



Full & Default & DSI 4 Power_Main PA

GSM850 Ant 0							
GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	128	189	251		128	189	251
TX Channel	128	189	251	Limit	128	189	251
Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6
GSM 1 Tx slot	32.57	32.38	32.41	33.50	23.27	23.38	23.41
GPRS 1 Tx slots	32.26	32.37	32.41	33.50	23.26	23.37	23.41
GPRS 2 Tx slots	30.28	30.46	30.47	31.50	24.28	24.48	24.47
GPRS 3 Tx slots	28.42	28.48	28.58	29.50	24.16	24.22	24.32
GPRS 4 Tx slots	26.14	26.24	26.42	27.50	23.14	23.24	23.42
EDGE 1 Tx slot	24.70	24.98	24.77	26.00	19.70	19.98	19.77
EDGE 2 Tx slots	24.75	24.81	24.78	25.50	18.75	18.81	18.78
EDGE 3 Tx slots	23.82	23.78	23.87	25.00	18.86	18.82	18.81
EDGE 4 Tx slots	21.53	21.46	21.32	22.50	18.33	18.44	18.32

GSM1900 Ant 0							
GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		
	512	661	810		512	661	810
TX Channel	512	661	810	Limit	512	661	810
Frequency (MHz)	1850.2	1860	1869.8	(dBm)	1850.2	1860	1869.8
GSM 1 Tx slot	29.15	29.41	29.55	30.50	20.15	20.41	20.55
GPRS 1 Tx slot	28.43	28.34	28.50	30.50	20.13	20.34	20.50
GPRS 2 Tx slots	26.97	27.26	27.18	28.50	20.97	21.26	21.18
GPRS 3 Tx slots	25.30	25.45	25.68	28.50	21.04	21.22	21.42
GPRS 4 Tx slots	23.40	23.73	23.53	25.50	20.40	20.73	20.53
EDGE 1 Tx slot	25.21	24.94	24.72	26.00	18.21	18.94	18.72
EDGE 2 Tx slots	25.11	24.85	24.74	25.50	18.11	18.85	18.74
EDGE 3 Tx slots	23.35	23.01	22.86	24.00	18.09	18.75	18.60
EDGE 4 Tx slots	21.37	21.03	20.91	22.00	18.37	18.03	17.91

WCDMA											
Band	WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			WCDMA V Ant 0			
	9262	8400	9638		1312	1413	1513	4152	4182	4233	
TX Channel	9262	8400	9638	Limit	1312	1413	1513	Limit	4152	4182	4233
Frequency (MHz)	1824.4	1800	1827.6	(dBm)	1737	1836	1738	(dBm)	4357	4407	4456
3GPP Rel 99	AMR 12.2kTps	22.38	22.47	22.38	24.00	22.41	22.46	24.00	22.52	22.78	22.62
3GPP Rel 99	RM-C 12.2kTps	22.44	22.51	22.50	24.00	22.52	22.51	24.00	22.54	22.89	22.69
3GPP Rel 6	HSDPA Subtest-1	21.42	21.43	21.55	23.00	21.28	21.25	21.40	23.00	21.51	21.67
3GPP Rel 6	HSDPA Subtest-2	21.51	21.52	21.45	23.00	21.35	21.46	21.34	23.00	21.65	21.70
3GPP Rel 6	HSDPA Subtest-3	20.38	20.39	20.94	22.50	20.79	20.80	20.38	22.50	21.02	21.19
3GPP Rel 6	HSDPA Subtest-4	20.92	21.10	20.99	22.50	20.74	20.97	20.79	22.50	20.95	21.21
3GPP Rel 6	DCHSDPA Subtest-1	21.39	21.47	21.57	23.00	21.32	21.36	21.44	23.00	21.68	21.62
3GPP Rel 6	DCHSDPA Subtest-2	21.44	21.46	21.58	23.00	21.25	21.34	21.51	23.00	21.48	21.57
3GPP Rel 6	DCHSDPA Subtest-3	20.99	21.05	20.98	22.50	20.95	20.98	20.86	22.50	21.19	21.28
3GPP Rel 6	DCHSDPA Subtest-4	21.00	20.99	20.93	22.50	20.86	20.89	20.81	22.50	21.25	21.11
3GPP Rel 6	HS-UPA Subtest-1	21.45	21.49	21.48	23.00	21.40	21.39	21.31	23.00	21.78	21.69
3GPP Rel 6	HS-UPA Subtest-2	19.38	19.46	19.43	21.00	19.17	19.29	19.25	21.00	19.52	19.60
3GPP Rel 6	HS-UPA Subtest-3	20.49	20.42	20.41	22.00	20.44	20.35	20.20	22.00	20.66	20.69
3GPP Rel 6	HS-UPA Subtest-4	19.40	19.59	19.40	21.00	19.31	19.43	19.38	21.00	19.60	19.74
3GPP Rel 6	HS-UPA Subtest-5	21.50	21.44	21.57	23.00	21.31	21.30	21.36	23.00	21.68	21.58
3GPP Rel 7	HSPA+ (HSPA-M) Subtest-1	19.01	18.97	19.00	20.50	18.95	18.78	18.88	20.50	19.29	19.10



LTE Band 2 Ant0 Main_PA													
SP (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Time-sig. (µsec)	MPE (dB)					
Channel									Frequency (MHz)				
1800									1800				
20	QPSK	1	0	23.96	23.93	23.92							
20	QPSK	1	48	23.96	23.92	23.87	24	0					
20	QPSK	50	0	23.96	23.93	23.92							
20	QPSK	50	48	23.96	23.92	23.87	23	1					
20	QPSK	100	0	23.96	23.93	23.92							
20	QPSK	100	48	23.96	23.92	23.87	23	1					
20	QPSK	200	0	23.96	23.93	23.92							
20	QPSK	200	48	23.96	23.92	23.87	22	2					
20	QPSK	400	0	23.96	23.93	23.92							
20	QPSK	400	48	23.96	23.92	23.87	21	3					
20	QPSK	800	0	23.96	23.93	23.92							
20	QPSK	800	48	23.96	23.92	23.87	20	4					
20	QPSK	1600	0	23.96	23.93	23.92							
20	QPSK	1600	48	23.96	23.92	23.87	19	5					
20	QPSK	3200	0	23.96	23.93	23.92							
20	QPSK	3200	48	23.96	23.92	23.87	18	5					
20	QPSK	6400	0	23.96	23.93	23.92							
20	QPSK	6400	48	23.96	23.92	23.87	17	5					
20	QPSK	12800	0	23.96	23.93	23.92							
20	QPSK	12800	48	23.96	23.92	23.87	16	5					
20	QPSK	25600	0	23.96	23.93	23.92							
20	QPSK	25600	48	23.96	23.92	23.87	15	5					
20	QPSK	51200	0	23.96	23.93	23.92							
20	QPSK	51200	48	23.96	23.92	23.87	14	5					
20	QPSK	102400	0	23.96	23.93	23.92							
20	QPSK	102400	48	23.96	23.92	23.87	13	5					
20	QPSK	204800	0	23.96	23.93	23.92							
20	QPSK	204800	48	23.96	23.92	23.87	12	5					
20	QPSK	409600	0	23.96	23.93	23.92							
20	QPSK	409600	48	23.96	23.92	23.87	11	5					
20	QPSK	819200	0	23.96	23.93	23.92							
20	QPSK	819200	48	23.96	23.92	23.87	10	5					
20	QPSK	1638400	0	23.96	23.93	23.92							
20	QPSK	1638400	48	23.96	23.92	23.87	9	5					
20	QPSK	3276800	0	23.96	23.93	23.92							
20	QPSK	3276800	48	23.96	23.92	23.87	8	5					
20	QPSK	6553600	0	23.96	23.93	23.92							
20	QPSK	6553600	48	23.96	23.92	23.87	7	5					
20	QPSK	13107200	0	23.96	23.93	23.92							
20	QPSK	13107200	48	23.96	23.92	23.87	6	5					
20	QPSK	26214400	0	23.96	23.93	23.92							
20	QPSK	26214400	48	23.96	23.92	23.87	5	5					
20	QPSK	52428800	0	23.96	23.93	23.92							
20	QPSK	52428800	48	23.96	23.92	23.87	4	5					
20	QPSK	104857600	0	23.96	23.93	23.92							
20	QPSK	104857600	48	23.96	23.92	23.87	3	5					
20	QPSK	209715200	0	23.96	23.93	23.92							
20	QPSK	209715200	48	23.96	23.92	23.87	2	5					
20	QPSK	419430400	0	23.96	23.93	23.92							
20	QPSK	419430400	48	23.96	23.92	23.87	1	5					
20	QPSK	838860800	0	23.96	23.93	23.92							
20	QPSK	838860800	48	23.96	23.92	23.87	0	5					
20	QPSK	1677721600	0	23.96	23.93	23.92							
20	QPSK	1677721600	48	23.96	23.92	23.87	24	0					
20	QPSK	3355443200	0	23.96	23.93	23.92							
20	QPSK	3355443200	48	23.96	23.92	23.87	23	0					
20	QPSK	6710886400	0	23.96	23.93	23.92							
20	QPSK	6710886400	48	23.96	23.92	23.87	22	0					
20	QPSK	13421772800	0	23.96	23.93	23.92							
20	QPSK	13421772800	48	23.96	23.92	23.87	21	0					
20	QPSK	26843545600	0	23.96	23.93	23.92							
20	QPSK	26843545600	48	23.96	23.92	23.87	20	0					
20	QPSK	53687091200	0	23.96	23.93	23.92							
20	QPSK	53687091200	48	23.96	23.92	23.87	19	0					
20	QPSK	107374182400	0	23.96	23.93	23.92							
20	QPSK	107374182400	48	23.96	23.92	23.87	18	0					
20	QPSK	214748364800	0	23.96	23.93	23.92							
20	QPSK	214748364800	48	23.96	23.92	23.87	17	0					
20	QPSK	429496729600	0	23.96	23.93	23.92							
20	QPSK	429496729600	48	23.96	23.92	23.87	16	0					
20	QPSK	858993459200	0	23.96	23.93	23.92							
20	QPSK	858993459200	48	23.96	23.92	23.87	15	0					
20	QPSK	1717986918400	0	23.96	23.93	23.92							
20	QPSK	1717986918400	48	23.96	23.92	23.87	14	0					
20	QPSK	3435973836800	0	23.96	23.93	23.92							
20	QPSK	3435973836800	48	23.96	23.92	23.87	13	0					
20	QPSK	6871947673600	0	23.96	23.93	23.92							
20	QPSK	6871947673600	48	23.96	23.92	23.87	12	0					
20	QPSK	13743895347200	0	23.96	23.93	23.92							
20	QPSK	13743895347200	48	23.96	23.92	23.87	11	0					
20	QPSK	27487790694400	0	23.96	23.93	23.92							
20	QPSK	27487790694400	48	23.96	23.92	23.87	10	0					
20	QPSK	54975581388800	0	23.96	23.93	23.92							
20	QPSK	54975581388800	48	23.96	23.92	23.87	9	0					
20	QPSK	109951162777600	0	23.96	23.93	23.92							
20	QPSK	109951162777600	48	23.96	23.92	23.87	8	0					
20	QPSK	219902325555200	0	23.96	23.93	23.92							
20	QPSK	219902325555200	48	23.96	23.92	23.87	7	0					
20	QPSK	439804651110400	0	23.96	23.93	23.92							
20	QPSK	439804651110400	48	23.96	23.92	23.87	6	0					
20	QPSK	879609302220800	0	23.96	23.93	23.92							
20	QPSK	879609302220800	48	23.96	23.92	23.87	5	0					
20	QPSK	1759218644441600	0	23.96	23.93	23.92							
20	QPSK	1759218644441600	48	23.96	23.92	23.87	4	0					
20	QPSK	3518437288883200	0	23.96	23.93	23.92							
20	QPSK	3518437288883200	48	23.96	23.92	23.87	3	0					
20	QPSK	7036874577766400	0	23.96	23.93	23.92							
20	QPSK	7036874577766400	48	23.96	23.92	23.87	2	0					
20	QPSK	14073749155532800	0	23.96	23.93	23.92							
20	QPSK	14073749155532800	48	23.96	23.92	23.87	1	0					
20	QPSK	28147498311065600	0	23.96	23.93	23.92							
20	QPSK	28147498311065600	48	23.96	23.92	23.87	0	0					

LTE Band 4 Ant0 Main_PA													
SP (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Time-sig. (µsec)	MPE (dB)					
Channel									Frequency (MHz)				
1720									1720.5				
20	QPSK	1	0	22.71	22.61	22.61							
20	QPSK	1	48	22.67	22.77	22.48	24	0					
20	QPSK	50	0	22.67	22.64	22.64							
20	QPSK	50	48	22.67	22.64	22.64	23	1					
20	QPSK	100	0	22.67	22.64	22.64							
20	QPSK	100	48	22.67	22.64	22.64	22	1					
20	QPSK	200	0	22.67	22.64	22.64							
20	QPSK	200	48	22.67	22.64	22.64	21	1					
20	QPSK	400	0	22.67	22.64	22.64							
20	QPSK	400	48	22.67	22.64	22.64	20	1					
20	QPSK	800	0	22.67	22.64	22.64							
20	QPSK	800	48	22.67	22.64	22.64	19	1					
20	QPSK	1600	0	22.67	22.64	22.64							
20	QPSK	1600	48	22.67	22.64	22.64	18	1					
20	QPSK	3200	0	22.67	22.64	22.64							
20	QPSK	3200	48	22.67	22.64	22.64	17	1					
20	QPSK	6400											



LTE Band 12 Ant0 Main_PA										
SV ID	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up time (min)	MPE (dB)		
Channel							Turn-up time (min)	MPE (dB)		
Frequency (MHz)										
10	QPSK	1	0	22.87	22.91	22.87				
10	QPSK	1	25	22.66	22.72	22.71			24	0
10	QPSK	1	49	22.73	22.78	22.77				
10	QPSK	25	0	21.80	21.81					
10	QPSK	25	12	21.82	21.84	21.82			23	1
10	QPSK	25	25	21.82	21.84	21.82				
10	QPSK	50	0	21.79	21.86	21.86				
10	16QAM	1	0	21.79	21.98	21.83				
10	16QAM	1	25	21.80	21.97	21.88			23	1
10	16QAM	1	49	21.85	21.84	21.85				
10	16QAM	25	0	20.80	20.87	20.83				
10	16QAM	25	12	20.86	20.90	20.88			22	2
10	16QAM	25	25	20.85	20.84	20.87				
10	16QAM	50	0	20.78	20.86	20.83				
10	64QAM	1	0	20.85	20.93	20.81			22	2
10	64QAM	1	25	20.79	20.87	20.80				
10	64QAM	1	49	20.80	20.86	20.79				
10	64QAM	25	0	19.80	19.98	19.90				
10	64QAM	25	12	19.86	19.90	19.88			21	3
10	64QAM	25	25	19.85	19.90	19.84				
10	64QAM	50	0	19.82	19.89	19.81				
10	256QAM	1	0	17.82	17.87	17.87			19	5
10	256QAM	1	25	17.80	17.83	17.81				
10	256QAM	1	49	17.87	17.86	17.82			19	5
10	256QAM	25	0	17.82	17.86	17.82				
10	256QAM	25	12	17.83	17.84	17.84				
10	256QAM	25	25	17.78	17.83	17.82				
10	256QAM	50	0	17.84	17.84	17.83				
Channel							Turn-up time (min)	MPE (dB)		
Frequency (MHz)										
5	QPSK	1	0	22.81	22.75	22.80				
5	QPSK	1	12	22.82	22.82	22.82			24	0
5	QPSK	1	24	22.69	22.68	22.64				
5	QPSK	12	0	21.77	21.85	21.80				
5	QPSK	12	7	21.80	21.84	21.78			23	1
5	QPSK	12	14	21.80	21.80	21.80				
5	QPSK	25	0	21.61	21.80	21.80				
5	16QAM	1	0	21.72	21.80	21.84				
5	16QAM	1	12	21.80	21.87	21.81			23	1
5	16QAM	1	24	21.82	21.68	21.81				
5	16QAM	12	0	20.66	20.73	20.73				
5	16QAM	12	7	20.72	20.82	20.71			22	2
5	16QAM	12	13	20.84	20.82	20.73				
5	64QAM	1	0	20.69	20.84	20.82			22	2
5	64QAM	1	12	20.84	20.84	20.84				
5	64QAM	1	24	20.75	20.75	20.75				
5	64QAM	12	0	19.75	19.82	19.71			21	3
5	64QAM	12	13	19.73	19.82	19.73				
5	64QAM	25	0	19.88	19.80	19.71				
5	256QAM	1	0	17.82	17.81	17.81			19	5
5	256QAM	1	12	17.85	17.76	17.76				
5	256QAM	1	24	17.80	17.85	17.71			19	5
5	256QAM	12	0	17.75	17.82	17.80				
5	256QAM	12	7	17.75	17.82	17.80			19	5
5	256QAM	12	13	17.75	17.87	17.80				
5	256QAM	25	0	17.81	17.82	17.74				
Channel							Turn-up time (min)	MPE (dB)		
Frequency (MHz)										
3	QPSK	1	0	22.73	22.77	22.73				
3	QPSK	1	8	22.88	22.88	22.88			24	0
3	QPSK	1	14	22.86	22.88	22.86				
3	QPSK	8	0	21.88	21.90	21.87				
3	QPSK	8	4	21.88	21.81	21.77			23	1
3	QPSK	8	7	21.85	21.84	21.81				
3	QPSK	15	0	21.68	21.86	21.84				
3	16QAM	1	0	21.74	21.80	21.80				
3	16QAM	1	8	21.80	21.88	21.80			23	1
3	16QAM	1	14	21.81	21.81	21.77				
3	16QAM	8	0	20.72	20.83	20.79				
3	16QAM	8	4	20.86	20.86	20.80			22	2
3	16QAM	8	7	20.87	20.89	20.80				
3	16QAM	15	0	20.63	20.84	20.79				
3	64QAM	1	0	20.76	20.92	20.79			22	2
3	64QAM	1	8	20.75	20.71	20.74				
3	64QAM	1	14	20.83	20.78	20.72				
3	64QAM	8	0	19.69	19.90	19.73				
3	64QAM	8	4	19.81	19.84	19.80			21	3
3	64QAM	8	7	19.88	19.85	19.75				
3	64QAM	15	0	19.84	19.71	19.72				
3	256QAM	1	0	17.80	17.86	17.76			19	5
3	256QAM	1	8	17.71	17.81	17.80				
3	256QAM	1	14	17.78	17.86	17.87				
3	256QAM	8	0	17.87	17.79	17.80			19	5
3	256QAM	8	4	17.73	17.80	17.80				
3	256QAM	8	7	17.85	17.79	17.77				
3	256QAM	15	0	17.75	17.87	17.80				
Channel							Turn-up time (min)	MPE (dB)		
Frequency (MHz)										
1.4	QPSK	1	0	22.63	22.79	22.87				
1.4	QPSK	1	3	22.84	22.84	22.80			24	0
1.4	QPSK	1	5	22.58	22.87	22.84				
1.4	QPSK	3	0	22.55	22.70	22.61				
1.4	QPSK	3	1	22.52	22.80	22.81				
1.4	QPSK	3	2	22.67	22.75	22.72			23	1
1.4	QPSK	6	0	21.53	21.73	21.69				
1.4	16QAM	1	0	21.52	21.86	21.74				
1.4	16QAM	1	3	21.66	21.81	21.80			23	1
1.4	16QAM	3	0	21.56	21.82	21.79				
1.4	16QAM	3	1	21.61	21.82	21.82				
1.4	16QAM	3	3	21.50	21.88	21.72				
1.4	16QAM	6	0	20.40	20.74	20.77			22	2
1.4	64QAM	1	0	20.88	20.88	20.78				
1.4	64QAM	1	3	20.64	21.00	20.78				
1.4	64QAM	1	5	20.70	20.89	20.86			22	2
1.4	64QAM	3	0	20.50	20.84	20.83				
1.4	64QAM	3	1	20.52	20.81	20.83				
1.4	64QAM	3	3	20.58	20.83	20.82			21	2
1.4	256QAM	1	0	17.60	17.86	17.83				
1.4	256QAM	1	3	17.62	17.85	17.84				
1.4	256QAM	1	5	17.60	17.88	17.86			19	5
1.4	256QAM	3	0	17.68	17.87	17.88				
1.4	256QAM	3	1	17.73	17.86	17.75				
1.4	256QAM	3	3	17.73	17.84	17.82				
1.4	256QAM	6	0	17.71	17.80	17.84			19	5

LTE Band 13 Ant0 Main_PA										
SV ID	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up time (min)	MPE (dB)		
Channel							Turn-up time (min)	MPE (dB)		
Frequency (MHz)										
10	QPSK	1	0			22.83				
10	QPSK	1	25			22.86			24	0
10	QPSK	1	49			22.86				
10	QPSK	25	0			22.30				
10	QPSK	25	12			21.98			23	1
10	QPSK	25	25			21.98				
10	QPSK	50	0			22.01				
10	16QAM	1	0			22.04				
10	16QAM	1	25			21.93			22	1
10	16QAM	1	49			21.96				
10	16QAM	25	0			21.00				
10	16QAM	25	12			20.80			22	2
10	16QAM	25	25			20.80				
10	16QAM	50	0			20.81				
10	64QAM	1	0			21.96			22	2
10	64QAM	1	25			21.91				
10	64QAM	1	49			20.83				
10	64QAM	25	0			20.83				



