	17.86	17.69	19.00		
50	24			17.75	17.83	17.67	19.00		
20	256QAM	50	50	17.78	17.85	17.71	19.00		
		100	0	17.71	17.80	17.67	19.00		
		Channel				2010	2066	2015	
		Frequency (MHz)				2010	2066	2015	
		15	QPSK	1	0	19.62	19.60	19.70	21.00
				1	37	19.71	19.84	19.65	21.00
				1	74	19.64	19.73	19.61	21.00
				36	0	19.61	19.79	19.60	21.00
				36	20	19.71	19.72	19.58	21.00
				36	39	19.53	19.77	19.61	21.00
75	0			19.69	19.75	19.67	21.00		
1	0			19.69	19.52	19.53	21.00		
1	37			19.52	19.75	19.55	21.00		
1	74			19.61	19.71	19.57	21.00		
15	16QAM	36	0	19.64	19.77	19.54	21.00		
		36	20	19.72	19.75	19.59	21.00		
		36	39	19.58	19.68	19.64	21.00		
		75	0	19.59	19.68	19.58	21.00		
		1	0	19.52	19.64	19.55	21.00		
		1	37	19.66	19.76	19.55	21.00		
		1	74	19.59	19.75	19.58	21.00		
		36	0	19.53	19.89	19.69	21.00		
		36	20	19.66	19.71	19.53	21.00		
		36	39	19.58	19.63	19.61	21.00		
15	64QAM	75	0	19.52	19.72	19.55	21.00		
		1	0	17.62	17.76	17.68	19.00		
		1	37	17.52	17.75	17.63	19.00		
		1	74	17.56	17.83	17.63	19.00		
		36	0	17.69	17.79	17.66	19.00		
		36	20	17.62	17.73	17.58	19.00		
		36	39	17.71	17.73	17.68	19.00		
		75	0	17.68	17.78	17.67	19.00		
		Channel				2015	2071	2015	
		Frequency (MHz)				2015	2071	2015	
10	QPSK	1	0	19.75	19.89	19.83	21.00		
		1	25	19.69	19.67	19.59	21.00		
		1	49	19.88	19.84	19.57	21.00		
		25	0	19.77	19.85	19.66	21.00		
		12	0	19.68	19.70	19.60	21.00		
		25	25	19.59	19.85	19.64	21.00		
		50	0	19.51	19.79	19.58	21.00		
		1	0	19.65	19.68	19.48	21.00		
		1	25	19.59	19.70	19.52	21.00		
		1	49	19.59	19.81	19.68	21.00		
10	16QAM	25	0	19.61	19.69	19.52	21.00		
		25	0	19.61	19.69	19.52	21.00		
		25	12	19.68	19.73	19.64	21.00		
		25	25	19.53	19.66	19.42	21.00		
		50	0	19.56	19.71	19.59	21.00		
		1	0	19.49	19.65	19.52	21.00		
		1	25	19.62	19.63	19.63	21.00		
		1	49	19.54	19.69	19.52	21.00		
		25	0	19.49	19.69	19.68	21.00		
		25	12	19.61	19.68	19.59	21.00		
10	64QAM	25	25	19.55	19.67	19.52	21.00		
		50	0	19.53	19.68	19.58	21.00		
		1	0	17.65	17.85	17.72	19.00		
		1	25	17.52	17.77	17.68	19.00		
		1	49	17.60	17.78	17.52	19.00		
		25	0	17.66	17.81	17.59	19.00		
		25	12	17.72	17.79	17.62	19.00		
		25	25	17.60	17.80	17.62	19.00		
		50	0	17.61	17.77	17.53	19.00		
		Channel				2015	2071	2015	
Frequency (MHz)				2015	2071	2015			
5	QPSK	1	0	19.79	19.85	19.72	21.00		
		1	12	19.63	19.79	19.68	21.00		
		1	24	19.70	19.69	19.58	21.00		
		12	0	19.75	19.81	19.71	21.00		
		5	0	19.70	19.73	19.57	21.00		
		12	13	19.65	19.81	19.56	21.00		
		25	0	19.54	19.72	19.64	21.00		
		1	0	19.66	19.66	19.25	21.00		
		1	12	19.58	19.73	19.50	21.00		
		1	24	19.51	19.68	19.67	21.00		
5	16QAM	12	0	19.55	19.73	19.48	21.00		
		12	7	19.60	19.76	19.63	21.00		
		12	13	19.47	19.74	19.47	21.00		
		25	0	19.56	19.72	19.52	21.00		
		1	0	19.55	19.84	19.48	21.00		
		1	12	19.70	19.78	19.53	21.00		
		1	24	19.61	19.73	19.51	21.00		
		12	0	19.46	19.71	19.65	21.00		
		12	7	19.56	19.75	19.62	21.00		
		12	13	19.55	19.67	19.58	21.00		
5	64QAM	25	0	17.56	17.62	17.68	19.00		
		1	12	17.52	17.74	17.66	19.00		
		1	24	17.64	17.78	17.61	19.00		
		12	0	17.52	17.61	17.64	19.00		
		5	0	17.72	17.77	17.64	19.00		
		12	13	17.66	17.72	17.64	19.00		
		25	0	17.65	17.67	17.60	19.00		

<LTE Band 41\_Ant 1\_Sensor off>

BW (MHz)	Modulation	RB Row	RB Offset	Power			Turn-up Limit (dBm)			
				Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.				
Channel				2006	2046.5	2053	2038.5	2060		
Frequency (MHz)				2006	2046.5	2053	2038.5	2060		
20	QPSK	1	0	19.90	19.91	19.90	19.89	21.00		
		1	49	19.83	19.80	19.91	19.72	21.00		
		1	99	19.75	19.74	19.90	19.73	21.00		
		50	0	19.84	19.78	19.88	19.83	21.00		
		50	24	19.78	19.72	19.88	19.88	21.00		
		50	50	19.69	19.71	19.85	19.84	21.00		
		100	0	19.78	19.68	19.87	19.87	21.00		
		1	0	19.77	19.69	19.86	19.67	21.00		
		1	49	19.67	19.75	19.83	19.67	21.00		
		1	99	19.67	19.82	19.81	19.79	21.00		
20	16QAM	50	0	19.69	19.77	19.64	19.66	21.00		
		50	24	19.73	19.68	19.85	19.74	21.00		
		50	50	19.60	19.73	19.67	19.71	21.00		
		100	0	19.78	19.75	19.86	19.86	21.00		
		1	0	19.73	19.75	19.86	19.85	21.00		
		1	49	19.72	19.72	19.84	19.71	21.00		
		20	64QAM	50	0	19.76	19.76	19.85	19.71	21.00
				50	0	19.60	19.61	19.68	19.72	21.00
				50	24	19.69	19.74	19.67	19.68	21.00
				50	50	19.70	19.80	19.86	19.73	21.00
100	0			19.68	19.75	19.81	19.71	21.00		
1	0			17.90	17.90	17.99	17.79	19.00		
1	49			17.85	17.91	17.79	17.75	19.00		
1	99			17.83	17.88	17.86	17.81	19.00		
50	0			17.92	17.92	17.96	17.82	19.00		
50	24			17.88	17.88	17.96	17.72	19.00		
20	256QAM	50	50	17.88	17.84	17.94	17.79	19.00		
		100	0	17.80	17.79	17.84	17.79	19.00		
		1	0	17.80	17.80	17.89	17.79	19.00		
		1	49	17.85	17.91	17.79	17.75	19.00		
		1	99	17.83	17.88	17.86	17.81	19.00		
		50	0	17.92	17.92	17.96	17.82	19.00		
		50	24	17.88	17.88	17.96	17.72	19.00		
		50	50	17.80	17.80	17.84	17.79	19.00		
		100	0	17.80	17.79	17.83	17.77	19.00		
		Channel				2012	2073	2020	2017.5	2042.5
Frequency (MHz)				2012	2073	2020	2017.5	2042.5		
15	QPSK	1	0	19.61	19.78	19.92	19.82	19.75	21.00	
		1	37	19.73	19.75	19.87	19.65	19.58	21.00	
		1	74	19.63	19.63	19.88	19.63	19.61	21.00	
		36	0	19.78	19.69	19.89	19.79	19.74	21.00	
		36	20	19.65	19.74	19.82	19.67	19.67	21.00	
		36	39	19.60	19.67	19.72	19.54	19.59	21.00	
		75	0							

<FR1 n5\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				16600	16700	16800	
20	P1/2 BPSK	1	1	23.48	23.51	23.48	24.00
20		1	53	23.37	23.45	23.28	24.00
20		1	104	23.29	23.46	23.32	24.00
20		50	0	22.97	23.05	22.98	23.50
20		50	28	23.36	23.44	23.25	24.00
20		50	56	22.97	23.03	22.84	23.50
20		100	0	22.91	22.99	22.92	23.50
20		1	1	23.41	23.45	23.34	24.00
20		1	53	23.35	23.46	23.35	24.00
20		1	104	23.32	23.41	23.27	24.00
20	QPSK	50	0	22.48	22.52	22.42	23.00
20		50	28	23.33	23.46	23.28	24.00
20		50	56	22.39	22.51	22.38	23.00
20		100	0	22.40	22.48	22.29	23.00
20	16QAM	1	1	22.38	22.46	22.32	23.00
20	64QAM	1	1	22.95	23.02	22.97	23.50
20	256QAM	1	1	18.78	18.95	18.90	19.50
Channel							
Frequency (MHz)				16850	16750	16650	Tune-up Limit (dBm)
15	P1/2 BPSK	1	1	23.45	23.42	23.40	24.00
Channel							
Frequency (MHz)				16900	16800	16700	Tune-up Limit (dBm)
10	P1/2 BPSK	1	1	23.44	23.40	23.44	24.00
Channel							
Frequency (MHz)				16950	16700	16600	Tune-up Limit (dBm)
5	P1/2 BPSK	1	1	23.45	23.45	23.38	24.00

<FR1 n7\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				50000	50000	50000	
50	P1/2 BPSK	1	1	22.71	22.76	22.65	24.00
50		1	135	22.27	22.36	22.22	24.00
50		1	268	22.47	22.40	22.39	24.00
50		135	0	22.98	22.77	22.75	23.50
50		135	68	22.44	22.55	22.38	24.00
50		135	135	22.22	22.33	22.10	23.50
50		270	0	22.10	22.24	22.08	23.50
50		1	1	22.39	22.46	22.35	24.00
50		1	135	22.47	22.27	22.40	24.00
50		1	268	22.39	22.47	22.31	24.00
50	QPSK	135	0	21.53	21.59	21.47	23.00
50		135	68	22.54	22.73	22.58	24.00
50		135	135	21.46	21.65	21.49	23.00
50		270	0	21.43	21.61	21.39	23.00
50	16QAM	1	1	21.00	21.06	21.06	23.00
50	64QAM	1	1	19.51	19.60	19.50	21.50
50	256QAM	1	1	18.14	18.27	18.14	19.50
Channel							
Frequency (MHz)				50400	50700	51000	Tune-up Limit (dBm)
40	P1/2 BPSK	1	1	22.88	22.71	22.84	24.00
Channel							
Frequency (MHz)				50500	50900	51200	Tune-up Limit (dBm)
35	P1/2 BPSK	1	1	22.59	22.55	22.53	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)
30	P1/2 BPSK	1	1	22.63	22.48	22.60	24.00
30		1	1	22.63	22.48	22.60	24.00
Channel							
Frequency (MHz)				50950	50700	51100	Tune-up Limit (dBm)
25	P1/2 BPSK	1	1	22.61	22.48	22.62	24.00
25		1	1	22.61	22.48	22.62	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)
20	P1/2 BPSK	1	1	22.57	22.45	22.61	24.00
20		1	1	22.57	22.45	22.61	24.00
Channel							
Frequency (MHz)				50950	50700	51200	Tune-up Limit (dBm)
15	P1/2 BPSK	1	1	22.80	22.68	22.61	24.00
15		1	1	22.80	22.68	22.61	24.00
Channel							
Frequency (MHz)				50900	50700	51000	Tune-up Limit (dBm)
10	P1/2 BPSK	1	1	22.57	22.72	22.60	24.00
10		1	1	22.57	22.72	22.60	24.00
Channel							
Frequency (MHz)				50950	50700	51300	Tune-up Limit (dBm)
5	P1/2 BPSK	1	1	22.89	22.71	22.59	24.00
5		1	1	22.89	22.71	22.59	24.00



<FR1 n26\_Ant 0\_Sensor off>

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)
Channel							
Frequency (MHz)				16400	16500	16600	
20	P1/2 BPSK	1	1	23.43	23.08	23.55	24.00
20		1	53	23.27	23.46	23.36	24.00
20		1	104	23.11	23.40	23.32	24.00
20		50	0	22.97	23.06	22.92	23.50
20		50	28	23.27	23.05	23.51	24.00
20		50	56	22.73	23.02	22.97	23.50
20		100	0	22.83	23.04	22.86	23.50
20		1	1	23.20	23.47	23.37	24.00
20		1	53	23.27	23.55	23.47	24.00
20		1	104	23.20	23.37	23.27	24.00
20	QPSK	50	0	22.92	23.98	22.45	23.00
20		50	28	23.27	23.55	23.41	24.00
20		50	56	22.33	22.49	22.32	23.00
20		100	0	22.41	22.88	22.40	23.00
20	16QAM	1	1	21.97	22.16	22.01	23.00
20	64QAM	1	1	20.52	20.77	20.68	21.50
20	256QAM	1	1	18.26	18.45	18.37	19.50
Channel							
Frequency (MHz)				16400	16500	16600	Take-up Limit (dBm)
15	P1/2 BPSK	1	1	23.15	23.45	23.48	24.00
Channel							
Frequency (MHz)				16400	16500	16600	Take-up Limit (dBm)
10	P1/2 BPSK	1	1	23.29	23.55	23.44	24.00
Channel							
Frequency (MHz)				16300	16300	16300	Take-up Limit (dBm)
5	P1/2 BPSK	1	1	23.5	23.5	23.5	24.00

<FR1 n71\_Ant 0\_Sensor off>

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)
Channel							
Frequency (MHz)				13600	13600	13600	
20	P1/2 BPSK	1	1	22.75	22.81	22.71	24.00
20		1	53	22.52	22.67	22.54	24.00
20		1	104	22.46	22.61	22.42	24.00
20		50	0	21.79	21.96	21.78	23.50
20		50	28	22.29	22.43	22.35	24.00
20		50	56	21.84	21.95	21.78	23.50
20		100	0	21.89	21.96	21.78	23.50
20		1	1	22.51	22.63	22.45	24.00
20		1	53	22.62	22.77	22.58	24.00
20		1	104	22.40	22.57	22.38	24.00
20	QPSK	50	0	21.19	21.37	21.20	23.00
20		50	28	22.30	22.45	22.28	24.00
20		50	56	21.23	21.31	21.17	23.00
20		100	0	21.25	21.39	21.22	23.00
20	16QAM	1	1	21.04	21.26	21.01	23.00
20	64QAM	1	1	19.50	19.64	19.51	21.50
20	256QAM	1	1	18.22	18.30	18.10	19.50
Channel							
Frequency (MHz)				13600	13600	13600	Take-up Limit (dBm)
15	P1/2 BPSK	1	1	22.75	22.81	22.83	24.00
Channel							
Frequency (MHz)				13600	13600	13600	Take-up Limit (dBm)
10	P1/2 BPSK	1	1	22.64	22.74	22.57	24.00
Channel							
Frequency (MHz)				133100	133100	133100	Take-up Limit (dBm)
5	P1/2 BPSK	1	1	22.62	22.78	22.58	24.00



<FR1 n7_Ant 1_Sensor off>									
BW (kHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)		
Channel									
Frequency (MHz)				2525	2535	2545			
50	P12 BPSK	1	1	17.71	17.74	17.68	19.00		
50		1	135	17.54	17.71	17.52	19.00		
50		1	268	17.49	17.66	17.46	19.00		
50		135	0	17.64	17.72	17.60	19.00		
50		135	68	17.55	17.73	17.57	19.00		
50		135	135	17.53	17.68	17.59	19.00		
50		270	0	17.47	17.62	17.45	19.00		
50		1	1	17.81	17.65	17.57	19.00		
50		1	135	17.52	17.63	17.53	19.00		
50		1	268	17.45	17.69	17.50	19.00		
50		135	0	17.59	17.61	17.51	19.00		
50		QPSK	135	68	17.47	17.64	17.44	19.00	
50	135		135	17.52	17.69	17.49	19.00		
50	270		0	17.47	17.62	17.46	19.00		
50	1		1	17.65	17.65	17.55	19.00		
50	1		135	17.52	17.63	17.53	19.00		
50	1		268	17.45	17.69	17.50	19.00		
50	15QAM	1	1	17.50	17.65	17.55	19.00		
50	64QAM	1	1	17.52	17.63	17.48	19.00		
50	256QAM	1	1	17.53	17.59	17.48	19.00		
Channel									
Frequency (MHz)				504000	507000	510000	Tune-up Limit (dBm)		
40									
P12 BPSK				1	1	17.68	17.70	17.58	19.00
Channel									
Frequency (MHz)				505000	507000	510000	Tune-up Limit (dBm)		
35									
P12 BPSK				1	1	17.68	17.64	17.63	19.00
Channel									
Frequency (MHz)				503000	507000	511000	Tune-up Limit (dBm)		
30									
P12 BPSK				1	1	17.65	17.64	17.58	19.00
Channel									
Frequency (MHz)				502000	507000	511000	Tune-up Limit (dBm)		
25									
P12 BPSK				1	1	17.65	17.65	17.67	19.00
Channel									
Frequency (MHz)				500000	507000	510000	Tune-up Limit (dBm)		
20									
P12 BPSK				1	1	17.64	17.63	17.60	19.00
Channel									
Frequency (MHz)				501500	507000	510500	Tune-up Limit (dBm)		
15									
P12 BPSK				1	1	17.63	17.64	17.54	19.00
Channel									
Frequency (MHz)				501000	507000	510000	Tune-up Limit (dBm)		
10									
P12 BPSK				1	1	17.63	17.63	17.56	19.00
Channel									
Frequency (MHz)				500500	507000	510500	Tune-up Limit (dBm)		
5									
P12 BPSK				1	1	17.68	17.69	17.54	19.00

Sensor on Power

<GSM>

TX Channel	Burst Avg. Power (dBm)			Timing Limit (dBm)	Frame Avg. Power (dBm)			Timing Limit (dBm)
	128	189	251		128	189	251	
Frequency(MHz)	834.2	836.4	848.8		834.2	836.4	848.8	
GSM 1 Tx slot	19.34	19.25	19.23	20.55	19.34	19.35	19.23	11.50
GPRS 3 Tx slots	18.90	19.22	19.14	20.00	18.16	19.22	19.14	11.50
GPRS 2 Tx slots	18.54	18.57	18.50	19.50	12.54	12.57	12.50	13.50
GPRS 3 Tx slots	16.76	16.82	16.81	18.00	12.50	12.56	12.55	13.74
GPRS 4 Tx slots	15.44	15.48	15.46	17.00	12.44	12.48	12.46	14.00
EDGE 1 Tx slot	19.49	19.57	19.53	20.50	19.49	19.57	19.53	11.50
EDGE 2 Tx slots	18.37	18.52	18.37	19.50	12.37	12.52	12.37	13.50
EDGE 3 Tx slots	17.20	17.25	17.15	18.00	12.34	12.37	12.30	13.74
EDGE 4 Tx slots	15.90	15.98	15.91	17.00	12.32	12.38	12.31	14.00

<GSM>

TX Channel	Burst Avg. Power (dBm)			Timing Limit (dBm)	Frame Avg. Power (dBm)			Timing Limit (dBm)
	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1860	1900.8		1850.2	1860	1900.8	
GSM 1 Tx slot	15.21	15.39	15.22	16.50	6.21	6.39	6.22	7.50
GPRS 3 Tx slots	15.17	15.20	15.20	16.50	6.17	6.20	6.20	7.50
GPRS 2 Tx slots	14.48	14.53	14.46	15.50	6.48	6.53	6.46	8.50
GPRS 3 Tx slots	12.70	12.76	12.68	13.50	6.44	6.50	6.42	8.24
GPRS 4 Tx slots	11.65	11.70	11.61	12.50	6.65	6.70	6.61	8.50
EDGE 1 Tx slot	15.88	16.06	15.89	16.50	6.88	7.06	6.89	7.50
EDGE 2 Tx slots	14.94	14.99	14.84	15.50	6.94	6.99	6.84	8.50
EDGE 3 Tx slots	12.83	12.88	12.83	13.50	6.57	6.62	6.57	8.24
EDGE 4 Tx slots	11.42	11.55	11.43	12.50	6.42	6.55	6.43	8.50

-WCDMA-													
Bant	TR Channel	WCDMA II_Ant E_Sensor on			Tune-up Limit (dBm)	WCDMA IV_Ant D_Sensor on			Tune-up Limit (dBm)	WCDMA V_Ant D_Sensor on			Tune-up Limit (dBm)
		592	940	958		1312	1413	1513		4132	4162	4232	
Frequency(MHz)		1822.4	1880	1927.6	1712.4	1712.4	1712.4	1712.4	10.50	12.91	12.91	12.91	14.00
3GPP Rel 99	AMR 12.2kops	7.88	7.91	7.88	9.00	9.25	9.28	9.28	10.50	12.91	12.95	12.93	14.00
	AMR 12.2kops	7.89	7.95	7.82	9.00	9.19	9.32	9.24	10.50	12.86	12.98	12.90	14.00
3GPP Rel 6	HSDPA Subcat-1	6.80	6.93	6.82	8.00	8.32	8.36	8.25	9.50	11.84	11.96	11.90	13.00
	HSDPA Subcat-2	6.87	6.91	6.72	8.00	8.18	8.33	8.18	9.50	11.82	11.92	11.86	13.00
	HSDPA Subcat-3	6.30	6.44	6.28	7.50	7.76	7.85	7.76	9.00	11.30	11.43	11.38	12.50
	HSDPA Subcat-4	6.35	6.42	6.30	7.50	7.74	7.81	7.73	9.00	11.35	11.45	11.34	12.50
3GPP Rel 8	DCHSDPA Subcat-1	6.88	6.95	6.76	8.00	8.14	8.31	8.17	9.50	11.74	11.89	11.75	13.00
	DCHSDPA Subcat-2	6.85	6.90	6.77	8.00	8.17	8.29	8.18	9.50	11.72	11.86	11.78	13.00
	DCHSDPA Subcat-3	6.32	6.45	6.27	7.50	7.77	7.83	7.87	9.00	11.36	11.43	11.27	12.50
	DCHSDPA Subcat-4	6.28	6.43	6.28	7.50	7.72	7.76	7.74	9.00	11.35	11.41	11.31	12.50
3GPP Rel 6	HSPA Subcat-1	6.85	6.89	6.84	8.00	8.21	8.31	8.24	9.50	11.85	11.92	11.81	13.00
	HSPA Subcat-2	4.77	4.92	4.75	6.00	6.25	6.35	6.28	7.50	9.77	9.89	9.83	11.00
	HSPA Subcat-3	5.69	5.93	5.81	7.00	7.19	7.32	7.36	8.50	10.81	10.92	10.83	12.00
	HSPA Subcat-4	4.77	4.89	4.73	6.00	6.12	6.28	6.25	7.50	9.78	9.92	9.81	11.00
	HSPA Subcat-5	6.76	6.93	6.75	8.00	8.18	8.26	8.24	9.50	11.68	11.93	11.79	13.00
	HSPA+ (HSPA) Subcat-1	4.51	4.58	4.53	5.50	5.85	5.93	5.88	7.00	9.51	9.62	9.48	10.50



<LTE Band 5\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Turn-up Limit (dBm)	
				Low Ch./Files	Mid Ch./Files	High Ch./Files		
Channel								
Frequency (MHz)				2040	2045	2050		
10	QPSK	1	0	12.78	12.83	12.76	14.00	
10		1	25	12.70	12.81	12.65	14.00	
10		1	49	12.69	12.79	12.58	14.00	
10		25	0	12.88	12.81	12.89	14.00	
10		25	12	12.89	12.77	12.84	14.00	
10		25	25	12.87	12.75	12.85	14.00	
10		50	0	12.57	12.72	12.64	14.00	
10		1	0	12.58	12.73	12.62	14.00	
10		1	25	12.59	12.76	12.62	14.00	
10		1	49	12.73	12.79	12.65	14.00	
Channel								
Frequency (MHz)				2045	2050	2055		
5	QPSK	1	0	12.85	12.71	12.79	14.00	
5		1	12	12.83	12.76	12.52	14.00	
5		1	24	12.58	12.72	12.52	14.00	
5		12	0	12.68	12.86	12.55	14.00	
5		12	7	12.68	12.72	12.55	14.00	
5		12	13	12.54	12.73	12.62	14.00	
5		25	0	12.87	12.84	12.80	14.00	
5		1	0	12.59	12.68	12.56	14.00	
5		1	12	12.58	12.70	12.54	14.00	
5		1	24	12.81	12.85	12.55	14.00	
Channel								
Frequency (MHz)				2055	2060	2065		
5	QPSK	1	0	12.48	12.67	12.45	14.00	
5		1	12	12.58	12.65	12.48	14.00	
5		1	24	12.52	12.64	12.48	14.00	
5		12	0	12.81	12.83	12.80	14.00	
5		12	7	12.58	12.66	12.53	14.00	
5		12	13	12.58	12.74	12.54	14.00	
5		25	0	12.59	12.72	12.55	14.00	
5		1	0	12.62	12.72	12.67	14.00	
5		1	12	12.34	12.58	12.35	14.00	
5		1	24	12.48	12.67	12.38	14.00	
Channel								
Frequency (MHz)				2065	2070	2075		
3	QPSK	1	0	12.63	12.72	12.63	14.00	
3		1	8	12.55	12.75	12.52	14.00	
3		1	14	12.63	12.64	12.47	14.00	
3		8	0	12.58	12.75	12.56	14.00	
3		8	4	12.68	12.73	12.53	14.00	
3		8	7	12.68	12.68	12.58	14.00	
3		15	0	12.58	12.64	12.49	14.00	
3		1	0	12.49	12.70	12.49	14.00	
3		1	8	12.58	12.66	12.50	14.00	
3		1	14	12.79	12.71	12.45	14.00	
Channel								
Frequency (MHz)				2070	2075	2080		
3	QPSK	1	0	12.47	12.65	12.48	14.00	
3		8	4	12.51	12.64	12.43	14.00	
3		15	0	12.41	12.62	12.38	14.00	
3		1	0	12.50	12.52	12.35	14.00	
3		1	8	12.48	12.68	12.43	14.00	
3		1	14	12.60	12.60	12.41	14.00	
3		8	0	12.58	12.67	12.55	14.00	
3		8	4	12.58	12.67	12.52	14.00	
3		8	7	12.57	12.69	12.50	14.00	
3		15	0	12.58	12.66	12.36	14.00	
Channel								
Frequency (MHz)				2080	2085	2090		
3	QPSK	1	0	12.44	12.60	12.41	14.00	
3		1	8	12.48	12.65	12.42	14.00	
3		8	0	12.56	12.62	12.52	14.00	
3		8	4	12.51	12.60	12.38	14.00	
3		8	7	12.58	12.67	12.46	14.00	
3		15	0	12.45	12.59	12.58	14.00	
Channel								
Frequency (MHz)				2090	2095	2100		
1.4		QPSK	1	0	12.71	12.76	12.73	14.00
1.4			1	3	12.88	12.88	12.59	14.00
1.4	1		5	12.59	12.74	12.45	14.00	
1.4	3		0	12.58	12.67	12.59	14.00	
1.4	3		1	12.61	12.69	12.54	14.00	
1.4	3		3	12.63	12.74	12.51	14.00	
1.4	8		0	12.45	12.61	12.50	14.00	
1.4	1		0	12.80	12.63	12.53	14.00	
1.4	1		3	12.47	12.67	12.57	14.00	
1.4	1		5	12.59	12.71	12.59	14.00	
Channel								
Frequency (MHz)				2095	2100	2105		
1.4	QPSK	1	0	12.47	12.63	12.52	14.00	
1.4		3	1	12.48	12.64	12.45	14.00	
1.4		3	3	12.37	12.68	12.38	14.00	
1.4		8	0	12.40	12.56	12.44	14.00	
1.4		1	0	12.50	12.61	12.43	14.00	
1.4		1	3	12.46	12.65	12.51	14.00	
1.4		1	5	12.56	12.66	12.44	14.00	
1.4		3	0	12.63	12.71	12.45	14.00	
1.4		3	1	12.84	12.73	12.48	14.00	
1.4		3	3	12.61	12.73	12.50	14.00	
Channel								
Frequency (MHz)				2105	2110	2115		
1.4	QPSK	1	0	12.61	12.62	12.61	14.00	
1.4		1	3	12.54	12.68	12.67	14.00	
1.4		1	5	12.56	12.68	12.49	14.00	
1.4		3	0	12.61	12.68	12.54	14.00	
1.4		3	1	12.43	12.65	12.43	14.00	
1.4		3	3	12.54	12.73	12.59	14.00	
1.4		8	0	12.49	12.63	12.51	14.00	