LTE Band 7 Ant1 Main_PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21950			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.15	23.21	22.91	24	0	
20	QPSK	1	49	22.93	23.17	22.96			
20	QPSK	1	99	22.97	23.15	22.85			
20	QPSK	50	0	22.02	22.29	21.98	23	1	
20	QPSK	50	24	22.09	22.28	21.95			
20	QPSK	50	50	22.03	22.27	22.03			
20	QPSK	100	0	22.08	22.30	21.91	23	1	
20	16QAM	1	0	22.03	22.14	21.91			
20	16QAM	1	49	22.10	22.17	22.04			
20	16QAM	1	99	22.17	22.15	21.90	22	2	
20	16QAM	50	0	21.08	21.24	21.05			
20	16QAM	50	24	21.03	21.13	21.04			
20	16QAM	50	50	21.12	21.19	20.90	22	2	
20	16QAM	100	0	21.11	21.18	20.89			
20	64QAM	1	0	21.11	21.24	21.06			
20	64QAM	1	49	21.03	21.19	20.94	21	3	
20	64QAM	1	99	21.03	21.16	21.06			
20	64QAM	50	0	20.18	20.14	19.92			
20	64QAM	50	24	20.16	20.20	20.07	19	5	
20	64QAM	50	50	20.19	20.30	20.02			
20	64QAM	100	0	20.16	20.13	19.90			
20	256QAM	1	0	18.13	18.20	17.83	19	5	
20	256QAM	1	49	18.22	18.28	17.99			
20	256QAM	1	99	18.20	18.27	17.88			
20	256QAM	50	0	18.18	18.29	17.97	19	5	
20	256QAM	50	24	18.22	18.29	17.88			
20	256QAM	50	50	18.12	18.13	17.89			
20	256QAM	100	0	18.23	18.13	17.88			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.11	23.17	22.84	24	0	
15	QPSK	1	37	22.88	23.15	22.93			
15	QPSK	1	74	22.90	23.09	22.81			
15	QPSK	36	0	22.00	22.24	21.93	23	1	
15	QPSK	36	20	22.05	22.22	21.92			
15	QPSK	36	39	21.97	22.25	21.96			
15	QPSK	75	0	22.02	22.27	21.88	23	1	
15	16QAM	1	0	21.98	22.10	21.86			
15	16QAM	1	37	22.05	22.14	22.01			
15	16QAM	1	74	22.11	22.10	21.86	22	2	
15	16QAM	36	0	21.06	21.18	20.99			
15	16QAM	36	20	20.96	21.08	20.99			
15	16QAM	36	39	21.05	21.14	20.85	22	2	
15	16QAM	75	0	21.04	21.12	20.83			
15	64QAM	1	0	21.06	21.20	21.01			
15	64QAM	1	37	20.99	21.11	20.91	21	3	
15	64QAM	1	74	20.99	21.11	21.02			
15	64QAM	36	0	20.13	20.09	19.84			
15	64QAM	36	20	20.09	20.18	20.05	19	5	
15	64QAM	36	39	20.13	20.26	20.00			
15	64QAM	75	0	20.09	20.06	19.87			
15	256QAM	1	0	18.15	18.15	17.92	19	5	
15	256QAM	1	37	18.19	18.26	17.87			
15	256QAM	1	74	18.16	18.14	17.83			
15	256QAM	36	0	18.15	18.25	17.88	19	5	
15	256QAM	36	20	18.11	18.28	17.97			
15	256QAM	36	39	18.14	18.23	17.96			
15	256QAM	75	0	18.10	18.25	17.93			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.10	23.18	22.87	24	0	
10	QPSK	1	25	22.90	23.14	22.91			
10	QPSK	1	49	22.92	23.09	22.79			
10	QPSK	25	0	22.00	22.25	21.92	23	1	
10	QPSK	25	12	22.06	22.21	21.89			
10	QPSK	25	25	21.99	22.20	21.95			
10	QPSK	50	0	22.02	22.22	21.87	23	1	
10	16QAM	1	0	22.00	22.08	21.85			
10	16QAM	1	25	22.06	22.12	22.01			
10	16QAM	1	49	22.11	22.11	21.86	22	2	
10	16QAM	25	0	21.02	21.18	21.02			
10	16QAM	25	12	20.97	21.07	20.98			
10	16QAM	25	25	21.05	21.13	20.82	22	2	
10	16QAM	50	0	21.05	21.12	20.85			
10	64QAM	1	0	21.04	21.21	21.03			
10	64QAM	1	25	20.98	21.11	20.88	21	3	
10	64QAM	1	49	20.98	21.13	21.02			
10	64QAM	25	0	20.12	20.06	19.84			
10	64QAM	25	12	20.10	20.15	20.01	19	5	
10	64QAM	25	25	20.15	20.26	19.97			
10	64QAM	50	0	20.12	20.07	19.86			
10	256QAM	1	0	18.10	18.25	17.95	19	5	
10	256QAM	1	25	18.13	18.26	17.92			
10	256QAM	1	49	18.14	18.13	17.95			
10	256QAM	25	0	18.11	18.27	17.94	19	5	
10	256QAM	25	12	18.17	18.26	17.88			
10	256QAM	25	25	18.09	18.23	17.92			
10	256QAM	50	0	18.20	18.18	17.87			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.10	23.14	22.88	24	0	
5	QPSK	1	12	22.89	23.10	22.92			
5	QPSK	1	24	22.93	23.10	22.80			
5	QPSK	12	0	21.96	22.24	21.96	23	1	
5	QPSK	12	7	22.03	22.23	21.92			
5	QPSK	12	13	21.97	22.23	21.99			
5	QPSK	25	0	22.05	22.26	21.86	23	1	
5	16QAM	1	0	21.98	22.10	21.83			
5	16QAM	1	12	22.03	22.10	22.01			
5	16QAM	1	24	22.12	22.08	21.85	22	2	
5	16QAM	12	0	21.04	21.19	20.97			
5	16QAM	12	7	20.99	21.09	20.98			
5	16QAM	12	13	21.06	21.14	20.88	22	2	
5	16QAM	25	0	21.07	21.12	20.86			
5	64QAM	1	0	21.05	21.20	21.03			
5	64QAM	1	12	21.00	21.14	20.91	21	3	
5	64QAM	1	24	21.00	21.14	21.02			
5	64QAM	12	0	20.12	20.08	19.86			
5	64QAM	12	7	20.12	20.13	19.99	19	5	
5	64QAM	12	13	20.11	20.28	19.97			
5	64QAM	25	0	20.09	20.07	19.82			
5	256QAM	1	0	18.14	18.19	17.94	19	5	
5	256QAM	1	12	18.23	18.15	17.82			
5	256QAM	1	24	18.21	18.18	17.93			
5	256QAM	12	0	18.24	18.28	17.91	19	5	
5	256QAM	12	7	18.07	18.30	17.89			
5	256QAM	12	13	18.20	18.24	17.85			
5	256QAM	25	0	18.09	18.29	17.88			



LTE Band 25 Ant4 Main_PA

RF (MHz)	Modulation	RS Size	RS Offset	Power Line Ch. / Freq.	Power Margin Ch. / Freq.	Power Frac. Ch. / Freq.	Time-up time (sec)	MPT (dB)
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
20	QPSK	1	0	20.42	20.75	20.58		
20	QPSK	1	68	20.46	20.62	20.55	22	0
20	QPSK	1	68	20.52	20.72	20.61		
20	QPSK	50	0	19.83	19.87	19.87		
20	QPSK	50	24	19.88	19.75	19.86	21	1
20	QPSK	50	24	19.88	19.88	19.88		
20	QPSK	100	0	19.83	19.78	19.85		
20	HQDM	1	0	19.48	19.73	19.61	21	1
20	HQDM	1	68	19.68	19.78	19.82		
20	HQDM	1	68	19.83	19.85	19.87		
20	HQDM	50	0	18.55	18.48	18.55		
20	HQDM	50	24	18.57	18.62	18.57	20	2
20	HQDM	50	24	18.58	18.67	18.66		
20	HQDM	100	0	18.78	18.48	18.58		
20	HQDM	1	0	18.63	18.78	18.53	20	2
20	HQDM	1	68	18.67	18.78	18.81		
20	HQDM	1	68	18.87	18.78	18.83		
20	HQDM	50	0	17.61	17.88	17.88		
20	HQDM	50	24	17.68	17.87	17.87	19	3
20	HQDM	50	24	17.78	17.87	17.89		
20	HQDM	100	0	17.65	17.82	17.82		
20	ZDQDM	1	0	15.58	15.88	15.88	17	5
20	ZDQDM	1	68	15.55	15.78	15.83		
20	ZDQDM	1	68	15.58	15.71	15.87		
20	ZDQDM	50	0	15.58	15.72	15.86	17	5
20	ZDQDM	50	24	15.58	15.78	15.88		
20	ZDQDM	50	24	15.60	15.82	15.80		
20	ZDQDM	100	0	15.45	15.81	15.80		
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
15	QPSK	1	0	20.57	20.75	20.90		
15	QPSK	1	24	20.44	20.92	20.51	22	0
15	QPSK	1	14	20.41	20.78	20.54		
15	QPSK	36	0	19.47	19.88	19.83		
15	QPSK	36	20	19.80	19.85	19.89	21	1
15	QPSK	36	20	19.86	19.88	19.88		
15	QPSK	75	0	18.48	18.78	18.54		
15	HQDM	1	0	18.68	18.88	18.53	21	1
15	HQDM	1	68	18.68	18.78	18.83		
15	HQDM	1	74	18.81	18.83	18.86		
15	HQDM	36	0	18.51	18.78	18.51		
15	HQDM	36	20	18.52	18.78	18.80	20	2
15	HQDM	36	20	18.52	18.80	18.80		
15	HQDM	75	0	18.54	18.78	18.54		
15	HQDM	1	0	18.37	18.78	18.47	20	2
15	HQDM	1	68	18.63	18.88	18.89		
15	HQDM	1	74	18.54	18.78	18.50		
15	HQDM	36	0	17.54	17.83	17.86		
15	HQDM	36	20	17.67	17.88	17.88	19	3
15	HQDM	36	20	17.78	17.81	17.86		
15	HQDM	75	0	17.59	17.88	17.88		
15	ZDQDM	1	0	15.58	15.78	15.82	17	5
15	ZDQDM	1	68	15.60	15.78	15.81		
15	ZDQDM	1	74	15.58	15.87	15.84		
15	ZDQDM	36	0	15.54	15.78	15.59	17	5
15	ZDQDM	36	20	15.63	15.78	15.88		
15	ZDQDM	36	20	15.78	15.71	15.87		
15	ZDQDM	75	0	15.64	15.78	15.86		
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
10	QPSK	1	0	20.57	20.75	20.96		
10	QPSK	1	24	20.44	20.92	20.48	22	0
10	QPSK	1	14	20.41	20.78	20.56		
10	QPSK	25	0	19.50	19.88	19.82		
10	QPSK	25	12	19.84	19.82	19.80	21	1
10	QPSK	25	12	19.83	19.82	19.86		
10	QPSK	50	0	18.47	18.71	18.50		
10	HQDM	1	0	18.63	18.87	18.59	21	1
10	HQDM	1	68	18.68	18.87	18.88		
10	HQDM	1	68	18.87	18.78	18.89		
10	HQDM	25	0	18.51	18.78	18.47		
10	HQDM	25	12	18.58	18.78	18.80	20	2
10	HQDM	25	12	18.52	18.80	18.80		
10	HQDM	50	0	18.48	18.88	18.55		
10	HQDM	1	0	18.37	18.62	18.47	20	2
10	HQDM	1	68	18.64	18.62	18.69		
10	HQDM	1	68	18.82	18.78	18.86		
10	HQDM	25	0	17.56	17.83	17.43	19	3
10	HQDM	25	12	17.62	17.88	17.88		
10	HQDM	25	25	17.60	17.83	17.43		
10	HQDM	50	0	17.58	17.88	17.88		
10	ZDQDM	1	0	15.58	15.78	15.86	17	5
10	ZDQDM	1	68	15.78	15.78	15.86		
10	ZDQDM	1	68	15.66	15.78	15.86		
10	ZDQDM	25	0	15.58	15.88	15.86	17	5
10	ZDQDM	25	12	15.62	15.71	15.81		
10	ZDQDM	25	25	15.62	15.78	15.84		
10	ZDQDM	50	0	15.58	15.84	15.81		
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
5	QPSK	1	0	20.58	20.78	20.96		
5	QPSK	1	12	20.48	20.98	20.52	22	0
5	QPSK	1	24	20.52	20.73	20.53		
5	QPSK	12	0	19.47	19.88	19.82		
5	QPSK	12	7	19.81	19.82	19.88	21	1
5	QPSK	12	13	19.88	19.87	19.87		
5	QPSK	25	0	18.51	18.73	18.54		
5	HQDM	1	0	18.67	18.88	18.56	21	1
5	HQDM	1	68	18.68	18.78	18.88		
5	HQDM	1	24	18.87	18.78	18.89		
5	HQDM	12	0	18.48	18.78	18.52		
5	HQDM	12	7	18.58	18.78	18.84	20	2
5	HQDM	12	13	18.51	18.84	18.89		
5	HQDM	25	0	18.47	18.78	18.52		
5	HQDM	1	0	18.38	18.78	18.59	20	2
5	HQDM	1	68	18.64	18.71	18.80		
5	HQDM	1	24	18.58	18.78	18.86		
5	HQDM	12	0	17.56	17.88	17.48	19	3
5	HQDM	12	7	17.62	17.88	17.88		
5	HQDM	12	13	17.58	17.82	17.43		
5	HQDM	25	0	17.60	17.78	17.44		
5	ZDQDM	1	0	15.68	15.78	15.88	17	5
5	ZDQDM	1	12	15.68	15.78	15.83		
5	ZDQDM	1	24	15.57	15.72	15.81		
5	ZDQDM	12	0	15.68	15.87	15.86	17	5
5	ZDQDM	12	7	15.61	15.78	15.84		
5	ZDQDM	12	13	15.53	15.78	15.84		
5	ZDQDM	25	0	15.61	15.78	15.83		
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
3	QPSK	1	0	20.58	20.78	20.94		
3	QPSK	1	12	20.48	20.98	20.52	22	0
3	QPSK	1	24	20.52	20.73	20.53		
3	QPSK	8	0	18.48	18.87	18.82		
3	QPSK	8	4	18.88	18.88	18.88	21	1
3	QPSK	8	7	18.88	18.88	18.88		
3	QPSK	18	0	18.51	18.78	18.54		
3	HQDM	1	0	18.64	18.78	18.59	21	1
3	HQDM	1	68	18.68	18.78	18.88		
3	HQDM	1	14	18.81	18.80	18.89		
3	HQDM	8	0	18.32	18.78	18.51	20	2
3	HQDM	8	7	18.61	18.81	18.81		
3	HQDM	8	7	18.65	18.82	18.83		
3	HQDM	1	0	18.68	18.88	18.88	20	2
3	HQDM	1	68	18.63	18.88	18.88		
3	HQDM	1	14	18.84	18.78	18.81		
3	HQDM	8	0	17.52	17.82	17.44	19	3
3	HQDM	8	4	17.61	17.82	17.84		
3	HQDM	8	7	17.51	17.81	17.41		
3	HQDM	18	0	17.58	17.74	17.47		
3	ZDQDM	1	0	15.68	15.78	15.88	17	5
3	ZDQDM	1	12	15.68	15.78	15.88		
3	ZDQDM	8	4	15.58	15.82	15.81		
3	ZDQDM	8	7	15.71	15.71	15.80		
3	ZDQDM	18	0	15.62	15.88	15.89		
Channel: 1907.5 1905 1902.5								
Frequency (MHz)								
1.4	QPSK	1	0	20.58	20.74	20.94		
1.4	QPSK	1	12	20.48	20.94	20.58	22	0
1.4	QPSK	1	24	20.48	20.74	20.53		
1.4	QPSK	3	0	19.48	19.87	19.82		
1.4	QPSK	3	3	19.84	19.82	19.86	21	1
1.4	QPSK	3	3	19.85	19.81	19.85		



LTE Band 38 Ant4 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3800	38150			
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	23.43	23.45	23.17			
20	QPSK	1	49	23.30	23.44	23.07	24	0	
20	QPSK	1	99	23.41	23.39	23.00			
20	QPSK	50	0	22.44	22.53	22.16			
20	QPSK	50	24	22.34	22.51	22.22			
20	QPSK	50	50	22.41	22.51	22.19	23	1	
20	QPSK	100	0	22.36	22.57	22.16			
20	16QAM	1	0	22.39	22.57	22.12			
20	16QAM	1	49	22.35	22.42	22.09	23	1	
20	16QAM	1	99	22.38	22.54	22.14			
20	16QAM	50	0	21.47	21.49	21.00			
20	16QAM	50	24	21.37	21.43	21.17	22	2	
20	16QAM	50	50	21.31	21.42	21.04			
20	16QAM	100	0	21.45	21.56	21.12			
20	64QAM	1	0	21.40	21.42	21.10			
20	64QAM	1	49	21.43	21.50	21.13	22	2	
20	64QAM	1	99	21.30	21.47	21.23			
20	64QAM	50	0	20.35	20.48	20.26			
20	64QAM	50	24	20.41	20.57	20.20			
20	64QAM	50	50	20.44	20.55	20.22	21	3	
20	64QAM	100	0	20.37	20.45	20.12			
20	256QAM	1	0	18.44	18.54	18.23			
20	256QAM	1	49	18.38	18.46	18.10	19	5	
20	256QAM	1	99	18.47	18.49	18.20			
20	256QAM	50	0	18.36	18.53	18.08			
20	256QAM	50	24	18.46	18.54	18.16	19	5	
20	256QAM	50	50	18.47	18.53	18.16			
20	256QAM	100	0	18.50	18.55	18.15			
Channel				3750	3800	38175			
Frequency (MHz)				2577.5	2582	2592.5			
15	QPSK	1	0	23.37	23.40	23.11	24	0	
15	QPSK	1	37	23.26	23.38	23.00			
15	QPSK	1	74	23.38	23.32	22.92			
15	QPSK	36	0	22.42	22.50	22.10			
15	QPSK	36	20	22.27	22.46	22.18	23	1	
15	QPSK	36	39	22.37	22.45	22.13			
15	QPSK	75	0	22.29	22.49	22.12			
15	16QAM	1	0	22.36	22.52	22.07			
15	16QAM	1	37	22.31	22.38	22.04	23	1	
15	16QAM	1	74	22.34	22.46	22.11			
15	16QAM	36	0	21.41	21.45	21.08			
15	16QAM	36	20	21.34	21.39	21.14	22	2	
15	16QAM	36	39	21.30	21.36	21.09			
15	64QAM	1	0	21.35	21.38	21.06	22	2	
15	64QAM	1	37	21.36	21.44	21.09			
15	64QAM	1	74	21.45	21.40	21.17	22	2	
15	64QAM	36	0	20.31	20.41	20.24			
15	64QAM	36	20	20.37	20.49	20.16	21	3	
15	64QAM	36	39	20.42	20.49	20.18			
15	64QAM	75	0	20.31	20.39	20.06			
15	256QAM	1	0	18.41	18.51	18.17	19	5	
15	256QAM	1	37	18.33	18.44	18.08			
15	256QAM	1	74	18.42	18.43	18.18			
15	256QAM	36	0	18.29	18.47	18.00	19	5	
15	256QAM	36	20	18.43	18.47	18.11			
15	256QAM	36	39	18.45	18.45	18.08			
15	256QAM	75	0	18.43	18.50	18.12			
Channel				3750	3800	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.40	23.39	23.11	24	0	
10	QPSK	1	25	23.38	23.38	23.02			
10	QPSK	1	49	23.36	23.33	22.97			
10	QPSK	25	0	22.39	22.46	22.10			
10	QPSK	25	12	22.30	22.44	22.17	23	1	
10	QPSK	25	25	22.34	22.48	22.13			
10	QPSK	50	0	22.30	22.53	22.13			
10	16QAM	1	0	22.34	22.50	22.09			
10	16QAM	1	25	22.28	22.39	22.05	23	1	
10	16QAM	1	49	22.34	22.51	22.11			
10	16QAM	25	0	21.41	21.43	21.05			
10	16QAM	25	12	21.34	21.38	21.12	22	2	
10	16QAM	25	25	21.32	21.35	21.16			
10	16QAM	50	0	21.42	21.53	21.07			
10	64QAM	1	0	21.37	21.37	21.06	22	2	
10	64QAM	1	25	21.39	21.44	21.05			
10	64QAM	1	49	21.44	21.45	21.18			
10	64QAM	25	0	20.27	20.42	20.20			
10	64QAM	25	12	20.38	20.58	20.15	21	3	
10	64QAM	25	25	20.36	20.52	20.17			
10	64QAM	50	0	20.35	20.35	20.09			
10	256QAM	1	0	18.41	18.50	18.16	19	5	
10	256QAM	1	25	18.36	18.42	18.04			
10	256QAM	1	49	18.43	18.44	18.12			
10	256QAM	25	0	18.29	18.46	18.06	19	5	
10	256QAM	25	12	18.42	18.50	18.10			
10	256QAM	25	25	18.40	18.46	18.08			
10	256QAM	50	0	18.48	18.52	18.12			
Channel				3775	3800	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.38	23.40	23.09	24	0	
5	QPSK	1	12	23.22	23.41	23.04			
5	QPSK	1	24	23.38	23.35	22.97			
5	QPSK	12	0	22.37	22.48	22.09			
5	QPSK	12	7	22.28	22.49	22.19	23	1	
5	QPSK	12	13	22.38	22.44	22.14			
5	QPSK	25	0	22.29	22.53	22.08			
5	16QAM	1	0	22.32	22.45	22.10			
5	16QAM	1	12	22.30	22.38	22.02	23	1	
5	16QAM	1	24	22.31	22.47	22.09			
5	16QAM	12	0	21.44	21.45	21.04			
5	16QAM	12	7	21.33	21.41	21.09	22	2	
5	16QAM	12	13	21.33	21.35	21.22			
5	16QAM	25	0	21.40	21.51	21.07			
5	64QAM	1	0	21.37	21.39	21.06	22	2	
5	64QAM	1	12	21.37	21.47	21.08			
5	64QAM	1	24	21.46	21.42	21.21			
5	64QAM	12	0	20.28	20.41	20.21			
5	64QAM	12	7	20.37	20.50	20.17	21	3	
5	64QAM	12	13	20.36	20.52	20.19			
5	64QAM	25	0	20.29	20.38	20.04			
5	256QAM	1	0	18.40	18.49	18.20	19	5	
5	256QAM	1	12	18.33	18.40	18.04			
5	256QAM	1	24	18.45	18.46	18.16			
5	256QAM	12	0	18.31	18.49	18.06	19	5	
5	256QAM	12	7	18.39	18.47	18.12			
5	256QAM	12	13	18.44	18.46	18.11			
5	256QAM	25	0	18.46	18.49	18.13			

LTE Band 41 Ant4 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				38750	40165	40620			
Frequency (MHz)				2590	2549.5	2593			
20	QPSK	1	0	23.30	23.15	23.17	24	0	
20	QPSK	1	49	23.28	23.04	23.38	23.10	23.99	
20	QPSK	1	99	23.34	22.99	23.43	23.15	23.13	
20	QPSK	50	0	22.34	22.17	22.54	22.11	22.16	
20	QPSK	50	24	22.29	22.23	22.48	22.05	22.08	
20	QPSK	50	50	22.27	22.13	22.45	22.12	22.11	23
20	QPSK	100	0	22.25	22.09	22.57	22.14	22.14	
20	16QAM	1	0	22.22	22.08	22.49	22.11	22.25	
20	16QAM	1	49	22.22	22.08	22.54	22.22	22.10	23
20	16QAM	1	99	22.25	22.15	22.55	22.11	22.12	
20	16QAM	50	0	21.22	21.24	21.60	21.19	21.25	
20	16QAM	50	24	21.34	21.15	21.65	21.08	21.17	22
20	16QAM	50	50	21.29	21.22	21.46	21.16	21.20	
20	16QAM	100	0	21.28	21.11	21.44	21.21	21.12	
20	64QAM	1</							



LTE Band 42 Ant5 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.27	23.71	23.80	24	0	
20	QPSK	1	49	23.28	23.40	23.37			
20	QPSK	1	99	23.33	23.34	23.39			
20	QPSK	50	0	22.31	22.09	22.51	23	1	
20	QPSK	50	24	22.30	22.54	22.39			
20	QPSK	50	50	22.29	22.45	22.52			
20	QPSK	100	0	22.29	22.58	22.50	23	1	
20	16QAM	1	0	22.42	22.80	22.45			
20	16QAM	1	49	22.37	22.56	22.43			
20	16QAM	1	99	22.31	22.57	22.51	22	2	
20	16QAM	50	0	21.38	21.96	21.40			
20	16QAM	50	24	21.33	21.51	21.43			
20	16QAM	50	50	21.40	21.46	21.40	22	2	
20	16QAM	100	0	21.43	21.62	21.44			
20	64QAM	1	0	21.44	21.50	21.51			
20	64QAM	1	49	21.31	21.44	21.51	22	2	
20	64QAM	1	99	21.35	21.56	21.37			
20	64QAM	50	0	20.32	20.46	20.54			
20	64QAM	50	24	20.31	20.52	20.46	21	3	
20	64QAM	50	50	20.37	20.56	20.42			
20	64QAM	100	0	20.46	20.57	20.48			
20	256QAM	1	0	18.30	18.47	18.51	19	5	
20	256QAM	1	49	18.36	18.51	18.40			
20	256QAM	1	99	18.38	18.53	18.45			
20	256QAM	50	0	18.35	18.57	18.41	19	5	
20	256QAM	50	24	18.30	18.46	18.48			
20	256QAM	50	50	18.29	18.51	18.39			
20	256QAM	100	0	18.33	18.60	18.46			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.37	23.49	23.38	24	0	
15	QPSK	1	37	23.19	23.36	23.35			
15	QPSK	1	74	23.24	23.31	23.33			
15	QPSK	36	0	22.23	22.51	22.37	23	1	
15	QPSK	36	20	22.17	22.41	22.34			
15	QPSK	36	39	22.11	22.41	22.39			
15	QPSK	75	0	22.10	22.51	22.44	23	1	
15	16QAM	1	0	22.38	22.51	22.30			
15	16QAM	1	37	22.27	22.40	22.31			
15	16QAM	1	74	22.25	22.52	22.40	22	2	
15	16QAM	36	0	21.33	21.54	21.27			
15	16QAM	36	20	21.27	21.41	21.33			
15	16QAM	36	39	21.33	21.28	21.39	22	2	
15	16QAM	75	0	21.30	21.36	21.42			
15	64QAM	1	0	21.27	21.39	21.47			
15	64QAM	1	37	21.21	21.28	21.34	21	3	
15	64QAM	1	74	21.22	21.50	21.31			
15	64QAM	36	0	20.16	20.33	20.53			
15	64QAM	36	20	20.17	20.47	20.42	19	5	
15	64QAM	36	39	20.31	20.40	20.35			
15	64QAM	75	0	20.30	20.56	20.33			
15	256QAM	1	0	18.23	18.31	18.48	19	5	
15	256QAM	1	37	18.32	18.34	18.22			
15	256QAM	1	74	18.32	18.35	18.28			
15	256QAM	36	0	18.30	18.40	18.25	19	5	
15	256QAM	36	20	18.28	18.33	18.37			
15	256QAM	36	39	18.17	18.49	18.33			
15	256QAM	75	0	18.28	18.59	18.38			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.25	23.43	23.38	24	0	
10	QPSK	1	25	23.25	23.38	23.18			
10	QPSK	1	49	23.23	23.25	23.25			
10	QPSK	25	0	22.16	22.45	22.34	23	1	
10	QPSK	25	12	22.13	22.44	22.38			
10	QPSK	25	25	22.24	22.30	22.48			
10	QPSK	50	0	22.25	22.41	22.41	23	1	
10	16QAM	1	0	22.25	22.56	22.36			
10	16QAM	1	25	22.28	22.44	22.40			
10	16QAM	1	49	22.20	22.43	22.42	22	2	
10	16QAM	25	0	21.19	21.45	21.22			
10	16QAM	25	12	21.21	21.39	21.39			
10	16QAM	25	25	21.22	21.39	21.24	22	2	
10	16QAM	50	0	21.36	21.37	21.37			
10	64QAM	1	0	21.28	21.48	21.40			
10	64QAM	1	25	21.17	21.34	21.45	21	3	
10	64QAM	1	49	21.23	21.51	21.30			
10	64QAM	25	0	20.20	20.38	20.35			
10	64QAM	25	12	20.28	20.47	20.30	19	5	
10	64QAM	25	25	20.23	20.47	20.34			
10	64QAM	50	0	20.33	20.47	20.34			
10	256QAM	1	0	18.16	18.39	18.34	19	5	
10	256QAM	1	25	18.26	18.33	18.26			
10	256QAM	1	49	18.22	18.44	18.34			
10	256QAM	25	0	18.25	18.48	18.37	19	5	
10	256QAM	25	12	18.15	18.30	18.30			
10	256QAM	25	25	18.25	18.50	18.37			
10	256QAM	50	0	18.29	18.50	18.31			
Channel				42115	42590	43060			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.21	23.44	23.43	24	0	
5	QPSK	1	12	23.22	23.37	23.19			
5	QPSK	1	24	23.28	23.18	23.26			
5	QPSK	12	0	22.21	22.58	22.40	23	1	
5	QPSK	12	7	22.13	22.44	22.33			
5	QPSK	12	13	22.16	22.37	22.35			
5	QPSK	25	0	22.23	22.39	22.36	23	1	
5	16QAM	1	0	22.30	22.58	22.40			
5	16QAM	1	12	22.33	22.49	22.37			
5	16QAM	1	24	22.27	22.40	22.40	22	2	
5	16QAM	12	0	21.28	21.51	21.27			
5	16QAM	12	7	21.22	21.39	21.36			
5	16QAM	12	13	21.26	21.31	21.35	21	3	
5	16QAM	25	0	21.24	21.50	21.40			
5	16QAM	1	0	21.32	21.40	21.34			
5	64QAM	1	12	21.29	21.33	21.32	22	2	
5	64QAM	1	24	21.25	21.41	21.27			
5	64QAM	12	0	20.18	20.33	20.48			
5	64QAM	12	7	20.20	20.47	20.34	21	3	
5	64QAM	12	13	20.34	20.45	20.24			
5	64QAM	25	0	20.35	20.46	20.45			
5	256QAM	1	0	18.28	18.32	18.46	19	5	
5	256QAM	1	12	18.27	18.32	18.29			
5	256QAM	1	24	18.36	18.51	18.34			
5	256QAM	12	0	18.32	18.47	18.29	19	5	
5	256QAM	12	7	18.17	18.31	18.43			
5	256QAM	12	13	18.15	18.39	18.32			
5	256QAM	25	0	18.29	18.51	18.35			



Full & Default & DSI 4 Power_Other PA

LTE Band 38 Ant1 Other_PA									
Band	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37650	38000	38150			
Frequency (MHz)				2950	2955	2910			
20	QPSK	1	0	22.25	22.35	22.31			
20	QPSK	1	49	22.18	22.23	22.13	24	0	
20	QPSK	1	99	22.13	22.21	22.18			
20	QPSK	50	0	21.40	21.46	21.31			
20	QPSK	50	24	21.40	21.45	21.43			
20	QPSK	50	50	21.30	21.41	21.32	23	1	
20	QPSK	100	0	21.23	21.32	21.30			
20	16QAM	1	0	21.21	21.25	21.21			
20	16QAM	1	49	21.20	21.23	21.14	23	1	
20	16QAM	1	99	21.13	21.23	21.21			
20	16QAM	50	0	20.85	20.87	20.83			
20	16QAM	50	24	20.73	20.80	20.78			
20	16QAM	50	50	20.75	20.80	20.73	22	2	
20	16QAM	100	0	20.75	20.84	20.77			
20	64QAM	1	0	20.84	20.90	20.86			
20	64QAM	1	49	20.87	20.88	20.78	22	2	
20	64QAM	1	99	20.85	20.87	20.84			
20	64QAM	50	0	19.72	19.83	19.74			
20	64QAM	50	24	19.80	19.88	19.83			
20	64QAM	50	50	19.81	19.85	19.77	21	3	
20	64QAM	100	0	19.80	19.85	19.83			
20	256QAM	1	0	17.85	17.89	17.84			
20	256QAM	1	49	17.77	17.80	17.74	19	5	
20	256QAM	1	99	17.75	17.80	17.70			
20	256QAM	50	0	17.77	17.88	17.84			
20	256QAM	50	24	17.75	17.79	17.72	19	5	
20	256QAM	50	50	17.78	17.87	17.81			
20	256QAM	100	0	17.84	17.86	17.74			
Channel				37675	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2917.5	2922.5	2912.5			
15	QPSK	1	0	22.20	22.30	22.27			
15	QPSK	1	37	22.12	22.21	22.05	24	0	
15	QPSK	1	74	22.12	22.15	22.14			
15	QPSK	36	0	21.31	21.37	21.28			
15	QPSK	36	20	21.31	21.37	21.41			
15	QPSK	36	39	21.29	21.33	21.22	23	1	
15	QPSK	75	0	21.13	21.31	21.19			
15	16QAM	1	0	21.16	21.22	21.19			
15	16QAM	1	37	21.14	21.13	21.10	23	1	
15	16QAM	1	74	21.02	21.13	21.13			
15	16QAM	36	0	20.75	20.81	20.73			
15	16QAM	36	20	20.68	20.72	20.73	22	2	
15	16QAM	36	39	20.66	20.71	20.67			
15	16QAM	75	0	20.69	20.74	20.75			
15	64QAM	1	0	20.80	20.83	20.80			
15	64QAM	1	37	20.82	20.81	20.75	22	2	
15	64QAM	1	74	20.77	20.81	20.78			
15	64QAM	36	0	19.64	19.79	19.71			
15	64QAM	36	20	19.77	19.84	19.80			
15	64QAM	36	39	19.71	19.80	19.68	21	3	
15	64QAM	75	0	19.73	19.79	19.73			
15	256QAM	1	0	17.78	17.82	17.74			
15	256QAM	1	37	17.70	17.72	17.65	19	5	
15	256QAM	1	74	17.70	17.73	17.67			
15	256QAM	36	0	17.75	17.83	17.76			
15	256QAM	36	20	17.72	17.69	17.65	19	5	
15	256QAM	36	39	17.69	17.84	17.79			
15	256QAM	75	0	17.82	17.78	17.72			
Channel				37700	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2975	2995	2815			
10	QPSK	1	0	22.14	22.34	22.26			
10	QPSK	1	25	22.12	22.26	22.03	24	0	
10	QPSK	1	49	22.05	22.12	22.13			
10	QPSK	25	0	21.34	21.34	21.30			
10	QPSK	25	12	21.29	21.37	21.41			
10	QPSK	25	25	21.22	21.31	21.24	23	1	
10	QPSK	50	0	21.18	21.24	21.29			
10	16QAM	1	0	21.18	21.24	21.13			
10	16QAM	1	25	21.12	21.17	21.09	23	1	
10	16QAM	1	49	21.09	21.19	21.15			
10	16QAM	25	0	20.83	20.84	20.74			
10	16QAM	25	12	20.67	20.76	20.76	22	2	
10	16QAM	25	25	20.70	20.77	20.63			
10	16QAM	50	0	20.65	20.79	20.74			
10	64QAM	1	0	20.77	20.83	20.77			
10	64QAM	1	25	20.79	20.82	20.73	22	2	
10	64QAM	1	49	20.77	20.82	20.77			
10	64QAM	25	0	19.61	19.80	19.66			
10	64QAM	25	12	19.76	19.81	19.81			
10	64QAM	25	25	19.70	19.80	19.68	21	3	
10	64QAM	50	0	19.72	19.83	19.75			
10	256QAM	1	0	17.75	17.80	17.75			
10	256QAM	1	25	17.72	17.71	17.67	19	5	
10	256QAM	1	49	17.73	17.70	17.60			
10	256QAM	25	0	17.71	17.83	17.80			
10	256QAM	25	12	17.73	17.69	17.66	19	5	
10	256QAM	25	25	17.69	17.79	17.79			
10	256QAM	50	0	17.75	17.79	17.68			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2172.5	2195	2017.5			
5	QPSK	1	0	22.20	22.31	22.24			
5	QPSK	1	12	22.10	22.19	22.03	24	0	
5	QPSK	1	24	22.07	22.13	22.08			
5	QPSK	12	0	21.38	21.38	21.29			
5	QPSK	12	7	21.38	21.41	21.34			
5	QPSK	12	13	21.28	21.31	21.30	23	1	
5	QPSK	25	0	21.15	21.23	21.22			
5	16QAM	1	0	21.15	21.15	21.12			
5	16QAM	1	12	21.13	21.15	21.12	23	1	
5	16QAM	1	24	21.04	21.22	21.13			
5	16QAM	12	0	20.81	20.82	20.77			
5	16QAM	12	7	20.67	20.71	20.74	22	2	
5	16QAM	12	13	20.69	20.74	20.70			
5	16QAM	25	0	20.73	20.79	20.68			
5	64QAM	1	0	20.78	20.84	20.83			
5	64QAM	1	12	20.79	20.83	20.72	22	2	
5	64QAM	1	24	20.77	20.79	20.83			
5	64QAM	12	0	19.68	19.78	19.69			
5	64QAM	12	7	19.71	19.78	19.73	21	3	
5	64QAM	12	13	19.76	19.82	19.69			
5	64QAM	25	0	19.71	19.80	19.79			
5	256QAM	1	0	17.79	17.79	17.82			
5	256QAM	1	12	17.70	17.72	17.72	19	5	
5	256QAM	1	24	17.69	17.77	17.69			
5	256QAM	12	0	17.74	17.78	17.77			
5	256QAM	12	7	17.66	17.71	17.66	19	5	
5	256QAM	12	13	17.68	17.86	17.78			
5	256QAM	25	0	17.75	17.83	17.74			

LTE Band 41 Ant1 Other_PA										
Band	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40180	40620	41055	41490		
Frequency (MHz)				2905	2949.5	2993	3038.5	3080		
20	QPSK	1	0	22.15	22.41	22.45	22.35	22.21		
20	QPSK	1	49	22.20	22.21	22.25	22.34	22.17	24	0
20	QPSK	1	99	22.16	22.11	22.21	22.13	22.14		
20	QPSK	50	0	21.22	21.21	21.26	21.19	21.24		
20	QPSK	50	24	21.07	21.16	21.16	21.16	21.13	21.08	
20	QPSK	50	50	21.19	21.21	21.22	21.15	21.18	23	1
20	QPSK	100	0	21.18	21.18	21.21	21.19	21.19		
20	16QAM	1	0	21.30	21.31	21.33	21.24	21.25		
20	16QAM	1	49	21.16	21.21	21.25	21.24	21.16	23	1
20	16QAM	1	99	21.19	21.25	21.27	21.20	21.21		
20	16QAM	50	0	20.20	20.19	20.28	20.17	20.26		
20	16QAM	50	24	20.18	20.11	20.22	20.17	20.14		
20	16QAM	50	50	20.19	20.24	20.25	20.15	20.17	22	2
20	16QAM	100	0	20.16	20.14	20.25	20.20	20.20		
20	64QAM	1	0	20.28	20.25	20.31	20.26	20.28		
20	64QAM	1	49	20.26	20.20	20.30	20.21	20.22	22	2
20	64QAM	1	99	20.23	20.15	20.25	20.16	20.18		
20	64QAM	50	0	19.30	19.26	19.33	19.23	19.22		
20	64QAM	50	24	19.23	19.21	19.31	19.21	19.20	21	3
20	64QAM	50	50	19.19	19.21	19.27	19.24	19.21		
20	64QAM	100	0	19.15	19.19	19.26	19.20	19.16		
20	256QAM	1	0	17.76	17.80	17.83	17.80	17.79		
20	256QAM	1	49	17.71	17.73	17.78	17.74	17.72	19	5
20	256QAM	1	99	17.66	17.69	17.74	17.65	17.66		
20	256QAM	50	0	17.63	17.67	17.73	17.68	17.62		
20	256QAM	50	24	17.76	17.72	17.80	17.74	17.74	19	5
20	256QAM	50	50	17.66	17.66	17.72	17.64	17.68		



Reduced Power Mode for DSI2

GSM850 Ant 0 DSI2													
<GSM>													
GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)					
	126	169	261		126	169	261						
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8						
Frequency (MHz)													
GSM 1 Tx slot	32.27	32.38	32.41	33.50	23.27	23.38	23.41	24.50					
GPRS 1 Tx slots	32.26	32.37	32.41	33.50	23.26	23.37	23.41	24.50					
GPRS 2 Tx slots	30.28	30.48	30.47	31.50	24.28	24.48	24.47	25.50					
GPRS 3 Tx slots	28.42	28.48	28.58	29.50	24.16	24.22	24.32	25.24					
GPRS 4 Tx slots	26.14	26.24	26.42	27.50	23.14	23.24	23.42	24.50					
EDGE 1 Tx slot	24.70	24.98	24.77	26.00	15.70	15.98	15.77	17.00					
EDGE 2 Tx slots	24.75	24.81	24.78	25.50	18.75	18.81	18.78	19.50					
EDGE 3 Tx slots	23.82	23.78	23.87	25.00	19.96	19.92	19.81	20.74					
EDGE 4 Tx slots	21.33	21.44	21.32	22.50	18.33	18.44	18.32	19.50					
GSM1900 Ant 0 DSI2													
<GSM>													
GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)					
	512	661	810		512	661	810						
TX Channel	1850.2	1850	1850.8		1850.2	1850	1850.8						
Frequency (MHz)													
GSM 1 Tx slot	29.15	29.41	29.55	30.50	20.15	20.41	20.55	21.50					
GPRS 1 Tx slot	29.13	29.34	29.50	30.50	20.13	20.34	20.50	21.50					
GPRS 2 Tx slots	26.97	27.26	27.18	28.50	20.97	21.26	21.18	22.50					
GPRS 3 Tx slots	25.30	25.48	25.88	26.50	21.04	21.22	21.42	22.24					
GPRS 4 Tx slots	23.51	23.73	23.53	25.50	20.51	20.73	20.53	22.50					
EDGE 1 Tx slot	25.21	24.84	24.72	26.00	16.21	15.94	15.72	17.00					
EDGE 2 Tx slots	25.11	24.85	24.74	25.50	19.11	18.85	18.74	19.50					
EDGE 3 Tx slots	23.35	23.01	22.86	24.00	19.09	18.75	18.60	19.74					
EDGE 4 Tx slots	21.37	21.03	20.91	22.00	18.37	18.03	17.91	19.00					
<WCDMA>													
WCDMA II Ant 0 DSI2				WCDMA IV Ant 0 DSI2				WCDMA V Ant 0 DSI2					
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V				
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1920.4	1900	1907.6	1770.4	1750.6	1750.6	826.4	836.4	846.6				
3GPP Rel 99	AMR 12.2Kbps	22.38	22.47	22.38	24.00	22.41	22.46	22.46	24.00	22.52	22.78	22.62	24.00
3GPP Rel 99	RMC 12.2Kbps	22.44	22.51	22.50	24.00	22.52	22.53	22.51	24.00	22.54	22.88	22.69	24.00
3GPP Rel 6	HSDPA Subtest-1	21.42	21.43	21.55	23.00	21.28	21.25	21.40	23.00	21.53	21.91	21.67	23.00
3GPP Rel 6	HSDPA Subtest-2	21.51	21.52	21.45	23.00	21.35	21.46	21.34	23.00	21.65	21.70	21.70	23.00
3GPP Rel 6	HSDPA Subtest-3	20.88	20.97	20.84	22.50	20.79	20.90	20.86	22.50	21.02	21.19	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	20.92	21.10	20.99	22.50	20.74	20.97	20.79	22.50	20.95	21.21	21.11	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.39	21.47	21.57	23.00	21.32	21.36	21.44	23.00	21.68	21.62	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.44	21.46	21.58	23.00	21.25	21.34	21.51	23.00	21.49	21.57	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.99	21.05	20.88	22.50	20.95	20.98	20.86	22.50	21.19	21.26	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.00	20.99	20.93	22.50	20.86	20.89	20.81	22.50	21.25	21.11	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	21.45	21.49	21.48	23.00	21.40	21.39	21.31	23.00	21.76	21.69	21.56	23.00
3GPP Rel 6	HSUPA Subtest-2	19.36	19.46	19.43	21.00	19.17	19.29	19.25	21.00	19.52	19.60	19.46	21.00
3GPP Rel 6	HSUPA Subtest-3	20.49	20.42	20.41	22.00	20.44	20.35	20.20	22.00	20.66	20.66	20.43	22.00
3GPP Rel 6	HSUPA Subtest-4	19.40	19.59	19.48	21.00	19.31	19.43	19.38	21.00	19.60	19.74	19.67	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.44	21.57	23.00	21.31	21.30	21.36	23.00	21.66	21.56	21.67	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.01	18.97	19.00	20.50	18.95	18.76	18.88	20.50	19.29	19.10	19.25	20.50