<LTE Band 7\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Turn-up Limit (dBm)
				Low Ch./Files	Mid Ch./Files	High Ch./Files	
Channel							
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	9.22	9.26	9.25	10.00
20		1	49	9.11	9.24	9.20	10.00
20		1	99	9.06	9.21	9.08	10.00
20		50	0	9.02	9.18	9.04	10.00
20		50	24	9.10	9.18	9.06	10.00
20		50	50	9.07	9.15	9.12	10.00
20		100	0	9.04	9.13	9.03	10.00
20		1	0	9.09	9.14	9.03	10.00
20		1	49	9.08	9.11	9.07	10.00
20		1	99	9.09	9.09	9.08	10.00
Channel							
Frequency (MHz)				2515	2540	2565	
20	QPSK	1	0	8.89	9.07	8.98	10.00
20		1	49	8.98	9.13	9.10	10.00
20		1	99	8.95	9.04	8.99	10.00
20		50	0	8.92	9.01	8.87	10.00
20		50	24	8.93	9.06	8.97	10.00
20		50	50	8.93	9.08	8.95	10.00
20		100	0	8.85	8.94	8.87	10.00
20		1	0	8.95	9.09	8.98	10.00
20		1	49	9.00	9.13	9.11	10.00
20		1	99	8.94	9.10	9.09	10.00
Channel							
Frequency (MHz)				2520	2545	2570	
20	QPSK	1	0	9.03	9.10	9.08	10.00
20		1	49	8.94	9.04	8.99	10.00
20		1	99	8.97	9.07	8.98	10.00
20		50	0	9.07	9.11	8.93	10.00
20		50	24	8.93	9.09	8.93	10.00
20		50	50	8.96	9.03	8.94	10.00
20		100	0	8.84	8.92	8.86	10.00
20		1	0	8.97	9.07	8.98	10.00
20		1	49	9.00	9.13	9.11	10.00
20		1	99	8.94	9.10	9.09	10.00
Channel							
Frequency (MHz)				2525	2550	2575	
20	QPSK	1	0	8.81	8.89	8.84	10.00
20		1	49	8.83	8.93	8.83	10.00
20		1	97	8.79	8.88	8.78	10.00
20		36	0	8.91	8.97	8.90	10.00
20		36	20	8.91	9.05	8.89	10.00
20		36	39	8.94	9.04	8.98	10.00
20		75	0	8.87	8.93	8.83	10.00
20		1	0	8.97	9.07	8.98	10.00
20		1	37	8.90	9.09	8.83	10.00
20		1	74	8.90	8.95	8.85	10.00
Channel							
Frequency (MHz)				2530	2555	2580	
20	QPSK	1	0	8.81	8.89	8.86	10.00
20		1	49	8.83	8.93	8.83	10.00
20		1	97	8.79	8.88	8.78	10.00
20		36	0	8.91	8.97	8.90	10.00
20		36	20	8.91	9.05	8.89	10.00
20		36	39	8.94	9.04	8.98	10.00
20		75	0	8.87	8.93	8.83	10.00
20		1	0	8.97	9.07	8.98	10.00
20		1	37	8.90	9.09	8.83	10.00
20		1	74	8.90	8.95	8.85	10.00
Channel							
Frequency (MHz)				2535	2560	2585	
20	QPSK	1	0	9.10	9.19	9.20	10.00
20		1	25	9.03	9.14	9.08	10.00
20		1	49	8.99	9.13	9.01	10.00
20		25	0	9.08	9.08	9.04	10.00
20		25	12	9.08	9.03	9.04	10.00
20		25	25	9.02	9.02	8.99	10.00
20		50	0	9.02	9.07	9.00	10.00
20		1	0	9.04	9.09	8.91	10.00
20		1	25	9.00	9.06	8.92	10.00
20		1	49	9.02	9.05	8.92	10.00
Channel							
Frequency (MHz)				2540	2565	2590	
20	QPSK	1	0	8.84	8.93	8.83	10.00
20		1	49	8.86	8.93	8.83	10.00
20		1	97</				



Appendix E

<LTE Band 26\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power			Time-up Limit (dBm)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				26742	26862	26992		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	12.85	12.88	12.83	14.00	
15		1	37	12.71	12.85	12.68	14.00	
15		1	74	12.75	12.81	12.68	14.00	
15		25	0	12.86	12.78	12.69	14.00	
15		25	20	12.69	12.77	12.64	14.00	
15		36	39	12.68	12.76	12.67	14.00	
15		75	0	12.61	12.73	12.60	14.00	
15		1	0	12.60	12.74	12.66	14.00	
15		1	37	12.51	12.68	12.52	14.00	
15		1	74	12.51	12.66	12.50	14.00	
15		25	0	12.56	12.66	12.55	14.00	
15		25	20	12.57	12.73	12.52	14.00	
15	16QAM	1	0	12.84	12.86	12.86	14.00	
15		36	30	12.67	12.72	12.53	14.00	
15		36	39	12.65	12.73	12.63	14.00	
15		75	0	12.62	12.78	12.60	14.00	
15		1	0	12.55	12.71	12.56	14.00	
15		1	37	12.57	12.73	12.52	14.00	
15		1	74	12.48	12.65	12.46	14.00	
15		36	0	12.48	12.64	12.53	14.00	
15		36	20	12.61	12.69	12.50	14.00	
15		36	39	12.48	12.63	12.55	14.00	
15		75	0	12.52	12.66	12.48	14.00	
15		1	0	12.58	12.66	12.50	14.00	
15	256QAM	1	37	12.69	12.73	12.59	14.00	
15		1	74	12.68	12.71	12.58	14.00	
15		36	0	12.60	12.78	12.67	14.00	
15		36	20	12.68	12.74	12.60	14.00	
15		36	39	12.66	12.71	12.54	14.00	
15		75	0	12.59	12.68	12.55	14.00	
Channel				26742	26862	26992		
Frequency (MHz)				819	831.5	844		
10		QPSK	1	0	12.83	12.82	12.79	14.00
10			1	25	12.96	12.96	12.87	14.00
10			1	49	12.85	12.72	12.66	14.00
10			25	0	12.60	12.66	12.68	14.00
10	25		12	12.65	12.68	12.56	14.00	
10	25		25	12.54	12.73	12.59	14.00	
10	50		0	12.53	12.58	12.48	14.00	
10	1		0	12.57	12.66	12.62	14.00	
10	1		25	12.48	12.63	12.45	14.00	
10	1		49	12.49	12.59	12.54	14.00	
10	25		0	12.48	12.60	12.47	14.00	
10	25		12	12.53	12.69	12.45	14.00	
10	25	25	12.56	12.71	12.56	14.00		
10	50	0	12.51	12.74	12.55	14.00		
10	16QAM	1	0	12.59	12.58	12.49	14.00	
10		1	25	12.54	12.71	12.54	14.00	
10		25	12	12.53	12.69	12.45	14.00	
10		25	25	12.56	12.71	12.56	14.00	
10		50	0	12.51	12.74	12.55	14.00	
10		1	0	12.59	12.58	12.49	14.00	
10		1	25	12.54	12.71	12.54	14.00	
10		25	12	12.42	12.60	12.35	14.00	
10		25	25	12.44	12.69	12.39	14.00	
10		50	0	12.45	12.63	12.41	14.00	
10		1	0	12.48	12.56	12.42	14.00	
10		1	25	12.58	12.60	12.63	14.00	
10	25	12	12.56	12.76	12.46	14.00		
10	25	25	12.56	12.70	12.58	14.00		
10	50	0	12.49	12.67	12.50	14.00		
Channel				26742	26862	26992		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	12.75	12.85	12.74	14.00	
5		1	12	12.59	12.79	12.60	14.00	
5		1	24	12.66	12.75	12.53	14.00	
5		12	0	12.53	12.76	12.55	14.00	
5		12	7	12.67	12.76	12.56	14.00	
5		12	13	12.56	12.62	12.61	14.00	
5		25	0	12.57	12.66	12.47	14.00	
5		1	0	12.47	12.66	12.64	14.00	
5		1	12	12.41	12.62	12.48	14.00	
5		11	24	12.46	12.61	12.60	14.00	
5		12	0	12.51	12.62	12.44	14.00	
5		12	7	12.44	12.64	12.69	14.00	
5	12	13	12.60	12.69	12.49	14.00		
5	25	0	12.57	12.72	12.51	14.00		
5	1	0	12.42	12.64	12.52	14.00		
5	1	13	12.43	12.61	12.56	14.00		
5	1	24	12.44	12.56	12.33	14.00		
5	12	0	12.36	12.58	12.51	14.00		
5	12	7	12.56	12.56	12.39	14.00		
5	12	13	12.46	12.60	12.44	14.00		
5	25	0	12.39	12.54	12.37	14.00		
5	1	0	12.40	12.52	12.45	14.00		
5	1	12	12.56	12.70	12.50	14.00		
5	16QAM	1	24	12.67	12.66	12.53	14.00	
5		12	0	12.49	12.73	12.56	14.00	
5		12	7	12.66	12.69	12.54	14.00	
5		12	13	12.54	12.66	12.43	14.00	
5		25	0	12.37	12.63	12.43	14.00	
Channel				26742	26862	27022		
Frequency (MHz)				815.5	831.5	847.5		
3		QPSK	1	0	12.77	12.84	12.80	14.00
3			1	8	12.69	12.78	12.64	14.00
3			1	14	12.73	12.72	12.59	14.00
3			8	0	12.60	12.71	12.58	14.00
3			8	4	12.54	12.74	12.59	14.00
3	8		7	12.65	12.71	12.57	14.00	
3	15		0	12.59	12.69	12.47	14.00	
3	1		0	12.47	12.76	12.69	14.00	
3	1		8	12.36	12.56	12.43	14.00	
3	1		14	12.48	12.57	12.56	14.00	
3	8		0	12.53	12.63	12.53	14.00	
3	8		4	12.54	12.68	12.52	14.00	
3	8	7	12.61	12.59	12.51	14.00		
3	15	0	12.59	12.63	12.48	14.00		
3	16QAM	1	0	12.42	12.60	12.53	14.00	
3		1	8	12.48	12.67	12.55	14.00	
3		1	14	12.37	12.54	12.38	14.00	
3		8	0	12.42	12.60	12.49	14.00	
3		8	4	12.54	12.56	12.46	14.00	
3		8	7	12.37	12.56	12.48	14.00	
3		15	0	12.44	12.63	12.34	14.00	
3		1	0	12.45	12.64	12.40	14.00	
3		1	8	12.67	12.68	12.53	14.00	
3		1	14	12.56	12.66	12.46	14.00	
3		8	0	12.58	12.66	12.46	14.00	
3		8	4	12.54	12.65	12.61	14.00	
3	8	7	12.54	12.68	12.50	14.00		
3	15	0	12.53	12.61	12.54	14.00		
Channel				26997	26862	27022		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	12.77	12.82	12.78	14.00	
1.4		1	3	12.62	12.78	12.66	14.00	
1.4		1	5	12.70	12.73	12.65	14.00	
1.4		3	0	12.66	12.69	12.56	14.00	
1.4		3	1	12.63	12.65	12.55	14.00	
1.4		3	3	12.63	12.73	12.62	14.00	
1.4		6	0	12.59	12.59	12.56	14.00	
1.4		1	0	12.48	12.73	12.55	14.00	
1.4		1	3	12.46	12.55	12.39	14.00	
1.4		1	5	12.54	12.67	12.50	14.00	
1.4		3	0	12.46	12.61	12.46	14.00	
1.4		3	1	12.47	12.63	12.40	14.00	
1.4	16QAM	3	3	12.69	12.66	12.49	14.00	
1.4		8	0	12.60	12.73	12.46	14.00	
1.4		1	0	12.44	12.56	12.46	14.00	
1.4		1	3	12.53	12.76	12.50	14.00	
1.4		1	5	12.41	12.60	12.37	14.00	
1.4		3	0	12.42	12.62	12.42	14.00	
1.4		3	1	12.67	12.59	12.40	14.00	
1.4		3	3	12.35	12.60	12.43	14.00	
1.4		8	0	12.37	12.56	12.38	14.00	
1.4		1	0	12.48	12.52	12.40	14.00	
1.4		1	3	12.67	12.72	12.48	14.00	
1.4		256QAM	1	5	12.56	12.59	12.49	14.00
1.4	3		0	12.48	12.70	12.56	14.00	
1.4	3		1	12.59	12.68	12.55	14.00	
1.4	3		3	12.57	12.66	12.45	14.00	
1.4	8		0	12.48	12.52	12.40	14.00	



<LTE Band 39\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Start	RB Offset	Power			Turn-Up Limit (dBm)	
				Low Ch./Freq	High Ch./Freq	High Ch./Freq		
Channel				2762	2800	2838		
Frequency (MHz)				2000	2056	2010		
20	QPSK	1	0	10.33	10.40	10.38	11.00	
20		1	49	10.29	10.38	10.29	11.00	
20		1	99	10.20	10.38	10.17	11.00	
20		50	0	10.20	10.32	10.28	11.00	
20		50	24	10.20	10.32	10.28	11.00	
20		50	50	10.10	10.28	10.10	11.00	
20		100	0	10.18	10.31	10.20	11.00	
20		1	0	10.04	10.22	10.03	11.00	
20		1	49	10.20	10.34	10.22	11.00	
20		1	99	10.08	10.28	10.09	11.00	
20	16QAM	50	0	10.15	10.28	10.14	11.00	
20		50	24	10.11	10.29	10.13	11.00	
20		50	50	10.12	10.21	10.08	11.00	
20		100	0	10.23	10.33	10.15	11.00	
20		1	0	10.29	10.21	10.18	11.00	
20		1	49	10.18	10.30	10.13	11.00	
20		1	99	10.15	10.24	10.09	11.00	
20		50	0	10.12	10.28	10.11	11.00	
20		50	24	10.05	10.22	10.17	11.00	
20		50	50	10.15	10.24	10.17	11.00	
20	64QAM	100	0	10.10	10.29	10.16	11.00	
20		1	0	10.11	10.24	10.08	11.00	
20		1	49	10.15	10.28	10.17	11.00	
20		1	99	10.04	10.26	10.11	11.00	
20		50	0	10.09	10.22	10.13	11.00	
20		50	24	10.10	10.28	10.12	11.00	
20		50	50	10.18	10.31	10.18	11.00	
20		100	0	10.18	10.25	10.15	11.00	
20		1	0	10.11	10.24	10.08	11.00	
20		1	49	10.15	10.28	10.17	11.00	
Channel				2762	2800	2838		
Frequency (MHz)				2777.5	2795	2812.5		
15	QPSK	1	0	10.28	10.39	10.22	11.00	
15		1	37	10.28	10.38	10.22	11.00	
15		1	74	10.08	10.34	10.07	11.00	
15		38	0	10.18	10.28	10.21	11.00	
15		38	20	10.07	10.18	10.22	11.00	
15		38	39	10.00	10.22	10.05	11.00	
15		75	0	10.10	10.24	10.08	11.00	
15		1	0	9.99	10.14	9.88	11.00	
15		1	37	10.11	10.22	10.10	11.00	
15		1	74	10.01	10.23	10.07	11.00	
15	16QAM	38	0	10.02	10.13	10.05	11.00	
15		38	20	10.10	10.18	10.04	11.00	
15		38	39	10.01	10.20	9.98	11.00	
15		75	0	10.13	10.25	10.05	11.00	
15		1	0	10.08	10.27	10.04	11.00	
15		1	37	10.07	10.28	10.02	11.00	
15		1	74	10.09	10.17	10.05	11.00	
15		38	0	10.09	10.17	10.07	11.00	
15		38	20	9.95	10.14	10.04	11.00	
15		38	39	10.01	10.15	10.00	11.00	
15	64QAM	75	0	10.00	10.25	10.02	11.00	
15		1	0	10.02	10.20	10.01	11.00	
15		1	37	10.13	10.21	10.13	11.00	
15		1	74	10.06	10.27	10.03	11.00	
15		38	0	9.95	10.20	10.02	11.00	
15		38	20	10.07	10.28	10.02	11.00	
15		38	39	10.08	10.27	10.07	11.00	
15		75	0	10.12	10.17	10.10	11.00	
Channel				2762	2800	2838		
Frequency (MHz)				2775	2795	2815		
10	QPSK	1	0	10.21	10.28	10.32	11.00	
10		1	25	10.25	10.34	10.20	11.00	
10		1	49	10.10	10.34	10.08	11.00	
10		25	0	10.14	10.24	10.22	11.00	
10		25	12	10.18	10.23	10.25	11.00	
10		25	25	10.08	10.20	10.14	11.00	
10		50	0	10.13	10.23	10.18	11.00	
10		1	0	9.94	10.09	9.88	11.00	
10		1	25	10.05	10.25	10.18	11.00	
10		1	49	9.98	10.13	10.08	11.00	
10	16QAM	25	0	10.07	10.20	10.08	11.00	
10		25	12	9.98	10.22	10.05	11.00	
10		25	25	10.01	10.10	9.90	11.00	
10		50	0	10.11	10.26	10.01	11.00	
10		1	0	10.05	10.24	10.10	11.00	
10		1	25	10.13	10.21	10.03	11.00	
10		1	49	10.05	10.17	10.05	11.00	
10		25	0	9.99	10.20	10.00	11.00	
10		25	12	9.93	10.20	10.14	11.00	
10		25	25	10.10	10.20	10.13	11.00	
10	64QAM	50	0	9.98	10.18	10.09	11.00	
10		1	0	9.98	10.20	10.04	11.00	
10		1	25	10.11	10.18	10.08	11.00	
10		1	49	9.91	10.20	10.04	11.00	
10		25	0	10.01	10.08	10.09	11.00	
10		25	12	10.06	10.21	10.07	11.00	
10		25	25	10.10	10.20	10.17	11.00	
10		50	0	10.12	10.11	10.08	11.00	
Channel				2775	2800	2825		
Frequency (MHz)				2772.5	2795	2817.5		
5	QPSK	1	0	10.28	10.30	10.34	11.00	
5		1	12	10.26	10.24	10.25	11.00	
5		1	24	10.17	10.28	10.08	11.00	
5		12	0	10.12	10.30	10.21	11.00	
5		12	7	10.07	10.21	10.23	11.00	
5		12	13	10.08	10.14	10.14	11.00	
5		25	0	10.15	10.18	10.08	11.00	
5		1	0	10.01	10.08	9.99	11.00	
5		1	12	10.18	10.28	10.20	11.00	
5		1	24	9.98	10.24	10.09	11.00	
5	16QAM	12	0	10.04	10.20	10.09	11.00	
5		12	7	10.02	10.24	10.05	11.00	
5		12	13	10.08	10.11	10.09	11.00	
5		25	0	10.08	10.18	10.03	11.00	
5		1	0	10.06	10.18	10.15	11.00	
5		1	12	10.11	10.27	10.00	11.00	
5		1	24	10.01	10.12	10.07	11.00	
5		12	0	9.99	10.25	10.00	11.00	
5		12	7	10.01	10.20	10.02	11.00	
5		12	13	10.07	10.23	10.05	11.00	
5	64QAM	25	0	10.07	10.17	10.07	11.00	
5		1	0	9.99	10.13	9.96	11.00	
5		1	12	10.13	10.12	10.12	11.00	
5		1	24	9.99	10.21	9.98	11.00	
5		12	0	10.02	10.08	10.01	11.00	
5		12	7	10.08	10.15	10.01	11.00	
5		12	13	10.07	10.23	10.05	11.00	
5		25	0	10.07	10.17	10.07	11.00	
5		1	0	9.99	10.13	9.96	11.00	
5		1	12	10.13	10.12	10.12	11.00	
Channel				2775	2800	2825		
Frequency (MHz)				2772.5	2795	2817.5		

<LTE Band 41\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Start	RB Offset	Power			Turn-Up Limit (dBm)
				Low Ch./Freq	High Ch./Freq	High Ch./Freq	
Channel				40185	40620	41055	
Frequency (MHz)				2006	2049.5	2093	
20	QPSK	1	0	10.41	10.43	10.46	11.00
20		1	49	10.25	10.38	10.41	11.00
20		1	99	10.32	10.37	10.43	11.00
20		50	0	10.20	10.30	10.28	11.00
20		50	24	10.21	10.30	10.29	11.00
20		50	50	10.21	10.26	10.38	11.00
20		100	0	10.23	10.27	10.31	11.00
20		1	0	10.17	10.16	10.33	11.00
20		1	49	10.28	10.32	10.35	11.00
20		1	99	10.29	10.23	10.28	11.00
20	16QAM	50	0	10.19	10.32	10.27	11.00
20		50	24	10.21	10.24	10.31	11.00
20		50	50	10.25	10.22	10.32	11.00
20		100	0	10.21	10.19	10.34	11.00
20		1	0	10.21	10.19	10.34	11.00
20		1	49	10.22	10.27	10.30	11.00
20		1	99	10.23	10.23	10.34	11.00
20		50	0	10.16	10.23	10.31	11.00
20		50	24	10.16	10.23	10.26	11.00
20		50	50	10.10	10.23	10.27	11.00
20	64QAM	100	0	10.23	10.26	10.29	11.00
20		1	0	10.14	10.14	10.25	11.00
20		1	49	10.18	10.18	10.31	11.00
20		1	99	10.18	10.23	10.36	11.00
20		50	0	10.21	10.17	10.30	11.00
20		50	24	10.13	10.21	10.21	11.00
20		50	50	10.10	10.17	10.28	11.00
20		100	0	10.18	10.14	10.28	11.00
20		1	0	10.14	10.14	10.25	11.00
20		1	49	10.18	10.18	10.31	11.00
Channel				40185	40620	41055	
Frequency (MHz)				2003	2043.5	2082.5	
15	QPSK	1	0	10.20	10.30	10.35	11.00
15							



# Appendix E

<LTE Band 7_Ant 1_Sensor on>								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				2065	2100	2135		
Frequency (MHz)				2010	2055	2090		
20	QPSK	1	0	11.45	11.50	11.48	12.00	
20		1	49	11.31	11.46	11.33	12.00	
20		1	99	11.32	11.49	11.36	12.00	
20		50	0	11.30	11.45	11.38	12.00	
20		50	24	11.36	11.42	11.28	12.00	
20		50	50	11.29	11.41	11.35	12.00	
20		100	0	11.25	11.38	11.28	12.00	
20		1	0	11.23	11.36	11.23	12.00	
20		1	49	11.21	11.33	11.22	12.00	
20		1	99	11.31	11.37	11.31	12.00	
20	16QAM	50	0	11.30	11.36	11.32	12.00	
20		50	24	11.37	11.45	11.40	12.00	
20		50	50	11.32	11.41	11.25	12.00	
20		100	0	11.24	11.43	11.37	12.00	
20		1	0	11.20	11.40	11.37	12.00	
20		1	49	11.33	11.44	11.36	12.00	
20		1	99	11.16	11.35	11.27	12.00	
20		50	0	11.29	11.39	11.28	12.00	
20		50	24	11.26	11.34	11.20	12.00	
20		50	50	11.17	11.36	11.29	12.00	
20	64QAM	100	0	11.28	11.37	11.28	12.00	
20		1	0	11.19	11.32	11.27	12.00	
20		1	49	11.20	11.31	11.17	12.00	
20		1	99	11.31	11.45	11.31	12.00	
20		50	0	11.32	11.41	11.25	12.00	
20		50	24	11.38	11.46	11.42	12.00	
20		50	50	11.29	11.48	11.36	12.00	
20		100	0	11.34	11.44	11.35	12.00	
Channel				2065	2100	2135		
Frequency (MHz)				2027.5	2035	2063.5		
15	QPSK	1	0	11.39	11.47	11.38	12.00	
15		1	37	11.17	11.42	11.31	12.00	
15		1	74	11.27	11.37	11.35	12.00	
15		38	0	11.20	11.45	11.30	12.00	
15		38	20	11.28	11.36	11.24	12.00	
15		38	39	11.27	11.29	11.33	12.00	
15		75	0	11.21	11.25	11.21	12.00	
15		1	0	11.12	11.27	11.11	12.00	
15		1	37	11.16	11.23	11.19	12.00	
15		1	74	11.27	11.34	11.21	12.00	
15	16QAM	38	0	11.21	11.24	11.22	12.00	
15		38	20	11.28	11.32	11.32	12.00	
15		38	39	11.19	11.28	11.15	12.00	
15		75	0	11.22	11.36	11.20	12.00	
15		1	0	11.21	11.34	11.34	12.00	
15		1	37	11.25	11.34	11.29	12.00	
15		1	74	11.13	11.24	11.25	12.00	
15		38	0	11.24	11.37	11.19	12.00	
15		38	20	11.25	11.23	11.08	12.00	
15		38	39	11.11	11.23	11.25	12.00	
15	64QAM	75	0	11.23	11.28	11.16	12.00	
15		1	0	11.11	11.18	11.13	12.00	
15		1	37	11.13	11.18	11.12	12.00	
15		1	74	11.16	11.35	11.24	12.00	
15		38	0	11.27	11.30	11.10	12.00	
15		38	20	11.37	11.42	11.37	12.00	
15		38	39	11.21	11.40	11.29	12.00	
15		75	0	11.23	11.42	11.21	12.00	
Channel				2065	2100	2135		
Frequency (MHz)				2065	2055	2065		
10	QPSK	1	0	11.39	11.45	11.38	12.00	
10		1	25	11.17	11.41	11.19	12.00	
10		1	49	11.24	11.37	11.25	12.00	
10		25	0	11.27	11.43	11.32	12.00	
10		25	13	11.39	11.38	11.23	12.00	
10		25	25	11.22	11.30	11.28	12.00	
10		50	0	11.12	11.33	11.15	12.00	
10		1	0	11.22	11.24	11.09	12.00	
10		1	25	11.10	11.23	11.14	12.00	
10		1	49	11.26	11.29	11.28	12.00	
10	16QAM	25	0	11.21	11.35	11.20	12.00	
10		25	13	11.29	11.30	11.35	12.00	
10		25	25	11.23	11.26	11.14	12.00	
10		50	0	11.18	11.33	11.31	12.00	
10		1	0	11.22	11.30	11.32	12.00	
10		1	25	11.20	11.34	11.21	12.00	
10		1	49	11.11	11.32	11.16	12.00	
10		25	0	11.27	11.33	11.13	12.00	
10		25	13	11.24	11.33	11.11	12.00	
10		25	25	11.09	11.27	11.23	12.00	
10	64QAM	50	0	11.15	11.36	11.25	12.00	
10		1	0	11.08	11.27	11.13	12.00	
10		1	25	11.15	11.29	11.07	12.00	
10		1	49	11.30	11.43	11.24	12.00	
10		25	0	11.22	11.26	11.15	12.00	
10		25	13	11.28	11.37	11.36	12.00	
10		25	25	11.25	11.34	11.30	12.00	
10		50	0	11.31	11.41	11.27	12.00	
Channel				2075	2100	2125		
Frequency (MHz)				2022.5	2035	2063.5		
5	QPSK	1	0	11.34	11.37	11.40	12.00	
5		1	13	11.30	11.44	11.31	12.00	
5		1	24	11.31	11.48	11.32	12.00	
5		12	0	11.25	11.36	11.24	12.00	
5		12	7	11.28	11.39	11.16	12.00	
5		12	13	11.16	11.40	11.22	12.00	
5		25	0	11.13	11.24	11.19	12.00	
5		1	0	11.11	11.22	11.22	12.00	
5		1	13	11.08	11.21	11.18	12.00	
5		1	24	11.20	11.25	11.28	12.00	
5	16QAM	12	0	11.26	11.34	11.19	12.00	
5		12	7	11.31	11.38	11.38	12.00	
5		12	13	11.17	11.26	11.16	12.00	
5		25	0	11.18	11.30	11.26	12.00	
5		1	0	11.17	11.29	11.34	12.00	
5		1	13	11.22	11.37	11.25	12.00	
5		1	24	11.03	11.22	11.13	12.00	
5		12	0	11.15	11.24	11.21	12.00	
5		12	7	11.18	11.27	11.08	12.00	
5		12	13	11.14	11.32	11.22	12.00	
5	64QAM	25	0	11.19	11.33	11.23	12.00	
5		1	0	11.15	11.22	11.24	12.00	
5		1	12	11.12	11.24	11.05	12.00	
5		1	24	11.23	11.37	11.26	12.00	
5		12	0	11.20	11.27	11.10	12.00	
5		12	7	11.32	11.38	11.37	12.00	
5		12	13	11.23	11.39	11.25	12.00	
5		25	0	11.31	11.33	11.25	12.00	
Channel				2075	2100	2125		
Frequency (MHz)				2022.5	2035	2063.5		
5	QPSK	1	0	11.34	11.37	11.40	12.00	
5		1	13	11.30	11.44	11.31	12.00	
5		1	24	11.31	11.48	11.32	12.00	
5		12	0	11.25	11.36	11.24	12.00	
5		12	7	11.28	11.39	11.16	12.00	
5		12	13	11.16	11.40	11.22	12.00	
5		25	0	11.13	11.24	11.19	12.00	
5		1	0	11.11	11.22	11.22	12.00	
5		1	13	11.08	11.21	11.18	12.00	
5		1	24	11.20	11.25	11.28	12.00	
5	16QAM	12	0	11.26	11.34	11.19	12.00	
5		12	7	11.31	11.38	11.38	12.00	
5		12	13	11.17	11.26	11.16	12.00	
5		25	0	11.18	11.30	11.26	12.00	
5		1	0	11.17	11.29	11.34	12.00	
5		1	13	11.22	11.37	11.25	12.00	
5		1	24	11.03	11.22	11.13	12.00	
5		12	0	11.15	11.24	11.21	12.00	
5		12	7	11.18	11.27	11.08	12.00	
5		12	13	11.14	11.32	11.22	12.00	
5	64QAM	25	0	11.19	11.33	11.23	12.00	
5		1	0	11.15	11.22	11.24	12.00	
5		1	12	11.12	11.24	11.05	12.00	
5		1	24	11.23	11.37	11.26	12.00	
5		12	0	11.20	11.27	11.10	12.00	
5		12	7	11.32	11.38	11.37	12.00	
5		12	13	11.23	11.39	11.25	12.00	
5		25	0	11.31	11.33	11.25	12.00	



<LTE Band 39\_Ant 1\_Sensor on>

BW (MHz)	Modulation	RB Start	RB Offset	Power			Turn-up Limit (dBm)	
				Power Low Ch./Freq.	Power High Ch./Freq.	Power Mid Ch./Freq.		
Channel				2600	2556	2610		
Frequency (MHz)				2000	2556	2610		
20	QPSK	1	0	10.83	10.88	10.88	12.00	
20		1	49	10.73	10.88	10.78	12.00	
20		1	99	10.77	10.85	10.74	12.00	
20		50	0	10.78	10.81	10.80	12.00	
20		50	24	10.72	10.81	10.72	12.00	
20		50	50	10.72	10.79	10.70	12.00	
20		100	0	10.68	10.73	10.70	12.00	
20		1	0	10.55	10.73	10.63	12.00	
20		1	49	10.52	10.71	10.57	12.00	
20		1	99	10.60	10.70	10.60	12.00	
20	16QAM	50	0	10.71	10.79	10.67	12.00	
20		50	24	10.74	10.83	10.73	12.00	
20		50	50	10.72	10.81	10.72	12.00	
20		100	0	10.62	10.75	10.59	12.00	
20		1	0	10.66	10.74	10.68	12.00	
20		1	49	10.63	10.72	10.54	12.00	
20		1	99	10.57	10.71	10.60	12.00	
20		50	0	10.62	10.73	10.60	12.00	
20		50	24	10.66	10.79	10.68	12.00	
20		50	50	10.72	10.78	10.67	12.00	
20	64QAM	100	0	10.54	10.71	10.67	12.00	
20		1	0	10.58	10.76	10.59	12.00	
20		1	49	10.61	10.78	10.72	12.00	
20		1	99	10.64	10.78	10.62	12.00	
20		50	0	10.59	10.74	10.59	12.00	
20		50	24	10.58	10.73	10.68	12.00	
20		50	50	10.63	10.71	10.58	12.00	
20		100	0	10.57	10.69	10.63	12.00	
Channel				3762	3800	3815		
Frequency (MHz)				2777.5	2595	2610.5		
15	QPSK	1	0	10.77	10.75	10.70	12.00	
15		1	37	10.66	10.71	10.69	12.00	
15		1	74	10.73	10.75	10.61	12.00	
15		36	0	10.67	10.71	10.68	12.00	
15		36	20	10.65	10.72	10.64	12.00	
15		36	36	10.67	10.67	10.68	12.00	
15		75	0	10.76	10.69	10.69	12.00	
15		1	0	10.50	10.67	10.58	12.00	
15		1	37	10.48	10.60	10.47	12.00	
15		1	74	10.52	10.68	10.57	12.00	
15	16QAM	36	0	10.61	10.75	10.60	12.00	
15		36	20	10.63	10.81	10.61	12.00	
15		36	36	10.66	10.82	10.69	12.00	
15		75	0	10.55	10.70	10.49	12.00	
15		1	0	10.55	10.68	10.52	12.00	
15		1	37	10.50	10.68	10.58	12.00	
15		1	74	10.44	10.60	10.55	12.00	
15		36	0	10.62	10.68	10.68	12.00	
15		36	20	10.54	10.67	10.54	12.00	
15		36	36	10.59	10.76	10.58	12.00	
15	64QAM	75	0	10.40	10.62	10.53	12.00	
15		1	0	10.57	10.66	10.55	12.00	
15		1	37	10.54	10.72	10.61	12.00	
15		1	74	10.53	10.65	10.65	12.00	
15		36	0	10.47	10.66	10.56	12.00	
15		36	20	10.51	10.68	10.58	12.00	
15		36	36	10.55	10.67	10.54	12.00	
15		75	0	10.44	10.57	10.51	12.00	
Channel				3900	3950	3915		
Frequency (MHz)				2975	2595	2610		
10	QPSK	1	0	10.70	10.75	10.77	12.00	
10		1	25	10.63	10.63	10.70	12.00	
10		1	49	10.63	10.73	10.66	12.00	
10		25	0	10.68	10.61	10.63	12.00	
10		12	0	10.67	10.72	10.64	12.00	
10		25	25	10.68	10.65	10.64	12.00	
10		50	0	10.65	10.70	10.58	12.00	
10		1	0	10.42	10.72	10.54	12.00	
10		1	25	10.48	10.68	10.51	12.00	
10		1	49	10.59	10.73	10.68	12.00	
10	16QAM	12	0	10.59	10.70	10.55	12.00	
10		25	0	10.59	10.70	10.55	12.00	
10		25	12	10.60	10.77	10.67	12.00	
10		50	0	10.64	10.71	10.60	12.00	
10		50	0	10.55	10.62	10.47	12.00	
10		1	0	10.53	10.65	10.56	12.00	
10		1	25	10.61	10.71	10.60	12.00	
10		1	49	10.48	10.66	10.58	12.00	
10		25	0	10.52	10.71	10.57	12.00	
10		25	12	10.61	10.64	10.63	12.00	
10	64QAM	50	0	10.55	10.78	10.56	12.00	
10		50	0	10.49	10.67	10.54	12.00	
10		1	0	10.55	10.70	10.51	12.00	
10		1	25	10.52	10.74	10.60	12.00	
10		1	49	10.59	10.69	10.59	12.00	
10		25	0	10.53	10.73	10.46	12.00	
10		25	12	10.45	10.65	10.64	12.00	
10		25	25	10.60	10.67	10.49	12.00	
10		50	0	10.51	10.64	10.50	12.00	
Channel				3775	3800	3825		
Frequency (MHz)				2972.5	2595	2617.5		
5	QPSK	1	0	10.71	10.77	10.81	12.00	
5		1	12	10.58	10.68	10.75	12.00	
5		1	24	10.65	10.71	10.68	12.00	
5		12	0	10.69	10.80	10.80	12.00	
5		12	13	10.71	10.78	10.58	12.00	
5		12	13	10.65	10.77	10.63	12.00	
5		25	0	10.57	10.73	10.60	12.00	
5		1	0	10.54	10.61	10.60	12.00	
5		1	12	10.50	10.64	10.55	12.00	
5		1	24	10.50	10.68	10.54	12.00	
5	16QAM	12	0	10.67	10.70	10.53	12.00	
5		12	7	10.65	10.79	10.62	12.00	
5		12	13	10.68	10.77	10.65	12.00	
5		25	0	10.55	10.62	10.54	12.00	
5		1	0	10.64	10.68	10.61	12.00	
5		1	12	10.57	10.69	10.49	12.00	
5		1	24	10.51	10.62	10.58	12.00	
5		12	0	10.56	10.59	10.58	12.00	
5		1	12	10.59	10.68	10.56	12.00	
5		12	13	10.67	10.67	10.64	12.00	
5	64QAM	25	0	10.50	10.59	10.52	12.00	
5		1	0	10.44	10.71	10.49	12.00	
5		1	12	10.52	10.64	10.65	12.00	
5		1	24	10.59	10.68	10.56	12.00	
5		12	0	10.57	10.71	10.51	12.00	
5		12	7	10.49	10.62	10.64	12.00	
5		12	13	10.54	10.62	10.56	12.00	
5		25	0	10.55	10.68	10.54	12.00	
Channel				2972.5	2595	2617.5		

<LTE Band 41\_Ant 1\_Sensor on>

BW (MHz)	Modulation	RB Start	RB Offset	Power			Turn-up Limit (dBm)	
				Power Low Ch./Freq.	Power High Ch./Freq.	Power Mid Ch./Freq.		
Channel				4015	4020	4105		
Frequency (MHz)				2006	2046.5	2093		
20	QPSK	1	0	12.86	12.90	12.87	14.00	
20		1	49	12.77	12.69	12.81	12.78	
20		1	99	12.85	12.73	12.80	12.69	
20		50	0	12.84	12.77	12.88	12.78	
20		50	24	12.78	12.70	12.88	12.68	
20		50	50	12.73	12.73	12.84	12.78	
20		100	0	12.70	12.66	12.81	12.73	
20		1	0	12.75	12.67	12.86	12.74	
20		1	49	12.77	12.70	12.88	12.73	
20		1	99	12.74	12.73	12.85	12.70	
20	16QAM	50	0	12.84	12.88	12.75	12.82	
20		50	24	12.74	12.67	12.79	12.66	
20		50	50	12.66	12.63	12.82	12.67	
20		100	0	12.73	12.63	12.81	12.71	
20		1	0	12.67	12.65	12.81	12.67	
20		1	49	12.67	12.68	12.81	12.67	
20		1	99	12.81	12.70	12.86	12.68	
20		50	0	12.67	12.64	12.83	12.66	
20		50	24	12.84	12.50	12.77	12.59	
20		50	50	12.66	12.67	12.79	12.62	
20	64QAM	100	0	12.68	12.61	12.71	12.54	
20		1	0	12.70	12.58	12.75	12.61	
20		1	49	12.64	12.74	12.62	12.64	
20		1	99	12.62	12.68	12.79	12.70	
20		50	0	12.68	12.63	12.76	12.62	
20		50	24	12.68	12.62	12.82	12.68	
20		50	50	12.71	12.64	12.81	12.74	
20		100	0	12.62	12.50	12.79	12.71	
Channel				3975	4073	4090		
Frequency (MHz)				2503.5	2548.5	2593		
15	QPSK	1	0	12.63	12.73	12.81	12.83	
15		1	37	12.68	12.65	12.85	12.73	
15		1	74	12.81	12.65	12.81	12.80	
15		36	0	12.77	12.62	12.88	12.72	
15		36	20	12.67	12.67	12.78	12.67	
15		36	36	12.71	12.64	12.81	12.53	
15		75	0	12.64				

<FR1 n5\_Ant 0\_Sensor on>

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				16800	167000	167000		
20	P/2 BPSK	1	1	14.01	14.05	14.48	15.00	
20		1	53	14.43	14.52	14.38	15.00	
20		1	104	14.28	14.45	14.24	15.00	
20		50	0	14.31	14.40	14.25	15.00	
20		50	28	14.34	14.48	14.30	15.00	
20		50	56	14.38	14.43	14.29	15.00	
20		100	0	14.41	14.46	14.31	15.00	
20		1	1	14.36	14.42	14.29	15.00	
20		1	53	14.26	14.39	14.21	15.00	
20		1	104	14.20	14.36	14.22	15.00	
Channel								
Frequency (MHz)				16800	167000	167000		
15	P/2 BPSK	1	1	14.44	14.44	14.44	15.00	
Channel								
Frequency (MHz)				16800	167000	167000		
10	P/2 BPSK	1	1	14.45	14.45	14.34	15.00	
Channel								
Frequency (MHz)				16800	167000	167000		
5	P/2 BPSK	1	1	14.42	14.43	14.40	15.00	
Channel								
Frequency (MHz)				16800	167000	167000		

<FR1 n7\_Ant 0\_Sensor on>

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				50000	507000	507000		
50	P/2 BPSK	1	1	9.81	9.84	9.78	11.00	
50		1	135	9.71	9.80	9.84	11.00	
50		1	268	9.72	9.77	9.82	11.00	
50		135	0	9.72	9.75	9.81	11.00	
50		135	68	9.82	9.79	9.92	11.00	
50		135	135	9.82	9.72	9.97	11.00	
50		270	0	9.57	9.75	9.80	11.00	
50		1	1	9.82	9.71	9.97	11.00	
50		1	135	9.56	9.68	9.48	11.00	
50		1	268	9.51	9.66	9.46	11.00	
Channel								
Frequency (MHz)				50000	507000	507000		
40	P/2 BPSK	1	1	9.79	9.76	9.76	11.00	
Channel								
Frequency (MHz)				50000	507000	507000		
35	P/2 BPSK	1	1	9.77	9.69	9.70	11.00	
Channel								
Frequency (MHz)				50000	507000	510000		
Channel								
Frequency (MHz)				200	200	200		
30	P/2 BPSK	1	1	9.67	9.77	9.74	11.00	
Channel								
Frequency (MHz)				50000	507000	511000		
Channel								
Frequency (MHz)				200	200	200		
25	P/2 BPSK	1	1	9.86	9.74	9.72	11.00	
Channel								
Frequency (MHz)				50000	507000	510000		
Channel								
Frequency (MHz)				200	200	200		
20	P/2 BPSK	1	1	9.70	9.70	9.75	11.00	
Channel								
Frequency (MHz)				50000	507000	512000		
Channel								
Frequency (MHz)				200	200	200		
15	P/2 BPSK	1	1	9.77	9.81	9.84	11.00	
Channel								
Frequency (MHz)				50000	507000	513000		
Channel								
Frequency (MHz)				200	200	200		
10	P/2 BPSK	1	1	9.78	9.70	9.86	11.00	
Channel								
Frequency (MHz)				50000	507000	515000		
Channel								
Frequency (MHz)				200	200	200		
5	P/2 BPSK	1	1	9.78	9.80	9.71	11.00	
Channel								
Frequency (MHz)				50000	507000	515000		

<FR1 n26\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				16400	16500	16600		
20	P1/2 BPSK	1	1	14.05	14.00	14.08	15.00	
20		1	53	14.41	14.38	14.54	15.00	
20		1	104	14.37	14.35	14.48	15.00	
20		50	0	14.40	14.38	14.32	15.00	
20		50	28	14.41	14.37	14.47	15.00	
20		50	56	14.45	14.52	14.42	15.00	
20		100	0	14.32	14.48	14.32	15.00	
20		1	1	14.27	14.45	14.29	15.00	
20		1	53	14.36	14.49	14.38	15.00	
20		1	104	14.07	14.56	14.42	15.00	
20	QPSK	50	0	14.43	14.54	14.43	15.00	
20		50	28	14.32	14.52	14.38	15.00	
20		50	56	14.36	14.48	14.40	15.00	
20		100	0	14.37	14.53	14.49	15.00	
20		16QAM	1	1	14.40	14.51	14.43	15.00
20		64QAM	1	1	14.35	14.46	14.42	15.00
20	256QAM	1	1	14.30	14.45	14.41	15.00	
Channel								
Frequency (MHz)				16400	16500	16600	Take-up Limit (dBm)	
15	P1/2 BPSK	1	1	821.5	821.5	841.5	15.00	
Channel								
Frequency (MHz)				16500	16500	16500	Take-up Limit (dBm)	
10	P1/2 BPSK	1	1	14.42	14.45	14.35	15.00	
Channel								
Frequency (MHz)				16500	16500	16500	Take-up Limit (dBm)	
5	P1/2 BPSK	1	1	816.5	831.5	846.5	15.00	

<FR1 n71\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Take-up Limit (dBm)	
Channel								
Frequency (MHz)				13400	13400	13400		
20	P1/2 BPSK	1	1	16.07	16.30	16.25	17.00	
20		1	53	16.12	16.22	16.19	17.00	
20		1	104	16.19	16.25	16.13	17.00	
20		50	0	16.15	16.26	16.24	17.00	
20		50	28	16.07	16.20	16.09	17.00	
20		50	56	16.13	16.24	16.15	17.00	
20		100	0	16.14	16.26	16.19	17.00	
20		1	1	16.15	16.19	16.07	17.00	
20		1	53	16.12	16.19	16.04	17.00	
20		1	104	16.09	16.11	15.92	17.00	
20	QPSK	50	0	16.03	16.14	15.94	17.00	
20		50	28	16.05	16.15	16.04	17.00	
20		50	56	16.10	16.24	16.17	17.00	
20		100	0	16.05	16.22	16.04	17.00	
20		16QAM	1	1	16.12	16.21	16.14	17.00
20		64QAM	1	1	16.07	16.18	16.00	17.00
20	256QAM	1	1	16.10	16.19	16.07	17.00	
Channel								
Frequency (MHz)				13400	13400	13400	Take-up Limit (dBm)	
15	P1/2 BPSK	1	1	670.5	680.5	690.5	17.00	
Channel								
Frequency (MHz)				13500	13500	13500	Take-up Limit (dBm)	
10	P1/2 BPSK	1	1	16.21	16.19	16.13	17.00	
Channel								
Frequency (MHz)				13500	13500	13500	Take-up Limit (dBm)	
5	P1/2 BPSK	1	1	16.18	16.17	16.19	17.00	



<FR1 n7\_Ant 1\_Sensor on>

BW (kHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				2525	2535	2545	
50	P12 BPSK	1	1	11.78	11.77	11.73	13.00
50		1	135	11.57	11.71	11.66	13.00
50		1	268	11.58	11.73	11.63	13.00
50		135	0	11.60	11.70	11.64	13.00
50		135	68	11.62	11.75	11.51	13.00
50		135	135	11.55	11.65	11.54	13.00
50		270	0	11.48	11.61	11.52	13.00
50		1	1	11.56	11.68	11.61	13.00
50		1	135	11.55	11.66	11.50	13.00
50		1	268	11.48	11.63	11.59	13.00
50		135	0	11.48	11.64	11.53	13.00
50		QPSK	135	68	11.55	11.69	11.58
50	135		135	11.59	11.63	11.48	13.00
50	270		0	11.60	11.65	11.51	13.00
50	1		1	11.58	11.61	11.50	13.00
50	1		1	11.52	11.60	11.54	13.00
50	2525QAM		1	1	11.47	11.64	11.58
Channel							
Frequency (MHz)				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2570	2575	2580	
40	P12 BPSK	1	1	11.63	11.60	11.62	13.00
Channel							
Frequency (MHz)				507000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	P12 BPSK	1	1	11.60	11.64	11.64	13.00
Channel							
Frequency (MHz)				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	P12 BPSK	1	1	11.63	11.74	11.63	13.00
Channel							
Frequency (MHz)				502500	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	P12 BPSK	1	1	11.70	11.66	11.64	13.00
Channel							
Frequency (MHz)				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	P12 BPSK	1	1	11.67	11.65	11.64	13.00
Channel							
Frequency (MHz)				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	P12 BPSK	1	1	11.67	11.73	11.64	13.00
Channel							
Frequency (MHz)				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	P12 BPSK	1	1	11.62	11.65	11.66	13.00
Channel							
Frequency (MHz)				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	P12 BPSK	1	1	11.72	11.76	11.65	13.00

<FR1 n38\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				519000	519000	520000	Tune-up Limit (dBm)	
Frequency (MHz)				2990	2995	2600		
40	Pi/2 BPSK	1	1	22.85	22.92	22.79	24.00	
40		1	53	22.61	22.76	22.58	24.00	
40		1	104	22.57	22.77	22.54	24.00	
40		50	0	21.86	22.03	21.82	23.50	
40		50	28	22.38	22.60	22.36	24.00	
40		50	56	21.83	22.03	21.78	23.50	
40		100	0	21.88	22.08	21.82	23.50	
40		1	1	22.63	22.77	22.53	24.00	
40		1	53	22.60	22.61	22.65	24.00	
40		1	104	22.49	22.63	22.47	24.00	
40	QPSK	50	0	21.35	21.46	21.19	23.00	
40		50	28	22.31	22.51	22.24	24.00	
40		50	56	21.32	21.44	21.29	23.00	
40		100	0	21.38	21.46	21.25	23.00	
40		16QAM	1	1	21.17	21.32	21.11	23.00
40		64QAM	1	1	19.67	19.75	19.57	21.50
40	256QAM	1	1	18.27	18.35	18.15	19.50	
Channel				517000	519000	521000	Tune-up Limit (dBm)	
Frequency (MHz)				2995	2995	2605		
30	Pi/2 BPSK	1	1	22.72	22.78	22.71	24.00	
Channel				519000	519000	521500	Tune-up Limit (dBm)	
Frequency (MHz)				2682.5	2695	2607.5		
25	Pi/2 BPSK	1	1	22.77	22.77	22.70	24.00	
Channel				516000	519000	522000	Tune-up Limit (dBm)	
Frequency (MHz)				2680	2695	2610		
20	Pi/2 BPSK	1	1	22.71	22.89	22.76	24.00	
Channel				515500	519000	522500	Tune-up Limit (dBm)	
Frequency (MHz)				2577.5	2595	2612.5		
15	Pi/2 BPSK	1	1	22.76	22.80	22.70	24.00	
Channel				515000	519000	523000	Tune-up Limit (dBm)	
Frequency (MHz)				2575	2595	2615		
10	Pi/2 BPSK	1	1	22.81	22.79	22.71	24.00	

<FR1 n41\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				509002	518598	528000	Tune-up Limit (dBm)	
Frequency (MHz)				2548.01	2592.99	2640		
100	Pi/2 BPSK	1	1	23.05	23.09	23.02	24.00	
100		1	137	22.95	23.01	22.85	24.00	
100		1	271	22.49	22.57	22.41	24.00	
100		135	0	22.26	22.32	22.12	23.50	
100		135	69	22.84	22.92	22.71	24.00	
100		135	138	22.07	22.16	21.99	23.50	
100		270	0	22.10	22.26	22.08	23.50	
100		1	1	22.72	22.81	22.76	24.00	
100		1	137	22.86	22.96	22.89	24.00	
100		1	271	22.46	22.52	22.35	24.00	
100	QPSK	135	0	21.59	21.71	21.58	23.00	
100		135	69	22.86	22.81	22.85	24.00	
100		135	138	21.50	21.61	21.52	23.00	
100		270	0	21.67	21.73	21.54	23.00	
100		16QAM	1	1	21.53	21.60	21.42	23.00
100		64QAM	1	1	19.88	19.95	19.88	21.50
100	256QAM	1	1	18.50	18.57	18.42	19.50	
Channel				508200	518598	528996	Tune-up Limit (dBm)	
Frequency (MHz)				2541	2592.99	2644.98		
90	Pi/2 BPSK	1	1	22.98	23.01	22.93	24.00	
Channel				507204	518598	529998	Tune-up Limit (dBm)	
Frequency (MHz)				2636.02	2592.99	2649.99		
80	Pi/2 BPSK	1	1	22.98	23.04	22.96	24.00	
Channel				508202	518598	531000	Tune-up Limit (dBm)	
Frequency (MHz)				2531.01	2592.99	2655		
70	Pi/2 BPSK	1	1	22.97	22.99	22.99	24.00	
Channel				508200	518598	531996	Tune-up Limit (dBm)	
Frequency (MHz)				2526	2592.99	2659.98		
60	Pi/2 BPSK	1	1	22.93	23.00	22.96	24.00	
Channel				504204	518598	532996	Tune-up Limit (dBm)	
Frequency (MHz)				2521.02	2592.99	2664.99		
50	Pi/2 BPSK	1	1	22.97	23.03	22.97	24.00	
Channel				503700	518598	533496	Tune-up Limit (dBm)	
Frequency (MHz)				2516.5	2592.99	2667.48		
45	Pi/2 BPSK	1	1	23.00	23.05	22.98	24.00	
Channel				503002	518598	534000	Tune-up Limit (dBm)	
Frequency (MHz)				2516.01	2592.99	2670		
40	Pi/2 BPSK	1	1	22.98	23.07	22.87	24.00	
Channel				502704	518598	534496	Tune-up Limit (dBm)	
Frequency (MHz)				2513.52	2592.99	2672.49		
35	Pi/2 BPSK	1	1	22.93	23.07	22.87	24.00	
Channel				502200	518598	534996	Tune-up Limit (dBm)	
Frequency (MHz)				2511	2592.99	2674.98		
30	Pi/2 BPSK	1	1	23.04	23.02	22.96	24.00	
Channel				501702	518598	535500	Tune-up Limit (dBm)	
Frequency (MHz)				2508.51	2592.99	2677.5		
25	Pi/2 BPSK	1	1	22.97	23.04	22.88	24.00	
Channel				501204	518598	535998	Tune-up Limit (dBm)	
Frequency (MHz)				2506.02	2592.99	2679.99		
20	Pi/2 BPSK	1	1	22.97	22.95	22.94	24.00	
Channel				500700	518598	536496	Tune-up Limit (dBm)	
Frequency (MHz)				2503.5	2592.99	2682.48		
15	Pi/2 BPSK	1	1	22.96	23.06	22.98	24.00	
Channel				500202	518598	537000	Tune-up Limit (dBm)	
Frequency (MHz)				2501.01	2592.99	2685		
10	Pi/2 BPSK	1	1	23.02	22.97	22.88	24.00	

<FR1 n77 (27Q)\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				633332			
Frequency (MHz)				3499.98			
100	Pi/2 BPSK	1	1	12.31			13.00
100		1	137	12.10			13.00
100		1	271	11.73			13.00
100		135	0	12.24			13.00
100		135	69	12.28			13.00
100		135	138	12.06			13.00
100		270	0	12.09			13.00
100		1	1	12.22			13.00
100		1	137	12.12			13.00
100		1	271	11.79			13.00
100	QPSK	135	0	12.22			13.00
100		135	69	12.15			13.00
100		135	138	12.04			13.00
100		270	0	12.08			13.00
100	16QAM	1	1	11.92			13.00
100	64QAM	1	1	11.92			13.00
100	256QAM	1	1	11.02			11.50
Channel				633000	633332	633668	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	12.19	12.25	12.22	13.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	12.16	12.18	12.11	13.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	12.15	12.14	12.15	13.00
Channel				632000	633332	634668	
Frequency (MHz)				3480	3499.98	3519.99	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	12.07	12.23	12.13	13.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	12.14	12.20	12.07	13.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	12.15	12.17	12.09	13.00
Channel				631000	633332	635668	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	12.09	12.20	12.20	13.00
Channel				630668	633332	636000	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	12.12	12.23	12.18	13.00
Channel				630334	633332	636332	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	12.09	12.20	12.12	13.00
Channel				630000	633332	636668	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	12.06	12.15	12.20	13.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	12.05	12.19	12.09	13.00

<FR1 n77 (27Q)\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	650000	652000	
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	11.15	11.35	11.12	13.00
100		1	137	11.03	11.34	11.02	13.00
100		1	271	11.01	11.31	11.00	13.00
100		135	0	11.00	11.20	11.00	13.00
100		135	69	11.05	11.35	11.05	13.00
100		135	138	11.01	11.29	11.02	13.00
100		270	0	11.01	11.17	11.00	13.00
100		1	1	11.02	11.22	11.00	13.00
100		1	137	11.02	11.30	11.02	13.00
100		1	271	11.06	11.29	11.02	13.00
100	QPSK	135	0	11.01	11.25	11.00	13.00
100		135	69	11.07	11.30	11.00	13.00
100		135	138	11.01	11.26	11.01	13.00
100		270	0	11.00	11.12	11.00	13.00
100	16QAM	1	1	11.01	11.10	11.00	13.00
100	64QAM	1	1	11.00	11.12	11.01	13.00
100	256QAM	1	1	9.86	9.96	9.74	11.50
Channel				649668	650000	652332	
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	11.01	11.20	11.06	13.00
Channel				649334	650000	652668	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	11.06	11.28	11.08	13.00
Channel				649000	650000	653000	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	11.13	11.26	11.01	13.00
Channel				648668	650000	653332	
Frequency (MHz)				3730.02	3840	3949.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	11.09	11.33	11.08	13.00
Channel				648334	650000	653668	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	11.03	11.26	11.07	13.00
Channel				648000	650000	654000	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	11.10	11.27	11.00	13.00
Channel				647668	650000	654332	
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	11.14	11.23	11.00	13.00
Channel				647334	650000	654668	
Frequency (MHz)				3710.01	3840	3967.5	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	11.09	11.28	11.04	13.00
Channel				647000	650000	654999	
Frequency (MHz)				3705.02	3840	3970.99	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	11.11	11.30	11.11	13.00
Channel				646668	650000	655332	
Frequency (MHz)				3700.01	3840	3974.98	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	11.07	11.34	11.04	13.00
Channel				646334	650000	655668	
Frequency (MHz)				3695.01	3840	3979.99	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	11.13	11.26	11.00	13.00

<FR1 n77&n78 Part96\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				640000	641666	643332	13.00	
Frequency (MHz)				3600	3624.99	3649.98		
100	Pi/2 BPSK	1	1	11.07	11.32	11.02	13.00	
100		1	137	11.03	11.24	10.98	13.00	
100		1	271	11.00	11.24	10.93	13.00	
100		135	0	11.00	11.20	10.90	13.00	
100		135	69	10.95	11.29	11.01	13.00	
100		135	138	11.01	11.29	11.02	13.00	
100		270	0	10.94	11.06	10.91	13.00	
100		1	1	10.96	11.16	10.99	13.00	
100		1	137	10.92	11.27	10.99	13.00	
100		1	271	10.99	11.25	11.02	13.00	
100	QPSK	135	0	10.95	11.10	10.99	13.00	
100		135	69	10.99	11.30	11.01	13.00	
100		135	138	10.92	11.15	11.00	13.00	
100		270	0	10.95	11.01	10.97	13.00	
100		16QAM	1	1	10.94	11.02	10.93	13.00
100		64QAM	1	1	11.00	11.01	10.99	13.00
100	256QAM	1	1	9.63	9.91	9.63	11.50	
Channel				639668	641666	643666	13.00	
Frequency (MHz)				3595.02	3624.99	3654.99		
90	Pi/2 BPSK	1	1	11.01	11.14	11.05	13.00	
Channel				639334	641666	644000	13.00	
Frequency (MHz)				3590.01	3624.99	3660		
80	Pi/2 BPSK	1	1	10.98	11.10	10.99	13.00	
Channel				639000	641666	644332	13.00	
Frequency (MHz)				3585	3624.99	3684.98		
70	Pi/2 BPSK	1	1	10.99	11.10	11.05	13.00	
Channel				638668	641666	644666	13.00	
Frequency (MHz)				3580.02	3624.99	3689.99		
60	Pi/2 BPSK	1	1	10.91	11.11	10.98	13.00	
Channel				638334	641666	645000	13.00	
Frequency (MHz)				3575.01	3624.99	3675		
50	Pi/2 BPSK	1	1	10.98	11.16	10.96	13.00	
Channel				638000	641666	645332	13.00	
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	10.91	11.10	10.95	13.00	
Channel				637668	641666	645666	13.00	
Frequency (MHz)				3565.02	3624.99	3684.99		
30	Pi/2 BPSK	1	1	11.00	11.15	11.02	13.00	
Channel				647000	641666	645932	13.00	
Frequency (MHz)				3662.5	3624.99	3687.495		
25	Pi/2 BPSK	1	1	10.97	11.10	10.99	13.00	
Channel				637334	641666	646000	13.00	
Frequency (MHz)				3560.01	3624.99	3690		
20	Pi/2 BPSK	1	1	10.92	11.13	11.01	13.00	
Channel				637168	641666	646166	13.00	
Frequency (MHz)				3557.52	3624.99	3692.49		
15	Pi/2 BPSK	1	1	11.01	11.20	11.05	13.00	
Channel				637000	641666	646332	13.00	
Frequency (MHz)				3555	3624.99	3694.98		
10	Pi/2 BPSK	1	1	10.91	11.18	11.00	13.00	

<FR1 n78 (27Q)\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					633332		13.00	
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		12.00		13.00	
100		1	137		11.81		13.00	
100		1	271		11.25		13.00	
100		135	0		12.08		13.00	
100		135	69		11.88		13.00	
100		135	138		11.62		13.00	
100		270	0		11.79		13.00	
100		1	1		12.05		13.00	
100		1	137		11.92		13.00	
100		1	271		11.21		13.00	
100	QPSK	135	0		12.05		13.00	
100		135	69		11.86		13.00	
100		135	138		11.58		13.00	
100		270	0		11.80		13.00	
100		16QAM	1	1		11.74		13.00
100		64QAM	1	1		11.79		13.00
100	256QAM	1	1		10.91		11.50	
Channel				633000	633332	633666	13.00	
Frequency (MHz)				3495	3499.98	3504.99		
90	Pi/2 BPSK	1	1	11.98	11.97	11.95	13.00	
Channel				632668	633332	634000	13.00	
Frequency (MHz)				3490.02	3499.98	3510		
80	Pi/2 BPSK	1	1	11.87	11.92	11.88	13.00	
Channel				632334	633332	634332	13.00	
Frequency (MHz)				3485.01	3499.98	3514.98		
70	Pi/2 BPSK	1	1	11.89	11.88	11.82	13.00	
Channel				632000	633332	634666	13.00	
Frequency (MHz)				3480	3499.98	3519.99		
60	Pi/2 BPSK	1	1	11.89	11.92	11.92	13.00	
Channel				631668	633332	635000	13.00	
Frequency (MHz)				3475.02	3499.98	3525		
50	Pi/2 BPSK	1	1	11.92	11.85	11.85	13.00	
Channel				631334	633332	635332	13.00	
Frequency (MHz)				3470.01	3499.98	3529.98		
40	Pi/2 BPSK	1	1	11.96	11.89	11.92	13.00	
Channel				631000	633332	635666	13.00	
Frequency (MHz)				3465	3499.98	3534.99		
30	Pi/2 BPSK	1	1	11.88	11.83	11.89	13.00	
Channel				630664	633332	636000	13.00	
Frequency (MHz)				3462.51	3499.98	3537.48		
25	Pi/2 BPSK	1	1	11.87	11.86	11.93	13.00	
Channel				630668	633332	636000	13.00	
Frequency (MHz)				3460.02	3499.98	3540		
20	Pi/2 BPSK	1	1	11.92	11.92	11.87	13.00	
Channel				630500	633332	636166	13.00	
Frequency (MHz)				3457.5	3499.98	3542.49		
15	Pi/2 BPSK	1	1	11.95	11.95	11.87	13.00	
Channel				630334	633332	636332	13.00	
Frequency (MHz)				3455.01	3499.98	3544.98		
10	Pi/2 BPSK	1	1	11.89	11.92	11.94	13.00	