LTE Band 2 Ant0 Main_PA DS12										
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Frequency (MHz)	Time-up limit (min)	MPR (dB)	
Channel				18750	18800	19100				
20	QPSK	1	0	22.46	23.00	22.40				
20	QPSK	1	49	22.57	23.02	22.47				
20	QPSK	1	98	22.66	23.03	22.48				24
20	QPSK	1	147	22.75	23.04	22.49				
20	QPSK	30	24	22.68	23.04	22.48				23
20	QPSK	30	73	22.77	23.05	22.49				
20	QPSK	30	122	22.86	23.06	22.50				
20	QPSK	30	171	22.95	23.07	22.51				
20	QPSK	30	220	23.04	23.08	22.52				
20	QPSK	30	269	23.13	23.09	22.53				
20	QPSK	30	318	23.22	23.10	22.54				
20	QPSK	30	367	23.31	23.11	22.55				
20	QPSK	30	416	23.40	23.12	22.56				
20	QPSK	30	465	23.49	23.13	22.57				
20	QPSK	30	514	23.58	23.14	22.58				
20	QPSK	30	563	23.67	23.15	22.59				
20	QPSK	30	612	23.76	23.16	22.60				
20	QPSK	30	661	23.85	23.17	22.61				
20	QPSK	30	710	23.94	23.18	22.62				
20	QPSK	30	759	24.03	23.19	22.63				
20	QPSK	30	808	24.12	23.20	22.64				
20	QPSK	30	857	24.21	23.21	22.65				
20	QPSK	30	906	24.30	23.22	22.66				
20	QPSK	30	955	24.39	23.23	22.67				
20	QPSK	30	1004	24.48	23.24	22.68				
20	QPSK	30	1053	24.57	23.25	22.69				
20	QPSK	30	1102	24.66	23.26	22.70				
20	QPSK	30	1151	24.75	23.27	22.71				
20	QPSK	30	1200	24.84	23.28	22.72				
20	QPSK	30	1249	24.93	23.29	22.73				
20	QPSK	30	1298	25.02	23.30	22.74				
20	QPSK	30	1347	25.11	23.31	22.75				
20	QPSK	30	1396	25.20	23.32	22.76				
20	QPSK	30	1445	25.29	23.33	22.77				
20	QPSK	30	1494	25.38	23.34	22.78				
20	QPSK	30	1543	25.47	23.35	22.79				
20	QPSK	30	1592	25.56	23.36	22.80				
20	QPSK	30	1641	25.65	23.37	22.81				
20	QPSK	30	1690	25.74	23.38	22.82				
20	QPSK	30	1739	25.83	23.39	22.83				
20	QPSK	30	1788	25.92	23.40	22.84				
20	QPSK	30	1837	26.01	23.41	22.85				
20	QPSK	30	1886	26.10	23.42	22.86				
20	QPSK	30	1935	26.19	23.43	22.87				
20	QPSK	30	1984	26.28	23.44	22.88				
20	QPSK	30	2033	26.37	23.45	22.89				
20	QPSK	30	2082	26.46	23.46	22.90				
20	QPSK	30	2131	26.55	23.47	22.91				
20	QPSK	30	2180	26.64	23.48	22.92				
20	QPSK	30	2229	26.73	23.49	22.93				
20	QPSK	30	2278	26.82	23.50	22.94				
20	QPSK	30	2327	26.91	23.51	22.95				
20	QPSK	30	2376	27.00	23.52	22.96				
20	QPSK	30	2425	27.09	23.53	22.97				
20	QPSK	30	2474	27.18	23.54	22.98				
20	QPSK	30	2523	27.27	23.55	22.99				
20	QPSK	30	2572	27.36	23.56	23.00				
20	QPSK	30	2621	27.45	23.57	23.01				
20	QPSK	30	2670	27.54	23.58	23.02				
20	QPSK	30	2719	27.63	23.59	23.03				
20	QPSK	30	2768	27.72	23.60	23.04				
20	QPSK	30	2817	27.81	23.61	23.05				
20	QPSK	30	2866	27.90	23.62	23.06				
20	QPSK	30	2915	27.99	23.63	23.07				
20	QPSK	30	2964	28.08	23.64	23.08				
20	QPSK	30	3013	28.17	23.65	23.09				
20	QPSK	30	3062	28.26	23.66	23.10				
20	QPSK	30	3111	28.35	23.67	23.11				
20	QPSK	30	3160	28.44	23.68	23.12				
20	QPSK	30	3209	28.53	23.69	23.13				
20	QPSK	30	3258	28.62	23.70	23.14				
20	QPSK	30	3307	28.71	23.71	23.15				
20	QPSK	30	3356	28.80	23.72	23.16				
20	QPSK	30	3405	28.89	23.73	23.17				
20	QPSK	30	3454	28.98	23.74	23.18				
20	QPSK	30	3503	29.07	23.75	23.19				
20	QPSK	30	3552	29.16	23.76	23.20				
20	QPSK	30	3601	29.25	23.77	23.21				
20	QPSK	30	3650	29.34	23.78	23.22				
20	QPSK	30	3699	29.43	23.79	23.23				
20	QPSK	30	3748	29.52	23.80	23.24				
20	QPSK	30	3797	29.61	23.81	23.25				
20	QPSK	30	3846	29.70	23.82	23.26				
20	QPSK	30	3895	29.79	23.83	23.27				
20	QPSK	30	3944	29.88	23.84	23.28				
20	QPSK	30	3993	29.97	23.85	23.29				
20	QPSK	30	4042	30.06	23.86	23.30				
20	QPSK	30	4091	30.15	23.87	23.31				
20	QPSK	30	4140	30.24	23.88	23.32				
20	QPSK	30	4189	30.33	23.89	23.33				
20	QPSK	30	4238	30.42	23.90	23.34				
20	QPSK	30	4287	30.51	23.91	23.35				
20	QPSK	30	4336	30.60	23.92	23.36				
20	QPSK	30	4385	30.69	23.93	23.37				
20	QPSK	30	4434	30.78	23.94	23.38				
20	QPSK	30	4483	30.87	23.95	23.39				
20	QPSK	30	4532	30.96	23.96	23.40				
20	QPSK	30	4581	31.05	23.97	23.41				
20	QPSK	30	4630	31.14	23.98	23.42				
20	QPSK	30	4679	31.23	23.99	23.43				
20	QPSK	30	4728	31.32	24.00	23.44				
20	QPSK	30	4777	31.41	24.01	23.45				
20	QPSK	30	4826	31.50	24.02	23.46				
20	QPSK	30	4875	31.59	24.03	23.47				
20	QPSK	30	4924	31.68	24.04	23.48				
20	QPSK	30	4973	31.77	24.05	23.49				
20	QPSK	30	5022	31.86	24.06	23.50				
20	QPSK	30	5071	31.95	24.07	23.51				
20	QPSK	30	5120	32.04	24.08	23.52				
20	QPSK	30	5169	32.13	24.09	23.53				
20	QPSK	30	5218	32.22	24.10	23.54				
20	QPSK	30	5267	32.31	24.11	23.55				
20	QPSK	30	5316	32.40	24.12	23.56				
20	QPSK	30	5365	32.49	24.13	23.57				
20	QPSK	30	5414	32.58	24.14	23.58				
20	QPSK	30	5463	32.67	24.15	23.59				
20	QPSK	30	5512	32.76	24.16	23.60				
20	QPSK	30	5561	32.85	24.17	23.61				
20	QPSK	30	5610	32.94	24.18	23.62				
20	QPSK	30	5659	33.03	24.19	23.63				
20	QPSK	30	5708	33.12	24.20	23.64				
20	QPSK	30	5757	33.21	24.21	23.65				
20	QPSK	30	5806	33.30	24.22	23.66				
20	QPSK	30	5855	33.39	24.23	23.67				
20	QPSK	30	5904	33.48	24.24	23.68				
20	QPSK	30	5953	33.57	24.25	23.69				
20	QPSK	30	6002	33.66	24.26	23.70				
20	QPSK	30	6051	33.75	24.27	23.71				
20	QPSK	30	6100	33.84	24.28	23.72				
20	QPSK	30	6149	33.93	24.29	23.73				
20	QPSK	30	6198	34.02	24.30	23.74				
20	QPSK	30	6247	34.11	24.31	23.75				
20	QPSK	30	6296	34.20	24.32	23.76				
20	QPSK	30	6345	34.29	24.33	23.77				
20	QPSK	30	6394	34.38	24.34	23.78				
20	QPSK	30	6443	34.47	24.35	23.79				
20	QPSK	30	6492	34.56	24.36	23.80				
20	QPSK	30	6541	34.65	24.37	23.81				
20	QPSK	30	6590	34.74	24.38	23.82				
20	QPSK	30	6639	34.83	24.39	23.83				
20	QPSK	30	6688	34.92	24.40	23.84				
20	QPSK	30	6737	35.01	24.41	23.85				
20	QPSK	30	6786	35.10	24.42	23.86				
20	QPSK	30	6835	35.19	24.43	23.87				
20	QPSK	30	6884	35.28	24.44	23.88				
20	QPSK	30	6933	35.37	24.45	23.89				
20	QPSK	30	6982	35.46	24.46	23.90				
20	QPSK	30	7031	35.55	24.47	23.91				



LTE Band 12 Ant0 Main_PA DSI2													
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Frequency (MHz)	MFR (dB)	1 Tune-up-2	2 Tune-up	Time-up time (min)	MFR (dB)	
Channel										2305	2305	2310	
Frequency (MHz)													
10	QPSK	1	0	22.67	22.67	22.67	2305	0.96	0.96	1.14	1.14	24	0
10	QPSK	1	25	22.68	22.72	22.71	22.68	1.02	1.02	1.14	1.14	24	0
10	QPSK	1	49	22.71	22.79	22.77	22.68	1.12	1.12	1.14	1.14	24	0
10	QPSK	5	0	21.80	22.01	21.91	21.80	0.81	0.81	1.00	1.00	23	1
10	QPSK	5	12	21.82	21.84	21.81	21.86	1.01	1.01	1.00	1.00	23	1
10	QPSK	5	25	21.89	22.00	21.92	21.81	1.09	1.09	1.00	1.00	23	1
10	QPSK	5	37	21.92	22.01	21.93	21.86	1.06	1.06	1.00	1.00	23	1
10	SCDMA	1	0	21.79	21.89	21.83	21.80	0.96	0.96	1.00	1.00	23	1
10	SCDMA	1	25	21.80	21.97	21.88	22.02	1.08	1.08	1.00	1.00	23	1
10	SCDMA	1	49	21.86	21.88	21.86	21.86	1.14	1.14	1.00	1.00	23	1
10	SCDMA	5	0	20.92	20.97	20.93	20.95	0.95	0.95	1.00	1.00	22	2
10	SCDMA	5	12	20.99	20.99	20.98	20.95	1.05	1.05	1.00	1.00	22	2
10	SCDMA	5	25	20.95	20.94	20.97	20.95	1.00	1.00	1.00	1.00	22	2
10	SCDMA	5	37	20.79	20.99	20.92	20.91	1.10	1.10	1.00	1.00	22	2
10	SCDMA	1	0	19.83	19.93	19.91	19.86	0.94	0.94	1.00	1.00	21	3
10	SCDMA	1	25	19.79	19.87	19.86	19.87	1.09	1.09	1.00	1.00	21	3
10	SCDMA	1	49	19.86	19.86	19.76	19.83	1.17	1.17	1.00	1.00	21	3
10	SCDMA	5	0	19.80	19.89	19.86	19.87	1.07	1.07	1.00	1.00	21	3
10	SCDMA	5	12	19.80	19.99	19.86	19.92	1.08	1.08	1.00	1.00	21	3
10	SCDMA	5	25	19.86	19.86	19.84	19.81	1.07	1.07	1.00	1.00	21	3
10	SCDMA	5	37	19.82	19.89	19.81	19.84	1.06	1.06	1.00	1.00	21	3
10	ZSSCDM	1	0	17.63	17.67	17.67	17.63	1.07	1.07	1.00	1.00	19	5
10	ZSSCDM	1	25	17.66	17.66	17.61	17.64	1.06	1.06	1.00	1.00	19	5
10	ZSSCDM	1	49	17.67	17.69	17.62	17.61	1.10	1.10	1.00	1.00	19	5
10	ZSSCDM	5	0	17.62	17.66	17.63	17.61	1.08	1.08	1.00	1.00	19	5
10	ZSSCDM	5	12	17.63	17.64	17.62	17.62	1.09	1.09	1.00	1.00	19	5
10	ZSSCDM	5	25	17.63	17.64	17.63	17.66	1.06	1.06	1.00	1.00	19	5
10	ZSSCDM	5	37	17.63	17.64	17.63	17.66	1.06	1.06	1.00	1.00	19	5
Channel													
Frequency (MHz)													
5	QPSK	1	0	22.61	22.75	22.68	22.62	1.16	1.07	1.14	1.14	24	0
5	QPSK	1	12	22.54	22.67	22.58	22.60	1.24	1.11	1.14	1.14	24	0
5	QPSK	1	24	22.60	22.68	22.64	22.69	1.24	1.24	1.14	1.14	24	0
5	QPSK	5	0	21.80	21.80	21.80	21.80	0.80	0.80	1.00	1.00	23	1
5	QPSK	5	12	21.80	21.84	21.78	21.82	1.16	1.06	1.00	1.00	23	1
5	QPSK	5	25	21.80	21.90	21.84	21.84	1.26	1.22	1.00	1.00	23	1
5	QPSK	5	37	21.81	21.84	21.81	21.80	1.14	1.06	1.00	1.00	23	1
5	SCDMA	1	0	21.72	21.80	21.64	21.80	1.04	1.13	1.00	1.00	23	1
5	SCDMA	1	12	21.80	21.93	21.78	21.80	1.15	1.02	1.00	1.00	23	1
5	SCDMA	1	24	21.84	21.79	21.79	21.79	1.07	1.29	1.00	1.00	23	1
5	SCDMA	5	0	20.86	20.73	20.75	20.76	1.24	1.12	1.00	1.00	22	2
5	SCDMA	5	12	20.72	20.87	20.71	20.81	1.24	1.15	1.00	1.00	22	2
5	SCDMA	5	25	20.64	20.92	20.72	20.72	1.07	1.29	1.00	1.00	22	2
5	SCDMA	5	37	20.68	20.85	20.82	20.79	1.32	1.21	1.00	1.00	22	2
5	SCDMA	1	0	19.89	19.84	19.82	19.81	1.13	1.05	1.00	1.00	21	3
5	SCDMA	1	12	19.85	19.91	19.72	19.83	1.17	1.11	1.00	1.00	21	3
5	SCDMA	1	24	19.85	19.85	19.76	19.79	1.09	1.09	1.00	1.00	21	3
5	SCDMA	5	0	19.88	19.80	19.82	19.80	1.15	1.04	1.00	1.00	21	3
5	ZSSCDM	1	0	17.74	17.74	17.74	17.72	1.30	1.17	1.00	1.00	19	5
5	ZSSCDM	1	12	17.69	17.61	17.72	17.72	1.30	1.29	1.00	1.00	19	5
5	ZSSCDM	1	24	17.61	17.73	17.68	17.68	1.30	1.27	1.00	1.00	19	5
5	ZSSCDM	5	0	17.61	17.61	17.56	17.54	1.29	1.04	1.00	1.00	19	5
5	ZSSCDM	5	12	17.61	17.77	17.72	17.72	1.29	1.29	1.00	1.00	19	5
5	ZSSCDM	5	25	17.61	17.62	17.63	17.63	1.29	1.18	1.00	1.00	19	5
Channel													
Frequency (MHz)													
3	QPSK	1	0	22.73	22.77	22.73	22.73	1.16	1.07	1.14	1.14	24	0
3	QPSK	1	8	22.68	22.68	22.58	22.58	1.24	1.24	1.14	1.14	24	0
3	QPSK	1	16	22.66	22.68	22.58	22.58	1.24	1.24	1.14	1.14	24	0
3	QPSK	5	0	21.80	21.80	21.80	21.80	0.80	0.80	1.00	1.00	23	1
3	QPSK	5	4	21.80	21.83	21.81	21.77	1.16	1.06	1.00	1.00	23	1
3	QPSK	5	7	21.80	21.84	21.81	21.81	1.26	1.22	1.00	1.00	23	1
3	QPSK	5	10	21.80	21.88	21.84	21.84	1.44	1.20	1.00	1.00	23	1
3	SCDMA	1	0	21.74	21.80	21.80	21.80	1.04	1.13	1.00	1.00	23	1
3	SCDMA	1	8	21.80	21.88	21.73	21.73	1.15	1.02	1.00	1.00	23	1
3	SCDMA	1	16	21.81	21.81	21.76	21.76	1.07	1.29	1.00	1.00	23	1
3	SCDMA	5	0	20.72	20.83	20.70	20.76	1.24	1.12	1.00	1.00	22	2
3	SCDMA	5	4	20.80	20.95	20.80	20.81	1.24	1.15	1.00	1.00	22	2
3	SCDMA	5	7	20.67	20.88	20.70	20.70	1.07	1.29	1.00	1.00	22	2
3	SCDMA	5	10	20.62	20.84	20.79	20.79	1.32	1.21	1.00	1.00	22	2
3	SCDMA	1	0	19.70	19.82	19.79	19.79	1.13	1.05	1.00	1.00	21	3
3	SCDMA	1	8	19.75	19.81	19.74	19.74	1.17	1.11	1.00	1.00	21	3
3	SCDMA	1	16	19.76	19.86	19.79	19.79	1.09	1.09	1.00	1.00	21	3
3	SCDMA	5	0	19.75	19.88	19.89	19.89	1.15	1.04	1.00	1.00	21	3
3	SCDMA	5	4	19.70	19.88	19.89	19.89	1.15	1.04	1.00	1.00	21	3
3	SCDMA	5	7	19.80	19.85	19.74	19.74	1.07	1.29	1.00	1.00	21	3
3	SCDMA	5	10	19.84	19.71	19.72	19.72	1.30	1.17	1.00	1.00	21	3
3	ZSSCDM	1	0	17.69	17.68	17.76	17.76	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	1	8	17.67	17.67	17.67	17.67	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	1	16	17.70	17.66	17.67	17.67	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	5	0	17.67	17.79	17.67	17.67	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	5	4	17.63	17.69	17.69	17.69	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	5	7	17.62	17.79	17.77	17.77	1.30	1.17	1.00	1.00	19	5
3	ZSSCDM	5	10	17.73	17.67	17.66	17.66	1.30	1.17	1.00	1.00	19	5
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	22.63	22.79	22.67	22.67	1.16	1.07	1.14	1.14	24	0
1.4	QPSK	1	3	22.56	22.84	22.65	22.65	1.24	1.11	1.14	1.14	24	0
1.4	QPSK	1	5	22.60	22.87	22.64	22.64	1.24	1.24	1.14	1.14	24	0
1.4	QPSK	3	0	22.50	22.70	22.61	22.61	1.16	1.06	1.00	1.00	23	1
1.4	QPSK	3	1	22.53	22.80	22.61	22.61	1.26	1.22	1.00	1.00	23	1
1.4	QPSK	3	3	22.47	22.75	22.72	22.72	1.26	1.22	1.00	1.00	23	1
1.4	QPSK	5	0	21.80	21.74	21.80	21.80	0.80	0.80	1.00	1.00	23	1
1.4	SCDMA	1	0	21.82	21.88	21.74	21.74	1.15	1.02	1.00	1.00	23	1
1.4	SCDMA	1	3	21.80	21.91	21.80	21.80	1.15	1.02	1.00	1.00	23	1
1.4	SCDMA	1	5	21.82	21.76	21.80	21.80	1.07	1.29	1.00	1.00	23	1
1.4	SCDMA	5	0	21.50	21.80	21.78	21.78	1.24	1.12	1.00	1.00	22	2
1.4	SCDMA	5	1	21.63	21.92	21.82	21.82	1.24	1.12	1.00	1.00	22	2
1.4	SCDMA	5	3	20.40	20.74	20.77	20.77	1.07	1.29	1.00	1.00	22	2
1.4	SCDMA	1	0	20.90	20.66	20.79	20.79	1.24	1.15	1.00	1.00	22	2
1.4	SCDMA	1	3	20.64	21.00	20.76	20.76	1.07	1.29	1.00	1.00	22	2
1.4	SCDMA	1	5	20.70	20.69	20.60	20.60	1.07	1.29	1.00	1.00	22	2
1.4	SCDMA	3	0	20.59	20.84	20.83	20.83	1.13	1.05	1.00	1.00	21	3
1.4	SCDMA	3	1	20.55	20.91	20.83	20.83	1.13	1.05	1.00	1.00	21	3
1.4	SCDMA	3	3	20.51	20.83	20.83	20.83	1.13	1.05	1.00	1.00	21	3
1.4	SCDMA	5	0	19.84									



LTE Band 25 Ant0 Main_PA DS12										
BW (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Frequency (MHz)	MIMO	MBS	MBS (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.10	23.13	23.08	24	0		
20	QPSK	1	48	23.02	23.07	23.06	24	0		
20	QPSK	1	96	23.01	23.06	23.05	24	0		
20	QPSK	1	144	23.11	23.16	23.10	24	0		
20	QPSK	50	24	23.04	23.09	23.07	23	1		
20	QPSK	50	72	23.09	23.14	23.08	23	1		
20	QPSK	50	120	23.11	23.16	23.10	23	1		
20	QPSK	50	168	23.09	23.14	23.10	23	1		
20	QPSK	1	0	23.09	23.16	23.10	23	1		
20	QPSK	1	48	23.16	23.22	23.21	23	1		
20	QPSK	1	96	23.15	23.26	23.24	23	1		
20	QPSK	50	24	23.05	23.14	23.09	22	2		
20	QPSK	50	72	23.04	23.12	23.08	22	2		
20	QPSK	50	120	23.08	23.17	23.11	22	2		
20	QPSK	1	0	23.06	23.13	23.11	22	2		
20	QPSK	1	48	23.17	23.28	23.24	22	2		
20	QPSK	1	96	23.08	23.19	23.16	22	2		
20	QPSK	50	24	23.12	23.23	23.21	21	3		
20	QPSK	50	72	23.12	23.22	23.20	21	3		
20	QPSK	50	120	23.09	23.14	23.09	21	3		
20	QPSK	1	0	18.11	18.15	18.07	19	5		
20	QPSK	1	48	18.08	18.14	18.04	19	5		
20	QPSK	1	96	18.08	18.17	18.14	19	5		
20	QPSK	50	24	18.16	18.22	18.08	19	5		
20	QPSK	50	72	18.05	18.14	18.08	19	5		
20	QPSK	50	120	18.03	18.17	18.08	19	5		
20	QPSK	100	0	18.16	18.17	18.07	19	5		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.00	23.00	23.00	24	0		
15	QPSK	1	37	22.85	23.01	22.88	24	0		
15	QPSK	1	74	22.82	23.02	22.94	24	0		
15	QPSK	50	0	22.85	23.08	23.06	23	1		
15	QPSK	50	24	23.06	23.26	23.08	23	1		
15	QPSK	50	72	23.02	23.26	23.08	23	1		
15	QPSK	50	120	23.04	23.28	23.08	23	1		
15	QPSK	1	0	23.04	23.28	23.08	23	1		
15	QPSK	1	37	23.13	23.31	23.08	23	1		
15	QPSK	1	74	23.08	23.31	23.08	23	1		
15	QPSK	50	24	23.14	23.31	23.08	22	2		
15	QPSK	50	72	23.09	23.32	23.08	22	2		
15	QPSK	50	120	23.00	23.32	23.08	22	2		
15	QPSK	1	0	23.00	23.32	23.08	22	2		
15	QPSK	1	37	23.15	23.35	23.07	22	2		
15	QPSK	1	74	23.03	23.33	23.08	22	2		
15	QPSK	50	24	23.08	23.36	23.08	21	3		
15	QPSK	50	72	23.05	23.38	23.08	21	3		
15	QPSK	50	120	23.02	23.38	23.08	21	3		
15	QPSK	1	0	18.09	18.20	18.10	19	5		
15	QPSK	1	37	18.13	18.25	18.12	19	5		
15	QPSK	1	74	18.05	18.20	18.10	19	5		
15	QPSK	50	24	18.14	18.16	18.14	19	5		
15	QPSK	50	72	18.05	18.18	18.11	19	5		
15	QPSK	50	120	18.12	18.24	18.08	19	5		
15	QPSK	75	0	18.14	18.25	18.14	19	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.05	23.04	23.07	24	0		
10	QPSK	1	25	22.95	23.06	22.88	24	0		
10	QPSK	1	49	22.89	23.01	22.91	24	0		
10	QPSK	50	0	23.05	23.07	23.06	23	1		
10	QPSK	50	25	23.05	23.31	23.04	23	1		
10	QPSK	50	50	23.04	23.36	23.04	23	1		
10	QPSK	50	75	23.00	23.36	23.04	23	1		
10	QPSK	1	0	23.06	23.34	23.04	23	1		
10	QPSK	1	25	23.12	23.35	23.04	23	1		
10	QPSK	1	49	23.03	23.35	23.04	23	1		
10	QPSK	50	24	23.09	23.37	23.04	22	2		
10	QPSK	50	49	23.05	23.38	23.04	22	2		
10	QPSK	50	74	23.00	23.38	23.04	22	2		
10	QPSK	1	0	23.06	23.38	23.04	22	2		
10	QPSK	1	25	23.12	23.41	23.04	22	2		
10	QPSK	1	49	23.03	23.41	23.04	22	2		
10	QPSK	50	24	23.09	23.43	23.04	21	3		
10	QPSK	50	49	23.05	23.44	23.04	21	3		
10	QPSK	50	74	23.00	23.44	23.04	21	3		
10	QPSK	1	0	18.09	18.20	18.10	19	5		
10	QPSK	1	25	18.13	18.25	18.12	19	5		
10	QPSK	1	49	18.05	18.20	18.10	19	5		
10	QPSK	50	24	18.14	18.16	18.14	19	5		
10	QPSK	50	49	18.05	18.18	18.11	19	5		
10	QPSK	50	74	18.12	18.24	18.08	19	5		
10	QPSK	75	0	18.14	18.25	18.14	19	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.04	23.04	23.04	24	0		
5	QPSK	1	12	22.88	23.05	22.84	24	0		
5	QPSK	1	24	22.85	23.08	22.81	24	0		
5	QPSK	12	0	23.05	23.07	23.06	23	1		
5	QPSK	12	7	23.08	23.30	23.06	23	1		
5	QPSK	12	13	23.06	23.32	23.04	23	1		
5	QPSK	50	0	23.05	23.07	23.06	23	1		
5	QPSK	50	12	23.05	23.34	23.04	23	1		
5	QPSK	50	24	23.04	23.36	23.04	23	1		
5	QPSK	50	36	23.00	23.36	23.04	23	1		
5	QPSK	1	0	23.06	23.34	23.04	23	1		
5	QPSK	1	12	23.12	23.35	23.04	23	1		
5	QPSK	1	24	23.03	23.35	23.04	23	1		
5	QPSK	50	12	23.09	23.37	23.04	22	2		
5	QPSK	50	24	23.05	23.38	23.04	22	2		
5	QPSK	50	36	23.00	23.38	23.04	22	2		
5	QPSK	1	0	23.06	23.38	23.04	22	2		
5	QPSK	1	12	23.12	23.41	23.04	22	2		
5	QPSK	1	24	23.03	23.41	23.04	22	2		
5	QPSK	50	12	23.09	23.43	23.04	21	3		
5	QPSK	50	24	23.05	23.44	23.04	21	3		
5	QPSK	50	36	23.00	23.44	23.04	21	3		
5	QPSK	1	0	18.09	18.20	18.10	19	5		
5	QPSK	1	12	18.13	18.25	18.12	19	5		
5	QPSK	1	24	18.05	18.20	18.10	19	5		
5	QPSK	50	12	18.14	18.16	18.14	19	5		
5	QPSK	50	24	18.05	18.18	18.11	19	5		
5	QPSK	50	36	18.12	18.24	18.08	19	5		
5	QPSK	75	0	18.14	18.25	18.14	19	5		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.04	23.00	23.04	24	0		
3	QPSK	1	8	22.88	23.05	22.84	24	0		
3	QPSK	1	16	22.85	23.08	22.81	24	0		
3	QPSK	3	0	23.05	23.07	23.06	23	1		
3	QPSK	3	4	23.08	23.30	23.06	23	1		
3	QPSK	3	8	23.06	23.32	23.04	23	1		
3	QPSK	50	0	23.05	23.07	23.06	23	1		
3	QPSK	50	12	23.05	23.34	23.04	23	1		
3	QPSK	50	24	23.04	23.36	23.04	23	1		
3	QPSK	50	36	23.00	23.36	23.04	23	1		
3	QPSK	1	0	23.06	23.34	23.04	23	1		
3	QPSK	1	8	23.12	23.35	23.04	23	1		
3	QPSK	1	16	23.03	23.35	23.04	23	1		
3	QPSK	50	12	23.09	23.37	23.04	22	2		
3	QPSK	50	24	23.05	23.38	23.04	22	2		
3	QPSK	50	36	23.00	23.38	23.04	22	2		
3	QPSK	1	0	23.06	23.38	23.04	22	2		
3	QPSK	1	8	23.12	23.41	23.04	22	2		
3	QPSK	1	16	23.03	23.41	23.04	22	2		
3	QPSK	50	12	23.09	23.43	23.04	21	3		
3	QPSK	50	24	23.05	23.44	23.04	21	3		
3	QPSK	50	36	23.00	23.44	23.04	21	3		
3	QPSK	1	0	18.09	18.20	18.10	19	5		
3	QPSK	1	8	18.13	18.25	18.12	19	5		
3	QPSK	1	16	18.05	18.20	18.10	19	5		
3	QPSK	50	12	18.14	18.16	18.14	19	5		
3	QPSK	50	24	18.05	18.18	18.11	19	5		
3	QPSK	50	36	18.12	18.24	18.08	19	5		
3	QPSK	75	0	18.14	18.25	18.14	19	5		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.97	22.99	22.99	24	0		
1.4	QPSK	1	3	22.81	22.91	22.85	24	0		
1.4	QPSK	1	6	22.74	22.84	22.78	24	0		
1.4	QPSK	3	0	22.99	23.01	22.98	23	1		
1.4	QPSK	3	1	22.95	23.05	22.97	23	1		
1.4	QPSK	3	2	22.91	23.09	22.94				