<FR1 n78 (270)\_Ant 0\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	650000		
Frequency (MHz)				3750			
100	Pi2 BPSK	1	1	11.21			13.00
100		1	137	11.19			13.00
100		1	271	11.15			13.00
100		135	0	11.30			13.00
100		135	69	11.26			13.00
100		135	138	11.28			13.00
100		270	0	11.19			13.00
100		1	1	11.13			13.00
100		1	137	11.16			13.00
100		1	271	11.15			13.00
100	QPSK	135	0	11.32			13.00
100		135	69	11.28			13.00
100		135	138	11.25			13.00
100		270	0	11.17			13.00
100		16QAM	1	1	11.16		
100	64QAM	1	1	11.18			13.00
100	256QAM	1	1	9.90			11.50
Channel				649668	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	Tune-up Limit (dBm)
90	Pi2 BPSK	1	1	11.14	11.18	11.12	13.00
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	11.13	11.05	11.04	13.00
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	11.00	11.07	11.09	13.00
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	11.04	11.10	11.08	13.00
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	11.04	11.09	11.10	13.00
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	11.12	11.15	11.03	13.00
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	11.00	11.12	11.07	13.00
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)
25	Pi2 BPSK	1	1	11.12	11.17	11.10	13.00
Channel				647000	650000	652999	
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	11.08	11.03	11.03	13.00
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	11.06	11.10	11.07	13.00
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	11.08	11.04	11.03	13.00

<FR1 n77 (27Q)\_Ant 2\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				63332	63332	63332	
100	Pi/2 BPSK	1	1	3499.98	22.79	24.00	24.00
100		1	137	22.70	24.00	24.00	24.00
100		1	271	22.81	24.00	24.00	24.00
100		135	0	22.82	24.00	24.00	24.00
100		135	69	22.78	24.00	24.00	24.00
100		135	138	22.77	24.00	24.00	24.00
100		270	0	22.76	24.00	24.00	24.00
100		1	1	22.56	24.00	24.00	24.00
100		1	137	22.64	24.00	24.00	24.00
100		1	271	22.55	24.00	24.00	24.00
100	QPSK	135	0	22.60	24.00	24.00	24.00
100		135	69	22.81	24.00	24.00	24.00
100		135	138	22.75	24.00	24.00	24.00
100		270	0	22.66	24.00	24.00	24.00
100	16QAM	1	1	22.27	24.00	24.00	24.00
100	64QAM	1	1	22.32	24.00	24.00	24.00
100	256QAM	1	1	21.58	24.00	24.00	22.50
Channel							
Frequency (MHz)				63300	63332	63368	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	3495	3499.98	3504.99	24.00
Channel							
Frequency (MHz)				63368	63332	63400	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	3490.02	3499.98	3510	24.00
Channel							
Frequency (MHz)				63334	63332	63332	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	3485.01	3499.98	3514.98	24.00
Channel							
Frequency (MHz)				63200	63332	63466	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	3480	3499.98	3519.99	24.00
Channel							
Frequency (MHz)				63168	63332	63500	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	3475.02	3499.98	3525	24.00
Channel							
Frequency (MHz)				63134	63332	63532	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	3470.01	3499.98	3529.98	24.00
Channel							
Frequency (MHz)				63100	63332	63566	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	3465	3499.98	3534.99	24.00
Channel							
Frequency (MHz)				63084	63332	63582	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	3462.51	3499.98	3537.48	24.00
Channel							
Frequency (MHz)				63068	63332	63600	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	3459.02	3499.98	3540	24.00
Channel							
Frequency (MHz)				63050	63332	63616	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	3457.5	3499.98	3542.49	24.00
Channel							
Frequency (MHz)				63034	63332	63632	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	3455.01	3499.98	3544.98	24.00

<FR1 n77 (27O)\_Ant 2\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				65000	65000	65000	
100	Pi/2 BPSK	1	1	3750	3840	3930	24.00
100		1	137	23.15	23.21	23.11	24.00
100		1	271	22.39	22.94	22.71	24.00
100		135	0	22.42	22.53	22.38	24.00
100		135	69	22.92	23.08	22.93	24.00
100		135	138	22.79	23.15	22.74	24.00
100		270	0	22.84	22.98	22.81	24.00
100		1	1	22.91	23.05	22.86	24.00
100		1	137	22.82	22.81	22.62	24.00
100		1	271	22.85	22.92	22.72	24.00
100	QPSK	135	0	22.93	22.48	22.30	24.00
100		135	69	22.83	23.06	22.91	24.00
100		135	138	23.01	23.11	22.93	24.00
100		270	0	22.84	23.02	22.90	24.00
100	16QAM	1	1	22.97	23.04	22.90	24.00
100	64QAM	1	1	22.47	22.58	22.46	24.00
100	256QAM	1	1	22.46	22.57	22.38	24.00
100	256QAM	1	1	21.47	21.83	21.38	22.50
Channel							
Frequency (MHz)				64968	65000	65032	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	3745.02	3840	3934.98	24.00
Channel							
Frequency (MHz)				64934	65000	65066	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	3740.01	3840	3929.99	24.00
Channel							
Frequency (MHz)				64900	65000	65000	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	3735	3840	3945	24.00
Channel							
Frequency (MHz)				64866	65000	65032	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	3730.02	3840	3949.98	24.00
Channel							
Frequency (MHz)				64832	65000	65066	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	3725.01	3840	3954.99	24.00
Channel							
Frequency (MHz)				64800	65000	65000	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	3720	3840	3960	24.00
Channel							
Frequency (MHz)				64766	65000	65032	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	3715.02	3840	3964.98	24.00
Channel							
Frequency (MHz)				64732	65000	65066	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	3710.01	3840	3969.99	24.00
Channel							
Frequency (MHz)				64700	65000	65000	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	3705	3840	3975	24.00
Channel							
Frequency (MHz)				64666	65000	65066	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	3700.02	3840	3979.98	24.00
Channel							
Frequency (MHz)				64632	65000	65066	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	3695.01	3840	3984.99	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				640000	641666	643332	
				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	23.24	23.30	23.18	24.00
100		1	137	23.18	23.27	23.10	24.00
100		1	271	23.29	23.19	23.02	24.00
100		135	0	22.84	22.77	22.68	23.50
100		135	69	23.16	23.17	23.10	24.00
100		135	138	22.53	22.89	22.54	23.50
100		270	0	22.68	22.70	22.59	23.50
100		1	1	23.13	23.23	22.99	24.00
100		1	137	23.05	23.09	22.94	24.00
100		1	271	23.04	23.14	23.02	24.00
100	QPSK	135	0	22.28	22.30	22.19	23.00
100		135	69	23.05	23.16	23.11	24.00
100		135	138	22.17	22.30	22.11	23.00
100		270	0	22.01	22.24	22.10	23.00
100	16QAM	1	1	22.03	22.22	22.16	23.00
100	64QAM	1	1	20.66	20.78	20.68	21.50
100	256QAM	1	1	18.65	18.77	18.61	19.50
Channel							
Frequency (MHz)				639668	641666	643668	Tune-up Limit (dBm)
				3595.02	3624.99	3654.99	24.00
90	Pi/2 BPSK	1	1	23.09	23.22	23.17	24.00
Channel							
Frequency (MHz)				639334	641666	644000	Tune-up Limit (dBm)
				3590.01	3624.99	3650	24.00
80	Pi/2 BPSK	1	1	23.13	23.22	23.19	24.00
Channel							
Frequency (MHz)				638900	641666	644332	Tune-up Limit (dBm)
				3585	3624.99	3654.98	24.00
70	Pi/2 BPSK	1	1	23.18	23.13	23.16	24.00
Channel							
Frequency (MHz)				638668	641666	644998	Tune-up Limit (dBm)
				3580.02	3624.99	3659.99	24.00
60	Pi/2 BPSK	1	1	23.09	23.15	23.08	24.00
Channel							
Frequency (MHz)				638334	641666	645000	Tune-up Limit (dBm)
				3575.01	3624.99	3675	24.00
50	Pi/2 BPSK	1	1	23.10	23.19	23.15	24.00
Channel							
Frequency (MHz)				638000	641666	645332	Tune-up Limit (dBm)
				3570	3624.99	3679.98	24.00
40	Pi/2 BPSK	1	1	23.16	23.20	23.16	24.00
Channel							
Frequency (MHz)				637668	641666	645666	Tune-up Limit (dBm)
				3565.02	3624.99	3684.99	24.00
30	Pi/2 BPSK	1	1	23.07	23.23	23.09	24.00
Channel							
Frequency (MHz)				647500	641666	645833	Tune-up Limit (dBm)
				3562.5	3624.99	3687.495	24.00
25	Pi/2 BPSK	1	1	23.10	23.20	23.16	24.00
Channel							
Frequency (MHz)				637334	641666	646000	Tune-up Limit (dBm)
				3550.01	3624.99	3690	24.00
20	Pi/2 BPSK	1	1	23.10	23.22	23.19	24.00
Channel							
Frequency (MHz)				637168	641666	646166	Tune-up Limit (dBm)
				3557.52	3624.99	3692.49	24.00
15	Pi/2 BPSK	1	1	23.10	23.19	23.1	24.00
Channel							
Frequency (MHz)				637000	641666	646332	Tune-up Limit (dBm)
				3555	3624.99	3694.98	24.00
10	Pi/2 BPSK	1	1	23.09	23.22	23.15	24.00

<FR1 n78 (27Q)\_Ant 2\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633000	633332	633668	Tune-up Limit (dBm)
				3495	3499.98	3504.99	24.00
100	Pi/2 BPSK	1	1	22.75	22.71	22.68	24.00
100		1	137	22.71	22.71	22.68	24.00
100		1	271	22.68	22.68	22.65	24.00
100		135	0	22.65	22.65	22.65	24.00
100		135	69	22.73	22.73	22.73	24.00
100		135	138	22.68	22.68	22.68	24.00
100		270	0	22.65	22.65	22.65	24.00
100		1	1	22.61	22.61	22.61	24.00
100		1	137	22.64	22.64	22.64	24.00
100		1	271	22.63	22.63	22.63	24.00
100	QPSK	135	0	22.58	22.58	22.58	24.00
100		135	69	22.64	22.64	22.64	24.00
100		135	138	22.65	22.65	22.65	24.00
100		270	0	22.64	22.64	22.64	24.00
100	16QAM	1	1	22.67	22.67	22.67	24.00
100	64QAM	1	1	22.61	22.61	22.61	24.00
100	256QAM	1	1	21.21	21.21	21.21	22.50
Channel							
Frequency (MHz)				633000	633332	633668	Tune-up Limit (dBm)
				3495	3499.98	3504.99	24.00
90	Pi/2 BPSK	1	1	22.68	22.71	22.68	24.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	24.00
80	Pi/2 BPSK	1	1	22.63	22.69	22.54	24.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	24.00
70	Pi/2 BPSK	1	1	22.53	22.58	22.61	24.00
Channel							
Frequency (MHz)				632000	633332	634668	Tune-up Limit (dBm)
				3480	3499.98	3519.99	24.00
60	Pi/2 BPSK	1	1	22.54	22.60	22.52	24.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	24.00
50	Pi/2 BPSK	1	1	22.53	22.63	22.54	24.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	24.00
40	Pi/2 BPSK	1	1	22.55	22.64	22.64	24.00
Channel							
Frequency (MHz)				631000	633332	635668	Tune-up Limit (dBm)
				3465	3499.98	3534.99	24.00
30	Pi/2 BPSK	1	1	22.61	22.70	22.60	24.00
Channel							
Frequency (MHz)				630668	633332	635932	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	24.00
25	Pi/2 BPSK	1	1	22.63	22.70	22.57	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	24.00
20	Pi/2 BPSK	1	1	22.67	22.69	22.56	24.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	24.00
15	Pi/2 BPSK	1	1	22.69	22.57	22.52	24.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	24.00
10	Pi/2 BPSK	1	1	22.60	22.68	22.64	24.00

<FR1 n78 (270)\_Ant 2\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		23.15		24.00	
100		1	137		23.11		24.00	
100		1	271		23.14		24.00	
100		135	0		23.09		24.00	
100		135	69		23.13		24.00	
100		135	138		23.04		24.00	
100		270	0		23.10		24.00	
100		1	1		23.09		24.00	
100		1	137		23.07		24.00	
100		1	271		23.05		24.00	
100	QPSK	135	0		23.09		24.00	
100		135	69		23.11		24.00	
100		135	138		23.12		24.00	
100		270	0		23.07		24.00	
100		16QAM	1	1		23.13		24.00
100		64QAM	1	1		23.06		24.00
100	256QAM	1	1		21.61		22.50	
Channel				649688	650000	650332		
Frequency (MHz)				3745.02	3750	3754.98	Tune-up Limit (dBm)	
90	Pi/2 BPSK	1	1		23.08	23.10	24.00	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3750	3760.99	Tune-up Limit (dBm)	
80	Pi/2 BPSK	1	1		23.00	22.98	22.99	
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)	
70	Pi/2 BPSK	1	1		23.06	22.99	23.06	
Channel				648668	650000	651332		
Frequency (MHz)				3730.02	3750	3760.98	Tune-up Limit (dBm)	
60	Pi/2 BPSK	1	1		22.94	23.05	22.95	
Channel				648334	650000	651666		
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)	
50	Pi/2 BPSK	1	1		22.93	23.00	23.00	
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780	Tune-up Limit (dBm)	
40	Pi/2 BPSK	1	1		23.05	23.05	23.09	
Channel				647668	650000	652332		
Frequency (MHz)				3715.02	3750	3784.98	Tune-up Limit (dBm)	
30	Pi/2 BPSK	1	1		22.95	23.06	22.96	
Channel				647500	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5	Tune-up Limit (dBm)	
25	Pi/2 BPSK	1	1		23.05	23.07	23.06	
Channel				647334	650000	652666		
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)	
20	Pi/2 BPSK	1	1		23.07	23.04	23.07	
Channel				647168	650000	652832		
Frequency (MHz)				3707.52	3750	3792.48	Tune-up Limit (dBm)	
15	Pi/2 BPSK	1	1		23.02	23.04	23.09	
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)	
10	Pi/2 BPSK	1	1		23.06	22.97	23.01	

<FR1 n41\_Ant 3\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				50820.01	50922.99	50998.0		
100	Pi/2 BPSK	1	1	22.61	22.85	22.58	24.00	
100		1	137	22.50	22.61	22.48	24.00	
100		1	271	22.43	22.58	22.49	24.00	
100		135	0	22.04	22.14	21.98	23.50	
100		135	69	22.58	22.83	22.48	24.00	
100		135	138	22.03	22.11	22.03	23.50	
100		270	0	22.03	22.09	21.89	23.50	
100		1	1	22.48	22.60	22.48	24.00	
100		1	137	22.41	22.58	22.41	24.00	
100		1	271	22.38	22.55	22.33	24.00	
Channel								
Frequency (MHz)				50820.0	51859.8	52998.0		
100	QPSK	135	0	21.55	21.61	21.51	23.00	
100		135	69	22.41	22.57	22.37	24.00	
100		135	138	21.44	21.60	21.48	23.00	
100		270	0	21.40	21.58	21.45	23.00	
100		16QAM	1	1	21.50	21.55	21.44	23.00
100		64QAM	1	1	20.03	20.13	20.02	21.50
100		256QAM	1	1	17.99	18.11	17.87	19.50
Channel								
Frequency (MHz)				50820.0	51859.8	52998.0		
90		Pi/2 BPSK	1	1	22.45	22.20	22.35	24.00
Frequency (MHz)				50720.4	51859.8	52998.0		
80	Pi/2 BPSK	1	1	22.48	22.25	22.34	24.00	
Frequency (MHz)				50620.2	51859.8	53100.0		
70	Pi/2 BPSK	1	1	22.48	22.20	22.33	24.00	
Frequency (MHz)				50520.0	51859.8	53198.0		
60	Pi/2 BPSK	1	1	22.45	22.18	22.30	24.00	
Frequency (MHz)				50420.4	51859.8	53298.0		
50	Pi/2 BPSK	1	1	22.48	22.23	22.39	24.00	
Frequency (MHz)				50320.2	51859.8	53400.0		
45	Pi/2 BPSK	1	1	22.50	22.18	22.29	24.00	
Frequency (MHz)				50220.0	51859.8	53498.0		
40	Pi/2 BPSK	1	1	22.47	22.24	22.32	24.00	
Frequency (MHz)				50120.4	51859.8	53598.0		
35	Pi/2 BPSK	1	1	22.44	22.18	22.38	24.00	
Frequency (MHz)				50020.0	51859.8	53698.0		
30	Pi/2 BPSK	1	1	22.36	22.21	22.29	24.00	
Frequency (MHz)				49920.2	51859.8	53798.0		
25	Pi/2 BPSK	1	1	22.43	22.24	22.37	24.00	
Frequency (MHz)				49820.4	51859.8	53898.0		
20	Pi/2 BPSK	1	1	22.39	22.15	22.39	24.00	
Frequency (MHz)				49720.0	51859.8	53998.0		
15	Pi/2 BPSK	1	1	22.45	22.20	22.38	24.00	
Frequency (MHz)				49620.2	51859.8	54098.0		
10	Pi/2 BPSK	1	1	22.40	22.25	22.27	24.00	

<FR1 n77 (27Q)\_Ant 3\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				63300.0	63332.0	63366.0	
100	Pi/2 BPSK	1	1	20.01	20.08	20.04	21.00
100		1	137	20.00			21.00
100		1	271	20.18			21.00
100		135	0	20.05			21.00
100		135	69	20.22			21.00
100		135	138	20.21			21.00
100		270	0	20.05			21.00
100		1	1	20.02			21.00
100		1	137	19.97			21.00
100		1	271	20.20			21.00
Channel							
Frequency (MHz)				63300.0	63332.0	63366.0	
90	Pi/2 BPSK	1	1	20.01	20.08	20.04	21.00
Frequency (MHz)				63268.0	63332.0	63400.0	
80	Pi/2 BPSK	1	1	19.91	19.94	19.89	21.00
Frequency (MHz)				63234.0	63332.0	63432.0	
70	Pi/2 BPSK	1	1	19.88	19.90	19.87	21.00
Frequency (MHz)				63200.0	63332.0	63466.0	
60	Pi/2 BPSK	1	1	19.85	19.91	19.83	21.00
Frequency (MHz)				63168.0	63332.0	63500.0	
50	Pi/2 BPSK	1	1	19.89	19.94	19.86	21.00
Frequency (MHz)				63134.0	63332.0	63532.0	
40	Pi/2 BPSK	1	1	19.91	19.92	19.92	21.00
Frequency (MHz)				63100.0	63332.0	63566.0	
30	Pi/2 BPSK	1	1	19.92	19.93	19.97	21.00
Frequency (MHz)				63068.0	63332.0	63600.0	
25	Pi/2 BPSK	1	1	19.99	19.93	19.88	21.00
Frequency (MHz)				63034.0	63332.0	63632.0	
20	Pi/2 BPSK	1	1	19.98	19.93	19.84	21.00
Frequency (MHz)				63000.0	63332.0	63666.0	
15	Pi/2 BPSK	1	1	19.99	19.96	19.93	21.00
Frequency (MHz)				62968.0	63332.0	63700.0	
10	Pi/2 BPSK	1	1	19.94	19.94	19.98	21.00

<FR1 n77 (270)\_Ant 3\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	20.18	20.21	20.15	21.00
100		1	137	20.12	20.18	20.11	21.00
100		1	271	20.08	20.15	20.08	21.00
100		135	0	20.00	20.13	20.00	21.00
100		135	69	20.01	20.19	20.04	21.00
100		135	138	20.07	20.17	20.07	21.00
100		270	0	20.00	20.11	19.91	21.00
100		1	1	19.97	20.09	19.98	21.00
100		1	137	19.99	20.16	20.06	21.00
100		1	271	20.00	20.11	20.02	21.00
QPSK							
100	135	0	19.98	20.15	20.08	21.00	
100	135	69	19.92	20.04	19.91	21.00	
100	135	138	20.01	20.08	19.96	21.00	
100	270	0	19.95	20.10	19.92	21.00	
100	16QAM	1	1	20.06	20.16	19.98	21.00
100	64QAM	1	1	20.04	20.14	19.99	21.00
100	256QAM	1	1	20.10	20.15	20.08	21.00
Channel							
Frequency (MHz)				64966	65000	65232	
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	20.13	20.09	20.05	21.00
Channel							
Frequency (MHz)				64934	65000	65266	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	20.09	20.2	20.04	21.00
Channel							
Frequency (MHz)				64900	65000	65300	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	20.14	20.15	20.01	21.00
Channel							
Frequency (MHz)				64868	65000	65332	
Frequency (MHz)				3730.02	3840	3949.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	20.11	20.11	20.11	21.00
Channel							
Frequency (MHz)				64834	65000	65366	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	20.09	20.12	20.12	21.00
Channel							
Frequency (MHz)				64800	65000	65400	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	20.15	20.11	20.02	21.00
Channel							
Frequency (MHz)				64768	65000	65432	
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	20.03	20.11	20.04	21.00
Channel							
Frequency (MHz)				64750	65000	65450	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	20.03	20.08	20.08	21.00
Channel							
Frequency (MHz)				64734	65000	65466	
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	20.12	20.13	20.12	21.00
Channel							
Frequency (MHz)				64716	65000	65482	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	20.13	20.12	20.07	21.00
Channel							
Frequency (MHz)				64700	65000	65500	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	20.12	20.15	20.03	21.00

<FR1 n77&n78 Part96\_Ant 3\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	20.06	20.17	20.11	21.00
100		1	137	19.98	20.07	20.03	21.00
100		1	271	20.01	20.06	19.97	21.00
100		135	0	19.96	20.05	19.89	21.00
100		135	69	19.93	20.13	20.00	21.00
100		135	138	19.99	20.11	19.94	21.00
100		270	0	19.94	20.03	19.78	21.00
100		1	1	19.90	20.05	19.88	21.00
100		1	137	19.93	20.12	19.98	21.00
100		1	271	19.93	20.06	19.99	21.00
QPSK							
100	135	0	19.94	20.09	20.03	21.00	
100	135	69	19.84	19.94	19.84	21.00	
100	135	138	19.96	20.05	19.90	21.00	
100	270	0	19.90	20.04	19.80	21.00	
100	16QAM	1	1	19.97	20.09	19.96	21.00
100	64QAM	1	1	19.91	20.01	19.86	21.00
100	256QAM	1	1	19.98	20.06	19.95	21.00
Channel							
Frequency (MHz)				63968	64166	64366	
Frequency (MHz)				3695.02	3624.99	3654.98	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	19.97	20.08	20.01	21.00
Channel							
Frequency (MHz)				63934	64166	64400	
Frequency (MHz)				3690.01	3624.99	3660	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	19.97	20.13	20.02	21.00
Channel							
Frequency (MHz)				63900	64166	64432	
Frequency (MHz)				3685	3624.99	3664.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	20.07	20.07	20.04	21.00
Channel							
Frequency (MHz)				63868	64166	64666	
Frequency (MHz)				3680.02	3624.99	3669.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	20.05	20.13	20.02	21.00
Channel							
Frequency (MHz)				63834	64166	64500	
Frequency (MHz)				3675.01	3624.99	3675	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	19.97	20.12	20.00	21.00
Channel							
Frequency (MHz)				63800	64166	64532	
Frequency (MHz)				3670	3624.99	3679.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	20.05	20.05	20.06	21.00
Channel							
Frequency (MHz)				63768	64166	64666	
Frequency (MHz)				3665.02	3624.99	3684.98	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	20.06	20.11	20.07	21.00
Channel							
Frequency (MHz)				64700	64166	64532	
Frequency (MHz)				3662.5	3624.99	3687.495	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	19.96	20.12	20.07	21.00
Channel							
Frequency (MHz)				63734	64166	64600	
Frequency (MHz)				3660.01	3624.99	3690	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	20.13	20.04	20.02	21.00
Channel							
Frequency (MHz)				63716	64166	64616	
Frequency (MHz)				3657.52	3624.99	3692.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	20.00	20.11	20.03	21.00
Channel							
Frequency (MHz)				63700	64166	64632	
Frequency (MHz)				3655	3624.99	3694.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	19.96	20.06	19.98	21.00

<FR1 n78 (27Q)\_Ant 3\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	3499.98	3499.98	3499.98	21.00	
100		1	137		19.98		21.00	
100		1	271		20.11		21.00	
100		135	0		20.06		21.00	
100		135	69		20.13		21.00	
100		135	138		20.12		21.00	
100		270	0		20.03		21.00	
100		1	1		19.88		21.00	
100		1	137		19.98		21.00	
100		1	271		20.22		21.00	
100	QPSK	135	0		20.00		21.00	
100		135	69		20.08		21.00	
100		135	138		20.21		21.00	
100		270	0		20.05		21.00	
100		16QAM	1	1		19.96		21.00
100		64QAM	1	1		19.94		21.00
100	256QAM	1	1		19.93		21.00	
Channel								
Frequency (MHz)								
90	PI2 BPSK	1	1	633000	633332	633666	21.00	
Channel								
Frequency (MHz)								
80	PI2 BPSK	1	1	3490.02	3499.98	3510.99	21.00	
Channel								
Frequency (MHz)								
70	PI2 BPSK	1	1	632334	633332	634332	21.00	
Channel								
Frequency (MHz)								
60	PI2 BPSK	1	1	3485.01	3499.98	3514.98	21.00	
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	632000	633332	634666	21.00	
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	3480	3499.98	3519.99	21.00	
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	631668	633332	635000	21.00	
Channel								
Frequency (MHz)								
25	PI2 BPSK	1	1	3475.02	3499.98	3525	21.00	
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	631000	633332	635666	21.00	
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	3465	3499.98	3534.99	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	630668	633332	636000	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	3462.51	3499.98	3537.48	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	630334	633332	636332	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	3455.01	3499.98	3544.98	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	630000	633332	636666	21.00	

<FR1 n78 (27Q)\_Ant 3\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	649668	650000	650332	21.00	
100		1	137		20.12		21.00	
100		1	271		20.15		21.00	
100		135	0		20.14		21.00	
100		135	69		20.16		21.00	
100		135	138		20.14		21.00	
100		270	0		20.08		21.00	
100		1	1		20.07		21.00	
100		1	137		20.16		21.00	
100		1	271		20.13		21.00	
100	QPSK	135	0		20.08		21.00	
100		135	69		20.03		21.00	
100		135	138		20.08		21.00	
100		270	0		20.12		21.00	
100		16QAM	1	1		20.01		21.00
100		64QAM	1	1		20.02		21.00
100	256QAM	1	1		20.04		21.00	
Channel								
Frequency (MHz)								
90	PI2 BPSK	1	1	649334	650000	650666	21.00	
Channel								
Frequency (MHz)								
80	PI2 BPSK	1	1	649000	650000	651000	21.00	
Channel								
Frequency (MHz)								
70	PI2 BPSK	1	1	648668	650000	651332	21.00	
Channel								
Frequency (MHz)								
60	PI2 BPSK	1	1	648334	650000	651666	21.00	
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	648000	650000	652000	21.00	
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	647668	650000	652332	21.00	
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	647334	650000	652666	21.00	
Channel								
Frequency (MHz)								
25	PI2 BPSK	1	1	647000	650000	653000	21.00	
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	646668	650000	653332	21.00	
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	646334	650000	653666	21.00	
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	646000	650000	654000	21.00	

<FR1 n41\_Ant 4\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				50202	51898	52800	
Channel				2510.01	2592.99	2644.88	
100	Pi/2 BPSK	1	1	15.98	15.98	15.94	17.00
100		1	137	15.91	15.95	15.82	17.00
100		1	271	15.87	15.94	15.75	17.00
100		135	0	15.42	15.55	15.47	16.50
100		135	69	15.81	15.95	15.79	17.00
100		135	138	15.38	15.51	15.32	16.50
100		270	0	15.35	15.49	15.30	16.50
100		1	1	15.87	15.91	15.72	17.00
100		1	137	15.78	15.89	15.79	17.00
100		1	271	15.79	15.88	15.78	17.00
100	QPSK	135	0	14.84	14.99	14.84	16.00
100		135	69	15.77	15.93	15.78	17.00
100		135	138	14.86	14.96	14.83	16.00
100		270	0	14.76	14.91	14.77	16.00
100	16QAM	1	1	14.87	14.93	14.81	16.00
100	64QAM	1	1	13.51	13.55	13.43	14.50
100	256QAM	1	1	11.43	11.55	11.43	12.50
Channel							
Frequency (MHz)				50200	51898	52800	
Channel				2511	2592.99	2644.88	
90	Pi/2 BPSK	1	1	15.94	15.85	15.83	17.00
Channel				50704	51898	52998	
Frequency (MHz)				2538.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	15.92	15.94	15.92	17.00
Channel				50202	51898	53100	
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	15.92	15.94	15.86	17.00
Channel				50200	51898	53196	
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	15.91	15.93	15.91	17.00
Channel				504204	51898	53298	
Frequency (MHz)				2521.02	2592.99	2664.89	
50	Pi/2 BPSK	1	1	15.92	15.91	15.83	17.00
Channel				503700	51898	53396	
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	15.84	15.87	15.80	17.00
Channel				503200	51898	53400	
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	15.86	15.93	15.86	17.00
Channel				502704	51898	53448	
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	15.83	15.89	15.85	17.00
Channel				502200	51898	53496	
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	15.85	15.84	15.92	17.00
Channel				501702	51898	53500	
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	15.91	15.93	15.83	17.00
Channel				501204	51898	53598	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	15.89	15.90	15.80	17.00
Channel				500700	51898	53696	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	15.88	15.88	15.82	17.00
Channel				500202	51898	53700	
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	15.89	15.95	15.81	17.00

<FR1 n77 (27Q)\_Ant 4\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)					63332	349.98	
100	Pi/2 BPSK	1	1		12.01		13.00
100		1	137		11.79		13.00
100		1	271		11.65		13.00
100		135	0		11.84		13.00
100		135	69		11.88		13.00
100		135	138		11.84		13.00
100		270	0		11.82		13.00
100		1	1		11.99		13.00
100		1	137		11.75		13.00
100		1	271		11.62		13.00
100	QPSK	135	0		11.86		13.00
100		135	69		11.84		13.00
100		135	138		11.78		13.00
100		270	0		11.81		13.00
100	16QAM	1	1		11.65		13.00
100	64QAM	1	1		11.64		13.00
100	256QAM	1	1		10.70		11.50
Channel							
Frequency (MHz)				63300	63332	63668	
Channel				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	11.95	11.98	11.93	13.00
Channel				63268	63332	63600	
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	11.83	11.85	11.80	13.00
Channel				63234	63332	63432	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	11.83	11.89	11.90	13.00
Channel				63200	63332	63466	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	11.91	11.87	11.80	13.00
Channel				63168	63332	63500	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	11.82	11.83	11.85	13.00
Channel				63134	63332	63532	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	11.87	11.88	11.83	13.00
Channel				63100	63332	63566	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	11.94	11.93	11.84	13.00
Channel				63064	63332	63592	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	11.93	11.96	11.88	13.00
Channel				63068	63332	63600	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	11.91	11.93	11.82	13.00
Channel				63050	63332	63616	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	11.92	11.88	11.82	13.00
Channel				63034	63332	63632	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	11.87	11.94	11.81	13.00

<FR1 n77 (270)\_Ant 4\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	650000	650000	
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	11.91	11.92	11.89	13.00
100		1	137	11.75	11.91	11.71	13.00
100		1	271	11.70	11.86	11.77	13.00
100		135	0	11.76	11.88	11.68	13.00
100		135	69	11.80	11.89	11.78	13.00
100		135	138	11.74	11.87	11.71	13.00
100		270	0	11.65	11.81	11.70	13.00
100		1	1	11.69	11.83	11.67	13.00
100		1	137	11.66	11.79	11.68	13.00
100		1	271	11.57	11.78	11.62	13.00
100	QPSK	135	0	11.66	11.82	11.74	13.00
100		135	69	11.73	11.88	11.79	13.00
100		135	138	11.80	11.87	11.78	13.00
100		270	0	11.65	11.83	11.75	13.00
100	16QAM	1	1	11.66	11.78	11.64	13.00
100	64QAM	1	1	11.66	11.76	11.63	13.00
100	256QAM	1	1	10.46	10.56	10.39	11.50
Channel				650000	650000	650000	
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	11.82	11.81	11.77	13.00
Channel				649334	650000	652666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	11.78	11.94	11.79	13.00
Channel				649000	650000	653000	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	11.78	11.91	11.80	13.00
Channel				648668	650000	653332	
Frequency (MHz)				3730.02	3840	3949.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	11.87	11.82	11.76	13.00
Channel				648334	650000	653666	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	11.88	11.90	11.85	13.00
Channel				648000	650000	654000	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	11.79	11.87	11.75	13.00
Channel				647668	650000	654332	
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	11.83	11.86	11.83	13.00
Channel				647500	650000	654500	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	11.78	11.82	11.78	13.00
Channel				647334	650000	654666	
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	11.77	11.92	11.82	13.00
Channel				647168	650000	654832	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	11.89	11.80	11.78	13.00
Channel				647000	650000	655000	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	11.82	11.81	11.80	13.00

<FR1 n77&n78 Part96\_Ant 4\_Full Power>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3690	3624.99	3649.98	
100	Pi/2 BPSK	1	1	11.81	11.94	11.88	13.00
100		1	137	11.66	11.89	11.66	13.00
100		1	271	11.62	11.79	11.66	13.00
100		135	0	11.68	11.80	11.58	13.00
100		135	69	11.71	11.89	11.73	13.00
100		135	138	11.67	11.87	11.63	13.00
100		270	0	11.62	11.72	11.66	13.00
100		1	1	11.83	11.79	11.59	13.00
100		1	137	11.66	11.70	11.59	13.00
100		1	271	11.50	11.67	11.52	13.00
100	QPSK	135	0	11.59	11.76	11.66	13.00
100		135	69	11.70	11.89	11.69	13.00
100		135	138	11.78	11.87	11.74	13.00
100		270	0	11.59	11.82	11.68	13.00
100	16QAM	1	1	11.58	11.76	11.56	13.00
100	64QAM	1	1	11.66	11.68	11.64	13.00
100	256QAM	1	1	10.37	10.51	10.32	11.50
Channel				639668	641666	643666	
Frequency (MHz)				3696.02	3624.99	3654.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	11.72	11.76	11.77	13.00
Channel				639334	641666	644000	
Frequency (MHz)				3690.01	3624.99	3660	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	11.77	11.77	11.69	13.00
Channel				639000	641666	644332	
Frequency (MHz)				3585	3624.99	3664.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	11.79	11.75	11.69	13.00
Channel				638668	641666	644666	
Frequency (MHz)				3580.02	3624.99	3669.99	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	11.74	11.80	11.67	13.00
Channel				638334	641666	645000	
Frequency (MHz)				3575.01	3624.99	3675	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	11.80	11.71	11.67	13.00
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	11.81	11.74	11.72	13.00
Channel				637668	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	11.73	11.73	11.71	13.00
Channel				647500	641666	648933	
Frequency (MHz)				3562.5	3624.99	3687.495	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	11.72	11.73	11.66	13.00
Channel				637334	641666	645000	
Frequency (MHz)				3560.01	3624.99	3690	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	11.76	11.81	11.77	13.00
Channel				637168	641666	645166	
Frequency (MHz)				3557.52	3624.99	3692.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	11.76	11.75	11.68	13.00
Channel				637000	641666	645332	
Frequency (MHz)				3555	3624.99	3694.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	11.76	11.75	11.67	13.00

<FR1 n78 (27Q)\_Ant 4\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				633332	633332	633332		
100	Pi2 BPSK	1	7	11.52	11.51	11.50	13.00	
100		1	137	11.51	11.51	11.51	13.00	
100		1	271	11.42	11.42	11.42	13.00	
100		135	0	11.58	11.58	11.58	13.00	
100		135	69	11.60	11.60	11.60	13.00	
100		135	138	11.57	11.57	11.57	13.00	
100		270	0	11.57	11.57	11.57	13.00	
100		1	1	11.59	11.59	11.59	13.00	
100		1	137	11.48	11.48	11.48	13.00	
100		1	271	11.40	11.40	11.40	13.00	
100		QPSK	135	0	11.59	11.59	11.59	13.00
100			135	69	11.56	11.56	11.56	13.00
100			135	138	11.59	11.59	11.59	13.00
100	270		0	11.54	11.54	11.54	13.00	
100	16QAM	1	1	11.31	11.31	11.31	13.00	
100	64QAM	1	1	11.22	11.22	11.22	13.00	
100	256QAM	1	1	10.21	10.21	10.21	11.50	
Channel				633000	633332	633666		
Frequency (MHz)				3495	3499.98	3504.99	Tune-up Limit (dBm)	
90	Pi2 BPSK	1	1	11.45	11.52	11.45	13.00	
Channel				633666	633332	634000		
Frequency (MHz)				3490.02	3499.98	3510	Tune-up Limit (dBm)	
80	Pi2 BPSK	1	1	11.42	11.43	11.34	13.00	
Channel				632334	633332	634332		
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up Limit (dBm)	
70	Pi2 BPSK	1	1	11.34	11.37	11.39	13.00	
Channel				632000	633332	634666		
Frequency (MHz)				3480	3499.98	3519.99	Tune-up Limit (dBm)	
60	Pi2 BPSK	1	1	11.43	11.41	11.46	13.00	
Channel				631666	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525	Tune-up Limit (dBm)	
50	Pi2 BPSK	1	1	11.37	11.40	11.45	13.00	
Channel				631334	633332	635332		
Frequency (MHz)				3470.01	3499.98	3530.98	Tune-up Limit (dBm)	
40	Pi2 BPSK	1	1	11.43	11.45	11.39	13.00	
Channel				631000	633332	635666		
Frequency (MHz)				3465	3499.98	3534.99	Tune-up Limit (dBm)	
30	Pi2 BPSK	1	1	11.43	11.43	11.44	13.00	
Channel				630666	633332	636000		
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up Limit (dBm)	
25	Pi2 BPSK	1	1	11.34	11.39	11.38	13.00	
Channel				630332	633332	636332		
Frequency (MHz)				3460.02	3499.98	3540	Tune-up Limit (dBm)	
20	Pi2 BPSK	1	1	11.35	11.42	11.34	13.00	
Channel				630000	633332	636666		
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)	
15	Pi2 BPSK	1	1	11.37	11.42	11.35	13.00	
Channel				630334	633332	636332		
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up Limit (dBm)	
10	Pi2 BPSK	1	1	11.38	11.45	11.30	13.00	

<FR1 n78 (27Q)\_Ant 4\_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				650000	650000	650000		
100	Pi2 BPSK	1	1	11.11	11.11	11.11	13.00	
100		1	137	11.08	11.08	11.08	13.00	
100		1	271	11.06	11.06	11.06	13.00	
100		135	0	11.05	11.05	11.05	13.00	
100		135	69	11.10	11.10	11.10	13.00	
100		135	138	11.01	11.01	11.01	13.00	
100		270	0	11.06	11.06	11.06	13.00	
100		1	1	11.03	11.03	11.03	13.00	
100		1	137	11.05	11.05	11.05	13.00	
100		1	271	11.09	11.09	11.09	13.00	
100		QPSK	135	0	11.08	11.08	11.08	13.00
100			135	69	11.06	11.06	11.06	13.00
100			135	138	11.01	11.01	11.01	13.00
100	270		0	11.03	11.03	11.03	13.00	
100	16QAM	1	1	11.11	11.11	11.11	13.00	
100	64QAM	1	1	11.04	11.04	11.04	13.00	
100	256QAM	1	1	9.73	9.73	9.73	11.50	
Channel				649666	650000	650332		
Frequency (MHz)				3745.02	3750	3754.98	Tune-up Limit (dBm)	
90	Pi2 BPSK	1	1	11.01	11.05	10.98	13.00	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)	
80	Pi2 BPSK	1	1	10.88	10.91	10.84	13.00	
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)	
70	Pi2 BPSK	1	1	10.92	11.03	10.94	13.00	
Channel				648666	650000	651332		
Frequency (MHz)				3730.02	3750	3769.98	Tune-up Limit (dBm)	
60	Pi2 BPSK	1	1	10.98	11.00	10.84	13.00	
Channel				648334	650000	651666		
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)	
50	Pi2 BPSK	1	1	10.92	11.01	10.93	13.00	
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780	Tune-up Limit (dBm)	
40	Pi2 BPSK	1	1	10.98	10.90	10.89	13.00	
Channel				647666	650000	652332		
Frequency (MHz)				3715.02	3750	3784.98	Tune-up Limit (dBm)	
30	Pi2 BPSK	1	1	10.94	10.92	10.88	13.00	
Channel				647334	650000	652666		
Frequency (MHz)				3712.5	3750	3787.5	Tune-up Limit (dBm)	
25	Pi2 BPSK	1	1	10.92	10.94	10.89	13.00	
Channel				647000	650000	653000		
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)	
20	Pi2 BPSK	1	1	10.95	10.95	10.90	13.00	
Channel				646666	650000	653332		
Frequency (MHz)				3707.52	3750	3792.48	Tune-up Limit (dBm)	
15	Pi2 BPSK	1	1	10.99	11.01	10.88	13.00	
Channel				646334	650000	653666		
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)	
10	Pi2 BPSK	1	1	10.93	10.94	10.88	13.00	

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BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up Limit (dBm)
				Low Ch. / Freq	Mid Ch. / Freq	High Ch. / Freq	
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	22.85	22.92	22.79	24.00
40		1	53	22.61	22.76	22.58	24.00
40		1	104	22.57	22.77	22.54	24.00
40		50	0	21.86	22.03	21.82	23.50
40		50	28	22.38	22.60	22.36	24.00
40		50	56	21.83	22.03	21.79	23.50
40		100	0	21.88	22.08	21.82	23.50
40		1	1	22.63	22.77	22.53	24.00
40		1	53	22.60	22.81	22.65	24.00
40		1	104	22.49	22.83	22.47	24.00
40	QPSK	50	0	21.35	21.46	21.19	23.00
40		50	28	22.31	22.51	22.24	24.00
40		50	56	21.32	21.44	21.29	23.00
40		100	0	21.38	21.48	21.25	23.00
40	16QAM	1	1	21.17	21.32	21.11	23.00
40	64QAM	1	1	19.67	19.75	19.57	21.50
40	256QAM	1	1	18.27	18.35	18.15	19.50
Channel				517000	519000	521000	
Frequency (MHz)				2585	2595	2605	
30	Pi/2 BPSK	1	1	22.32	22.76	22.71	24.00
Channel				516500	519000	521500	
Frequency (MHz)				2602.5	2595	2607.5	
25	Pi/2 BPSK	1	1	22.77	22.77	22.70	24.00
Channel				518000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	Pi/2 BPSK	1	1	22.71	22.89	22.76	24.00
Channel				515500	519000	522500	
Frequency (MHz)				2677.5	2595	2612.5	
15	Pi/2 BPSK	1	1	22.76	22.80	22.70	24.00
Channel				519000	519000	523000	
Frequency (MHz)				2575	2595	2615	
10	Pi/2 BPSK	1	1	22.81	22.79	22.71	24.00

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BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up Limit (dBm)
				Low Ch. / Freq	Mid Ch. / Freq	High Ch. / Freq	
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	Pi/2 BPSK	1	1	23.05	23.09	23.02	24.00
100		1	137	22.95	23.01	22.85	24.00
100		1	271	22.49	22.57	22.41	24.00
100		135	0	22.26	22.32	22.12	23.50
100		135	69	22.84	22.92	22.71	24.00
100		135	138	22.07	22.16	21.99	23.50
100		270	0	22.10	22.28	22.08	23.50
100		1	1	22.72	22.91	22.76	24.00
100		1	137	22.89	22.99	22.89	24.00
100		1	271	22.46	22.52	22.35	24.00
100	QPSK	135	0	21.59	21.71	21.58	23.00
100		135	69	22.86	22.81	22.65	24.00
100		135	138	21.50	21.61	21.52	23.00
100		270	0	21.67	21.73	21.54	23.00
100	16QAM	1	1	21.53	21.60	21.42	23.00
100	64QAM	1	1	19.88	19.95	19.88	21.50
100	256QAM	1	1	18.60	18.57	18.42	19.50
Channel				508000	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	22.98	23.01	22.93	24.00
Channel				507204	518598	529996	
Frequency (MHz)				2538.02	2592.99	2649.98	
80	Pi/2 BPSK	1	1	22.98	23.04	22.96	24.00
Channel				506202	518598	531000	
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	22.97	22.99	22.99	24.00
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	22.83	23.00	22.96	24.00
Channel				504204	518598	532996	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	22.87	23.03	22.97	24.00
Channel				503700	518598	533496	
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	23.00	23.05	22.96	24.00
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	22.98	23.07	22.87	24.00
Channel				502704	518598	534496	
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	22.83	23.07	22.87	24.00
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	23.04	23.02	22.96	24.00
Channel				501702	518598	535500	
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	22.87	23.04	22.88	24.00
Channel				501204	518598	535996	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	22.87	22.95	22.94	24.00
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	22.96	23.06	22.98	24.00
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	23.02	22.97	22.88	24.00

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				633332	633332	633332		
Frequency (MHz)				3499.98	3499.98	3499.98		
100	Pi/2 BPSK	1	1	12.31	12.31	12.31	13.00	
100		1	137	12.10	12.10	12.10	13.00	
100		1	271	11.73	11.73	11.73	13.00	
100		135	0	12.24	12.24	12.24	13.00	
100		135	69	12.28	12.28	12.28	13.00	
100		135	138	12.08	12.08	12.08	13.00	
100		270	0	12.00	12.00	12.00	13.00	
100		1	1	12.22	12.22	12.22	13.00	
100		1	137	12.12	12.12	12.12	13.00	
100		1	271	11.79	11.79	11.79	13.00	
100	QPSK	135	0	12.22	12.22	12.22	13.00	
100		135	69	12.15	12.15	12.15	13.00	
100		135	138	12.04	12.04	12.04	13.00	
100		270	0	12.08	12.08	12.08	13.00	
100		16QAM	1	1	11.92	11.92	11.92	13.00
100		64QAM	1	1	11.92	11.92	11.92	13.00
100	256QAM	1	1	11.02	11.02	11.02	11.50	
Channel								
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)	
Frequency (MHz)				3495	3499.98	3504.99		
90	Pi/2 BPSK	1	1	12.19	12.25	12.22	13.00	
Channel								
Frequency (MHz)				632666	633332	634000	Tune-up Limit (dBm)	
Frequency (MHz)				3490.02	3499.98	3510		
80	Pi/2 BPSK	1	1	12.16	12.15	12.11	13.00	
Channel								
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)	
Frequency (MHz)				3485.01	3499.98	3514.98		
70	Pi/2 BPSK	1	1	12.15	12.14	12.15	13.00	
Channel								
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)	
Frequency (MHz)				3480	3499.98	3519.99		
60	Pi/2 BPSK	1	1	12.07	12.23	12.13	13.00	
Channel								
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)	
Frequency (MHz)				3475.02	3499.98	3525		
50	Pi/2 BPSK	1	1	12.14	12.20	12.07	13.00	
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)	
Frequency (MHz)				3470.01	3499.98	3529.98		
40	Pi/2 BPSK	1	1	12.15	12.17	12.08	13.00	
Channel								
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)	
Frequency (MHz)				3465	3499.98	3534.99		
30	Pi/2 BPSK	1	1	12.06	12.20	12.20	13.00	
Channel								
Frequency (MHz)				630634	633332	635992	Tune-up Limit (dBm)	
Frequency (MHz)				3462.51	3499.98	3537.48		
25	Pi/2 BPSK	1	1	12.12	12.23	12.15	13.00	
Channel								
Frequency (MHz)				630368	633332	636300	Tune-up Limit (dBm)	
Frequency (MHz)				3460.02	3499.98	3540		
20	Pi/2 BPSK	1	1	12.09	12.20	12.12	13.00	
Channel								
Frequency (MHz)				630000	633332	636166	Tune-up Limit (dBm)	
Frequency (MHz)				3457.5	3499.98	3542.49		
15	Pi/2 BPSK	1	1	12.06	12.15	12.20	13.00	
Channel								
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)	
Frequency (MHz)				3455.01	3499.98	3544.98		
10	Pi/2 BPSK	1	1	12.05	12.19	12.09	13.00	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	11.15	11.35	11.12	13.00	
100		1	137	11.03	11.34	11.02	13.00	
100		1	271	11.01	11.31	11.00	13.00	
100		135	0	11.00	11.20	11.00	13.00	
100		135	69	11.05	11.35	11.05	13.00	
100		135	138	11.01	11.29	11.02	13.00	
100		270	0	11.01	11.17	11.00	13.00	
100		1	1	11.02	11.22	11.00	13.00	
100		1	137	11.02	11.30	11.00	13.00	
100		1	271	11.00	11.29	11.02	13.00	
100	QPSK	135	0	11.01	11.25	11.00	13.00	
100		135	69	11.07	11.30	11.00	13.00	
100		135	138	11.01	11.25	11.01	13.00	
100		270	0	11.00	11.12	11.00	13.00	
100		16QAM	1	1	11.01	11.10	11.00	13.00
100		64QAM	1	1	11.00	11.12	11.01	13.00
100	256QAM	1	1	9.66	9.96	9.74	11.50	
Channel								
Frequency (MHz)				649668	650000	650332	Tune-up Limit (dBm)	
Frequency (MHz)				3745.02	3840	3934.98		
90	Pi/2 BPSK	1	1	11.01	11.20	11.08	13.00	
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up Limit (dBm)	
Frequency (MHz)				3740.01	3840	3929.99		
80	Pi/2 BPSK	1	1	11.06	11.28	11.08	13.00	
Channel								
Frequency (MHz)				649000	650000	650300	Tune-up Limit (dBm)	
Frequency (MHz)				3735	3840	3945		
70	Pi/2 BPSK	1	1	11.13	11.26	11.01	13.00	
Channel								
Frequency (MHz)				648666	650000	650332	Tune-up Limit (dBm)	
Frequency (MHz)				3730.02	3840	3949.98		
60	Pi/2 BPSK	1	1	11.09	11.33	11.08	13.00	
Channel								
Frequency (MHz)				648334	650000	650666	Tune-up Limit (dBm)	
Frequency (MHz)				3725.01	3840	3954.99		
50	Pi/2 BPSK	1	1	11.03	11.26	11.07	13.00	
Channel								
Frequency (MHz)				648000	650000	650400	Tune-up Limit (dBm)	
Frequency (MHz)				3720	3840	3960		
40	Pi/2 BPSK	1	1	11.10	11.27	11.00	13.00	
Channel								
Frequency (MHz)				647668	650000	650332	Tune-up Limit (dBm)	
Frequency (MHz)				3715.02	3840	3964.98		
30	Pi/2 BPSK	1	1	11.14	11.23	11.00	13.00	
Channel								
Frequency (MHz)				647300	650000	650600	Tune-up Limit (dBm)	
Frequency (MHz)				3712.5	3840	3967.5		
25	Pi/2 BPSK	1	1	11.09	11.28	11.04	13.00	
Channel								
Frequency (MHz)				647334	650000	650666	Tune-up Limit (dBm)	
Frequency (MHz)				3710.01	3840	3969.99		
20	Pi/2 BPSK	1	1	11.11	11.30	11.11	13.00	
Channel								
Frequency (MHz)				647168	650000	650832	Tune-up Limit (dBm)	
Frequency (MHz)				3707.52	3840	3972.48		
15	Pi/2 BPSK	1	1	11.07	11.34	11.04	13.00	
Channel								
Frequency (MHz)				647000	650000	650500	Tune-up Limit (dBm)	
Frequency (MHz)				3705	3840	3975		
10	Pi/2 BPSK	1	1	11.13	11.26	11.00	13.00	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	11.07	11.32	11.02	13.00
100		1	137	11.03	11.24	10.98	13.00
100		1	271	11.00	11.24	10.93	13.00
100		135	0	11.00	11.20	10.90	13.00
100		135	69	10.95	11.20	11.01	13.00
100		135	138	11.01	11.20	11.02	13.00
100		270	0	10.94	11.00	10.91	13.00
100		1	1	10.96	11.16	10.99	13.00
100		1	137	10.92	11.27	10.99	13.00
100		1	271	10.99	11.25	11.02	13.00
100	QPSK	135	0	10.95	11.19	10.99	13.00
100		135	69	10.99	11.30	11.01	13.00
100		135	138	10.92	11.15	11.00	13.00
100		270	0	10.95	11.01	10.97	13.00
100	16QAM	1	1	10.84	11.02	10.93	13.00
100	64QAM	1	1	11.00	11.01	10.99	13.00
100	256QAM	1	1	9.83	9.91	9.83	11.50
Channel							
Frequency (MHz)				639668	641666	643666	
Frequency (MHz)				3595.02	3624.99	3654.99	
90	Pi/2 BPSK	1	1	11.01	11.14	11.05	13.00
Channel							
Frequency (MHz)				639334	641666	644000	
Frequency (MHz)				3590.01	3624.99	3660	
80	Pi/2 BPSK	1	1	10.98	11.10	10.99	13.00
Channel							
Frequency (MHz)				639000	641666	644332	
Frequency (MHz)				3585	3624.99	3694.98	
70	Pi/2 BPSK	1	1	10.99	11.10	11.05	13.00
Channel							
Frequency (MHz)				638668	641666	644666	
Frequency (MHz)				3580.02	3624.99	3699.99	
60	Pi/2 BPSK	1	1	10.91	11.11	10.98	13.00
Channel							
Frequency (MHz)				638334	641666	645000	
Frequency (MHz)				3575.01	3624.99	3675	
50	Pi/2 BPSK	1	1	10.98	11.16	10.98	13.00
Channel							
Frequency (MHz)				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	Pi/2 BPSK	1	1	10.91	11.10	10.95	13.00
Channel							
Frequency (MHz)				637668	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	11.00	11.15	11.02	13.00
Channel							
Frequency (MHz)				637000	641666	646000	
Frequency (MHz)				3560.01	3624.99	3687.985	
25	Pi/2 BPSK	1	1	10.97	11.10	10.99	13.00
Channel							
Frequency (MHz)				637334	641666	646330	
Frequency (MHz)				3550.01	3624.99	3690	
20	Pi/2 BPSK	1	1	10.92	11.13	11.01	13.00
Channel							
Frequency (MHz)				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	11.01	11.20	11.05	13.00
Channel							
Frequency (MHz)				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	Pi/2 BPSK	1	1	10.91	11.18	11.00	13.00

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
100	Pi/2 BPSK	1	1	12.00			13.00
100		1	137	11.81			13.00
100		1	271	11.25			13.00
100		135	0	12.08			13.00
100		135	69	11.96			13.00
100		135	138	11.82			13.00
100		270	0	11.79			13.00
100		1	1	12.05			13.00
100		1	137	11.82			13.00
100		1	271	11.21			13.00
100	QPSK	135	0	12.05			13.00
100		135	69	11.86			13.00
100		135	138	11.58			13.00
100		270	0	11.80			13.00
100	16QAM	1	1	11.74			13.00
100	64QAM	1	1	11.79			13.00
100	256QAM	1	1	10.91			11.50
Channel							
Frequency (MHz)				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	11.98	11.97	11.96	13.00
Channel							
Frequency (MHz)				632666	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	11.87	11.92	11.88	13.00
Channel							
Frequency (MHz)				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	11.89	11.88	11.82	13.00
Channel							
Frequency (MHz)				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	11.89	11.92	11.92	13.00
Channel							
Frequency (MHz)				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	11.92	11.85	11.85	13.00
Channel							
Frequency (MHz)				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	11.96	11.89	11.92	13.00
Channel							
Frequency (MHz)				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	11.88	11.83	11.88	13.00
Channel							
Frequency (MHz)				630666	633332	636000	
Frequency (MHz)				3460.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	11.87	11.88	11.93	13.00
Channel							
Frequency (MHz)				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	11.92	11.92	11.87	13.00
Channel							
Frequency (MHz)				630000	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	11.95	11.95	11.87	13.00
Channel							
Frequency (MHz)				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	11.89	11.92	11.94	13.00

<FR1 n78 (270)\_Ant 0\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	650000	650000	
Frequency (MHz)				3750	3750	3750	
100	Pi/2 BPSK	1	1	11.21	11.18	11.32	12.00
100		1	137	11.19	11.18	11.32	12.00
100		1	271	11.15	11.18	11.32	12.00
100		135	0	11.30	11.18	11.32	12.00
100		135	69	11.26	11.18	11.32	12.00
100		135	138	11.28	11.18	11.32	12.00
100		270	0	11.19	11.18	11.32	12.00
100		1	1	11.13	11.18	11.32	12.00
100		1	137	11.16	11.18	11.32	12.00
100		1	271	11.15	11.18	11.32	12.00
100	QPSK	135	0	11.32	11.18	11.32	12.00
100		135	69	11.28	11.18	11.32	12.00
100		135	138	11.25	11.18	11.32	12.00
100		270	0	11.17	11.18	11.32	12.00
100	16QAM	1	1	11.16	11.18	11.32	12.00
100	64QAM	1	1	11.18	11.18	11.32	12.00
100	256QAM	1	1	9.90	9.90	10.50	10.50
Channel				646668	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	11.14	11.18	11.32	12.00
Channel				648334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	11.13	11.05	11.04	12.00
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	11.00	11.07	11.09	12.00
Channel				649668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	11.04	11.10	11.08	12.00
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	11.04	11.09	11.10	12.00
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	11.12	11.15	11.00	12.00
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	11.00	11.12	11.07	12.00
Channel				647330	650000	652500	
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	11.12	11.17	11.10	12.00
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	11.08	11.03	11.03	12.00
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	11.06	11.10	11.07	12.00
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	11.08	11.04	11.03	12.00

<FR1 n77 (27Q)\_Ant 2\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
633332							
Frequency (MHz)							
100	Pi/2 BPSK	1	1	3499.98	22.79		24.00
100		1	137	22.70	24.00		24.00
100		1	271	22.61	24.00		24.00
100		135	0	22.82	24.00		24.00
100		135	69	22.78	24.00		24.00
100		135	138	22.77	24.00		24.00
100		270	0	22.78	24.00		24.00
100		1	1	22.56	24.00		24.00
100		1	137	22.64	24.00		24.00
100		1	271	22.55	24.00		24.00
Channel							
633332							
Frequency (MHz)							
100	OFSK	135	69	22.81	24.00		24.00
100		135	138	22.75	24.00		24.00
100		270	0	22.66	24.00		24.00
100	16QAM	1	1	22.27	24.00		24.00
100	64QAM	1	1	22.32	24.00		24.00
100	256QAM	1	1	21.58	22.50		24.00
Channel							
633000							
Frequency (MHz)							
90	Pi/2 BPSK	1	1	3499.98	22.85	3514.99	24.00
Channel							
633332							
Frequency (MHz)							
80	Pi/2 BPSK	1	1	3499.98	22.54	3519.99	24.00
Channel							
633332							
Frequency (MHz)							
70	Pi/2 BPSK	1	1	3499.98	22.81	3514.98	24.00
Channel							
633332							
Frequency (MHz)							
60	Pi/2 BPSK	1	1	3499.98	22.51	3519.99	24.00
Channel							
633332							
Frequency (MHz)							
50	Pi/2 BPSK	1	1	3499.98	22.58	3519.99	24.00
Channel							
633332							
Frequency (MHz)							
40	Pi/2 BPSK	1	1	3499.98	22.58	3519.99	24.00
Channel							
633332							
Frequency (MHz)							
30	Pi/2 BPSK	1	1	3499.98	22.82	3519.99	24.00
Channel							
633332							
Frequency (MHz)							
25	Pi/2 BPSK	1	1	3499.98	22.61	3519.99	24.00
Channel							
630668							
Frequency (MHz)							
20	Pi/2 BPSK	1	1	3499.98	22.51	3519.99	24.00
Channel							
630500							
Frequency (MHz)							
15	Pi/2 BPSK	1	1	3499.98	22.58	3519.99	24.00
Channel							
630334							
Frequency (MHz)							
10	Pi/2 BPSK	1	1	3499.98	22.59	3519.99	24.00