LTE Band 7 Ant1 Main_PA DSI2										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Middle	High	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.15	23.21	22.91	24	0		
20	QPSK	1	49	22.93	23.17	22.98				
20	QPSK	1	99	22.97	23.15	22.85				
20	QPSK	50	0	22.02	22.29	21.98	23	1		
20	QPSK	50	24	22.09	22.28	21.95				
20	QPSK	50	50	22.03	22.27	22.03				
20	QPSK	100	0	22.06	22.30	21.91	23	1		
20	16QAM	1	0	22.03	22.14	21.91				
20	16QAM	1	49	22.10	22.17	22.04				
20	16QAM	1	99	22.17	22.15	21.90	22	2		
20	16QAM	50	0	21.06	21.24	21.05				
20	16QAM	50	24	21.03	21.13	21.04				
20	16QAM	50	50	21.12	21.19	20.90	22	2		
20	16QAM	100	0	21.11	21.18	20.89				
20	64QAM	1	0	21.11	21.24	21.06				
20	64QAM	1	49	21.03	21.19	20.94	21	3		
20	64QAM	1	99	21.03	21.16	21.06				
20	64QAM	50	0	20.18	20.14	19.92				
20	64QAM	50	24	20.16	20.20	20.07	19	5		
20	64QAM	50	50	20.19	20.30	20.02				
20	64QAM	100	0	20.16	20.13	19.90				
20	256QAM	1	0	18.13	18.20	17.83	19	5		
20	256QAM	1	49	18.22	18.28	17.99				
20	256QAM	1	99	18.20	18.27	17.88				
20	256QAM	50	0	18.18	18.29	17.97	19	5		
20	256QAM	50	24	18.22	18.29	17.86				
20	256QAM	50	50	18.12	18.13	17.89				
20	256QAM	100	0	18.23	18.13	17.88				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.11	23.17	22.84	24	0		
15	QPSK	1	37	22.88	23.15	22.93				
15	QPSK	1	74	22.90	23.09	22.81				
15	QPSK	36	0	22.00	22.24	21.93	23	1		
15	QPSK	36	20	22.05	22.22	21.92				
15	QPSK	36	39	21.97	22.25	21.96				
15	QPSK	75	0	22.02	22.27	21.88	23	1		
15	16QAM	1	0	21.98	22.10	21.86				
15	16QAM	1	37	22.05	22.14	22.01				
15	16QAM	1	74	22.11	22.10	21.86	22	2		
15	16QAM	36	0	21.06	21.18	20.99				
15	16QAM	36	20	20.96	21.08	20.99				
15	16QAM	36	39	21.05	21.14	20.85	22	2		
15	16QAM	75	0	21.04	21.12	20.83				
15	64QAM	1	0	21.06	21.20	21.01				
15	64QAM	1	37	20.99	21.11	20.91	21	3		
15	64QAM	1	74	20.99	21.11	21.02				
15	64QAM	36	0	20.13	20.09	19.84				
15	64QAM	36	20	20.09	20.16	20.05	19	5		
15	64QAM	36	39	20.13	20.28	20.00				
15	64QAM	75	0	20.09	20.06	19.87				
15	256QAM	1	0	18.15	18.15	17.92	19	5		
15	256QAM	1	37	18.19	18.26	17.87				
15	256QAM	1	74	18.16	18.14	17.83				
15	256QAM	36	0	18.15	18.25	17.88	19	5		
15	256QAM	36	20	18.11	18.28	17.97				
15	256QAM	36	39	18.14	18.23	17.96				
15	256QAM	75	0	18.10	18.25	17.93				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.10	23.18	22.87	24	0		
10	QPSK	1	25	22.99	23.14	22.91				
10	QPSK	1	49	22.92	23.09	22.79				
10	QPSK	25	0	22.00	22.25	21.92	23	1		
10	QPSK	25	12	22.06	22.21	21.89				
10	QPSK	25	25	21.99	22.20	21.95				
10	QPSK	50	0	22.02	22.22	21.87	23	1		
10	16QAM	1	0	22.00	22.08	21.85				
10	16QAM	1	25	22.06	22.12	22.01				
10	16QAM	1	49	22.11	22.11	21.86	22	2		
10	16QAM	25	0	21.02	21.18	21.02				
10	16QAM	25	12	20.97	21.07	20.98				
10	16QAM	25	25	21.05	21.13	20.82	22	2		
10	16QAM	50	0	21.05	21.12	20.85				
10	64QAM	1	0	21.04	21.21	21.03				
10	64QAM	1	25	20.98	21.11	20.88	21	3		
10	64QAM	1	49	20.98	21.13	21.02				
10	64QAM	25	0	20.12	20.06	19.84				
10	64QAM	25	12	20.10	20.15	20.01	19	5		
10	64QAM	25	25	20.15	20.26	19.97				
10	64QAM	50	0	20.12	20.07	19.86				
10	256QAM	1	0	18.10	18.25	17.95	19	5		
10	256QAM	1	25	18.13	18.26	17.92				
10	256QAM	1	49	18.14	18.13	17.95				
10	256QAM	25	0	18.11	18.27	17.94	19	5		
10	256QAM	25	12	18.17	18.28	17.86				
10	256QAM	25	25	18.09	18.23	17.92				
10	256QAM	50	0	18.20	18.18	17.87				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.10	23.14	22.88	24	0		
5	QPSK	1	12	22.89	23.10	22.92				
5	QPSK	1	24	22.93	23.10	22.80				
5	QPSK	12	0	21.96	22.24	21.98	23	1		
5	QPSK	12	7	22.03	22.23	21.92				
5	QPSK	12	13	21.97	22.23	21.99				
5	QPSK	25	0	22.05	22.26	21.88	23	1		
5	16QAM	1	0	21.98	22.10	21.83				
5	16QAM	1	12	22.03	22.10	22.01				
5	16QAM	1	24	22.12	22.08	21.85	22	2		
5	16QAM	12	0	21.04	21.19	20.97				
5	16QAM	12	7	20.99	21.09	20.98				
5	16QAM	12	13	21.06	21.14	20.88	22	2		
5	16QAM	25	0	21.07	21.12	20.86				
5	64QAM	1	0	21.05	21.20	21.03				
5	64QAM	1	12	21.00	21.14	20.91	21	3		
5	64QAM	1	24	21.00	21.14	21.02				
5	64QAM	12	0	20.12	20.08	19.88				
5	64QAM	12	7	20.12	20.13	19.99	19	5		
5	64QAM	12	13	20.11	20.28	19.97				
5	64QAM	25	0	20.09	20.07	19.82				
5	256QAM	1	0	18.14	18.19	17.94	19	5		
5	256QAM	1	12	18.23	18.15	17.82				
5	256QAM	1	24	18.21	18.18	17.93				
5	256QAM	12	0	18.24	18.28	17.91	19	5		
5	256QAM	12	7	18.07	18.30	17.89				
5	256QAM	12	13	18.20	18.24	17.85				
5	256QAM	25	0	18.09	18.29	17.88				



LTE Band 25 Ant4 Main_PA DS12										
RF MW	Modulation	RB Size	RB Offset	Power	Power	Power	Time-up time	MFR		
Channel				20140	20140	20100	(min)	(dB)		
Frequency (MHz)										
20	QPSK	1	0	17.78	17.80	17.77				
20	QPSK	1	48	17.84	17.87	17.73	10	0		
20	QPSK	1	96	17.78	17.81	17.80				
20	QPSK	50	0	17.78	17.81	17.77				
20	QPSK	50	24	17.73	17.88	17.86			10.5	0
20	QPSK	50	30	17.80	17.85	17.82				
20	QPSK	100	0	17.78	17.80	17.77				
20	SCDMA	1	0	17.71	17.87	17.86				
20	SCDMA	1	48	17.73	17.84	17.80	10	0		
20	SCDMA	1	96	17.88	17.86	17.86				
20	SCDMA	50	0	17.75	17.88	17.85				
20	SCDMA	50	24	17.80	17.81	17.76	10	0		
20	SCDMA	50	30	17.77	17.83	17.72				
20	SCDMA	100	0	17.80	17.85	17.75				
20	SCDMA	1	0	17.78	17.87	17.70				
20	SCDMA	1	48	17.78	17.84	17.79	10	0		
20	SCDMA	1	96	17.78	17.83	17.75				
20	SCDMA	50	0	17.77	17.87	17.84				
20	SCDMA	50	24	17.80	17.87	17.74				
20	SCDMA	50	30	17.74	17.86	17.86	10	0		
20	SCDMA	100	0	17.74	17.85	17.76				
20	SCDMA	1	0	15.68	15.79	15.57				
20	ZDSSM	1	48	15.68	15.74	15.53	17	2		
20	ZDSSM	1	96	15.68	15.81	15.56				
20	ZDSSM	50	0	15.68	15.78	15.51				
20	ZDSSM	50	24	15.68	15.82	15.59	17	2		
20	ZDSSM	50	30	15.68	15.87	15.61				
20	ZDSSM	100	0	15.57	15.82	15.51				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.68	17.61	17.61				
15	QPSK	1	27	17.78	17.63	17.62				
15	QPSK	1	74	17.68	17.66	17.74				
15	QPSK	36	0	17.75	17.74	17.71				
15	QPSK	36	20	17.67	17.74	17.48	10	0		
15	QPSK	36	36	17.61	17.66	17.85				
15	QPSK	72	0	17.72	17.63	17.68				
15	SCDMA	1	0	17.67	17.62	17.47				
15	SCDMA	1	27	17.68	17.63	17.76	10	0		
15	SCDMA	1	74	17.68	17.68	17.61				
15	SCDMA	36	0	17.64	17.75	17.94				
15	SCDMA	36	20	17.67	17.69	17.80				
15	SCDMA	36	36	17.71	17.62	17.55	10	0		
15	SCDMA	72	0	17.71	17.63	17.68				
15	SCDMA	1	0	17.73	17.71	17.53				
15	SCDMA	1	27	17.62	17.67	17.67	10	0		
15	SCDMA	1	74	17.61	17.68	17.58				
15	SCDMA	36	0	17.70	17.78	17.51				
15	SCDMA	36	20	17.62	17.69	17.47	10	0		
15	SCDMA	36	36	17.66	17.68	17.54				
15	SCDMA	72	0	17.75	17.60	17.75				
15	ZDSSM	1	0	15.53	15.74	15.41				
15	ZDSSM	1	27	15.46	15.65	15.56	17	2		
15	ZDSSM	1	74	15.51	15.70	15.51				
15	ZDSSM	36	0	15.53	15.62	15.45				
15	ZDSSM	36	20	15.51	15.70	15.44	17	2		
15	ZDSSM	36	36	15.43	15.84	15.40				
15	ZDSSM	72	0	15.48	15.86	15.48				
Channel										
Frequency (MHz)										
10	QPSK	1	0	17.78	17.76	17.71				
10	QPSK	1	25	17.68	17.67	17.60	10	0		
10	QPSK	1	48	17.78	17.66	17.64				
10	QPSK	25	0	17.68	17.74	17.56				
10	QPSK	25	12	17.61	17.73	17.56	10	0		
10	QPSK	25	25	17.62	17.73	17.74				
10	QPSK	50	0	17.68	17.69	17.67				
10	SCDMA	1	0	17.67	17.69	17.60				
10	SCDMA	1	25	17.68	17.76	17.67	10	0		
10	SCDMA	1	48	17.68	17.76	17.68				
10	SCDMA	25	0	17.67	17.65	17.59				
10	SCDMA	25	12	17.73	17.63	17.50	10	0		
10	SCDMA	25	25	17.68	17.68	17.64				
10	SCDMA	50	0	17.71	17.68	17.60				
10	SCDMA	1	0	17.78	17.62	17.55				
10	SCDMA	1	25	17.65	17.63	17.65	10	0		
10	SCDMA	1	48	17.68	17.77	17.60				
10	SCDMA	25	0	17.73	17.69	17.47				
10	SCDMA	25	12	17.62	17.61	17.39	10	0		
10	SCDMA	25	25	17.64	17.75	17.61				
10	SCDMA	50	0	17.65	17.63	17.76				
10	ZDSSM	1	0	15.48	15.62	15.54				
10	ZDSSM	1	25	15.48	15.68	15.56	17	2		
10	ZDSSM	1	48	15.51	15.75	15.56				
10	ZDSSM	25	0	15.58	15.67	15.53				
10	ZDSSM	25	12	15.48	15.80	15.51	17	2		
10	ZDSSM	25	25	15.50	15.80	15.40				
10	ZDSSM	50	0	15.48	15.85	15.57				
Channel										
Frequency (MHz)										
5	QPSK	1	0	17.61	17.60	17.71				
5	QPSK	1	12	17.68	17.64	17.67	10	0		
5	QPSK	1	24	17.62	17.63	17.76				
5	QPSK	12	0	17.68	17.74	17.66				
5	QPSK	12	7	17.60	17.65	17.64	10	0		
5	QPSK	12	13	17.68	17.66	17.72				
5	QPSK	25	0	17.65	17.66	17.69				
5	SCDMA	1	0	17.52	17.62	17.65				
5	SCDMA	1	12	17.60	17.65	17.74	10	0		
5	SCDMA	1	24	17.62	17.68	17.67				
5	SCDMA	12	0	17.66	17.71	17.67				
5	SCDMA	12	7	17.58	17.66	17.71	10	0		
5	SCDMA	12	13	17.68	17.69	17.60				
5	SCDMA	25	0	17.73	17.64	17.62				
5	SCDMA	1	0	17.71	17.70	17.68				
5	SCDMA	1	12	17.68	17.66	17.52	10	0		
5	SCDMA	1	24	17.75	17.68	17.61				
5	SCDMA	12	0	17.61	17.66	17.55				
5	SCDMA	12	7	17.62	17.62	17.60	10	0		
5	SCDMA	12	13	17.68	17.74	17.60				
5	SCDMA	25	0	17.64	17.61	17.64				
5	ZDSSM	1	0	15.43	15.62	15.56				
5	ZDSSM	1	12	15.48	15.64	15.60	17	2		
5	ZDSSM	1	24	15.48	15.79	15.52				
5	ZDSSM	12	0	15.58	15.68	15.54				
5	ZDSSM	12	7	15.48	15.88	15.52	17	2		
5	ZDSSM	12	13	15.43	15.77	15.47				
5	ZDSSM	25	0	15.43	15.86	15.58				
Channel										
Frequency (MHz)										
3	QPSK	1	0	17.73	17.66	17.68				
3	QPSK	1	3	17.68	17.66	17.69	10	0		
3	QPSK	1	14	17.68	17.63	17.73				
3	QPSK	6	0	17.73	17.60	17.73				
3	QPSK	6	4	17.61	17.62	17.70	10	0		
3	QPSK	6	7	17.68	17.65	17.67				
3	QPSK	15	0	17.74	17.60	17.75				
3	SCDMA	1	0	17.53	17.64	17.58				
3	SCDMA	1	6	17.62	17.60	17.64	10	0		
3	SCDMA	1	14	17.68	17.65	17.62				
3	SCDMA	6	0	17.68	17.75	17.66				
3	SCDMA	6	4	17.61	17.63	17.65	10	0		
3	SCDMA	6	7	17.68	17.76	17.64				
3	SCDMA	15	0	17.77	17.70	17.60				
3	SCDMA	1	0	17.71	17.74	17.61				
3	SCDMA	1	6	17.68	17.68	17.67				
3	SCDMA	1	14	17.73	17.74	17.64	10	0		</



LTE Band 38 Ant4 Main_PA DSI2										
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low	Middle	High				
Channel				3782.5	3800	3815.0	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2390	2395	2410				
20	QPSK	1	0	16.54	16.65	16.25	17	0		
20	QPSK	1	49	16.49	16.51	16.30				
20	QPSK	1	99	16.56	16.53	16.28	17	0		
20	QPSK	50	0	16.48	16.64	16.30				
20	QPSK	50	24	16.53	16.63	16.34	17	0		
20	QPSK	50	50	16.59	16.47	16.25				
20	QPSK	100	0	16.48	16.58	16.33	17	0		
20	16QAM	1	0	16.60	16.61	16.28				
20	16QAM	1	49	16.58	16.62	16.25	17	0		
20	16QAM	1	99	16.45	16.56	16.25				
20	16QAM	50	0	16.45	16.52	16.34	17	0		
20	16QAM	50	24	16.49	16.50	16.27				
20	16QAM	50	50	16.52	16.63	16.19	17	0		
20	16QAM	100	0	16.61	16.48	16.24				
20	64QAM	1	0	16.59	16.60	16.30	17	0		
20	64QAM	1	49	16.49	16.52	16.35				
20	64QAM	1	99	16.44	16.50	16.30	17	0		
20	64QAM	50	0	16.58	16.59	16.19				
20	64QAM	50	24	16.45	16.55	16.33	17	0		
20	64QAM	50	50	16.45	16.62	16.28				
20	64QAM	100	0	16.48	16.54	16.32	17	0		
20	256QAM	1	0	16.49	16.62	16.34				
20	256QAM	1	49	16.60	16.50	16.24	17	0		
20	256QAM	1	99	16.47	16.50	16.36				
20	256QAM	50	0	16.48	16.55	16.23	17	0		
20	256QAM	50	24	16.51	16.53	16.25				
20	256QAM	50	50	16.54	16.59	16.29	17	0		
20	256QAM	100	0	16.45	16.62	16.30				
Channel				3782.5	3800	3817.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	16.48	16.44	16.22	17	0		
15	QPSK	1	37	16.39	16.37	16.24				
15	QPSK	1	74	16.46	16.45	16.20	17	0		
15	QPSK	36	0	16.46	16.50	16.18				
15	QPSK	36	20	16.42	16.46	16.19	17	0		
15	QPSK	36	39	16.44	16.46	16.13				
15	QPSK	75	0	16.45	16.37	16.22	17	0		
15	16QAM	1	0	16.38	16.50	16.22				
15	16QAM	1	37	16.52	16.37	16.15	17	0		
15	16QAM	1	74	16.50	16.41	16.22				
15	16QAM	36	0	16.43	16.38	16.25	17	0		
15	16QAM	36	20	16.39	16.48	16.17				
15	16QAM	36	39	16.42	16.37	16.20	17	0		
15	16QAM	75	0	16.35	16.42	16.12				
15	64QAM	1	0	16.47	16.45	16.09	17	0		
15	64QAM	1	37	16.42	16.43	16.24				
15	64QAM	1	74	16.35	16.43	16.20	17	0		
15	64QAM	36	0	16.48	16.37	16.12				
15	64QAM	36	20	16.45	16.49	16.12	17	0		
15	64QAM	36	39	16.43	16.39	16.08				
15	64QAM	75	0	16.37	16.39	16.15	17	0		
15	256QAM	1	0	16.34	16.42	16.23				
15	256QAM	1	37	16.43	16.48	16.22	17	0		
15	256QAM	1	74	16.37	16.37	16.14				
15	256QAM	36	0	16.38	16.39	16.20	17	0		
15	256QAM	36	20	16.41	16.38	16.20				
15	256QAM	36	39	16.51	16.37	16.09	17	0		
15	256QAM	75	0	16.34	16.37	16.18				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	16.44	16.40	16.13	17	0		
10	QPSK	1	25	16.44	16.51	16.18				
10	QPSK	1	49	16.44	16.36	16.24	17	0		
10	QPSK	25	0	16.51	16.47	16.09				
10	QPSK	25	12	16.52	16.42	16.18	17	0		
10	QPSK	25	25	16.42	16.49	16.16				
10	QPSK	50	0	16.35	16.49	16.11	17	0		
10	16QAM	1	0	16.47	16.44	16.08				
10	16QAM	1	25	16.46	16.47	16.25	17	0		
10	16QAM	1	49	16.46	16.52	16.20				
10	16QAM	25	0	16.43	16.45	16.15	17	0		
10	16QAM	25	12	16.39	16.44	16.23				
10	16QAM	25	25	16.40	16.48	16.20	17	0		
10	16QAM	50	0	16.47	16.47	16.10				
10	64QAM	1	0	16.52	16.49	16.17	17	0		
10	64QAM	1	25	16.47	16.45	16.16				
10	64QAM	1	49	16.48	16.39	16.21	17	0		
10	64QAM	25	0	16.38	16.50	16.20				
10	64QAM	25	12	16.42	16.49	16.14	17	0		
10	64QAM	25	25	16.36	16.42	16.19				
10	64QAM	50	0	16.51	16.53	16.23	17	0		
10	256QAM	1	0	16.43	16.39	16.15				
10	256QAM	1	25	16.45	16.43	16.09	17	0		
10	256QAM	1	49	16.50	16.42	16.15				
10	256QAM	25	0	16.48	16.46	16.17	17	0		
10	256QAM	25	12	16.37	16.43	16.17				
10	256QAM	25	25	16.47	16.37	16.24	17	0		
10	256QAM	50	0	16.46	16.51	16.23				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	16.50	16.41	16.23	17	0		
5	QPSK	1	12	16.42	16.48	16.22				
5	QPSK	1	24	16.40	16.42	16.23	17	0		
5	QPSK	12	0	16.45	16.39	16.25				
5	QPSK	12	7	16.46	16.52	16.25	17	0		
5	QPSK	12	13	16.45	16.38	16.09				
5	QPSK	25	0	16.44	16.39	16.20	17	0		
5	16QAM	1	0	16.48	16.44	16.18				
5	16QAM	1	12	16.42	16.45	16.21	17	0		
5	16QAM	1	24	16.46	16.50	16.14				
5	16QAM	12	0	16.46	16.43	16.21	17	0		
5	16QAM	12	7	16.40	16.47	16.14				
5	16QAM	12	13	16.51	16.50	16.14	17	0		
5	16QAM	25	0	16.43	16.52	16.09				
5	64QAM	1	0	16.38	16.49	16.20	17	0		
5	64QAM	1	12	16.37	16.52	16.23				
5	64QAM	1	24	16.41	16.36	16.13	17	0		
5	64QAM	12	0	16.52	16.51	16.22				
5	64QAM	12	7	16.52	16.45	16.15	17	0		
5	64QAM	12	13	16.50	16.42	16.13				
5	64QAM	25	0	16.43	16.53	16.15	17	0		
5	256QAM	1	0	16.39	16.46	16.18				
5	256QAM	1	12	16.42	16.36	16.11	17	0		
5	256QAM	1	24	16.40	16.46	16.22				
5	256QAM	12	0	16.43	16.53	16.16	17	0		
5	256QAM	12	7	16.42	16.40	16.22				
5	256QAM	12	13	16.44	16.52	16.17	17	0		
5	256QAM	25	0	16.44	16.39	16.09				