<FR1 n77 (27Q)\_Ant 2\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
650000							
Frequency (MHz)							
100	Pi/2 BPSK	1	1	3750	23.15	3840	24.00
100		1	137	22.79	22.94	22.71	24.00
100		1	271	22.62	22.83	22.38	24.00
100		135	0	22.92	23.08	22.93	24.00
100		135	69	22.79	23.15	22.74	24.00
100		135	138	22.84	22.98	22.81	24.00
100		270	0	22.91	23.05	22.86	24.00
100		1	1	22.82	22.81	22.62	24.00
100		1	137	22.85	22.92	22.72	24.00
100		1	271	22.33	22.48	22.70	24.00
Channel							
650000							
Frequency (MHz)							
100	OFSK	135	69	22.83	23.06	22.91	24.00
100		135	138	23.01	23.11	22.93	24.00
100		270	0	22.84	23.02	22.90	24.00
100	16QAM	1	1	22.47	22.58	22.46	24.00
100	64QAM	1	1	22.46	22.57	22.38	24.00
100	256QAM	1	1	21.47	21.63	21.39	22.50
Channel							
646668							
Frequency (MHz)							
90	Pi/2 BPSK	1	1	3750	23.09	3840	24.00
Channel							
649334							
Frequency (MHz)							
80	Pi/2 BPSK	1	1	3750.01	23.01	3840	24.00
Channel							
649000							
Frequency (MHz)							
70	Pi/2 BPSK	1	1	3735	23.05	3840	24.00
Channel							
646668							
Frequency (MHz)							
60	Pi/2 BPSK	1	1	3730.02	23.01	3840	24.00
Channel							
648334							
Frequency (MHz)							
50	Pi/2 BPSK	1	1	3725.01	23.06	3840	24.00
Channel							
646000							
Frequency (MHz)							
40	Pi/2 BPSK	1	1	3720	23.04	3840	24.00
Channel							
647668							
Frequency (MHz)							
30	Pi/2 BPSK	1	1	3715.02	23.05	3840	24.00
Channel							
647500							
Frequency (MHz)							
25	Pi/2 BPSK	1	1	3712.5	23.02	3840	24.00
Channel							
647334							
Frequency (MHz)							
20	Pi/2 BPSK	1	1	3710.01	23.08	3840	24.00
Channel							
647168							
Frequency (MHz)							
15	Pi/2 BPSK	1	1	3707.52	23.14	3840	24.00
Channel							
647000							
Frequency (MHz)							
10	Pi/2 BPSK	1	1	3705	23.02	3840	24.00

**<FR1 n77&n78 Part96\_Ant 2\_Sensor off>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	23.24	23.30	23.18	24.00
100		1	137	23.16	23.27	23.10	24.00
100		1	271	22.99	23.19	23.02	24.00
100		135	0	22.84	22.77	22.68	23.50
100		135	69	23.18	23.17	23.10	24.00
100		135	138	22.53	22.69	22.54	23.50
100		270	0	22.66	22.70	22.59	23.50
100		1	1	23.13	23.23	22.99	24.00
100		1	137	23.05	23.09	22.84	24.00
100		1	271	23.04	23.14	23.02	24.00
Channel							
Frequency (MHz)				3690.01	3694.99	3699.98	
100	Pi/2 BPSK	1	1	22.26	22.30	22.19	23.00
100		135	69	23.05	23.16	23.11	24.00
100		135	138	22.17	22.30	22.11	23.00
100	270	0	22.01	22.24	22.10	23.00	
100	16QAM	1	1	22.03	22.22	22.16	23.00
100	64QAM	1	1	20.66	20.78	20.68	21.50
100	256QAM	1	1	18.85	18.77	18.61	19.50
Channel							
Frequency (MHz)				635668	641666	643566	
90	Pi/2 BPSK	1	1	3595.02	3624.99	3654.99	24.00
Channel				638334	641666	645000	
Frequency (MHz)				3690.01	3694.99	3699.98	
80	Pi/2 BPSK	1	1	23.13	23.22	23.18	24.00
Channel				639000	641666	644332	
Frequency (MHz)				3685	3694.99	3694.98	
70	Pi/2 BPSK	1	1	23.18	23.13	23.16	24.00
Channel				638668	641666	644666	
Frequency (MHz)				3580.02	3624.99	3669.99	
60	Pi/2 BPSK	1	1	23.09	23.15	23.08	24.00
Channel				638334	641666	645000	
Frequency (MHz)				3575.01	3624.99	3675	
50	Pi/2 BPSK	1	1	23.10	23.19	23.15	24.00
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	Pi/2 BPSK	1	1	23.16	23.25	23.19	24.00
Channel				637668	641666	645595	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	23.07	23.23	23.09	24.00
Channel				647500	641666	645833	
Frequency (MHz)				3692.5	3694.99	3697.495	
25	Pi/2 BPSK	1	1	23.10	23.20	23.16	24.00
Channel				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	Pi/2 BPSK	1	1	23.10	23.22	23.19	24.00
Channel				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	23.10	23.19	23.10	24.00
Channel				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	Pi/2 BPSK	1	1	23.09	23.22	23.15	24.00

**<FR1 n78 (27Q)\_Ant 2\_Sensor off>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633000	633332	633666	
100	Pi/2 BPSK	1	1	22.75	22.71	22.68	24.00
100		1	137	22.71	22.71	22.68	24.00
100		1	271	22.66	22.66	22.65	24.00
100		135	0	22.65	22.65	22.65	24.00
100		135	69	22.73	22.73	22.73	24.00
100		135	138	22.69	22.69	22.69	24.00
100		270	0	22.65	22.65	22.65	24.00
100		1	1	22.61	22.61	22.61	24.00
100		1	137	22.64	22.64	22.64	24.00
100		1	271	22.63	22.63	22.63	24.00
Channel							
Frequency (MHz)				632000	633332	634666	
100	Pi/2 BPSK	1	1	22.53	22.58	22.61	24.00
100		135	69	22.64	22.64	22.64	24.00
100		135	138	22.65	22.65	22.65	24.00
100	270	0	22.64	22.64	22.64	24.00	
100	16QAM	1	1	22.67	22.67	22.67	24.00
100	64QAM	1	1	22.61	22.61	22.61	24.00
100	256QAM	1	1	21.21	21.21	21.21	22.50
Channel							
Frequency (MHz)				63495	63495	63495	
90	Pi/2 BPSK	1	1	22.58	22.71	22.68	24.00
Channel				632668	633332	634000	
Frequency (MHz)				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	22.83	22.89	22.84	24.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	22.53	22.58	22.61	24.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	22.54	22.60	22.52	24.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	22.53	22.63	22.54	24.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	22.55	22.64	22.64	24.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	22.81	22.70	22.80	24.00
Channel				630834	633332	635932	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	22.83	22.70	22.57	24.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	22.67	22.69	22.56	24.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	22.59	22.57	22.52	24.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	22.60	22.68	22.64	24.00

<FR1 n78 (270)\_Ant 2\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				648668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
100	Pi/2 BPSK	1	1	23.15	650000	650332	24.00
100		1	137	23.11			24.00
100		1	271	23.14			24.00
100		135	0	23.09			24.00
100		135	69	23.13			24.00
100		135	138	23.04			24.00
100		270	0	23.10			24.00
100		1	1	23.09			24.00
100		1	137	23.07			24.00
100		1	271	23.05			24.00
100	QPSK	135	0	23.09	24.00		
100		135	69	23.11	24.00		
100		135	138	23.12	24.00		
100		270	0	23.07	24.00		
100		16QAM	1	1	23.13	24.00	
100		64QAM	1	1	23.06	24.00	
100	256QAM	1	1	21.61	22.50		
Channel				648668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	23.08	23.11	23.10	24.00
Channel				649334	650000	650668	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3759.99	
90	Pi/2 BPSK	1	1	23.00	22.98	22.99	24.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	23.06	22.99	23.06	24.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	22.94	23.05	22.95	24.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	23.05	23.05	23.09	24.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	22.95	23.08	22.96	24.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	23.05	23.07	23.06	24.00
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	23.07	23.04	23.07	24.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	23.02	23.04	23.09	24.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	23.06	22.97	23.01	24.00

<FR1 n41\_Ant 3\_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				2540.01	2592.99	2645	
100	Pi/2 BPSK	1	1	22.61	22.85	22.58	24.00
100		1	137	22.50	22.61	22.46	24.00
100		1	271	22.43	22.58	22.49	24.00
100		135	0	22.04	22.14	21.98	23.50
100		135	69	22.58	22.83	22.48	24.00
100		135	138	22.03	22.11	22.03	23.50
100		270	0	22.03	22.09	21.89	23.50
100		1	1	22.48	22.60	22.48	24.00
100		1	137	22.41	22.58	22.41	24.00
100		1	271	22.38	22.55	22.33	24.00
QPSK							
100	QPSK	135	0	21.55	21.61	21.51	23.00
100		135	69	22.41	22.57	22.37	24.00
100		135	138	21.44	21.60	21.48	23.00
100	16QAM	270	0	21.40	21.58	21.45	23.00
100		1	1	21.50	21.55	21.44	23.00
100	64QAM	1	1	20.03	20.13	20.02	21.50
100		256QAM	1	1	17.99	18.11	17.87
Channel							
Frequency (MHz)				508200	518598	529998	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	22.45	22.20	22.35	24.00
Channel							
Frequency (MHz)				507204	518598	529998	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	22.48	22.25	22.34	24.00
Channel							
Frequency (MHz)				506202	518598	531000	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	22.46	22.20	22.33	24.00
Channel							
Frequency (MHz)				505200	518598	531998	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	22.45	22.18	22.30	24.00
Channel							
Frequency (MHz)				504204	518598	532998	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	22.48	22.23	22.39	24.00
Channel							
Frequency (MHz)				503700	518598	533498	Tune-up Limit (dBm)
45	Pi/2 BPSK	1	1	25.18.5	25.92.99	26.67.48	24.00
Channel							
Frequency (MHz)				503202	518598	534000	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	22.47	22.24	22.32	24.00
Channel							
Frequency (MHz)				502704	518598	534498	Tune-up Limit (dBm)
35	Pi/2 BPSK	1	1	25.13.82	25.92.89	26.72.49	24.00
Channel							
Frequency (MHz)				502200	518598	534998	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	22.36	22.21	22.29	24.00
Channel							
Frequency (MHz)				501702	518598	535500	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	22.43	22.24	22.37	24.00
Channel							
Frequency (MHz)				501204	518598	535998	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	22.39	22.15	22.39	24.00
Channel							
Frequency (MHz)				500700	518598	536498	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	25.03.5	25.92.99	26.82.48	24.00
Channel							
Frequency (MHz)				500202	518598	537000	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	22.40	22.25	22.27	24.00

<FR1 n77 (27Q)\_Ant 3\_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							3499.98
100	Pi/2 BPSK	1	1				20.19
100		1	137				20.00
100		1	271				20.18
100		135	0				20.05
100		135	69				20.22
100		135	138				20.21
100		270	0				20.05
100		1	1				20.02
100		1	137				19.97
100		1	271				20.20
QPSK							
100	QPSK	135	0				20.00
100		135	69				20.11
100		135	138				20.20
100	16QAM	270	0				20.13
100		1	1				19.57
100	64QAM	1	1				19.82
100		256QAM	1	1			
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	34.95	34.99.98	35.04.99	20.04
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	34.90.02	34.99.98	35.01	20.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	34.85.01	34.99.98	35.14.98	20.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	34.80	34.99.98	35.19.99	20.01
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	34.75.02	34.99.98	35.25	20.04
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	34.70.01	34.99.98	35.29.98	19.92
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	34.65	34.99.98	35.34.99	20.03
Channel							
Frequency (MHz)				630664	633332	635832	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	34.62.51	34.99.98	35.37.48	19.99
Channel							
Frequency (MHz)				630330	633332	636000	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	34.59	34.99.98	35.40	20.03
Channel							
Frequency (MHz)				630000	633332	636166	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	34.57.5	34.99.98	35.42.49	19.96
Channel							
Frequency (MHz)				629334	633332	636332	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	34.55.01	34.99.98	35.44.98	19.94

<FR1 n77 (270)\_Ant 3\_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	20.18	20.21	20.15	21.00
100		1	137	20.12	20.18	20.11	21.00
100		1	271	20.08	20.15	20.08	21.00
100		135	0	20.00	20.13	20.00	21.00
100		135	69	20.01	20.19	20.04	21.00
100		135	138	20.07	20.17	20.07	21.00
100		270	0	20.00	20.11	19.91	21.00
100		1	1	19.97	20.09	19.98	21.00
100		1	137	19.99	20.16	20.06	21.00
100		1	271	20.00	20.11	20.02	21.00
QPSK							
100	135	0	19.98	20.15	20.08	21.00	
100	135	69	19.92	20.04	19.91	21.00	
100	135	138	20.01	20.08	19.96	21.00	
100	270	0	19.95	20.10	19.90	21.00	
100	16QAM	1	1	20.06	20.16	19.98	21.00
100	64QAM	1	1	20.04	20.14	19.99	21.00
100	256QAM	1	1	20.10	20.15	20.09	21.00
Channel							
Frequency (MHz)				64966	65000	65232	
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	20.13	20.09	20.05	21.00
Channel							
Frequency (MHz)				649334	650000	652666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	20.09	20.2	20.04	21.00
Channel							
Frequency (MHz)				649000	650000	653000	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	20.14	20.15	20.01	21.00
Channel							
Frequency (MHz)				648668	650000	653332	
Frequency (MHz)				3730.02	3840	3949.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	20.11	20.17	20.11	21.00
Channel							
Frequency (MHz)				648334	650000	653066	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	20.09	20.12	20.12	21.00
Channel							
Frequency (MHz)				648000	650000	654000	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	20.15	20.11	20.02	21.00
Channel							
Frequency (MHz)				647668	650000	654332	
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	20.03	20.11	20.04	21.00
Channel							
Frequency (MHz)				647500	650000	654500	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	20.03	20.09	20.01	21.00
Channel							
Frequency (MHz)				647334	650000	654666	
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	20.12	20.13	20.12	21.00
Channel							
Frequency (MHz)				647160	650000	654832	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	20.13	20.12	20.07	21.00
Channel							
Frequency (MHz)				647000	650000	655000	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	20.12	20.15	20.03	21.00

<FR1 n77&n78 Part96\_Ant 3\_Sensor off>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3800	3824.99	3849.98	
100	Pi/2 BPSK	1	1	20.06	20.17	20.11	21.00
100		1	137	19.98	20.07	20.03	21.00
100		1	271	20.01	20.06	19.97	21.00
100		135	0	19.96	20.05	19.89	21.00
100		135	69	19.93	20.13	20.00	21.00
100		135	138	19.99	20.11	19.94	21.00
100		270	0	19.94	20.03	19.78	21.00
100		1	1	19.90	20.05	19.88	21.00
100		1	137	19.93	20.12	19.98	21.00
100		1	271	19.93	20.06	19.99	21.00
QPSK							
100	135	0	19.94	20.09	20.03	21.00	
100	135	69	19.84	19.94	19.84	21.00	
100	135	138	19.96	20.05	19.90	21.00	
100	270	0	19.90	20.04	19.80	21.00	
100	16QAM	1	1	19.97	20.09	19.96	21.00
100	64QAM	1	1	19.91	20.01	19.86	21.00
100	256QAM	1	1	19.98	20.06	19.95	21.00
Channel							
Frequency (MHz)				639668	641666	643666	
Frequency (MHz)				3896.02	3824.99	3854.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	19.97	20.08	20.01	21.00
Channel							
Frequency (MHz)				639334	641666	644000	
Frequency (MHz)				3890.01	3824.99	3860	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	19.97	20.13	20.02	21.00
Channel							
Frequency (MHz)				639000	641666	644332	
Frequency (MHz)				3885	3824.99	3864.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	20.07	20.07	20.04	21.00
Channel							
Frequency (MHz)				638668	641666	644666	
Frequency (MHz)				3880.02	3824.99	3869.98	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	20.02	20.13	20.02	21.00
Channel							
Frequency (MHz)				638334	641666	645000	
Frequency (MHz)				3875.01	3824.99	3875	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	19.97	20.12	20.00	21.00
Channel							
Frequency (MHz)				638000	641666	645332	
Frequency (MHz)				3870	3824.99	3879.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	20.05	20.05	20.06	21.00
Channel							
Frequency (MHz)				637668	641666	645666	
Frequency (MHz)				3865.02	3824.99	3884.99	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	20.06	20.11	20.07	21.00
Channel							
Frequency (MHz)				647600	641666	645833	
Frequency (MHz)				3862.5	3824.99	3887.495	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	19.98	20.12	20.07	21.00
Channel							
Frequency (MHz)				637334	641666	646000	
Frequency (MHz)				3858.01	3824.99	3893	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	20.03	20.04	20.02	21.00
Channel							
Frequency (MHz)				637168	641666	646166	
Frequency (MHz)				3857.52	3824.99	3892.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	20.00	20.11	20.03	21.00
Channel							
Frequency (MHz)				637000	641666	646332	
Frequency (MHz)				3855	3824.99	3894.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	19.98	20.06	19.96	21.00

<FR1 n78 (27Q)\_Ant 3\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				633332				
100	PI2 BPSK	1	1	3499.98	20.15		21.00	
100		1	137		19.98		21.00	
100		1	271		20.11		21.00	
100		135	0		20.06		21.00	
100		135	69		20.13		21.00	
100		135	138		20.12		21.00	
100		270	0		20.03		21.00	
100		1	1		19.88		21.00	
100		1	137		19.98		21.00	
100		1	271		20.22		21.00	
100	QPSK	135	0		20.00		21.00	
100		135	69		20.08		21.00	
100		135	138		20.21		21.00	
100		270	0		20.05		21.00	
100		16QAM	1	1		19.96		21.00
100		64QAM	1	1		19.94		21.00
100	256QAM	1	1		19.93		21.00	
Channel								
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)	
90	PI2 BPSK	1	1	3495	3499.98	3504.99	21.00	
Channel								
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)	
80	PI2 BPSK	1	1	3480.02	3499.98	3510	21.00	
Channel								
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)	
70	PI2 BPSK	1	1	3485.01	3499.98	3514.98	21.00	
Channel								
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)	
60	PI2 BPSK	1	1	3480	3499.98	3519.99	21.00	
Channel								
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)	
50	PI2 BPSK	1	1	3475.02	3499.98	3525	21.00	
Channel								
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)	
40	PI2 BPSK	1	1	3470.01	3499.98	3529.98	21.00	
Channel								
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)	
30	PI2 BPSK	1	1	3465	3499.98	3534.99	21.00	
Channel								
Frequency (MHz)				630634	633332	635832	Tune-up Limit (dBm)	
25	PI2 BPSK	1	1	3462.51	3499.98	3537.48	21.00	
Channel								
Frequency (MHz)				630300	633332	636000	Tune-up Limit (dBm)	
20	PI2 BPSK	1	1	3457.5	3499.98	3542.49	21.00	
Channel								
Frequency (MHz)				630000	633332	636166	Tune-up Limit (dBm)	
15	PI2 BPSK	1	1	3452.03	3499.98	3547.03	21.00	
Channel								
Frequency (MHz)				629334	633332	636332	Tune-up Limit (dBm)	
10	PI2 BPSK	1	1	3445.01	3499.98	3544.98	21.00	
Channel								
Frequency (MHz)				629000	633332	636500	Tune-up Limit (dBm)	

<FR1 n78 (27Q)\_Ant 3\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				650000				
100	PI2 BPSK	1	1	3750	20.18		21.00	
100		1	137		20.12		21.00	
100		1	271		20.15		21.00	
100		135	0		20.14		21.00	
100		135	69		20.16		21.00	
100		135	138		20.14		21.00	
100		270	0		20.08		21.00	
100		1	1		20.07		21.00	
100		1	137		20.16		21.00	
100		1	271		20.13		21.00	
100	QPSK	135	0		20.08		21.00	
100		135	69		20.03		21.00	
100		135	138		20.08		21.00	
100		270	0		20.12		21.00	
100		16QAM	1	1		20.01		21.00
100		64QAM	1	1		20.05		21.00
100	256QAM	1	1		20.04		21.00	
Channel								
Frequency (MHz)				649668	650000	650332	Tune-up Limit (dBm)	
90	PI2 BPSK	1	1	3745.02	3750	3754.98	21.00	
Channel								
Frequency (MHz)				649334	650000	650666	Tune-up Limit (dBm)	
80	PI2 BPSK	1	1	3740.01	3750	3759.99	21.00	
Channel								
Frequency (MHz)				649000	650000	651000	Tune-up Limit (dBm)	
70	PI2 BPSK	1	1	3735	3750	3765	21.00	
Channel								
Frequency (MHz)				648668	650000	651332	Tune-up Limit (dBm)	
60	PI2 BPSK	1	1	3730.02	3750	3769.98	21.00	
Channel								
Frequency (MHz)				648334	650000	651666	Tune-up Limit (dBm)	
50	PI2 BPSK	1	1	3725.01	3750	3774.99	21.00	
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up Limit (dBm)	
40	PI2 BPSK	1	1	3720	3750	3780	21.00	
Channel								
Frequency (MHz)				647668	650000	652332	Tune-up Limit (dBm)	
30	PI2 BPSK	1	1	3715.02	3750	3784.98	21.00	
Channel								
Frequency (MHz)				647500	650000	652500	Tune-up Limit (dBm)	
25	PI2 BPSK	1	1	3712.5	3750	3787.5	21.00	
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up Limit (dBm)	
20	PI2 BPSK	1	1	3710.01	3750	3789.99	21.00	
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up Limit (dBm)	
15	PI2 BPSK	1	1	3707.52	3750	3792.48	21.00	
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up Limit (dBm)	
10	PI2 BPSK	1	1	3705	3750	3795	21.00	
Channel								
Frequency (MHz)				646700	650000	653166	Tune-up Limit (dBm)	



<FR1 n41\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	13.95	14.03	13.98	15.00	
100		1	137	13.87	14.00	13.83	15.00	
100		1	271	13.79	13.94	13.81	15.00	
100		135	0	13.82	13.92	13.83	15.00	
100		135	69	13.69	14.01	13.74	15.00	
100		135	138	13.8	13.98	13.83	15.00	
100		270	0	13.69	13.89	13.72	15.00	
100		1	1	13.70	13.85	13.69	15.00	
100		1	137	13.69	13.91	13.81	15.00	
100		1	271	13.80	13.95	13.78	15.00	
100	QPSK	135	0	13.75	13.93	13.85	15.00	
100		135	69	13.68	13.85	13.76	15.00	
100		135	138	13.68	13.82	13.68	15.00	
100		270	0	13.74	13.88	13.73	15.00	
100		16QAM	1	1	13.74	13.93	13.85	15.00
100		64QAM	1	1	13.46	13.55	13.39	14.50
100	256QAM	1	1	11.32	11.52	11.44	12.50	
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98		
90	Pi/2 BPSK	1	1	13.92	13.88	13.85	15.00	
Channel				507204	518598	529998		
Frequency (MHz)				2539.02	2592.99	2649.99		
80	Pi/2 BPSK	1	1	13.82	13.97	13.94	15.00	
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	Pi/2 BPSK	1	1	13.86	14.02	13.89	15.00	
Channel				505200	518598	531996		
Frequency (MHz)				2529	2592.99	2659.98		
60	Pi/2 BPSK	1	1	13.90	14.00	13.84	15.00	
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	Pi/2 BPSK	1	1	13.85	13.96	13.88	15.00	
Channel				503700	518598	533496		
Frequency (MHz)				2518.5	2592.99	2667.48		
45	Pi/2 BPSK	1	1	13.87	14.01	13.85	15.00	
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670		
40	Pi/2 BPSK	1	1	13.91	14.00	13.84	15.00	
Channel				502704	518598	534498		
Frequency (MHz)				2513.52	2592.99	2672.49		
35	Pi/2 BPSK	1	1	13.87	13.94	13.87	15.00	
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98		
30	Pi/2 BPSK	1	1	13.81	13.92	13.92	15.00	
Channel				501702	518598	535500		
Frequency (MHz)				2508.51	2592.99	2677.5		
25	Pi/2 BPSK	1	1	13.89	13.89	13.92	15.00	
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	Pi/2 BPSK	1	1	13.84	13.94	13.90	15.00	
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	Pi/2 BPSK	1	1	13.81	13.91	13.90	15.00	
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	Pi/2 BPSK	1	1	13.86	13.99	13.89	15.00	

<FR1 n77 (27Q)\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)	
Channel				633000	633332	633666		
Frequency (MHz)				3485	3499.98	3504.99		
100	Pi/2 BPSK	1	1	10.03			11.00	
100		1	137	10.00			11.00	
100		1	271	9.95			11.00	
100		135	0	10.00			11.00	
100		135	69	10.01			11.00	
100		135	138	9.96			11.00	
100		270	0	9.91			11.00	
100		1	1	9.93			11.00	
100		1	137	9.92			11.00	
100		1	271	9.94			11.00	
100	QPSK	135	0	9.88			11.00	
100		135	69	9.85			11.00	
100		135	138	9.87			11.00	
100		270	0	9.92			11.00	
100		16QAM	1	1	9.94			11.00
100		64QAM	1	1	9.90			11.00
100	256QAM	1	1	9.88			11.00	
Channel				633000	633332	633666		
Frequency (MHz)				3485	3499.98	3504.99		
90	Pi/2 BPSK	1	1	9.93	9.95	9.91	11.00	
Channel				632668	633332	634000		
Frequency (MHz)				3486.02	3499.98	3510		
80	Pi/2 BPSK	1	1	9.81	9.83	9.83	11.00	
Channel				632334	633332	634332		
Frequency (MHz)				3487.01	3499.98	3514.98		
70	Pi/2 BPSK	1	1	9.82	9.83	9.80	11.00	
Channel				632000	633332	634666		
Frequency (MHz)				3480	3499.98	3519.99		
60	Pi/2 BPSK	1	1	9.88	9.81	9.86	11.00	
Channel				631668	633332	635000		
Frequency (MHz)				3475.02	3499.98	3525		
50	Pi/2 BPSK	1	1	9.87	9.86	9.89	11.00	
Channel				631334	633332	635332		
Frequency (MHz)				3470.01	3499.98	3529.98		
40	Pi/2 BPSK	1	1	9.89	9.82	9.89	11.00	
Channel				631000	633332	635666		
Frequency (MHz)				3465	3499.98	3534.99		
30	Pi/2 BPSK	1	1	9.81	9.83	9.80	11.00	
Channel				630664	633332	636000		
Frequency (MHz)				3462.51	3499.98	3537.48		
25	Pi/2 BPSK	1	1	9.89	9.86	9.89	11.00	
Channel				630334	633332	636332		
Frequency (MHz)				3460.02	3499.98	3540		
20	Pi/2 BPSK	1	1	9.87	9.91	9.87	11.00	
Channel				630000	633332	636666		
Frequency (MHz)				3457.5	3499.98	3542.49		
15	Pi/2 BPSK	1	1	9.81	9.83	9.80	11.00	
Channel				630334	633332	636332		
Frequency (MHz)				3455.01	3499.98	3544.98		
10	Pi/2 BPSK	1	1	9.82	9.80	9.81	11.00	

<FR1 n77 (270)\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	9.95	10.00	9.98	11.00	
100		1	137	9.81	9.91	9.77	11.00	
100		1	271	9.80	9.92	9.77	11.00	
100		135	0	9.91	9.98	9.84	11.00	
100		135	69	9.82	9.99	9.80	11.00	
100		135	138	9.86	9.84	9.77	11.00	
100		270	0	9.81	9.87	9.72	11.00	
100		1	1	9.77	9.93	9.82	11.00	
100		1	137	9.78	9.95	9.89	11.00	
100		1	271	9.75	9.86	9.77	11.00	
100	QPSK	135	0	9.77	9.88	9.81	11.00	
100		135	69	9.66	9.84	9.78	11.00	
100		135	138	9.74	9.83	9.76	11.00	
100		270	0	9.83	9.90	9.73	11.00	
100		16QAM	1	1	9.74	9.89	9.74	11.00
100		64QAM	1	1	9.70	9.81	9.77	11.00
100	256QAM	1	1	9.73	9.85	9.69	11.00	
Channel				649668	650000	662332		
Frequency (MHz)				3745.02	3840	3934.98		
90	Pi/2 BPSK	1	1	9.91	9.95	9.93	11.00	
Channel				649334	650000	662666		
Frequency (MHz)				3740.01	3940	3939.99		
80	Pi/2 BPSK	1	1	9.90	9.88	9.92	11.00	
Channel				649000	650000	663000		
Frequency (MHz)				3735	3840	3945		
70	Pi/2 BPSK	1	1	9.83	9.88	9.86	11.00	
Channel				648666	650000	663332		
Frequency (MHz)				3730.02	3840	3949.98		
60	Pi/2 BPSK	1	1	9.83	9.93	9.88	11.00	
Channel				648334	650000	663666		
Frequency (MHz)				3725.01	3840	3954.99		
50	Pi/2 BPSK	1	1	9.84	9.90	9.84	11.00	
Channel				648000	650000	664000		
Frequency (MHz)				3720	3840	3960		
40	Pi/2 BPSK	1	1	9.93	9.96	9.91	11.00	
Channel				647668	650000	664332		
Frequency (MHz)				3715.02	3840	3964.98		
30	Pi/2 BPSK	1	1	9.91	9.95	9.89	11.00	
Channel				647334	650000	664666		
Frequency (MHz)				3710.01	3840	3969.99		
25	Pi/2 BPSK	1	1	9.93	9.94	9.85	11.00	
Channel				647000	650000	665000		
Frequency (MHz)				3710.01	3840	3969.99		
20	Pi/2 BPSK	1	1	9.90	9.98	9.90	11.00	
Channel				647168	650000	664832		
Frequency (MHz)				3707.52	3840	3972.48		
15	Pi/2 BPSK	1	1	9.94	9.98	9.93	11.00	
Channel				647000	650000	665000		
Frequency (MHz)				3705	3840	3975		
10	Pi/2 BPSK	1	1	9.90	9.90	9.85	11.00	