LTE Band 41 Ant4 Main_PA DSI2										
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low	Low Middle	Middle	High Middle	High		
Channel				3970	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.48	16.42	16.76	16.41	16.44	17	0
20	QPSK	1	49	16.54	16.42	16.73	16.31	16.41		
20	QPSK	1	99	16.57	16.40	16.64	16.35	16.39	17	0
20	QPSK	50	0	16.55	16.36	16.77	16.34	16.40		
20	QPSK	50	24	16.49	16.40	16.70	16.37	16.46	17	0
20	QPSK	50	50	16.47	16.28	16.66	16.42	16.43		
20	QPSK	100	0	16.56	16.37	16.62	16.30	16.36	17	0
20	16QAM	1	0	16.43	16.43	16.72	16.31	16.43		
20	16QAM	1	49	16.43	16.31	16.68	16.41	16.39	17	0
20	16QAM	1	99	16.54	16.40	16.66	16.34	16.45		
20	16QAM	50	0	16.43	16.42	16.67	16.25	16.38	17	0
20	16QAM	50	24	16.49	16.41	16.61	16.39	16.44		
20	16QAM	50	50	16.50	16.37	16.62	16.32	16.41	17	0
20	16QAM	100	0	16.46	16.32	16.62	16.30	16.40		
20	64QAM	1	0	16.49	16.33	16.71	16.39	16.33	17	0
20	64QAM	1	49	16.42	16.30	16.60	16.32	16.45		
20	64QAM	1	99	16.54	16.41	16.65	16.39	16.28	17	0
20	64QAM	50	0	16.47	16.42	16.64	16.38	16.37		
20	64QAM	50	24	16.41	16.27	16.73	16.26	16.40	17	0
20	64QAM	50	50	16.51	16.37	16.76	16.27	16.39		
20	64QAM	100	0	16.42	16.32	16.77	16.33	16.40	17	0
20	256QAM	1	0	16.58	16.33	16.69	16.29	16.43		
20	256QAM	1	49	16.59	16.35	16.65	16			



LTE Band 42 Ant5 Main_PA DS12													
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Tune-up limit (dBm)	MPR (dB)					
				42150	42590	42990							
Channel				3480	3500	3540							
Frequency (MHz)				3480	3500	3540							
20	QPSK	1	0	19.25	19.81	19.62	20	0					
20	QPSK	1	49	19.24	19.79	19.57							
20	QPSK	1	99	19.26	19.73	19.60							
20	QPSK	50	0	19.22	19.70	19.62							
20	QPSK	50	24	19.22	19.72	19.59							
20	QPSK	50	50	19.20	19.72	19.51							
20	QPSK	100	0	19.36	19.65	19.57							
20	16QAM	1	0	19.26	19.72	19.52	20	0					
20	16QAM	1	49	19.24	19.65	19.51							
20	16QAM	1	99	19.24	19.72	19.54							
20	16QAM	50	0	19.19	19.78	19.64							
20	16QAM	50	24	19.27	19.65	19.68							
20	16QAM	50	50	19.18	19.69	19.68							
20	16QAM	100	0	19.19	19.79	19.63	20	0					
20	64QAM	1	0	19.25	19.79	19.69							
20	64QAM	1	49	19.36	19.77	19.62							
20	64QAM	1	99	19.29	19.79	19.62							
20	64QAM	50	0	19.19	19.64	19.66							
20	64QAM	50	24	19.34	19.73	19.59							
20	64QAM	50	50	19.22	19.75	19.63	20	0					
20	64QAM	100	0	19.28	19.76	19.54							
20	256QAM	1	0	18.29	18.65	18.65							
20	256QAM	1	49	18.18	18.69	18.61							
20	256QAM	1	99	18.28	18.64	18.57							
20	256QAM	50	0	18.29	18.68	18.55							
20	256QAM	50	24	18.25	18.64	18.64	19	1					
20	256QAM	50	50	18.21	18.73	18.57							
20	256QAM	100	0	18.24	18.70	18.63							
Channel				42165	42590	43015							
Frequency (MHz)				3457.5	3500	3542.5							
15	QPSK	1	0	19.18	19.54	19.48				20	0		
15	QPSK	1	37	19.15	19.63	19.52							
15	QPSK	1	74	19.25	19.61	19.48							
15	QPSK	36	0	19.05	19.63	19.54							
15	QPSK	36	20	19.06	19.66	19.53							
15	QPSK	36	39	19.06	19.55	19.42							
15	QPSK	75	0	19.14	19.47	19.44	20	0					
15	16QAM	1	0	19.14	19.66	19.48							
15	16QAM	1	37	19.10	19.51	19.50							
15	16QAM	1	74	19.22	19.67	19.48							
15	16QAM	36	0	19.18	19.68	19.53							
15	16QAM	36	20	19.18	19.51	19.53							
15	16QAM	36	39	19.04	19.60	19.60	20	0					
15	16QAM	75	0	19.04	19.70	19.49							
15	64QAM	1	0	19.07	19.67	19.50							
15	64QAM	1	37	19.19	19.67	19.56							
15	64QAM	1	74	19.20	19.71	19.50							
15	64QAM	36	0	19.04	19.47	19.49							
15	64QAM	36	20	19.21	19.61	19.45	20	0					
15	64QAM	36	39	19.04	19.59	19.57							
15	64QAM	75	0	19.13	19.63	19.45							
15	256QAM	1	0	18.16	18.50	18.53							
15	256QAM	1	37	18.05	18.54	18.60							
15	256QAM	1	74	18.26	18.59	18.40							
15	256QAM	36	0	18.18	18.55	18.49	19	1					
15	256QAM	36	20	18.23	18.62	18.60							
15	256QAM	36	39	18.06	18.60	18.45							
15	256QAM	75	0	18.17	18.55	18.61							
Channel				42140	42590	43040							
Frequency (MHz)				3455	3500	3545							
10	QPSK	1	0	19.13	19.43	19.58	20	0					
10	QPSK	1	25	19.16	19.77	19.55							
10	QPSK	1	49	19.24	19.57	19.50							
10	QPSK	25	0	19.17	19.69	19.52							
10	QPSK	25	12	19.05	19.70	19.44							
10	QPSK	25	25	19.17	19.56	19.47							
10	QPSK	50	0	19.26	19.62	19.47	20	0					
10	16QAM	1	0	19.24	19.55	19.48							
10	16QAM	1	25	19.07	19.62	19.47							
10	16QAM	1	49	19.08	19.63	19.43							
10	16QAM	25	0	19.11	19.75	19.45							
10	16QAM	25	12	19.15	19.49	19.61							
10	16QAM	25	25	19.09	19.62	19.63	20	0					
10	16QAM	50	0	19.07	19.63	19.60							
10	64QAM	1	0	19.09	19.63	19.66							
10	64QAM	1	25	19.18	19.62	19.46							
10	64QAM	1	49	19.19	19.60	19.47							
10	64QAM	25	0	19.16	19.47	19.49							
10	64QAM	25	12	19.29	19.57	19.56	20	0					
10	64QAM	25	25	19.21	19.59	19.56							
10	64QAM	50	0	19.10	19.63	19.50							
10	256QAM	1	0	18.13	18.63	18.55							
10	256QAM	1	25	18.03	18.66	18.53							
10	256QAM	1	49	18.17	18.46	18.41							
10	256QAM	25	0	18.17	18.58	18.41	19	1					
10	256QAM	25	12	18.16	18.51	18.52							
10	256QAM	25	25	18.12	18.60	18.38							
10	256QAM	50	0	18.05	18.54	18.62							
Channel				42115	42590	43065							
Frequency (MHz)				3452.5	3500	3547.5							
5	QPSK	1	0	19.21	19.44	19.60	20	0					
5	QPSK	1	12	19.19	19.65	19.38							
5	QPSK	1	24	19.25	19.54	19.58							
5	QPSK	12	0	19.11	19.70	19.48							
5	QPSK	12	7	19.13	19.77	19.55							
5	QPSK	12	13	19.13	19.70	19.35							
5	QPSK	25	0	19.22	19.58	19.55	20	0					
5	16QAM	1	0	19.18	19.53	19.43							
5	16QAM	1	12	19.20	19.49	19.45							
5	16QAM	1	24	19.13	19.70	19.46							
5	16QAM	12	0	19.05	19.63	19.53							
5	16QAM	12	7	19.24	19.62	19.57							
5	16QAM	12	13	19.11	19.66	19.66	20	0					
5	16QAM	25	0	19.07	19.61	19.56							
5	64QAM	1	0	19.19	19.62	19.59							
5	64QAM	1	12	19.18	19.73	19.52							
5	64QAM	1	24	19.17	19.65	19.57							
5	64QAM	12	0	19.01	19.48	19.60							
5	64QAM	12	7	19.19	19.62	19.56	20	0					
5	64QAM	12	13	19.20	19.72	19.56							
5	64QAM	25	0	19.12	19.66	19.42							
5	256QAM	1	0	18.23	18.59	18.46							
5	256QAM	1	12	18.15	18.66	18.57							
5	256QAM	1	24	18.21	18.63	18.39							
5	256QAM	12	0	18.14	18.60	18.41	19	1					
5	256QAM	12	7	18.10	18.50	18.50							
5	256QAM	12	13	18.15	18.61	18.48							
5	256QAM	25	0	18.09	18.58	18.53							



Reduced Power Mode for Other PA DS12

LTE Band 38 Ant1 Other_PA DS12										
BW (MHz)	Modulation	RB Size	RB Offset	Channel			Tune-up limit (dBm)	MPR (dB)		
				Low	Middle	High				
Channel										
Frequency (MHz)				3750	3800	3850				
20	QPSK	1	0	22.25	22.35	22.31				
20	QPSK	1	49	22.18	22.23	22.13	24	0		
20	QPSK	1	99	22.13	22.21	22.18				
20	QPSK	50	0	21.40	21.46	21.31				
20	QPSK	50	24	21.40	21.45	21.43	23	1		
20	QPSK	50	50	21.30	21.41	21.32				
20	QPSK	100	0	21.23	21.32	21.30				
20	16QAM	1	0	21.21	21.25	21.21				
20	16QAM	1	49	21.20	21.23	21.14	23	1		
20	16QAM	1	99	21.13	21.23	21.21				
20	16QAM	50	0	20.85	20.87	20.83				
20	16QAM	50	24	20.73	20.80	20.78				
20	16QAM	50	50	20.75	20.80	20.73				
20	16QAM	100	0	20.75	20.84	20.77				
20	64QAM	1	0	20.84	20.90	20.86				
20	64QAM	1	49	20.87	20.88	20.78	22	2		
20	64QAM	1	99	20.85	20.87	20.84				
20	64QAM	50	0	19.72	19.83	19.74				
20	64QAM	50	24	19.80	19.88	19.83				
20	64QAM	50	50	19.81	19.85	19.77	21	3		
20	64QAM	100	0	19.80	19.85	19.83				
20	256QAM	1	0	17.85	17.89	17.84				
20	256QAM	1	49	17.77	17.80	17.74	19	5		
20	256QAM	1	99	17.75	17.80	17.70				
20	256QAM	50	0	17.77	17.88	17.84				
20	256QAM	50	24	17.75	17.79	17.72	19	5		
20	256QAM	50	50	17.78	17.87	17.81				
20	256QAM	100	0	17.84	17.86	17.77				
Channel										
Frequency (MHz)				3750	3800	38175				
15	QPSK	1	0	22.20	22.30	22.27				
15	QPSK	1	37	22.12	22.21	22.05	24	0		
15	QPSK	1	74	22.12	22.15	22.14				
15	QPSK	36	0	21.31	21.37	21.28				
15	QPSK	36	20	21.31	21.37	21.41	23	1		
15	QPSK	36	39	21.29	21.33	21.22				
15	QPSK	75	0	21.13	21.31	21.19				
15	16QAM	1	0	21.16	21.22	21.19				
15	16QAM	1	37	21.14	21.15	21.10	23	1		
15	16QAM	1	74	21.02	21.13	21.13				
15	16QAM	36	0	20.75	20.81	20.73				
15	16QAM	36	20	20.68	20.72	20.73				
15	16QAM	36	39	20.66	20.71	20.67	22	2		
15	16QAM	75	0	20.69	20.74	20.75				
15	64QAM	1	0	20.80	20.83	20.80				
15	64QAM	1	37	20.82	20.81	20.75	22	2		
15	64QAM	1	74	20.77	20.81	20.78				
15	64QAM	36	0	19.64	19.79	19.71				
15	64QAM	36	20	19.77	19.84	19.80	21	3		
15	64QAM	36	39	19.71	19.80	19.68				
15	64QAM	75	0	19.73	19.79	19.73				
15	256QAM	1	0	17.78	17.82	17.74				
15	256QAM	1	37	17.70	17.72	17.65	19	5		
15	256QAM	1	74	17.70	17.73	17.67				
15	256QAM	36	0	17.75	17.83	17.76				
15	256QAM	36	20	17.72	17.69	17.65	19	5		
15	256QAM	36	39	17.69	17.84	17.79				
15	256QAM	75	0	17.82	17.78	17.72				
Channel										
Frequency (MHz)				3760	3800	3800				
10	QPSK	1	0	22.14	22.34	22.26				
10	QPSK	1	25	22.12	22.20	22.03	24	0		
10	QPSK	1	49	22.05	22.12	22.13				
10	QPSK	25	0	21.34	21.34	21.30				
10	QPSK	25	12	21.29	21.37	21.41	23	1		
10	QPSK	25	25	21.22	21.31	21.24				
10	QPSK	50	0	21.18	21.24	21.29				
10	16QAM	1	0	21.18	21.24	21.13				
10	16QAM	1	25	21.12	21.17	21.08	23	1		
10	16QAM	1	49	21.09	21.19	21.15				
10	16QAM	25	0	20.83	20.84	20.74				
10	16QAM	25	12	20.67	20.76	20.76				
10	16QAM	25	25	20.70	20.77	20.63	22	2		
10	16QAM	50	0	20.65	20.79	20.74				
10	64QAM	1	0	20.77	20.83	20.77				
10	64QAM	1	25	20.79	20.82	20.73	22	2		
10	64QAM	1	49	20.77	20.82	20.77				
10	64QAM	25	0	19.61	19.80	19.65				
10	64QAM	25	12	19.76	19.81	19.81	21	3		
10	64QAM	25	25	19.70	19.80	19.68				
10	64QAM	50	0	19.72	19.83	19.75				
10	256QAM	1	0	17.75	17.80	17.75				
10	256QAM	1	25	17.72	17.71	17.67	19	5		
10	256QAM	1	49	17.73	17.70	17.60				
10	256QAM	25	0	17.71	17.83	17.80				
10	256QAM	25	12	17.73	17.69	17.66	19	5		
10	256QAM	25	25	17.69	17.79	17.79				
10	256QAM	50	0	17.72	17.79	17.68				
Channel										
Frequency (MHz)				3772.5	3800	3817.5				
5	QPSK	1	0	22.20	22.31	22.24				
5	QPSK	1	12	22.10	22.19	22.03	24	0		
5	QPSK	1	24	22.07	22.13	22.08				
5	QPSK	12	0	21.38	21.38	21.25				
5	QPSK	12	7	21.38	21.41	21.34	23	1		
5	QPSK	12	13	21.28	21.31	21.30				
5	QPSK	25	0	21.15	21.23	21.22				
5	16QAM	1	0	21.15	21.15	21.12				
5	16QAM	1	12	21.13	21.15	21.12	23	1		
5	16QAM	1	24	21.04	21.22	21.13				
5	16QAM	12	0	20.81	20.82	20.77				
5	16QAM	12	7	20.67	20.71	20.74				
5	16QAM	12	13	20.69	20.74	20.70	22	2		
5	16QAM	25	0	20.73	20.79	20.68				
5	64QAM	1	0	20.78	20.84	20.83				
5	64QAM	1	12	20.79	20.83	20.72	22	2		
5	64QAM	1	24	20.77	20.79	20.83				
5	64QAM	12	0	19.68	19.76	19.68				
5	64QAM	12	7	19.71	19.78	19.73	21	3		
5	64QAM	12	13	19.76	19.82	19.68				
5	64QAM	25	0	19.71	19.80	19.79				
5	256QAM	1	0	17.79	17.79	17.82				
5	256QAM	1	12	17.70	17.72	17.72	19	5		
5	256QAM	1	24	17.69	17.77	17.69				
5	256QAM	12	0	17.74	17.78	17.77				
5	256QAM	12	7	17.66	17.71	17.66	19	5		
5	256QAM	12	13	17.68	17.86	17.78				
5	256QAM	25	0	17.79	17.83	17.74				

LTE Band 41 Ant1 Other_PA DS12											
BW (MHz)	Modulation	RB Size	RB Offset	Channel					Tune-up limit (dBm)	MPR (dB)	
				Low	Low Middle	Middle	High Middle	High			
Channel											
Frequency (MHz)				3750	4016	4020	4105	4100			
20	QPSK	1	0	22.15	22.43	22.43	22.35	22.21			
20	QPSK	1	49	22.20	22.21	22.25	22.24	22.17	24	0	
20	QPSK	1	99	22.18	22.11	22.21	22.13	22.14			
20	QPSK	50	0	21.22	21.21	21.26	21.19	21.24			
20	QPSK	50	24	21.07	21.16	21.16	21.13	21.06	23	1	
20	QPSK	50	50	21.19	21.21	21.22	21.15	21.18			
20	QPSK	100	0	21.18	21.18	21.21	21.19	21.19			
20	16QAM	1	0	21.30	21.31	21.33	21.24	21.25			
20	16QAM</										



Reduced Power Mode for DSI3

GSM850 Ant 0 DSI3								
GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	126	169	241		126	169	241	
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8		
Frequency (MHz)								
GSM 1 Tx slot	31.28	31.40	31.43	32.50	22.28	22.40	22.43	23.50
GPRS 1 Tx slot	31.27	31.35	31.43	32.50	22.27	22.35	22.43	23.50
GPRS 2 Tx slots	28.99	29.18	29.17	30.00	22.99	23.18	23.17	24.00
GPRS 3 Tx slots	27.13	27.18	27.28	28.00	22.87	22.92	23.02	23.74
GPRS 4 Tx slots	25.13	25.32	25.25	27.00	22.13	22.32	22.25	24.00
EDGE 1 Tx slot	24.70	24.96	24.77	26.00	15.70	15.98	15.77	17.00
EDGE 2 Tx slots	24.75	24.81	24.78	25.50	18.75	18.81	18.78	19.50
EDGE 3 Tx slots	23.82	23.78	23.87	25.00	19.96	19.92	19.81	20.74
EDGE 4 Tx slots	21.33	21.44	21.32	22.50	18.33	18.44	18.32	19.50

GSM1900 Ant 0 DSI3								
GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1652.2	1650	1658.3	1652.2	1650	1658.3		
Frequency (MHz)	25.54	25.59	26.00	16.54	16.59	17.00		
GSM 1 Tx slot	25.66	25.79	26.08	27.00	16.66	16.79	17.08	18.00
GPRS 1 Tx slot	23.54	23.84	23.81	25.00	17.54	17.84	17.81	19.00
GPRS 2 Tx slots	21.80	22.04	22.15	23.00	17.54	17.78	17.89	18.74
GPRS 3 Tx slots	20.13	20.26	20.15	22.00	17.13	17.26	17.15	19.00
EDGE 1 Tx slot	21.68	21.41	21.31	22.50	12.68	12.41	12.31	13.50
EDGE 2 Tx slots	21.66	21.27	21.26	22.00	15.66	15.27	15.26	16.00
EDGE 3 Tx slots	19.96	19.60	19.57	20.50	15.60	15.34	15.31	16.24
EDGE 4 Tx slots	17.82	17.55	17.51	18.50	14.82	14.55	14.51	15.50

Band	WCDMA II Ant 0 DSI3			WCDMA IV Ant 0 DSI3			WCDMA V Ant 0 DSI3			Tune-up Limit (dBm)			
	9262	9400	9538	1312	1413	1513	4132	4182	4233				
TX Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Rx Channel	1952.4	1900	1979.6	1779.4	1729.6	1750.6	829.4	839.4	849.6				
Frequency (MHz)													
3GPP Rel 99	AMR 12.2Kbps	16.90	17.01	16.93	18.50	15.49	15.45	15.54	17.00	22.52	22.78	22.62	24.00
3GPP Rel 99	RMC 12.2Kbps	16.90	17.04	16.99	18.50	15.44	15.59	15.49	17.00	22.54	22.88	22.69	24.00
3GPP Rel 6	HSDPA Subtest-1	15.83	15.95	15.99	17.50	14.28	14.22	14.40	16.00	21.53	21.91	21.67	23.00
3GPP Rel 6	HSDPA Subtest-2	15.95	15.93	16.01	17.50	14.29	14.51	14.26	16.00	21.65	21.70	21.70	23.00
3GPP Rel 6	HSDPA Subtest-3	15.42	15.45	15.36	17.00	13.80	13.95	13.80	15.50	21.02	21.19	21.14	22.50
3GPP Rel 6	HSDPA Subtest-4	15.35	15.54	15.40	17.00	13.65	13.98	13.74	15.50	20.95	21.21	21.11	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.84	15.98	16.06	17.50	14.24	14.30	14.39	16.00	21.68	21.62	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.00	15.96	16.04	17.50	14.22	14.35	14.47	16.00	21.49	21.57	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.44	15.55	15.48	17.00	13.90	14.01	13.77	15.50	21.19	21.26	21.24	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.58	15.56	15.47	17.00	13.92	13.89	13.84	15.50	21.25	21.11	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	16.03	15.97	15.96	17.50	14.38	14.47	14.24	16.00	21.76	21.69	21.56	23.00
3GPP Rel 6	HSUPA Subtest-2	13.93	13.87	13.91	15.50	12.21	12.30	12.22	14.00	19.52	19.60	19.46	21.00
3GPP Rel 6	HSUPA Subtest-3	15.01	14.99	14.93	16.50	13.39	13.40	13.29	15.00	20.66	20.66	20.43	22.00
3GPP Rel 6	HSUPA Subtest-4	13.81	14.17	13.97	15.50	12.29	12.39	12.31	14.00	19.60	19.74	19.67	21.00
3GPP Rel 6	HSUPA Subtest-5	15.96	15.92	16.03	17.50	14.26	14.26	14.43	16.00	21.66	21.56	21.67	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.57	13.49	13.54	15.00	11.86	11.81	11.91	13.50	19.29	19.10	19.25	20.50



LTE Band 12 Ant0 Main_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Frequency (MHz)	MFR (dB)	1 Tune-up-2	2 Tune-up
Channel							2305	2305	2310	
Frequency (MHz)										
10	QPSK	1	0	22.67	22.67	22.67	2305	0.96	0.96	
10	QPSK	1	25	22.68	22.72	22.71	2306	1.14	1.14	
10	QPSK	1	49	22.71	22.79	22.77	2308	1.12	1.12	
10	QPSK	5	0	22.68	22.67	22.67	2305	0.81	0.81	
10	QPSK	25	12	21.82	21.84	21.83	2306	1.03	1.03	
10	QPSK	25	25	21.89	21.90	21.89	2308	1.09	1.09	
10	QPSK	50	0	21.79	21.89	21.83	2305	0.98	0.98	
10	SCDMA	1	25	21.90	21.97	21.93	2306	1.08	1.08	
10	SCDMA	1	49	21.96	21.98	21.96	2308	1.07	1.07	
10	SCDMA	5	0	20.96	20.97	20.93	2305	0.95	0.95	
10	SCDMA	25	12	20.89	20.99	20.96	2306	1.05	1.05	
10	SCDMA	25	25	20.95	20.94	20.97	2308	1.10	1.10	
10	SCDMA	50	0	20.79	20.99	20.90	2305	1.10	1.10	
10	SCDMA	1	0	19.83	19.83	19.81	2305	0.94	0.94	
10	SCDMA	1	25	19.79	19.87	19.83	2306	1.09	1.09	
10	SCDMA	1	49	19.86	19.86	19.79	2308	1.17	1.17	
10	SCDMA	25	0	19.80	19.89	19.85	2305	1.07	1.07	
10	SCDMA	25	12	19.80	19.99	19.86	2306	1.08	1.08	
10	SCDMA	25	25	19.86	19.86	19.84	2308	1.07	1.07	
10	SCDMA	50	0	19.82	19.89	19.81	2305	1.06	1.06	
10	SSBMM	1	0	17.83	17.87	17.87	2305	1.07	1.07	
10	SSBMM	1	25	17.86	17.92	17.91	2306	1.06	1.06	
10	SSBMM	1	49	17.87	17.99	17.92	2308	1.19	1.19	
10	SSBMM	5	0	17.82	17.86	17.83	2305	1.08	1.08	
10	SSBMM	25	12	17.83	17.84	17.82	2306	1.09	1.09	
10	SSBMM	25	25	17.83	17.84	17.82	2308	1.06	1.06	
10	SSBMM	50	0	17.84	17.84	17.83	2305	1.14	1.14	
Channel							2305	2305	2310	
Frequency (MHz)										
5	QPSK	1	0	22.61	22.75	22.68	2305	1.16	1.07	
5	QPSK	1	12	22.54	22.67	22.58	2306	1.24	1.11	
5	QPSK	1	24	22.49	22.68	22.54	2308	1.24	1.29	
5	QPSK	5	0	21.80	21.80	21.80	2305	0.88	0.88	
5	QPSK	12	7	21.80	21.84	21.78	2306	1.16	1.06	
5	QPSK	12	13	21.80	21.90	21.84	2308	1.26	1.22	
5	QPSK	25	0	21.72	21.80	21.74	2305	1.14	1.06	
5	SCDMA	1	0	21.72	21.80	21.74	2305	1.24	1.13	
5	SCDMA	1	12	21.80	21.93	21.79	2306	1.15	1.02	
5	SCDMA	1	24	21.74	21.79	21.79	2308	1.27	1.29	
5	SCDMA	12	0	20.86	20.73	20.75	2305	1.24	1.12	
5	SCDMA	12	7	20.72	20.87	20.71	2306	1.24	1.15	
5	SCDMA	12	13	20.84	20.92	20.72	2308	1.37	1.29	
5	SCDMA	25	0	20.88	20.85	20.82	2305	1.32	1.21	
5	SCDMA	1	0	20.69	20.84	20.82	2305	1.13	1.05	
5	SCDMA	1	12	20.64	20.74	20.65	2306	1.37	1.26	
5	SCDMA	1	24	20.61	20.65	20.66	2308	1.44	1.30	
5	SCDMA	12	0	19.75	19.86	19.82	2305	1.15	1.04	
5	SCDMA	12	7	19.85	19.91	19.72	2306	1.17	1.11	
5	SCDMA	12	13	19.89	19.82	19.79	2308	1.31	1.18	
5	SCDMA	25	0	19.88	19.80	19.74	2305	1.30	1.17	
5	SSBMM	1	0	17.74	17.74	17.78	2305	1.26	1.22	
5	SSBMM	1	12	17.80	17.81	17.72	2306	1.36	1.19	
5	SSBMM	1	24	17.86	17.95	17.71	2308	1.30	1.27	
5	SSBMM	5	0	17.67	17.67	17.67	2305	1.36	1.18	
5	SSBMM	12	7	17.75	17.82	17.78	2306	1.49	1.24	
5	SSBMM	12	13	17.75	17.87	17.77	2308	1.38	1.23	
5	SSBMM	25	0	17.81	17.82	17.74	2305	1.37	1.18	
Channel							2305	2305	2310	
Frequency (MHz)										
3	QPSK	1	0	22.73	22.77	22.73	2305			
3	QPSK	1	8	22.68	22.76	22.72	2306			
3	QPSK	1	16	22.66	22.80	22.73	2308			
3	QPSK	5	0	21.86	21.86	21.87	2305			
3	QPSK	6	4	21.85	21.83	21.77	2306			
3	QPSK	6	7	21.85	21.94	21.81	2308			
3	QPSK	15	0	21.82	21.88	21.84	2305			
3	SCDMA	1	0	21.74	21.80	21.80	2305			
3	SCDMA	1	8	21.80	21.88	21.73	2306			
3	SCDMA	1	16	21.81	21.81	21.79	2308			
3	SCDMA	6	0	20.72	20.83	20.70	2305			
3	SCDMA	6	4	20.80	20.95	20.80	2306			
3	SCDMA	6	7	20.87	20.88	20.79	2308			
3	SCDMA	15	0	20.62	20.84	20.79	2305			
3	SCDMA	1	0	20.70	20.82	20.79	2305			
3	SCDMA	1	8	20.75	20.71	20.74	2306			
3	SCDMA	1	16	20.81	20.78	20.72	2308			
3	SCDMA	6	0	19.69	19.86	19.71	2305			
3	SCDMA	6	4	19.70	19.88	19.69	2306			
3	SCDMA	6	7	19.80	19.85	19.74	2308			
3	SSBMM	1	0	17.69	17.69	17.76	2305			
3	SSBMM	1	8	17.71	17.81	17.66	2306			
3	SSBMM	1	16	17.76	17.86	17.67	2308			
3	SSBMM	5	0	17.67	17.79	17.67	2305			
3	SSBMM	6	4	17.75	17.80	17.69	2306			
3	SSBMM	6	7	17.82	17.79	17.77	2308			
3	SSBMM	15	0	17.73	17.87	17.65	2305			
Channel							2305	2305	2310	
Frequency (MHz)										
1.4	QPSK	1	0	22.63	22.79	22.67	2305			
1.4	QPSK	1	3	22.56	22.84	22.65	2306			
1.4	QPSK	1	5	22.58	22.87	22.64	2308			
1.4	QPSK	3	0	22.53	22.70	22.61	2305			
1.4	QPSK	3	1	22.53	22.80	22.61	2306			
1.4	QPSK	3	3	22.47	22.75	22.52	2308			
1.4	QPSK	5	0	21.82	21.73	21.80	2305			
1.4	SCDMA	1	0	21.82	21.88	21.74	2305			
1.4	SCDMA	1	3	21.80	21.91	21.80	2306			
1.4	SCDMA	1	5	21.82	21.76	21.80	2308			
1.4	SCDMA	3	0	21.58	21.80	21.78	2305			
1.4	SCDMA	3	1	21.63	21.92	21.82	2306			
1.4	SCDMA	3	3	21.60	21.86	21.79	2308			
1.4	SCDMA	5	0	20.46	20.74	20.77	2305			
1.4	SCDMA	1	0	20.59	20.66	20.79	2305			
1.4	SCDMA	1	3	20.64	21.02	20.78	2306			
1.4	SCDMA	1	5	20.70	20.69	20.60	2308			
1.4	SCDMA	3	0	20.59	20.84	20.83	2305			
1.4	SCDMA	3	1	20.55	20.91	20.83	2306			
1.4	SCDMA	3	3	20.51	20.83	20.83	2308			
1.4	SCDMA	6	0	19.54	19.83	19.86	2305			
1.4	SSBMM	1	0	17.69	17.95	17.83	2305			
1.4	SSBMM	1	3	17.65	17.88	17.84	2306			
1.4	SSBMM	1	5	17.68	17.99	17.86	2308			
1.4	SSBMM	3	0	17.69	17.87	17.83	2305			
1.4	SSBMM	3	1	17.77	17.86	17.75	2306			
1.4	SSBMM	3	3	17.75	17.94	17.82	2308			
1.4	SSBMM	6	0	17.74	17.80	17.84	2305			

LTE Band 13 Ant0 Main_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Frequency (MHz)	MFR (dB)	1 Tune-up-2	2 Tune-up
Channel							2320	2320	2320	
Frequency (MHz)										
10	QPSK	1	0	22.67	22.67	22.67	2320	0.96	0.96	
10	QPSK	1	25	22.68	22.72	22.71	2321	1.14	1.14	
10	QPSK	1	49	22.71	22.79	22.77	2322	1.12	1.12	
10	QPSK	5	0	21.80	21.80	21.80	2320	0.81	0.81	
10	QPSK	25	12	21.82	21.84	21.83	2321	1.03	1.03	
10	QPSK	25	25	21.89	21.90	21.89	2322	1.09	1.09	
10	QPSK	50	0	21.79	21.89	21.83	2320	0.98	0.98	
10	SCDMA	1	0	21.72	21.80	21.74	2320	1.06	1.06	
10	SCDMA	1	25	21.80	21.92	21.82	2321	1.16	1.08	
10	SCDMA	1	49	21.86	21.98	21.86	2322	1.17	1.13	
10	SCDMA	5	0	21.05	21.05	21.05	2320	0.95	0.95	
10	SCDMA	25	12	21.04	21.05	21.05	2321	1.05	1.05	
10	SCDMA	25	25	21.09	21.09	21.09	2322	1.10	1.10	
10	SCDMA	50	0	20.89	20.99	20.93	2320	1.10	1.10	
10	SCDMA	1	0	19.84	19.84	19.81	2320	0.94	0.94	
10	SCDMA	1	25	19.80	19.87	19.83	2321	1.09	1.09	
10	SCDMA	1	49	19.86	19.86	19.79	2322	1.17	1.17	
10	SCDMA	25	0	19.80	19.89	19.85	2320	1.07	1.07	
10	SCDMA	25	12	19.80	19.99	19.86	2321	1.08	1.08	
10	SCDMA	25	25	19.86	19.86	19.84	2322	1.07	1.07	
10	SCDMA	50	0	19.82	19.89	19.81	2320	1.06	1.06	



LTE Band 7 Ant1 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Low	Middle	High	Tune-up limit (dBm)	MPR (dB)	
				20850	21100	21350			
Channel				2510	2535	2560			
Frequency (MHz)									
20	QPSK	1	0	17.83	17.83	17.33	18.5	0	
20	QPSK	1	49	17.70	17.87	17.42			
20	QPSK	1	99	17.89	17.75	17.45			
20	QPSK	50	0	17.71	17.73	17.48	18.5	0	
20	QPSK	50	24	17.71	17.88	17.38			
20	QPSK	50	50	17.89	17.72	17.37			
20	QPSK	100	0	17.70	17.75	17.46	18.5	0	
20	19QAM	1	0	17.85	17.71	17.34			
20	19QAM	1	49	17.86	17.85	17.47			
20	19QAM	1	99	17.70	17.79	17.38	18.5	0	
20	19QAM	50	0	17.72	17.88	17.37			
20	19QAM	50	24	17.87	17.70	17.34			
20	19QAM	50	50	17.87	17.77	17.47	18.5	0	
20	19QAM	100	0	17.80	17.70	17.37			
20	64QAM	1	0	17.86	17.70	17.48			
20	64QAM	1	49	17.85	17.77	17.32	18.5	0	
20	64QAM	1	99	17.83	17.77	17.38			
20	64QAM	50	0	17.85	17.76	17.36			
20	64QAM	50	24	17.89	17.76	17.50	18.5	0	
20	64QAM	50	50	17.72	17.87	17.35			
20	64QAM	100	0	17.72	17.82	17.42			
20	256QAM	1	0	17.58	17.84	17.49	18.5	0	
20	256QAM	1	49	17.72	17.87	17.34			
20	256QAM	1	99	17.87	17.82	17.39			
20	256QAM	50	0	17.88	17.77	17.45	18.5	0	
20	256QAM	50	24	17.74	17.88	17.44			
20	256QAM	50	50	17.83	17.79	17.50			
20	256QAM	100	0	17.83	17.71	17.38			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.48	17.80	17.26	18.5	0	
15	QPSK	1	37	17.89	17.85	17.39			
15	QPSK	1	74	17.41	17.73	17.29			
15	QPSK	36	0	17.89	17.51	17.38	18.5	0	
15	QPSK	36	20	17.85	17.49	17.21			
15	QPSK	36	39	17.82	17.55	17.24			
15	QPSK	75	0	17.87	17.73	17.39	18.5	0	
15	19QAM	1	0	17.82	17.69	17.17			
15	19QAM	1	37	17.51	17.54	17.42			
15	19QAM	1	74	17.80	17.76	17.20	18.5	0	
15	19QAM	36	0	17.86	17.83	17.35			
15	19QAM	36	20	17.56	17.51	17.30			
15	19QAM	36	39	17.80	17.70	17.42	18.5	0	
15	19QAM	75	0	17.43	17.83	17.20			
15	64QAM	1	0	17.82	17.61	17.38			
15	64QAM	1	37	17.89	17.70	17.28	18.5	0	
15	64QAM	1	74	17.82	17.88	17.24			
15	64QAM	36	0	17.54	17.73	17.22			
15	64QAM	36	20	17.85	17.70	17.47	18.5	0	
15	64QAM	36	39	17.85	17.58	17.31			
15	64QAM	75	0	17.88	17.59	17.39			
15	256QAM	1	0	17.83	17.53	17.36	18.5	0	
15	256QAM	1	37	17.81	17.85	17.29			
15	256QAM	1	74	17.84	17.54	17.23			
15	256QAM	36	0	17.88	17.86	17.30	18.5	0	
15	256QAM	36	20	17.72	17.81	17.29			
15	256QAM	36	39	17.51	17.88	17.43			
15	256QAM	75	0	17.51	17.85	17.24			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.82	17.57	17.14	18.5	0	
10	QPSK	1	25	17.81	17.84	17.28			
10	QPSK	1	49	17.51	17.81	17.41			
10	QPSK	25	0	17.83	17.53	17.30	18.5	0	
10	QPSK	25	12	17.70	17.83	17.34			
10	QPSK	25	25	17.83	17.80	17.36			
10	QPSK	50	0	17.83	17.57	17.29	18.5	0	
10	19QAM	1	0	17.86	17.70	17.17			
10	19QAM	1	25	17.80	17.58	17.44			
10	19QAM	1	49	17.87	17.87	17.30	18.5	0	
10	19QAM	25	0	17.70	17.48	17.20			
10	19QAM	25	12	17.50	17.52	17.32			
10	19QAM	25	25	17.89	17.89	17.30	18.5	0	
10	19QAM	50	0	17.88	17.59	17.19			
10	64QAM	1	0	17.80	17.89	17.30			
10	64QAM	1	25	17.86	17.72	17.28	18.5	0	
10	64QAM	1	49	17.88	17.74	17.30			
10	64QAM	25	0	17.49	17.75	17.28			
10	64QAM	25	12	17.89	17.81	17.38	18.5	0	
10	64QAM	25	25	17.70	17.51	17.25			
10	64QAM	50	0	17.83	17.57	17.38			
10	256QAM	1	0	17.42	17.50	17.45	18.5	0	
10	256QAM	1	25	17.85	17.54	17.28			
10	256QAM	1	49	17.51	17.44	17.22			
10	256QAM	25	0	17.87	17.86	17.44	18.5	0	
10	256QAM	25	12	17.88	17.52	17.31			
10	256QAM	25	25	17.45	17.80	17.49			
10	256QAM	50	0	17.49	17.52	17.22			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.47	17.85	17.20	18.5	0	
5	QPSK	1	12	17.88	17.84	17.27			
5	QPSK	1	24	17.47	17.87	17.38			
5	QPSK	12	0	17.89	17.52	17.32	18.5	0	
5	QPSK	12	7	17.82	17.80	17.29			
5	QPSK	12	13	17.85	17.58	17.29			
5	QPSK	25	0	17.82	17.70	17.45	18.5	0	
5	19QAM	1	0	17.84	17.57	17.28			
5	19QAM	1	12	17.86	17.89	17.44			
5	19QAM	1	24	17.89	17.75	17.22	18.5	0	
5	19QAM	12	0	17.89	17.58	17.22			
5	19QAM	12	7	17.83	17.54	17.29			
5	19QAM	12	13	17.48	17.83	17.44	18.5	0	
5	19QAM	25	0	17.51	17.54	17.22			
5	64QAM	1	0	17.86	17.57	17.45			
5	64QAM	1	12	17.82	17.88	17.28	18.5	0	
5	64QAM	1	24	17.45	17.73	17.28			
5	64QAM	12	0	17.47	17.87	17.31			
5	64QAM	12	7	17.82	17.88	17.41	18.5	0	
5	64QAM	12	13	17.89	17.82	17.24			
5	64QAM	25	0	17.83	17.43	17.24			
5	256QAM	1	0	17.86	17.59	17.42	18.5	0	
5	256QAM	1	12	17.85	17.50	17.28			
5	256QAM	1	24	17.80	17.50	17.33			
5	256QAM	12	0	17.80	17.83	17.31	18.5	0	
5	256QAM	12	7	17.88	17.58	17.28			
5	256QAM	12	13	17.51	17.89	17.45			
5	256QAM	25	0	17.81	17.89	17.23			



LTE Band 25 Ant4 Main_PA DS13										
EW (MHz)	Modulation	RB Size	RB Offset	Power Level	Power Mask	Power Mask	Time-up level (dBm)	MFR (dB)		
Channel				20140	20140	20150				
Frequency (MHz)										
20	QPSK	1	0	17.84	18.20	17.76				
20	QPSK	1	48	17.87	18.22	17.84	19.5	0		
20	QPSK	1	96	17.86	18.20	17.86				
20	QPSK	1	144	17.84	18.20	17.84				
20	QPSK	50	24	17.83	18.20	17.80	19.5	0		
20	QPSK	50	72	17.84	18.23	17.87				
20	QPSK	100	0	17.83	18.23	17.83				
20	SCDMA	1	0	17.84	18.24	17.80				
20	SCDMA	1	48	17.81	18.24	17.78	19.5	0		
20	SCDMA	1	96	17.78	18.15	17.80				
20	SCDMA	50	5	17.78	18.25	17.82				
20	SCDMA	50	24	17.78	18.22	17.83	19.5	0		
20	SCDMA	50	50	17.80	18.12	17.80				
20	SCDMA	100	0	17.77	18.17	17.78				
20	SCDMA	1	0	17.81	18.20	17.81				
20	SCDMA	1	48	17.83	18.18	17.73	19.5	0		
20	SCDMA	1	96	17.78	18.17	17.80				
20	SCDMA	50	0	17.81	17.71	17.82				
20	SCDMA	50	24	17.80	17.69	17.74				
20	SCDMA	50	50	17.81	17.68	17.68	19	0.5		
20	SCDMA	100	0	17.81	17.69	17.70				
20	SCDMA	1	48	17.80	17.74	18.24	17	2.5		
20	SCDMA	1	96	17.82	18.24	18.24				
20	SCDMA	50	0	18.24	18.27	18.25				
20	SCDMA	50	24	18.20	18.68	18.34	17	2.5		
20	SCDMA	100	0	18.20	18.20	18.34				
20	SCDMA	100	0	18.20	18.23	18.30				
Time-up level (dBm)										
15	QPSK	1	0	17.74	18.23	17.86				
15	QPSK	1	27	17.78	18.15	17.83	19.5	0		
15	QPSK	1	74	17.71	18.10	17.76				
15	QPSK	1	121	17.80	18.09	17.80				
15	QPSK	36	20	17.73	18.06	17.80	19.5	0		
15	QPSK	36	36	17.74	18.13	17.76				
15	QPSK	72	0	17.71	18.13	17.71				
15	SCDMA	1	0	17.74	18.16	17.68				
15	SCDMA	1	27	17.73	18.15	17.67	19.5	0		
15	SCDMA	1	74	17.68	18.08	17.70				
15	SCDMA	36	0	17.68	18.17	17.71				
15	SCDMA	36	20	17.61	18.14	17.71	19.5	0		
15	SCDMA	72	0	17.64	18.07	17.74				
15	SCDMA	1	0	17.68	18.12	17.70				
15	SCDMA	1	27	17.72	18.07	17.66	19.5	0		
15	SCDMA	1	74	17.67	18.05	17.65				
15	SCDMA	36	0	17.21	17.66	17.21				
15	SCDMA	36	20	17.20	17.66	17.20	19	0.5		
15	SCDMA	72	0	17.20	17.66	17.20				
15	SCDMA	72	0	17.20	17.66	17.20				
15	SCDMA	1	0	18.11	18.04	18.20	17	2.5		
15	SCDMA	1	27	18.06	18.04	18.20				
15	SCDMA	1	74	18.20	18.06	18.27				
15	SCDMA	36	0	18.23	18.06	18.26				
15	SCDMA	36	20	18.10	18.00	18.22	17	2.5		
15	SCDMA	72	0	18.20	18.07	18.20				
15	SCDMA	72	0	18.18	18.01	18.23				
Time-up level (dBm)										
10	QPSK	1	0	17.74	18.27	17.86				
10	QPSK	1	25	17.77	18.14	17.83	19.5	0		
10	QPSK	1	48	17.71	18.10	17.77				
10	QPSK	25	0	17.78	18.09	17.80				
10	QPSK	25	12	17.74	17.89	17.80	19.5	0		
10	QPSK	25	25	17.72	18.14	17.80				
10	QPSK	50	0	17.78	18.13	17.79				
10	SCDMA	1	0	17.71	18.12	17.68				
10	SCDMA	1	25	17.73	18.13	17.68	19.5	0		
10	SCDMA	1	48	17.66	18.04	17.74				
10	SCDMA	25	0	17.67	18.12	17.70				
10	SCDMA	25	12	17.61	18.10	17.73	19.5	0		
10	SCDMA	25	25	17.68	18.00	17.67				
10	SCDMA	50	0	17.68	18.07	17.71				
10	SCDMA	50	0	17.72	18.13	17.66				
10	SCDMA	1	25	17.73	18.00	17.63	19.5	0		
10	SCDMA	1	48	17.67	18.10	17.61				
10	SCDMA	25	0	17.20	17.63	17.20				
10	SCDMA	25	12	17.20	17.66	17.20	19	0.5		
10	SCDMA	25	25	17.21	17.64	17.20				
10	SCDMA	50	0	17.24	17.60	17.23				
10	SCDMA	1	0	18.10	18.01	18.22	17	2.5		
10	SCDMA	1	25	18.08	18.00	18.20				
10	SCDMA	1	48	18.20	18.05	18.20				
10	SCDMA	25	0	18.20	18.00	18.25				
10	SCDMA	25	12	18.07	18.04	18.25	17	2.5		
10	SCDMA	25	25	18.07	18.04	18.25				
10	SCDMA	50	0	18.20	18.01	18.23				
Time-up level (dBm)										
5	QPSK	1	0	17.72	18.26	17.83				
5	QPSK	1	12	17.76	18.12	17.84	19.5	0		
5	QPSK	1	24	17.68	18.14	17.76				
5	QPSK	12	0	17.73	18.13	17.80				
5	QPSK	12	7	17.71	17.89	17.85	19.5	0		
5	QPSK	12	13	17.70	18.12	17.73				
5	QPSK	25	0	17.78	18.10	17.74	19.5	0		
5	SCDMA	1	0	17.78	18.11	17.71				
5	SCDMA	1	12	17.68	18.13	17.69	19.5	0		
5	SCDMA	1	24	17.66	18.03	17.71				
5	SCDMA	12	0	17.69	18.13	17.71				
5	SCDMA	12	7	17.60	18.11	17.74	19.5	0		
5	SCDMA	12	13	17.68	18.01	17.80				
5	SCDMA	25	0	17.68	18.08	17.65				
5	SCDMA	1	0	17.70	18.09	17.73	19.5	0		
5	SCDMA	1	12	17.71	18.10	17.68				
5	SCDMA	1	24	17.68	18.05	17.84				
5	SCDMA	12	0	17.78	17.84	17.20	19	0.5		
5	SCDMA	12	7	17.24	17.66	17.24				
5	SCDMA	12	13	17.22	17.62	17.20				
5	SCDMA	25	0	17.20	17.69	17.27				
5	SCDMA	1	0	18.20	18.04	18.21	17	2.5		
5	SCDMA	1	12	18.16	18.03	18.20				
5	SCDMA	1	24	18.21	18.09	18.20				
5	SCDMA	12	0	18.20	18.09	18.20	17	2.5		
5	SCDMA	12	7	18.01	18.06	18.22				
5	SCDMA	12	13	18.03	18.00	18.06				
5	SCDMA	25	0	18.20	18.08	18.22				
Time-up level (dBm)										
3	QPSK	1	0	17.73	18.23	17.83				
3	QPSK	1	3	17.77	18.14	17.86	19.5	0		
3	QPSK	1	14	17.68	18.10	17.73				
3	QPSK	6	0	17.72	18.09	17.80				
3	QPSK	6	4	17.74	18.00	17.83	19.5	0		
3	QPSK	6	7	17.76	18.14	17.80				
3	QPSK	15	0	17.78	18.11	17.74				
3	SCDMA	1	0	17.78	18.10	17.70				
3	SCDMA	1	6	17.68	18.13	17.70	19.5	0		
3	SCDMA	1	14	17.66	18.05	17.80				
3	SCDMA	6	0	17.67	18.16	17.72				
3	SCDMA	6	4	17.61	18.10	17.71	19.5	0		
3	SCDMA	6	7	17.67	17.80	17.80				
3	SCDMA	15	0	17.68	18.07	17.71				
3	SCDMA	1	0	17.70	18.10	17.68				
3	SCDMA	1	6	17.68	18.07	17.80	19.5	0		
3	SCDMA	1	14	17.68	18.04	17.81				
3	SCDMA	6	0	17.20	17.61	17.20				
3	SCDMA	6	4	17.20	17.62	17.20	19	0.		