<FR1 n77&n78 Part96\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	Pi/2 BPSK	1	1	9.83	9.92	9.83	11.00	
100		1	137	9.75	9.77	9.69	11.00	
100		1	271	9.74	9.76	9.72	11.00	
100		135	0	9.87	9.90	9.77	11.00	
100		135	69	9.69	9.91	9.67	11.00	
100		135	138	9.93	9.76	9.72	11.00	
100		270	0	9.67	9.79	9.84	11.00	
100		1	1	9.71	9.79	9.76	11.00	
100		1	137	9.74	9.90	9.73	11.00	
100		1	271	9.65	9.73	9.69	11.00	
100	QPSK	135	0	9.71	9.80	9.74	11.00	
100		135	69	9.56	9.72	9.70	11.00	
100		135	138	9.63	9.72	9.70	11.00	
100		270	0	9.71	9.84	9.68	11.00	
100		16QAM	1	1	9.60	9.74	9.67	11.00
100		64QAM	1	1	9.55	9.71	9.62	11.00
100	256QAM	1	1	9.68	9.71	9.64	11.00	
Channel				639668	641666	643666		
Frequency (MHz)				3595.02	3624.99	3654.99		
90	Pi/2 BPSK	1	1	9.83	9.88	9.88	11.00	
Channel				639334	641666	644000		
Frequency (MHz)				3590.01	3624.99	3660		
80	Pi/2 BPSK	1	1	9.79	9.87	9.88	11.00	
Channel				639000	641666	644332		
Frequency (MHz)				3585	3624.99	3664.98		
70	Pi/2 BPSK	1	1	9.81	9.90	9.77	11.00	
Channel				638666	641666	644666		
Frequency (MHz)				3580.02	3624.99	3669.99		
60	Pi/2 BPSK	1	1	9.85	9.86	9.86	11.00	
Channel				638334	641666	645000		
Frequency (MHz)				3575.01	3624.99	3675		
50	Pi/2 BPSK	1	1	9.78	9.81	9.84	11.00	
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	9.85	9.81	9.89	11.00	
Channel				637668	641666	645666		
Frequency (MHz)				3565.02	3624.99	3684.99		
30	Pi/2 BPSK	1	1	9.81	9.84	9.83	11.00	
Channel				637334	641666	646000		
Frequency (MHz)				3560.01	3624.99	3687.498		
25	Pi/2 BPSK	1	1	9.90	9.88	9.89	11.00	
Channel				637000	641666	646332		
Frequency (MHz)				3555.01	3624.99	3690		
20	Pi/2 BPSK	1	1	9.87	9.79	9.81	11.00	
Channel				637168	641666	646166		
Frequency (MHz)				3557.52	3624.99	3692.49		
15	Pi/2 BPSK	1	1	9.81	9.79	9.86	11.00	
Channel				637000	641666	646332		
Frequency (MHz)				3555	3624.99	3694.98		
10	Pi/2 BPSK	1	1	9.76	9.90	9.79	11.00	

<FR1 n78 (27Q)\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332			
100	PI2 BPSK	1	1	3459.98	9.97		11.00
100		1	137	9.88			11.00
100		1	271	9.89			11.00
100		135	0	9.95			11.00
100		135	69	9.96			11.00
100		135	138	9.81			11.00
100		270	0	9.94			11.00
100		1	1	9.90			11.00
100		1	137	9.92			11.00
100		1	271	9.83			11.00
100	QPSK	135	0	9.85			11.00
100		135	69	9.81			11.00
100		135	138	9.80			11.00
100		270	0	9.87			11.00
100	16QAM	1	1	9.86			11.00
100	64QAM	1	1	9.78			11.00
100	256QAM	1	1	9.82			11.00
Channel							
Frequency (MHz)				633000	633332	633666	
90	PI2 BPSK	1	1	3495	3499.98	3504.99	11.00
Channel							
Frequency (MHz)				632668	633332	634000	
80	PI2 BPSK	1	1	3483.02	3499.98	3510	11.00
Channel							
Frequency (MHz)				632334	633332	634332	
70	PI2 BPSK	1	1	3485.01	3499.98	3514.98	11.00
Channel							
Frequency (MHz)				632000	633332	634666	
60	PI2 BPSK	1	1	3480	3499.98	3519.99	11.00
Channel							
Frequency (MHz)				631668	633332	635000	
50	PI2 BPSK	1	1	3475.02	3499.98	3525	11.00
Channel							
Frequency (MHz)				631334	633332	635332	
40	PI2 BPSK	1	1	3470.01	3499.98	3529.98	11.00
Channel							
Frequency (MHz)				631000	633332	635666	
30	PI2 BPSK	1	1	3465	3499.98	3534.99	11.00
Channel							
Frequency (MHz)				630668	633332	636000	
25	PI2 BPSK	1	1	3462.51	3499.98	3537.48	11.00
Channel							
Frequency (MHz)				630334	633332	636332	
20	PI2 BPSK	1	1	3460.02	3499.98	3540	11.00
Channel							
Frequency (MHz)				630000	633332	636666	
15	PI2 BPSK	1	1	3457.5	3499.98	3542.49	11.00
Channel							
Frequency (MHz)				629334	633332	636332	
10	PI2 BPSK	1	1	3455.01	3499.98	3544.98	11.00

<FR1 n78 (27Q)\_Ant 4\_Sensor off>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				650000			
100	PI2 BPSK	1	1	3750	9.95		11.00
100		1	137	9.86			11.00
100		1	271	9.87			11.00
100		135	0	9.93			11.00
100		135	69	9.94			11.00
100		135	138	9.79			11.00
100		270	0	9.92			11.00
100		1	1	9.88			11.00
100		1	137	9.90			11.00
100		1	271	9.81			11.00
100	QPSK	135	0	9.83			11.00
100		135	69	9.79			11.00
100		135	138	9.78			11.00
100		270	0	9.85			11.00
100	16QAM	1	1	9.84			11.00
100	64QAM	1	1	9.76			11.00
100	256QAM	1	1	9.80			11.00
Channel							
Frequency (MHz)				649668	650000	650332	
90	PI2 BPSK	1	1	3745.02	3750	3754.98	11.00
Channel							
Frequency (MHz)				649334	650000	650666	
80	PI2 BPSK	1	1	3740.01	3750	3759.99	11.00
Channel							
Frequency (MHz)				649000	650000	651000	
70	PI2 BPSK	1	1	3735	3750	3765	11.00
Channel							
Frequency (MHz)				648668	650000	651332	
60	PI2 BPSK	1	1	3730.02	3750	3769.98	11.00
Channel							
Frequency (MHz)				648334	650000	651666	
50	PI2 BPSK	1	1	3725.01	3750	3774.99	11.00
Channel							
Frequency (MHz)				648000	650000	652000	
40	PI2 BPSK	1	1	3720	3750	3780	11.00
Channel							
Frequency (MHz)				647668	650000	652332	
30	PI2 BPSK	1	1	3715.02	3750	3784.98	11.00
Channel							
Frequency (MHz)				647334	650000	652666	
25	PI2 BPSK	1	1	3710.01	3750	3789.99	11.00
Channel							
Frequency (MHz)				647000	650000	653000	
20	PI2 BPSK	1	1	3705	3750	3795	11.00
Channel							
Frequency (MHz)				646668	650000	653332	
15	PI2 BPSK	1	1	3700	3750	3800	11.00
Channel							
Frequency (MHz)				646334	650000	653666	
10	PI2 BPSK	1	1	3695	3750	3805	11.00

<FR1 n38\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up Limit (dBm)
				Low Ch / Freq	Middle Ch / Freq	High Ch / Freq	
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	15.01	15.08	15.03	16.00
40		1	53	14.84	14.99	14.81	16.00
40		1	104	14.75	14.95	14.81	16.00
40		50	0	14.95	15.05	14.98	16.00
40		50	28	14.73	15.06	14.76	16.00
40		50	56	14.85	14.90	14.78	16.00
40		100	0	14.88	14.97	14.79	16.00
40		1	1	14.82	15.01	14.56	16.00
40		1	53	14.83	15.03	14.50	16.00
40		1	104	14.83	14.97	14.89	16.00
40	QPSK	50	0	14.73	14.91	14.72	16.00
40		50	28	14.75	14.94	14.78	16.00
40		50	56	14.73	14.93	14.85	16.00
40		100	0	14.70	14.89	14.75	16.00
40	16QAM	1	1	14.66	14.85	14.70	16.00
40	64QAM	1	1	14.70	14.88	14.80	16.00
40	256QAM	1	1	14.77	14.91	14.74	16.00
Channel				517000	519000	521000	
Frequency (MHz)				2585	2595	2605	
30	Pi/2 BPSK	1	1	14.94	14.97	14.94	16.00
Channel				516500	519000	521500	
Frequency (MHz)				2582.5	2595	2607.5	
25	Pi/2 BPSK	1	1	14.98	14.96	15.00	16.00
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	Pi/2 BPSK	1	1	14.91	15.00	14.85	16.00
Channel				515500	519000	522500	
Frequency (MHz)				2577.5	2595	2612.5	
15	Pi/2 BPSK	1	1	14.98	14.94	14.93	16.00
Channel				515000	519000	523000	
Frequency (MHz)				2575	2595	2615	
10	Pi/2 BPSK	1	1	14.99	15.00	14.92	16.00

<FR1 n41\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up Limit (dBm)
				Low Ch / Freq	Middle Ch / Freq	High Ch / Freq	
Channel				509200	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	Pi/2 BPSK	1	1	15.08	15.10	15.05	16.00
100		1	137	14.91	15.08	14.92	16.00
100		1	271	14.97	15.01	14.82	16.00
100		135	0	14.96	15.06	14.87	16.00
100		135	69	14.86	15.07	14.85	16.00
100		135	138	14.92	15.04	14.98	16.00
100		270	0	14.84	14.95	14.77	16.00
100		1	1	14.95	14.98	14.86	16.00
100		1	137	14.82	14.94	14.74	16.00
100		1	271	14.80	14.91	14.82	16.00
100	QPSK	135	0	14.82	14.96	14.88	16.00
100		135	69	14.84	14.95	14.87	16.00
100		135	138	14.86	14.99	14.90	16.00
100		270	0	14.85	14.97	14.83	16.00
100	16QAM	1	1	14.83	14.89	14.79	16.00
100	64QAM	1	1	14.79	14.88	14.76	16.00
100	256QAM	1	1	14.80	14.90	14.76	16.00
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	15.03	15.00	14.95	16.00
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	14.97	15.01	14.96	16.00
Channel				506202	518598	531000	
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	15.02	15.01	14.93	16.00
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
80	Pi/2 BPSK	1	1	14.98	15.08	15.01	16.00
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	14.98	15.00	15.00	16.00
Channel				503700	518598	533496	
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	14.98	15.06	15.01	16.00
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	14.95	15.01	14.91	16.00
Channel				502704	518598	534498	
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	14.97	14.97	15.01	16.00
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	15.05	15.06	15.00	16.00
Channel				501702	518598	535500	
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	15.04	15.00	14.92	16.00
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	15.03	15.06	15.03	16.00
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	15.02	15.04	15.01	16.00
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	14.98	15.08	14.98	16.00



<FR1 n77 (27Q)\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332	633332	633332	
Frequency (MHz)				3499.98			
100	Pi/2 BPSK	1	1	11.20			12.00
100		1	137	11.16			12.00
100		1	271	11.15			12.00
100		135	0	11.17			12.00
100		135	69	11.18			12.00
100		135	138	11.11			12.00
100		270	0	11.09			12.00
100		1	1	11.08			12.00
100		1	137	11.03			12.00
100		1	271	11.06			12.00
100	QPSK	135	0	11.04			12.00
100		135	69	11.08			12.00
100		135	138	11.01			12.00
100		270	0	11.11			12.00
100	16QAM	1	1	11.10			12.00
100	64QAM	1	1	11.06			12.00
100	256QAM	1	1	10.59			11.50
Channel							
Frequency (MHz)				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	11.15	11.16	11.13	12.00
Channel							
Frequency (MHz)				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	11.01	11.09	11.01	12.00
Channel							
Frequency (MHz)				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	11.02	11.05	11.04	12.00
Channel							
Frequency (MHz)				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	11.14	11.10	11.11	12.00
Channel							
Frequency (MHz)				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	11.01	11.14	11.04	12.00
Channel							
Frequency (MHz)				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	11.11	11.12	11.10	12.00
Channel							
Frequency (MHz)				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	11.13	11.15	11.10	12.00
Channel							
Frequency (MHz)				630664	633332	635932	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	11.03	11.12	11.07	12.00
Channel							
Frequency (MHz)				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	11.05	11.15	11.07	12.00
Channel							
Frequency (MHz)				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	11.14	11.16	11.08	12.00
Channel							
Frequency (MHz)				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	11.12	11.03	11.02	12.00

<FR1 n77 (27Q)\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	11.11	11.15	11.13	12.00
100		1	137	11.01	11.11	11.01	12.00
100		1	271	10.99	11.10	11.04	12.00
100		135	0	10.98	11.06	10.97	12.00
100		135	69	11.05	11.13	10.97	12.00
100		135	138	11.04	11.12	10.95	12.00
100		270	0	10.96	11.08	10.95	12.00
100		1	1	10.91	11.10	10.96	12.00
100		1	137	10.89	11.02	10.87	12.00
100		1	271	10.90	11.03	10.98	12.00
100	QPSK	135	0	10.94	11.09	10.93	12.00
100		135	69	11.01	11.08	11.00	12.00
100		135	138	10.93	11.05	10.89	12.00
100		270	0	10.90	11.02	10.85	12.00
100	16QAM	1	1	10.89	11.00	10.92	12.00
100	64QAM	1	1	10.86	11.03	10.94	12.00
100	256QAM	1	1	10.46	10.61	10.50	11.50
Channel							
Frequency (MHz)				649668	656000	662332	
Frequency (MHz)				3745.02	3840	3934.98	
90	Pi/2 BPSK	1	1	11.08	11.01	10.99	12.00
Channel							
Frequency (MHz)				649334	656000	662666	
Frequency (MHz)				3740.01	3840	3939.99	
80	Pi/2 BPSK	1	1	11.00	11.13	11.08	12.00
Channel							
Frequency (MHz)				649000	656000	663000	
Frequency (MHz)				3735	3840	3945	
70	Pi/2 BPSK	1	1	11.06	11.03	11.07	12.00
Channel							
Frequency (MHz)				648668	656000	663332	
Frequency (MHz)				3730.02	3840	3949.98	
60	Pi/2 BPSK	1	1	10.98	11.08	11.09	12.00
Channel							
Frequency (MHz)				648334	656000	663666	
Frequency (MHz)				3725.01	3840	3954.99	
50	Pi/2 BPSK	1	1	11.02	11.01	10.98	12.00
Channel							
Frequency (MHz)				648000	656000	664000	
Frequency (MHz)				3720	3840	3960	
40	Pi/2 BPSK	1	1	10.99	11.08	11.07	12.00
Channel							
Frequency (MHz)				647668	656000	664332	
Frequency (MHz)				3715.02	3840	3964.98	
30	Pi/2 BPSK	1	1	11.04	11.10	11.00	12.00
Channel							
Frequency (MHz)				647334	656000	664666	
Frequency (MHz)				3710.01	3840	3969.99	
25	Pi/2 BPSK	1	1	11.00	11.02	11.07	12.00
Channel							
Frequency (MHz)				647000	656000	665000	
Frequency (MHz)				3705	3840	3975	
20	Pi/2 BPSK	1	1	10.97	11.02	11.04	12.00
Channel							
Frequency (MHz)				646668	656000	665332	
Frequency (MHz)				3700.01	3840	3979.99	
15	Pi/2 BPSK	1	1	10.97	11.03	11.07	12.00
Channel							
Frequency (MHz)				647000	656000	665000	
Frequency (MHz)				3705	3840	3975	
10	Pi/2 BPSK	1	1	11.09	11.13	11.10	12.00



<FR1 n77&n78 Part96\_Ant\_0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	11.11	11.12	11.05	12.00
100		1	137	10.95	11.06	10.99	12.00
100		1	271	10.95	11.07	10.95	12.00
100		135	0	10.92	11.04	10.93	12.00
100		135	69	11.06	11.11	10.99	12.00
100		135	138	11.05	11.10	10.91	12.00
100		270	0	10.91	11.01	10.89	12.00
100		1	1	10.83	11.12	10.95	12.00
100		1	137	10.82	11.03	10.80	12.00
100		1	271	10.91	11.00	11.00	12.00
100	QPSK	135	0	10.95	11.06	10.91	12.00
100		135	69	10.98	11.04	10.91	12.00
100		135	138	10.94	11.04	10.91	12.00
100		270	0	10.90	10.98	10.75	12.00
100	16QAM	1	1	10.88	10.98	10.85	12.00
100	64QAM	1	1	10.81	10.96	10.85	12.00
100	256QAM	1	1	10.41	10.63	10.49	11.50
Channel				639668	641666	643666	
Frequency (MHz)				3596.02	3624.99	3654.99	
90	Pi/2 BPSK	1	1	11.09	11.05	10.99	12.00
Channel				639334	641666	644000	
Frequency (MHz)				3590.01	3624.99	3660	
80	Pi/2 BPSK	1	1	11.11	11.03	10.96	12.00
Channel				639000	641666	644332	
Frequency (MHz)				3585	3624.99	3664.98	
70	Pi/2 BPSK	1	1	11.01	11.12	11.00	12.00
Channel				638666	641666	644666	
Frequency (MHz)				3580.02	3624.99	3669.99	
60	Pi/2 BPSK	1	1	11.09	11.05	10.99	12.00
Channel				638334	641666	645000	
Frequency (MHz)				3575.01	3624.99	3675	
50	Pi/2 BPSK	1	1	11.09	11.05	10.99	12.00
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	Pi/2 BPSK	1	1	11.10	11.09	11.02	12.00
Channel				637666	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	11.07	11.05	11.01	12.00
Channel				647500	641666	645933	
Frequency (MHz)				3562.5	3624.99	3687.495	
25	Pi/2 BPSK	1	1	11.08	11.06	10.98	12.00
Channel				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	Pi/2 BPSK	1	1	11.02	11.12	10.98	12.00
Channel				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	11.03	11.08	11.04	12.00
Channel				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	Pi/2 BPSK	1	1	11.05	11.06	11.01	12.00

<FR1 n78 (27Q)\_Ant\_0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	Pi/2 BPSK	1	1		11.11		12.00
100		1	137		11.06		12.00
100		1	271		11.08		12.00
100		135	0		11.02		12.00
100		135	69		11.16		12.00
100		135	138		11.03		12.00
100		270	0		11.06		12.00
100		1	1		10.98		12.00
100		1	137		10.95		12.00
100		1	271		10.99		12.00
100	QPSK	135	0		11.06		12.00
100		135	69		11.09		12.00
100		135	138		11.04		12.00
100		270	0		11.03		12.00
100	16QAM	1	1		11.01		12.00
100	64QAM	1	1		11.05		12.00
100	256QAM	1	1		10.58		11.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	11.05	11.08	11.03	12.00
Channel				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	10.90	11.05	11.01	12.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	10.92	10.94	11.00	12.00
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	10.99	10.99	10.92	12.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	10.98	10.98	10.98	12.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	10.99	10.96	11.01	12.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	11.02	11.05	10.93	12.00
Channel				630666	633332	636000	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	10.93	10.94	10.96	12.00
Channel				630334	633332	636332	
Frequency (MHz)				3457.5	3499.98	3542.49	
20	Pi/2 BPSK	1	1	11.02	11.06	10.94	12.00
Channel				630000	633332	636666	
Frequency (MHz)				3452.5	3499.98	3547.5	
15	Pi/2 BPSK	1	1	11.03	11.06	10.88	12.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	11.00	10.96	10.94	12.00

<FR1 n78 (270)\_Ant 0\_Sensor on>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				650000				
Frequency (MHz)				3750				
100	Pi2 BPSK	1	1	11.10			12.00	
100		1	137	11.01			12.00	
100		1	271	11.03			12.00	
100		135	0	11.05			12.00	
100		135	69	11.06			12.00	
100		135	138	11.03			12.00	
100		270	0	11.02			12.00	
100		1	1	10.95			12.00	
100		1	137	10.93			12.00	
100		1	271	10.98			12.00	
100	QPSK	135	0	10.94			12.00	
100		135	69	10.93			12.00	
100		135	138	10.95			12.00	
100		270	0	10.97			12.00	
100		16QAM	1	1	10.99			12.00
100		64QAM	1	1	10.95			12.00
100	256QAM	1	1	10.52			11.50	
Channel				649668	650000	650332		
Frequency (MHz)				3745.02	3750	3754.98		
90	Pi2 BPSK	1	1	11.04	11.06	11.03	12.00	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3750	3759.99		
80	Pi2 BPSK	1	1	10.96	10.92	10.99	12.00	
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	Pi2 BPSK	1	1	10.95	10.92	10.92	12.00	
Channel				648666	650000	651332		
Frequency (MHz)				3730.02	3750	3769.98		
60	Pi2 BPSK	1	1	10.95	10.93	10.95	12.00	
Channel				648334	650000	651666		
Frequency (MHz)				3725.01	3750	3774.99		
50	Pi2 BPSK	1	1	11.03	10.94	10.91	12.00	
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	Pi2 BPSK	1	1	10.91	11.00	11.00	12.00	
Channel				647668	650000	652332		
Frequency (MHz)				3715.02	3750	3784.98		
30	Pi2 BPSK	1	1	11.01	10.98	10.91	12.00	
Channel				647334	650000	652500		
Frequency (MHz)				3712.5	3750	3787.5		
25	Pi2 BPSK	1	1	10.93	11.00	10.91	12.00	
Channel				647000	650000	652666		
Frequency (MHz)				3710.01	3750	3789.99		
20	Pi2 BPSK	1	1	11.02	11.03	11.01	12.00	
Channel				647168	650000	652832		
Frequency (MHz)				3707.52	3750	3792.48		
15	Pi2 BPSK	1	1	10.96	10.96	10.97	12.00	
Channel				647000	650000	653000		
Frequency (MHz)				3705	3750	3795		
10	Pi2 BPSK	1	1	10.98	11.00	10.94	12.00	

<FR1 n77 (27Q)\_Ant 2\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
100	Pi/2 BPSK	1	1	8.85	8.85	8.85	10.00
100		1	137	8.81	8.81	8.81	10.00
100		1	271	8.78	8.78	8.78	10.00
100		135	0	8.79	8.79	8.79	10.00
100		135	69	8.83	8.83	8.83	10.00
100		135	138	8.81	8.81	8.81	10.00
100		270	0	8.78	8.78	8.78	10.00
100		1	1	8.71	8.71	8.71	10.00
100		1	137	8.75	8.75	8.75	10.00
100		1	271	8.72	8.72	8.72	10.00
100	QPSK	135	0	8.71	8.71	8.71	10.00
100		135	69	8.74	8.74	8.74	10.00
100		135	138	8.66	8.66	8.66	10.00
100		270	0	8.69	8.69	8.69	10.00
100	16QAM	1	1	8.75	8.75	8.75	10.00
100	64QAM	1	1	8.73	8.73	8.73	10.00
100	256QAM	1	1	8.78	8.78	8.78	10.00
Channel							
Frequency (MHz)							
90	Pi/2 BPSK	1	1	633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.99	10.00
Channel							
Frequency (MHz)							
80	Pi/2 BPSK	1	1	632968	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	10.00
Channel							
Frequency (MHz)							
70	Pi/2 BPSK	1	1	632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	10.00
Channel							
Frequency (MHz)							
60	Pi/2 BPSK	1	1	632000	633332	634000	Tune-up Limit (dBm)
				3480	3499.98	3519.99	10.00
Channel							
Frequency (MHz)							
50	Pi/2 BPSK	1	1	631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	10.00
Channel							
Frequency (MHz)							
40	Pi/2 BPSK	1	1	631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	10.00
Channel							
Frequency (MHz)							
30	Pi/2 BPSK	1	1	631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	10.00
Channel							
Frequency (MHz)							
25	Pi/2 BPSK	1	1	630668	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	10.00
Channel							
Frequency (MHz)							
20	Pi/2 BPSK	1	1	630334	633332	636332	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	10.00
Channel							
Frequency (MHz)							
15	Pi/2 BPSK	1	1	630000	633332	636666	Tune-up Limit (dBm)
				3452.5	3499.98	3547.48	10.00
Channel							
Frequency (MHz)							
10	Pi/2 BPSK	1	1	629668	633332	637000	Tune-up Limit (dBm)
				3447.5	3499.98	3552.47	10.00

<FR1 n77 (27Q)\_Ant 2\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
100	Pi/2 BPSK	1	1	8.78	8.80	8.75	10.00
100		1	137	8.84	8.71	8.55	10.00
100		1	271	8.85	8.73	8.56	10.00
100		135	0	8.82	8.75	8.66	10.00
100		135	69	8.87	8.78	8.69	10.00
100		135	138	8.60	8.69	8.61	10.00
100		270	0	8.55	8.66	8.52	10.00
100		1	1	8.50	8.81	8.52	10.00
100		1	137	8.49	8.83	8.57	10.00
100		1	271	8.57	8.84	8.47	10.00
100	QPSK	135	0	8.55	8.72	8.58	10.00
100		135	69	8.68	8.76	8.58	10.00
100		135	138	8.61	8.74	8.59	10.00
100		270	0	8.66	8.75	8.63	10.00
100	16QAM	1	1	8.65	8.71	8.56	10.00
100	64QAM	1	1	8.61	8.67	8.49	10.00
100	256QAM	1	1	8.55	8.68	8.52	10.00
Channel							
Frequency (MHz)							
90	Pi/2 BPSK	1	1	649868	650000	650332	Tune-up Limit (dBm)
				3745.02	3840	3934.98	10.00
Channel							
Frequency (MHz)							
80	Pi/2 BPSK	1	1	649334	650000	650666	Tune-up Limit (dBm)
				3740.01	3840	3939.99	10.00
Channel							
Frequency (MHz)							
70	Pi/2 BPSK	1	1	649000	650000	650000	Tune-up Limit (dBm)
				3735	3840	3945	10.00
Channel							
Frequency (MHz)							
60	Pi/2 BPSK	1	1	648666	650000	650332	Tune-up Limit (dBm)
				3730.02	3840	3949.98	10.00
Channel							
Frequency (MHz)							
50	Pi/2 BPSK	1	1	648334	650000	650666	Tune-up Limit (dBm)
				3725.01	3840	3954.99	10.00
Channel							
Frequency (MHz)							
40	Pi/2 BPSK	1	1	648000	650000	651000	Tune-up Limit (dBm)
				3720	3840	3960	10.00
Channel							
Frequency (MHz)							
30	Pi/2 BPSK	1	1	647668	650000	651332	Tune-up Limit (dBm)
				3715.02	3840	3964.98	10.00
Channel							
Frequency (MHz)							
25	Pi/2 BPSK	1	1	647334	650000	651666	Tune-up Limit (dBm)
				3712.5	3840	3967.5	10.00
Channel							
Frequency (MHz)							
20	Pi/2 BPSK	1	1	647000	650000	652000	Tune-up Limit (dBm)
				3710.01	3840	3969.99	10.00
Channel							
Frequency (MHz)							
15	Pi/2 BPSK	1	1	646668	650000	652332	Tune-up Limit (dBm)
				3707.52	3840	3972.48	10.00
Channel							
Frequency (MHz)							
10	Pi/2 BPSK	1	1	646334	650000	652666	Tune-up Limit (dBm)
				3705	3840	3975	10.00

<FR1 n77&n78 Part96\_Ant 2\_Sensor on>

Channel	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	Pi/2 BPSK	1	1	8.94	8.75	8.67	10.00
100		1	137	8.43	8.61	8.47	10.00
100		1	271	8.50	8.61	8.42	10.00
100		135	0	8.50	8.65	8.52	10.00
100		135	69	8.81	8.72	8.58	10.00
100		135	138	8.48	8.55	8.55	10.00
100		270	0	8.43	8.50	8.46	10.00
100		1	1	8.43	8.54	8.38	10.00
100		1	137	8.42	8.56	8.50	10.00
100		1	271	8.49	8.50	8.35	10.00
100	QPSK	135	0	8.46	8.61	8.47	10.00
100		135	69	8.60	8.60	8.44	10.00
100		135	138	8.53	8.61	8.50	10.00
100		270	0	8.51	8.70	8.51	10.00
100	16QAM	1	1	8.58	8.60	8.44	10.00
100	64QAM	1	1	8.35	8.56	8.33	10.00
100	256QAM	1	1	8.46	8.60	8.43	10.00
Channel							
Frequency (MHz)				639669	641666	643996	
Frequency (MHz)				3296.02	3624.99	3654.99	
90	Pi/2 BPSK	1	1	8.57	8.67	8.57	10.00
Channel							
Frequency (MHz)				639334	641666	644000	
Frequency (MHz)				3590.01	3624.99	3690	
80	Pi/2 BPSK	1	1	8.54	8.68	8.55	10.00
Channel							
Frequency (MHz)				639000	641666	644332	
Frequency (MHz)				3685	3624.99	3684.98	
70	Pi/2 BPSK	1	1	8.53	8.61	8.57	10.00
Channel							
Frequency (MHz)				638668	641666	644666	
Frequency (MHz)				3580.02	3624.99	3689.99	
60	Pi/2 BPSK	1	1	8.50	8.60	8.64	10.00
Channel							
Frequency (MHz)				638334	641666	645000	
Frequency (MHz)				3575.01	3624.99	3675	
50	Pi/2 BPSK	1	1	8.54	8.66	8.56	10.00
Channel							
Frequency (MHz)				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3670.98	
40	Pi/2 BPSK	1	1	8.54	8.67	8.69	10.00
Channel							
Frequency (MHz)				637668	641666	645666	
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	8.55	8.62	8.56	10.00
Channel							
Frequency (MHz)				647500	641666	645833	
Frequency (MHz)				3662.5	3624.99	3687.495	
25	Pi/2 BPSK	1	1	8.55	8.68	8.57	10.00
Channel							
Frequency (MHz)				637334	641666	646000	
Frequency (MHz)				3560.01	3624.99	3690	
20	Pi/2 BPSK	1	1	8.54	8.70	8.64	10.00
Channel							
Frequency (MHz)				637168	641666	646166	
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	8.49	8.60	8.64	10.00
Channel							
Frequency (MHz)				637000	641666	646332	
Frequency (MHz)				3555	3624.99	3694.98	
10	Pi/2 BPSK	1	1	8.58	8.64	8.55	10.00

<FR1 n78 (27Q)\_Ant 2\_Sensor on>

Channel	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)					633332		
Frequency (MHz)					3499.98		
100	Pi/2 BPSK	1	1		8.75		10.00
100		1	137		8.71		10.00
100		1	271		8.68		10.00
100		135	0		8.69		10.00
100		135	69		8.73		10.00
100		135	138		8.70		10.00
100		270	0		8.65		10.00
100		1	1		8.68		10.00
100		1	137		8.61		10.00
100		1	271		8.63		10.00
100	QPSK	135	0		8.64		10.00
100		135	69		8.68		10.00
100		135	138		8.62		10.00
100		270	0		8.61		10.00
100	16QAM	1	1		8.66		10.00
100	64QAM	1	1		8.63		10.00
100	256QAM	1	1		8.62		10.00
Channel							
Frequency (MHz)				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	8.69	8.70	8.68	10.00
Channel							
Frequency (MHz)				632668	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	8.66	8.61	8.57	10.00
Channel							
Frequency (MHz)				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	8.62	8.67	8.52	10.00
Channel							
Frequency (MHz)				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	8.55	8.66	8.51	10.00
Channel							
Frequency (MHz)				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	8.65	8.57	8.54	10.00
Channel							
Frequency (MHz)				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	8.59	8.69	8.51	10.00
Channel							
Frequency (MHz)				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	8.59	8.56	8.60	10.00
Channel							
Frequency (MHz)				630634	633332	635932	
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	8.55	8.63	8.60	10.00
Channel							
Frequency (MHz)				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	8.57	8.68	8.63	10.00
Channel							
Frequency (MHz)				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	8.58	8.65	8.53	10.00
Channel							
Frequency (MHz)				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	8.68	8.67	8.55	10.00

<FR1 n78 (270)\_Ant 2\_Sensor on>

Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	8.73			10.00
100		1	137	8.86			10.00
100		1	271	8.88			10.00
100		135	0	8.89			10.00
100		135	89	8.70			10.00
100		135	138	8.61			10.00
100		270	0	8.65			10.00
100	QPSK	1	1	8.83			10.00
100		1	137	8.58			10.00
100		1	271	8.59			10.00
100		135	0	8.54			10.00
100		135	69	8.55			10.00
100		135	138	8.68			10.00
100		270	0	8.61			10.00
100	16QAM	1	1	8.63			10.00
100	64QAM	1	1	8.65			10.00
100	256QAM	1	1	8.69			10.00
Channel				649868	650000	650332	
Frequency (MHz)				3748.02	3750	3764.98	Tune-up Limit (dBm)
90	PI2 BPSK	1	1	8.68	8.70	8.61	10.00
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3769.99	Tune-up Limit (dBm)
80	PI2 BPSK	1	1	8.61	8.55	8.51	10.00
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)
70	PI2 BPSK	1	1	8.53	8.64	8.51	10.00
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	Tune-up Limit (dBm)
60	PI2 BPSK	1	1	8.57	8.56	8.53	10.00
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)
50	PI2 BPSK	1	1	8.58	8.62	8.52	10.00
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	Tune-up Limit (dBm)
40	PI2 BPSK	1	1	8.55	8.55	8.52	10.00
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	Tune-up Limit (dBm)
30	PI2 BPSK	1	1	8.52	8.85	8.58	10.00
Channel				647500	650000	652500	
Frequency (MHz)				3712.5	3750	3787.5	Tune-up Limit (dBm)
25	PI2 BPSK	1	1	8.60	8.58	8.51	10.00
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)
20	PI2 BPSK	1	1	8.61	8.64	8.54	10.00
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	Tune-up Limit (dBm)
15	PI2 BPSK	1	1	8.59	8.63	8.51	10.00
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)
10	PI2 BPSK	1	1	8.58	8.60	8.60	10.00



<FR1 n41\_Ant 3\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				2546.01	2592.89	2640	
100	Pi/2 BPSK	1	1	11.20	11.21	11.18	12.50
100		1	137	11.06	11.10	11.30	12.50
100		1	271	11.00	11.11	11.05	12.50
100		135	0	11.14	11.18	11.10	12.50
100		135	69	11.12	11.19	11.07	12.50
100		135	138	11.05	11.13	11.02	12.50
100		270	0	11.09	11.14	10.97	12.50
100		1	1	10.97	11.09	10.98	12.50
100		1	137	10.97	11.05	10.97	12.50
100		1	271	10.99	11.08	10.95	12.50
100	QPSK	135	0	10.92	11.06	11.01	12.50
100		135	69	11.00	11.11	11.04	12.50
100		135	138	10.97	11.13	11.00	12.50
100		270	0	10.98	11.06	11.03	12.50
100	16QAM	1	1	11.10	11.12	11.07	12.50
100	64QAM	1	1	11.03	11.08	10.95	12.50
100	256QAM	1	1	10.91	11.05	10.91	12.50
Channel							
Frequency (MHz)				5020.00	5185.98	5350.96	
90	Pi/2 BPSK	1	1	11.16	11.08	11.07	12.50
Channel				5022.04	5185.98	5299.98	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	11.16	11.16	11.16	12.50
Channel							
Frequency (MHz)				5020.02	5185.98	5310.00	
70	Pi/2 BPSK	1	1	11.16	11.13	11.12	12.50
Channel							
Frequency (MHz)				5020.00	5185.98	5319.96	
60	Pi/2 BPSK	1	1	11.11	11.18	11.04	12.50
Channel							
Frequency (MHz)				5042.04	5185.98	5329.98	
50	Pi/2 BPSK	1	1	11.16	11.19	11.14	12.50
Channel							
Frequency (MHz)				5037.00	5185.98	5334.96	
45	Pi/2 BPSK	1	1	11.07	11.12	11.07	12.50
Channel							
Frequency (MHz)				5032.02	5185.98	5340.00	
40	Pi/2 BPSK	1	1	11.15	11.10	11.03	12.50
Channel							
Frequency (MHz)				5027.04	5185.98	5344.98	
35	Pi/2 BPSK	1	1	11.14	11.18	11.14	12.50
Channel							
Frequency (MHz)				5022.00	5185.98	5349.96	
30	Pi/2 BPSK	1	1	11.09	11.19	11.13	12.50
Channel							
Frequency (MHz)				5017.02	5185.98	5355.00	
25	Pi/2 BPSK	1	1	11.15	11.08	11.14	12.50
Channel							
Frequency (MHz)				5012.04	5185.98	5359.98	
20	Pi/2 BPSK	1	1	11.10	11.15	11.11	12.50
Channel							
Frequency (MHz)				5007.00	5185.98	5364.96	
15	Pi/2 BPSK	1	1	11.13	11.19	11.14	12.50
Channel							
Frequency (MHz)				5002.02	5185.98	5370.00	
10	Pi/2 BPSK	1	1	11.08	11.09	11.10	12.50
Channel							
Frequency (MHz)				2501.01	2592.99	2685	

<FR1 n77 (27Q)\_Ant 3\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)					6333.32		
100	Pi/2 BPSK	1	1		3499.98		11.00
100		1	137		10.25		11.00
100		1	271		10.14		11.00
100		135	0		10.16		11.00
100		135	69		10.21		11.00
100		135	138		10.11		11.00
100		270	0		10.13		11.00
100		1	1		10.06		11.00
100		1	137		10.09		11.00
100		1	271		10.02		11.00
100	QPSK	135	0		10.05		11.00
100		135	69		10.08		11.00
100		135	138		10.14		11.00
100		270	0		10.16		11.00
100	16QAM	1	1		10.12		11.00
100	64QAM	1	1		10.10		11.00
100	256QAM	1	1		10.08		11.00
Channel							
Frequency (MHz)				6330.00	6333.32	6336.68	
90	Pi/2 BPSK	1	1	10.18	10.20	10.16	11.00
Channel							
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	10.14	10.16	10.05	11.00
Channel							
Frequency (MHz)				6323.34	6333.32	6343.32	
70	Pi/2 BPSK	1	1	10.07	10.08	10.04	11.00
Channel							
Frequency (MHz)				6320.00	6333.32	6346.66	
60	Pi/2 BPSK	1	1	10.09	10.09	10.14	11.00
Channel							
Frequency (MHz)				6316.68	6333.32	6350.00	
50	Pi/2 BPSK	1	1	10.11	10.13	10.13	11.00
Channel							
Frequency (MHz)				6313.34	6333.32	6353.32	
40	Pi/2 BPSK	1	1	10.15	10.14	10.13	11.00
Channel							
Frequency (MHz)				6310.00	6333.32	6356.66	
30	Pi/2 BPSK	1	1	10.16	10.18	10.14	11.00
Channel							
Frequency (MHz)				6306.68	6333.32	6359.98	
25	Pi/2 BPSK	1	1	10.03	10.05	10.02	11.00
Channel							
Frequency (MHz)				6303.34	6333.32	6363.32	
20	Pi/2 BPSK	1	1	10.09	10.14	10.40	11.00
Channel							
Frequency (MHz)				6300.00	6333.32	6366.66	
15	Pi/2 BPSK	1	1	10.05	10.12	10.08	11.00
Channel							
Frequency (MHz)				6295.01	6333.32	6369.98	
10	Pi/2 BPSK	1	1	10.08	10.17	10.03	11.00
Channel							
Frequency (MHz)							

<FR1 n77 (270)\_Ant 3\_Sensor on>

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel	650000	650000	662000	
Frequency (MHz)	3750	3840	3930	
100	10.15	10.16	10.18	11.00
100	10.07	10.11	10.01	11.00
100	9.96	10.08	9.92	11.00
100	135	0	9.96	10.15
100	135	69	10.03	10.16
100	135	138	9.96	10.08
100	270	0	9.98	10.05
100	1	1	9.93	10.01
100	1	137	9.99	10.03
100	1	271	9.92	10.04
100	135	0	10.03	10.09
100	135	69	10.03	10.13
100	135	138	10.02	10.12
100	270	0	10.03	10.11
100	16QAM	1	10.05	10.10
100	64QAM	1	9.96	10.08
100	256QAM	1	9.96	10.05
Channel	648668	650000	652332	
Frequency (MHz)	3745.02	3840	3934.98	
90	10.08	10.04	10.00	11.00
Channel	649334	650000	652666	
Frequency (MHz)	3740.01	3840	3939.99	
80	10.12	10.11	10.02	11.00
Channel	649000	650000	663000	
Frequency (MHz)	3735	3840	3945	
70	10.00	10.14	10.11	11.00
Channel	648668	650000	663332	
Frequency (MHz)	3730.02	3840	3949.98	
60	10.13	10.13	10.03	11.00
Channel	648334	650000	663666	
Frequency (MHz)	3725.01	3840	3954.99	
50	10.06	10.07	10.07	11.00
Channel	648000	650000	664000	
Frequency (MHz)	3720	3840	3960	
40	10.13	10.12	10.06	11.00
Channel	647668	650000	664332	
Frequency (MHz)	3715.02	3840	3964.98	
30	10.10	10.04	10.11	11.00
Channel	647500	650000	664500	
Frequency (MHz)	3712.5	3840	3967.5	
25	10.09	10.16	9.99	11.00
Channel	647334	650000	664666	
Frequency (MHz)	3710.01	3840	3969.99	
20	10.08	10.06	10.10	11.00
Channel	647168	650000	664832	
Frequency (MHz)	3707.52	3840	3972.48	
15	10.04	10.16	10.01	11.00
Channel	647000	650000	665000	
Frequency (MHz)	3705	3840	3975	
10	10.14	10.17	10.04	11.00

<FR1 n77&n78 Part9e\_Ant 3\_Sensor on>

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel	640000	641666	643332	
Frequency (MHz)	3690	3624.99	3649.98	
100	10.11	10.12	10.08	11.00
100	1	137	9.98	9.96
100	1	271	9.88	10.01
100	135	0	9.95	10.09
100	135	69	9.92	10.11
100	135	138	9.91	9.94
100	270	0	9.93	9.93
100	1	1	9.87	9.87
100	1	137	9.91	9.90
100	1	271	9.85	9.96
100	135	0	9.92	10.02
100	135	69	9.93	10.07
100	135	138	9.93	10.04
100	270	0	9.88	9.99
100	16QAM	1	9.97	10.01
100	64QAM	1	9.82	9.99
100	256QAM	1	9.82	9.71
Channel	639668	641666	643666	
Frequency (MHz)	3686.02	3624.99	3654.99	
90	9.95	9.92	9.91	11.00
Channel	639334	641666	644000	
Frequency (MHz)	3690.01	3624.99	3660	
80	9.99	9.99	9.90	11.00
Channel	639000	641666	644332	
Frequency (MHz)	3685	3624.99	3664.98	
70	10.01	9.98	9.95	11.00
Channel	638668	641666	644666	
Frequency (MHz)	3680.02	3624.99	3669.99	
60	9.97	9.95	9.95	11.00
Channel	638334	641666	645000	
Frequency (MHz)	3675.01	3624.99	3675	
50	9.92	9.99	9.96	11.00
Channel	638000	641666	645332	
Frequency (MHz)	3670	3624.99	3679.98	
40	9.97	9.93	9.92	11.00
Channel	637668	641666	645666	
Frequency (MHz)	3665.02	3624.99	3684.99	
30	10.01	9.94	9.96	11.00
Channel	647500	641666	645933	
Frequency (MHz)	3562.5	3624.99	3687.495	
25	9.97	9.97	9.91	11.00
Channel	637334	641666	646000	
Frequency (MHz)	3660.01	3624.99	3690	
20	10.03	9.96	9.92	11.00
Channel	637168	641666	646166	
Frequency (MHz)	3557.52	3624.99	3692.49	
15	9.96	9.91	9.94	11.00
Channel	637000	641666	646332	
Frequency (MHz)	3555	3624.99	3694.98	
10	10.00	9.97	9.91	11.00

<FR1 n78 (27Q)\_Ant 3\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1	3499.98	10.95		11.00
100		1	137	10.11	11.00		11.00
100		1	271	10.10	11.00		11.00
100		135	0	10.06	11.00		11.00
100		135	69	10.13	11.00		11.00
100		135	138	10.09	11.00		11.00
100		270	0	10.07	11.00		11.00
100		1	1	10.05	11.00		11.00
100		1	137	10.06	11.00		11.00
100		1	271	10.03	11.00		11.00
100	QPSK	135	0	10.04	11.00		11.00
100		135	69	10.09	11.00		11.00
100		135	138	10.10	11.00		11.00
100		270	0	10.05	11.00		11.00
100	16QAM	1	1	9.95	11.00		11.00
100	64QAM	1	1	10.02	11.00		11.00
100	256QAM	1	1	9.98	11.00		11.00
Channel							
Frequency (MHz)							
90	PI2 BPSK	1	1	633000	633332	633666	Tune-up Limit (dBm)
					3485	3499.98	3504.99
Channel							
Frequency (MHz)							
80	PI2 BPSK	1	1	632668	633332	634000	Tune-up Limit (dBm)
					3490.02	3499.98	3510
Channel							
Frequency (MHz)							
70	PI2 BPSK	1	1	632334	633332	634332	Tune-up Limit (dBm)
					3485.01	3499.98	3514.98
Channel							
Frequency (MHz)							
60	PI2 BPSK	1	1	632000	633332	634666	Tune-up Limit (dBm)
					3480	3499.98	3519.99
Channel							
Frequency (MHz)							
50	PI2 BPSK	1	1	631668	633332	635000	Tune-up Limit (dBm)
					3475.02	3499.98	3525
Channel							
Frequency (MHz)							
40	PI2 BPSK	1	1	631334	633332	635332	Tune-up Limit (dBm)
					3470.01	3499.98	3530.98
Channel							
Frequency (MHz)							
30	PI2 BPSK	1	1	631000	633332	635666	Tune-up Limit (dBm)
					3465	3499.98	3534.99
Channel							
Frequency (MHz)							
25	PI2 BPSK	1	1	630668	633332	636000	Tune-up Limit (dBm)
					3462.51	3499.98	3537.48
Channel							
Frequency (MHz)							
20	PI2 BPSK	1	1	630334	633332	636332	Tune-up Limit (dBm)
					3457.5	3499.98	3542.49
Channel							
Frequency (MHz)							
15	PI2 BPSK	1	1	630000	633332	636666	Tune-up Limit (dBm)
					3452.5	3499.98	3547.48
Channel							
Frequency (MHz)							
10	PI2 BPSK	1	1	629668	633332	637000	Tune-up Limit (dBm)
					3447.5	3499.98	3552.47

<FR1 n78 (27Q)\_Ant 3\_Sensor on>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1	3750	10.13		11.00
100		1	137	10.05	11.00		11.00
100		1	271	10.09	11.00		11.00
100		135	0	10.11	11.00		11.00
100		135	69	10.12	11.00		11.00
100		135	138	10.08	11.00		11.00
100		270	0	10.04	11.00		11.00
100		1	1	10.06	11.00		11.00
100		1	137	10.01	11.00		11.00
100		1	271	10.03	11.00		11.00
100	QPSK	135	0	10.02	11.00		11.00
100		135	69	10.00	11.00		11.00
100		135	138	9.95	11.00		11.00
100		270	0	9.98	11.00		11.00
100	16QAM	1	1	9.93	11.00		11.00
100	64QAM	1	1	9.97	11.00		11.00
100	256QAM	1	1	9.93	11.00		11.00
Channel							
Frequency (MHz)							
90	PI2 BPSK	1	1	649888	650000	650332	Tune-up Limit (dBm)
					3745.02	3750	3754.98
Channel							
Frequency (MHz)							
80	PI2 BPSK	1	1	649334	650000	650666	Tune-up Limit (dBm)
					3740.01	3750	3759.99
Channel							
Frequency (MHz)							
70	PI2 BPSK	1	1	649000	650000	651000	Tune-up Limit (dBm)
					3735	3750	3765
Channel							
Frequency (MHz)							
60	PI2 BPSK	1	1	648668	650000	651332	Tune-up Limit (dBm)
					3730.02	3750	3769.98
Channel							
Frequency (MHz)							
50	PI2 BPSK	1	1	648334	650000	651666	Tune-up Limit (dBm)
					3725.01	3750	3774.99
Channel							
Frequency (MHz)							
40	PI2 BPSK	1	1	648000	650000	652000	Tune-up Limit (dBm)
					3720	3750	3780
Channel							
Frequency (MHz)							
30	PI2 BPSK	1	1	647668	650000	652332	Tune-up Limit (dBm)
					3715.02	3750	3784.98
Channel							
Frequency (MHz)							
25	PI2 BPSK	1	1	647334	650000	652666	Tune-up Limit (dBm)
					3710.01	3750	3789.99
Channel							
Frequency (MHz)							
20	PI2 BPSK	1	1	647000	650000	653000	Tune-up Limit (dBm)
					3705	3750	3795
Channel							
Frequency (MHz)							
15	PI2 BPSK	1	1	646668	650000	653332	Tune-up Limit (dBm)
					3700	3750	3800
Channel							
Frequency (MHz)							
10	PI2 BPSK	1	1	646334	650000	653666	Tune-up Limit (dBm)
					3695	3750	3805

<2.4GHz WLAN\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (mW)	Time-Us (min)	Duty Cycle (%)
802.11b 1Mbps	1	2412	18.91	20.90	100.00
	6	2437	18.24	20.90	100.00
	11	2462	18.12	20.90	100.00
802.11g 6Mbps	1	2412	14.80	18.50	97.48
	2	2417	17.90	18.50	97.48
	6	2437	18.89	20.90	97.48
	9	2452	18.30	20.90	97.48
	10	2457	18.40	17.50	97.48
	11	2462	15.20	18.00	97.48
802.11n-HT20 MCS0	1	2412	14.20	15.50	97.28
	2	2417	17.00	18.00	97.28
	9	2433	17.90	19.00	97.28
	6	2437	18.21	20.90	97.28
	9	2452	18.70	20.90	97.28
	10	2457	18.00	17.00	97.28
802.11n-HT40 MCS0	3	2429	18.70	18.00	94.92
	6	2437	18.72	18.00	94.92
	9	2452	18.35	18.00	94.92

<5.2GHz WLAN\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (mW)	Time-Us (min)	Duty Cycle (%)
802.11a 6Mbps	36	5180	18.67	20.00	97.48
	40	5200	18.72	20.00	97.48
	44	5220	18.73	20.00	97.48
802.11n-HT20 MCS0	48	5240	18.73	20.00	97.48
	36	5180	18.69	20.00	97.28
	40	5200	18.69	20.00	97.28
	44	5220	18.71	20.00	97.28
802.11n-HT40 MCS0	48	5240	18.73	20.00	97.28
	36	5180	15.36	16.50	94.68
802.11ac-VHT20 MCS0	46	5230	15.35	16.50	94.68
	36	5180	14.84	16.50	97.31
802.11ac-VHT20 MCS0	40	5200	14.92	16.50	97.31
	44	5220	15.01	16.50	97.31
	48	5240	15.01	16.50	97.31
802.11ac-VHT40 MCS0	38	5190	14.47	16.00	94.94
	46	5230	14.42	16.00	94.94
802.11ac-VHT80 MCS0	42	5210	14.96	16.00	95.92

<5.5GHz WLAN\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Time-Up Limt	Duty Cycle %
802.11a 6Mbps	52	5300	18.78	20.00	97.46
	56	5305	18.83	20.00	97.46
	60	5300	18.00	20.00	97.46
	64	5300	17.91	19.00	97.46
802.11a-HT20 MCS0	52	5300	18.69	20.00	97.28
	56	5305	18.65	20.00	97.28
	60	5300	18.65	20.00	97.28
	64	5305	17.20	18.00	97.28
802.11a-VHT20 MCS0	54	5270	15.34	15.00	94.68
	62	5310	15.45	15.00	94.68
802.11a-VHT40 MCS0	52	5300	15.02	15.00	97.31
	60	5305	15.00	15.00	97.31
	66	5305	15.01	15.00	97.31
	64	5300	14.97	15.00	97.31
802.11a-VHT40 MCS0	54	5270	14.47	15.00	94.94
802.11a-VHT40 MCS0	62	5310	14.44	15.00	94.94
802.11a-VHT80 MCS0	54	5270	13.48	14.00	90.32

<5.5GHz WLAN\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Time-Up Limt	Duty Cycle %
802.11a 6Mbps	100	5500	18.78	18.00	97.46
	116	5560	18.53	20.00	97.46
	124	5520	18.54	20.00	97.46
	132	5560	18.57	20.00	97.46
802.11a-HT20 MCS0	144	5720	18.58	20.00	97.46
	160	5580	17.90	19.00	97.28
	116	5580	18.55	20.00	97.28
	124	5520	18.63	20.00	97.28
802.11a-VHT20 MCS0	132	5560	18.65	20.00	97.28
	144	5720	18.84	20.00	97.28
	100	5510	14.75	14.00	94.68
	112	5530	14.59	15.00	94.68
802.11a-VHT40 MCS0	128	5560	14.90	15.00	94.68
	134	5670	15.05	15.00	94.68
	142	5710	14.50	15.00	94.68
	100	5500	14.65	15.00	97.31
802.11a-VHT80 MCS0	116	5580	14.71	15.00	97.31
	124	5520	14.72	15.00	97.31
	132	5560	14.78	15.00	97.31
	144	5720	14.79	15.00	97.31
802.11a-VHT40 MCS0	102	5510	13.59	15.00	94.94
	110	5550	13.87	15.00	94.94
	120	5530	13.81	15.00	94.94
	134	5670	13.87	15.00	94.94
802.11a-VHT80 MCS0	142	5710	13.88	15.00	94.94
	108	5530	13.57	15.00	90.32
	122	5610	13.66	15.00	90.32
	138	5690	13.62	15.00	90.32

<5.5GHz WLAN\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Time-Up Limt	Duty Cycle %
802.11a 6Mbps	140	5745	18.96	20.00	97.46
	157	5795	18.92	20.00	97.46
	165	5825	18.59	20.00	97.46
	140	5745	18.83	20.00	97.28
802.11a-HT20 MCS0	167	5785	18.81	20.00	97.28
	165	5825	18.53	20.00	97.28
802.11a-VHT40 MCS0	161	5795	15.04	15.00	94.68
	169	5795	15.06	15.00	94.68
802.11a-VHT20 MCS0	149	5745	14.80	15.00	97.31
	157	5785	14.87	15.00	97.31
802.11a-VHT40 MCS0	165	5825	14.83	15.00	97.31
	161	5795	13.91	15.00	94.94
802.11a-VHT80 MCS0	169	5795	13.97	15.00	94.94
	165	5795	13.77	15.00	90.32



<2.4GHz WLAN\_Ant 6\_Sensor on>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	9.89	11.00	100.00
	6	2437	9.77	11.00	100.00
	11	2462	9.73	11.00	100.00
802.11g 6Mbps	1	2412	Not Required	11.00	Not Required
	6	2437	Not Required	11.00	Not Required
	11	2462	Not Required	11.00	Not Required
802.11n-HT20 MCS0	6	2437	Not Required	11.00	Not Required
	11	2462	Not Required	11.00	Not Required
	3	2422	Not Required	11.00	Not Required
802.11n-HT40 MCS0	6	2437	Not Required	11.00	Not Required
	9	2453	Not Required	11.00	Not Required

<5.2GHz WLAN\_Ant 6\_Sensor on>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	6.00	Not Required
	40	5200	Not Required	6.00	Not Required
	44	5220	Not Required	6.00	Not Required
	48	5240	Not Required	6.00	Not Required
	52	5260	Not Required	6.00	Not Required
802.11n-HT20 MCS0	40	5200	Not Required	6.00	Not Required
	44	5220	Not Required	6.00	Not Required
	48	5240	Not Required	6.00	Not Required
	52	5260	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
802.11n-HT40 MCS0	36	5180	Not Required	6.00	Not Required
	48	5240	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
802.11ac-VHT20 MCS0	40	5200	Not Required	6.00	Not Required
	44	5220	Not Required	6.00	Not Required
	48	5240	Not Required	6.00	Not Required
	52	5260	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
802.11ac-VHT40 MCS0	36	5180	Not Required	6.00	Not Required
	48	5240	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
802.11ac-VHT80 MCS0	42	5210	9.29	6.00	90.32

<5.3GHz WLAN\_Ant 6\_Sensor on>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
	60	5300	Not Required	6.00	Not Required
	64	5320	Not Required	6.00	Not Required
	68	5340	Not Required	6.00	Not Required
802.11n-HT20 MCS0	52	5260	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
	60	5300	Not Required	6.00	Not Required
	64	5320	Not Required	6.00	Not Required
	68	5340	Not Required	6.00	Not Required
802.11n-HT40 MCS0	64	5320	Not Required	6.00	Not Required
	68	5340	Not Required	6.00	Not Required
	72	5360	Not Required	6.00	Not Required
802.11ac-VHT20 MCS0	52	5260	Not Required	6.00	Not Required
	56	5280	Not Required	6.00	Not Required
	60	5300	Not Required	6.00	Not Required
	64	5320	Not Required	6.00	Not Required
	68	5340	Not Required	6.00	Not Required
802.11ac-VHT40 MCS0	64	5320	Not Required	6.00	Not Required
	68	5340	Not Required	6.00	Not Required
	72	5360	Not Required	6.00	Not Required
802.11ac-VHT80 MCS0	68	5340	Not Required	6.00	Not Required
	72	5360	Not Required	6.00	Not Required
	76	5380	Not Required	6.00	Not Required
802.11ac-VHT80 MCS0	58	5290	9.19	6.00	90.32

<5.5GHz WLAN\_Ant 6\_Sensor on>

Mode	Channel	Frequency (MHz)	Average Power	Time-Up Limit	Duty Cycle (%)
802.11a 6Mbps	100	5500	Not Required	6.00	Not Required
	116	5580	Not Required	6.00	Not Required
	134	5660	Not Required	6.00	Not Required
	144	5720	Not Required	6.00	Not Required
	150	5760	Not Required	6.00	Not Required
802.11a-VHT20 MCS0	116	5580	Not Required	6.00	Not Required
	124	5600	Not Required	6.00	Not Required
	132	5660	Not Required	6.00	Not Required
	144	5720	Not Required	6.00	Not Required
	150	5760	Not Required	6.00	Not Required
802.11a-VHT40 MCS0	126	5630	Not Required	6.00	Not Required
	134	5670	Not Required	6.00	Not Required
	142	5710	Not Required	6.00	Not Required
	150	5750	Not Required	6.00	Not Required
	157	5810	Not Required	6.00	Not Required
802.11a-VHT20 MCS0	116	5580	Not Required	6.00	Not Required
	124	5600	Not Required	6.00	Not Required
	132	5660	Not Required	6.00	Not Required
	144	5720	Not Required	6.00	Not Required
	150	5760	Not Required	6.00	Not Required
802.11a-VHT40 MCS0	116	5580	Not Required	6.00	Not Required
	124	5600	Not Required	6.00	Not Required
	134	5670	Not Required	6.00	Not Required
	142	5710	Not Required	6.00	Not Required
	150	5750	Not Required	6.00	Not Required
802.11a-VHT80 MCS0	106	5530	4.79	6.00	90.32
	122	5615	4.85	6.00	90.32
	138	5695	4.79	6.00	90.32

<5.8GHz WLAN\_Ant 6\_Sensor on>

Mode	Channel	Frequency (MHz)	Average Power	Time-Up Limit	Duty Cycle (%)
802.11a 6Mbps	140	5745	Not Required	6.00	Not Required
	157	5795	Not Required	6.00	Not Required
	165	5825	Not Required	6.00	Not Required
802.11a-VHT20 MCS0	140	5745	Not Required	6.00	Not Required
	157	5795	Not Required	6.00	Not Required
	165	5825	Not Required	6.00	Not Required
802.11a-VHT40 MCS0	151	5795	Not Required	6.00	Not Required
	159	5795	Not Required	6.00	Not Required
	149	5745	Not Required	6.00	Not Required
802.11a-VHT20 MCS0	157	5795	Not Required	6.00	Not Required
	165	5825	Not Required	6.00	Not Required
	151	5795	Not Required	6.00	Not Required
802.11a-VHT40 MCS0	159	5795	Not Required	6.00	Not Required
	155	5775	4.81	6.00	90.32

<Bluetooth\_Ant 6\_Full Power>

Mode	Channel	Frequency (MHz)	Average Power (dBm)	Time-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	6.20	7.50	76.79
	39	2441	6.20	7.50	76.79
	78	2480	6.10	7.50	76.79
BR / EDR 2Mbps	0	2402	3.60	5.00	76.97
	39	2441	3.20	5.00	76.97
	78	2480	3.10	5.00	76.97
BR / EDR 3Mbps	0	2402	3.50	5.00	76.97
	39	2441	3.20	5.00	76.97
	78	2480	3.10	5.00	76.97
LE 1Mbps	0	2402	1.90	3.00	61.11
	19	2440	2.60	4.00	61.11
	39	2480	3.20	5.00	61.11
LE 2Mbps	1	2404	2.10	3.00	31.72
	19	2440	2.60	4.00	31.72
	39	2478	3.30	5.00	31.72
LE-125kpps	0	2402	2.00	3.00	62.46
	19	2440	2.70	4.00	62.46
	39	2480	3.20	4.00	62.46
LE-500kpps	0	2402	1.80	3.00	66.38
	19	2440	2.60	4.00	66.38
	39	2480	3.20	4.00	66.38