LTE Band 38 Ant4 Main_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low	Middle	High				
Channel				3782.5	3800	3815.0	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2390	2395	2410				
20	QPSK	1	0	15.61	15.81	15.40	16	0		
20	QPSK	1	49	15.67	15.79	15.45				
20	QPSK	1	99	15.74	15.74	15.23	16	0		
20	QPSK	50	0	15.72	15.73	15.34				
20	QPSK	50	24	15.64	15.70	15.25	16	0		
20	QPSK	50	50	15.61	15.66	15.27				
20	QPSK	100	0	15.65	15.67	15.38	16	0		
20	16QAM	1	0	15.47	15.63	15.44				
20	16QAM	1	49	15.54	15.67	15.38	16	0		
20	16QAM	1	99	15.62	15.65	15.47				
20	16QAM	50	0	15.58	15.58	15.32	16	0		
20	16QAM	50	24	15.61	15.57	15.32				
20	16QAM	50	50	15.70	15.62	15.40	16	0		
20	16QAM	100	0	15.57	15.62	15.33				
20	64QAM	1	0	15.75	15.66	15.35	16	0		
20	64QAM	1	49	15.53	15.63	15.49				
20	64QAM	1	99	15.67	15.68	15.32	16	0		
20	64QAM	50	0	15.62	15.51	15.26				
20	64QAM	50	24	15.49	15.63	15.45	16	0		
20	64QAM	50	50	15.55	15.68	15.29				
20	64QAM	100	0	15.78	15.61	15.41	16	0		
20	256QAM	1	0	15.68	15.35	15.35				
20	256QAM	1	49	15.60	15.73	15.37	16	0		
20	256QAM	1	99	15.72	15.53	15.43				
20	256QAM	50	0	15.67	15.62	15.41	16	0		
20	256QAM	50	24	15.55	15.62	15.34				
20	256QAM	50	50	15.62	15.69	15.46	16	0		
20	256QAM	100	0	15.47	15.64	15.35				
Channel				3782.5	3800	3817.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	15.59	15.47	15.33	16	0		
15	QPSK	1	37	15.64	15.69	15.27				
15	QPSK	1	74	15.69	15.65	15.14	16	0		
15	QPSK	36	0	15.65	15.63	15.17				
15	QPSK	36	20	15.60	15.67	15.10	16	0		
15	QPSK	36	39	15.58	15.49	15.24				
15	QPSK	75	0	15.58	15.61	15.30	16	0		
15	16QAM	1	0	15.42	15.57	15.34				
15	16QAM	1	37	15.39	15.63	15.35	16	0		
15	16QAM	1	74	15.50	15.48	15.37				
15	16QAM	36	0	15.49	15.41	15.17	16	0		
15	16QAM	36	20	15.44	15.44	15.28				
15	16QAM	36	39	15.53	15.48	15.21	16	0		
15	16QAM	75	0	15.51	15.56	15.23				
15	64QAM	1	0	15.69	15.57	15.24	16	0		
15	64QAM	1	37	15.51	15.60	15.43				
15	64QAM	1	74	15.49	15.62	15.28	16	0		
15	64QAM	36	0	15.56	15.39	15.14				
15	64QAM	36	20	15.39	15.63	15.26	16	0		
15	64QAM	36	39	15.53	15.60	15.19				
15	64QAM	75	0	15.65	15.63	15.23	16	0		
15	256QAM	1	0	15.61	15.46	15.27				
15	256QAM	1	37	15.49	15.70	15.19	16	0		
15	256QAM	1	74	15.54	15.41	15.39				
15	256QAM	36	0	15.60	15.53	15.33	16	0		
15	256QAM	36	20	15.41	15.49	15.24				
15	256QAM	36	39	15.47	15.59	15.27	16	0		
15	256QAM	75	0	15.41	15.63	15.28				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	15.45	15.52	15.34	16	0		
10	QPSK	1	25	15.65	15.63	15.30				
10	QPSK	1	49	15.56	15.73	15.08	16	0		
10	QPSK	25	0	15.65	15.51	15.32				
10	QPSK	25	12	15.45	15.58	15.19	16	0		
10	QPSK	25	25	15.52	15.56	15.12				
10	QPSK	50	0	15.46	15.59	15.35	16	0		
10	16QAM	1	0	15.31	15.56	15.42				
10	16QAM	1	25	15.43	15.52	15.34	16	0		
10	16QAM	1	49	15.53	15.59	15.38				
10	16QAM	25	0	15.55	15.45	15.18	16	0		
10	16QAM	25	12	15.46	15.54	15.28				
10	16QAM	25	25	15.68	15.55	15.35	16	0		
10	16QAM	50	0	15.45	15.58	15.16				
10	64QAM	1	0	15.68	15.51	15.23	16	0		
10	64QAM	1	25	15.49	15.54	15.42				
10	64QAM	1	49	15.59	15.50	15.19	16	0		
10	64QAM	25	0	15.51	15.35	15.17				
10	64QAM	25	12	15.42	15.58	15.42	16	0		
10	64QAM	25	25	15.41	15.53	15.23				
10	64QAM	50	0	15.62	15.44	15.27	16	0		
10	256QAM	1	0	15.52	15.40	15.31				
10	256QAM	1	25	15.55	15.70	15.26	16	0		
10	256QAM	1	49	15.62	15.45	15.30				
10	256QAM	25	0	15.51	15.65	15.29	16	0		
10	256QAM	25	12	15.38	15.52	15.31				
10	256QAM	25	25	15.47	15.63	15.30	16	0		
10	256QAM	50	0	15.37	15.62	15.28				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	15.43	15.52	15.32	16	0		
5	QPSK	1	12	15.60	15.75	15.40				
5	QPSK	1	24	15.68	15.58	15.10	16	0		
5	QPSK	12	0	15.58	15.50	15.22				
5	QPSK	12	7	15.48	15.66	15.12	16	0		
5	QPSK	12	13	15.49	15.53	15.13				
5	QPSK	25	0	15.58	15.55	15.25	16	0		
5	16QAM	1	0	15.34	15.49	15.40				
5	16QAM	1	12	15.53	15.51	15.28	16	0		
5	16QAM	1	24	15.52	15.49	15.30				
5	16QAM	12	0	15.46	15.52	15.21	16	0		
5	16QAM	12	7	15.57	15.40	15.24				
5	16QAM	12	13	15.68	15.51	15.34	16	0		
5	16QAM	25	0	15.42	15.56	15.25				
5	64QAM	1	0	15.68	15.60	15.21	16	0		
5	64QAM	1	12	15.48	15.44	15.33				
5	64QAM	1	24	15.63	15.59	15.20	16	0		
5	64QAM	12	0	15.54	15.35	15.08				
5	64QAM	12	7	15.42	15.59	15.36	16	0		
5	64QAM	12	13	15.51	15.54	15.19				
5	64QAM	25	0	15.66	15.56	15.29	16	0		
5	256QAM	1	0	15.66	15.39	15.33				
5	256QAM	1	12	15.57	15.67	15.30	16	0		
5	256QAM	1	24	15.64	15.48	15.24				
5	256QAM	12	0	15.59	15.48	15.30	16	0		
5	256QAM	12	7	15.50	15.56	15.31				
5	256QAM	12	13	15.49	15.55	15.37	16	0		
5	256QAM	25	0	15.35	15.52	15.18				

LTE Band 41 Ant4 Main_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low	Low Middle	Power Middle				
Channel				3970	40185	40620	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2596	2549.5	2593				
20	QPSK	1	0	15.59	15.39	15.85	16	0		
20	QPSK	1	49	15.56	15.39	15.81				
20	QPSK	1	99	15.63	15.37	15.75	16	0		
20	QPSK	50	0	15.55	15.54	15.81				
20	QPSK	50	24	15.52	15.46	15.70	16	0		
20	QPSK	50	50	15.65	15.43	15.80				
20	QPSK	100	0	15.56	15.50	15.83	16	0		
20	16QAM	1	0	15.52	15.43	15.75				
20	16QAM	1	49	15.68	15.42	15.75	16	0		
20	16QAM	1	99	15.51	15.49	15.75				
20	16QAM	50	0	15.55	15.48	15.76	16	0		
20	16QAM	50	24	15.58	15.49	15.78				
20	16QAM	50	50	15.58	15.36	15.84	16	0		
20	16QAM	100	0	15.61	15.48	15.72				
20	64QAM	1	0	15.56	15.53	15.83	16	0		
20	64QAM	1	49	15.58	15.51	15.81				
20	64QAM	1	99	15.51	15.52	15.81	16	0		
20	64QAM	50	0	15.54	15.53	15.84				
20	64QAM	50	24	15.61	15.53	15.84	16	0		
20	64QAM	50	50	15.55	15.42	15.82				
20	64QAM	100	0	15.68	15.48	15.73	16	0		
20	256QAM	1	0	15.69	15.53	15.78				
20	256QAM	1	49	15.52	15.41	15.72	16	0		
20	256QAM	1	99	15.67	15.41	15.79				
20	256QAM	50	0	15.57	15.40	15.78	16	0		
20	256QAM	50	24	15.55	15.45	15.72				
20	256QAM	50	50	15.66	15.39	15.76				



LTE Band 42 Ant5 Main_PA DS13										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Tune-up limit (dBm)	MPR (dB)		
				42150	42590	42990				
Channel				3480	3500	3540				
Frequency (MHz)				3480	3500	3540				
20	QPSK	1	0	17.83	18.35	18.05	18.5	0		
20	QPSK	1	49	17.80	18.17	18.09				
20	QPSK	1	99	17.80	18.13	18.03				
20	QPSK	50	0	17.78	18.25	18.19	18.5	0		
20	QPSK	50	24	17.81	18.10	18.14				
20	QPSK	50	50	17.72	18.13	18.07				
20	QPSK	100	0	17.81	18.20	18.06	18.5	0		
20	16QAM	1	0	17.82	18.21	18.10				
20	16QAM	1	49	17.85	18.23	18.17				
20	16QAM	1	99	17.80	18.28	18.03	18.5	0		
20	16QAM	50	0	17.88	18.12	18.09				
20	16QAM	50	24	17.74	18.24	18.10				
20	16QAM	50	50	17.82	18.20	18.03	18.5	0		
20	16QAM	100	0	17.78	18.12	18.06				
20	64QAM	1	0	17.71	18.15	18.19				
20	64QAM	1	49	17.72	18.24	18.06	18.5	0		
20	64QAM	1	99	17.72	18.14	18.09				
20	64QAM	50	0	17.71	18.18	18.11				
20	64QAM	50	24	17.76	18.22	18.12	18.5	0		
20	64QAM	50	50	17.73	18.27	18.14				
20	64QAM	100	0	17.80	18.22	18.15				
20	256QAM	1	0	17.69	18.23	18.08	18.5	0		
20	256QAM	1	49	17.80	18.12	18.16				
20	256QAM	1	99	17.81	18.25	18.04				
20	256QAM	50	0	17.75	18.20	18.04	18.5	0		
20	256QAM	50	24	17.71	18.21	18.07				
20	256QAM	50	50	17.81	18.28	18.12				
20	256QAM	100	0	17.74	18.17	18.03				
Channel				42165	42590	43015				
Frequency (MHz)				3457.5	3500	3542.5				
15	QPSK	1	0	17.79	18.10	17.89	18.5	0		
15	QPSK	1	37	17.84	18.16	17.91				
15	QPSK	1	74	17.85	18.08	17.99				
15	QPSK	36	0	17.73	18.08	18.02	18.5	0		
15	QPSK	36	20	17.76	18.14	18.10				
15	QPSK	36	39	17.88	18.05	17.90				
15	QPSK	75	0	17.74	18.15	18.01	18.5	0		
15	16QAM	1	0	17.77	18.02	18.03				
15	16QAM	1	37	17.86	18.21	18.13				
15	16QAM	1	74	17.85	18.25	18.01	18.5	0		
15	16QAM	36	0	17.80	18.05	18.06				
15	16QAM	36	20	17.58	18.13	17.95				
15	16QAM	36	39	17.80	18.11	17.87	18.5	0		
15	16QAM	75	0	17.80	18.06	18.02				
15	64QAM	1	0	17.58	18.01	18.00				
15	64QAM	1	37	17.88	18.20	17.94	18.5	0		
15	64QAM	1	74	17.89	18.06	17.99				
15	64QAM	36	0	17.80	18.09	17.93				
15	64QAM	36	20	17.81	18.10	17.94	18.5	0		
15	64QAM	36	39	17.80	18.16	18.10				
15	64QAM	75	0	17.71	18.18	18.04				
15	256QAM	1	0	17.55	18.17	17.91	18.5	0		
15	256QAM	1	37	17.89	18.07	18.01				
15	256QAM	1	74	17.75	18.19	17.87				
15	256QAM	36	0	17.81	18.06	17.85	18.5	0		
15	256QAM	36	20	17.86	18.03	17.96				
15	256QAM	36	39	17.88	18.11	18.07				
15	256QAM	75	0	17.58	18.11	17.95				
Channel				42140	42590	43040				
Frequency (MHz)				3455	3500	3545				
10	QPSK	1	0	17.74	18.12	17.99	18.5	0		
10	QPSK	1	25	17.74	18.04	18.05				
10	QPSK	1	49	17.77	17.99	18.01				
10	QPSK	25	0	17.86	18.18	18.08	18.5	0		
10	QPSK	25	12	17.85	18.06	18.03				
10	QPSK	25	25	17.80	17.96	18.04				
10	QPSK	50	0	17.67	18.07	17.90	18.5	0		
10	16QAM	1	0	17.71	18.11	17.96				
10	16QAM	1	25	17.69	18.15	18.02				
10	16QAM	1	49	17.65	18.13	18.00	18.5	0		
10	16QAM	25	0	17.52	18.05	17.93				
10	16QAM	25	12	17.65	18.12	17.96				
10	16QAM	25	25	17.78	18.16	17.86	18.5	0		
10	16QAM	50	0	17.67	18.02	18.04				
10	64QAM	1	0	17.60	18.08	18.02				
10	64QAM	1	25	17.66	18.17	17.96	18.5	0		
10	64QAM	1	49	17.69	18.09	17.96				
10	64QAM	25	0	17.62	18.04	17.96				
10	64QAM	25	12	17.62	18.04	18.00	18.5	0		
10	64QAM	25	25	17.81	18.20	18.12				
10	64QAM	50	0	17.74	18.15	18.07				
10	256QAM	1	0	17.67	18.16	17.98	18.5	0		
10	256QAM	1	25	17.78	18.03	18.10				
10	256QAM	1	49	17.78	18.23	18.01				
10	256QAM	25	0	17.71	18.15	17.92	18.5	0		
10	256QAM	25	12	17.83	18.05	17.96				
10	256QAM	25	25	17.70	18.25	17.96				
10	256QAM	50	0	17.56	18.15	18.01				
Channel				42115	42590	43065				
Frequency (MHz)				3452.5	3500	3547.5				
5	QPSK	1	0	17.74	18.16	17.93	18.5	0		
5	QPSK	1	12	17.67	17.99	18.04				
5	QPSK	1	24	17.84	17.95	17.97				
5	QPSK	12	0	17.75	18.17	18.10	18.5	0		
5	QPSK	12	7	17.85	18.04	18.09				
5	QPSK	12	13	17.81	17.94	18.00				
5	QPSK	25	0	17.76	18.14	17.94	18.5	0		
5	16QAM	1	0	17.75	18.03	18.09				
5	16QAM	1	12	17.71	18.10	18.03				
5	16QAM	1	24	17.76	18.25	17.97	18.5	0		
5	16QAM	12	0	17.51	18.02	17.99				
5	16QAM	12	7	17.82	18.14	18.07				
5	16QAM	12	13	17.89	18.05	17.97	18.5	0		
5	16QAM	25	0	17.63	17.96	18.05				
5	64QAM	1	0	17.64	18.02	18.16				
5	64QAM	1	12	17.65	18.16	17.88	18.5	0		
5	64QAM	1	24	17.58	18.06	18.07				
5	64QAM	12	0	17.86	18.17	18.09				
5	64QAM	12	7	17.89	18.16	18.02	18.5	0		
5	64QAM	12	13	17.80	18.14	18.12				
5	64QAM	25	0	17.75	18.15	17.98				
5	256QAM	1	0	17.64	18.18	17.98	18.5	0		
5	256QAM	1	12	17.84	18.10	17.99				
5	256QAM	1	24	17.84	18.12	17.99				
5	256QAM	12	0	17.61	18.17	18.00	18.5	0		
5	256QAM	12	7	17.58	18.18	17.97				
5	256QAM	12	13	17.86	18.12	18.07				
5	256QAM	25	0	17.81	17.99	17.99				



Reduced Power Mode for Other PA DSI3

LTE Band 38 Ant1 Other_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2590	2596	2610				
20	QPSK	1	0	20.29	20.45	20.26				
20	QPSK	1	49	20.32	20.41	20.23	22	0		
20	QPSK	1	99	20.33	20.44	20.25				
20	QPSK	50	0	20.30	20.41	20.27				
20	QPSK	50	24	20.33	20.37	20.37	22	0		
20	QPSK	50	50	20.18	20.37	20.39				
20	QPSK	100	0	20.27	20.35	20.30				
20	16QAM	1	0	20.25	20.34	20.36				
20	16QAM	1	49	20.26	20.44	20.38	22	0		
20	16QAM	1	99	20.25	20.39	20.37				
20	16QAM	50	0	20.34	20.35	20.28				
20	16QAM	50	24	20.19	20.40	20.26	22	0		
20	16QAM	50	50	20.24	20.30	20.36				
20	16QAM	100	0	20.18	20.33	20.32				
20	64QAM	1	0	20.28	20.32	20.38				
20	64QAM	1	49	20.32	20.33	20.28	22	0		
20	64QAM	1	99	20.31	20.35	20.33				
20	64QAM	50	0	19.21	19.33	19.25				
20	64QAM	50	24	19.25	19.36	19.37	21	1		
20	64QAM	50	50	19.29	19.37	19.29				
20	64QAM	100	0	19.25	19.43	19.25				
20	256QAM	1	0	17.32	17.44	17.39				
20	256QAM	1	49	17.27	17.29	17.34	19	3		
20	256QAM	1	99	17.22	17.39	17.24				
20	256QAM	50	0	17.29	17.36	17.39				
20	256QAM	50	24	17.33	17.33	17.29				
20	256QAM	50	50	17.32	17.39	17.28	19	3		
20	256QAM	100	0	17.17	17.43	17.34				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.20	20.37	20.23	22	0		
15	QPSK	1	37	20.26	20.38	20.14				
15	QPSK	1	74	20.27	20.40	20.16				
15	QPSK	36	0	20.16	20.18	20.14				
15	QPSK	36	20	20.17	20.19	20.31	22	0		
15	QPSK	36	39	20.05	20.21	20.35				
15	QPSK	75	0	20.20	20.11	20.23				
15	16QAM	1	0	20.19	20.20	20.24				
15	16QAM	1	37	20.10	20.28	20.25	22	0		
15	16QAM	1	74	20.15	20.21	20.25				
15	16QAM	36	0	20.29	20.19	20.11				
15	16QAM	36	20	20.06	20.27	20.20	22	0		
15	16QAM	36	39	20.11	20.27	20.23				
15	16QAM	75	0	20.07	20.27	20.24				
15	64QAM	1	0	20.14	20.15	20.33				
15	64QAM	1	37	20.25	20.32	20.11	22	0		
15	64QAM	1	74	20.17	20.34	20.32				
15	64QAM	36	0	19.04	19.15	19.21				
15	64QAM	36	20	19.19	19.26	19.34	21	1		
15	64QAM	36	39	19.20	19.20	19.11				
15	64QAM	75	0	19.12	19.25	19.16				
15	256QAM	1	0	17.18	17.34	17.34				
15	256QAM	1	37	17.20	17.12	17.29	19	3		
15	256QAM	1	74	17.08	17.29	17.19				
15	256QAM	36	0	17.28	17.34	17.27				
15	256QAM	36	20	17.16	17.18	17.23	19	3		
15	256QAM	36	39	17.17	17.34	17.22				
15	256QAM	75	0	17.09	17.28	17.28				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2576	2595	2615				
10	QPSK	1	0	20.20	20.39	20.12	22	0		
10	QPSK	1	25	20.16	20.35	20.04				
10	QPSK	1	49	20.19	20.30	20.16				
10	QPSK	25	0	20.26	20.21	20.13				
10	QPSK	25	12	20.21	20.22	20.23	22	0		
10	QPSK	25	25	20.10	20.20	20.31				
10	QPSK	50	0	20.24	20.19	20.12				
10	16QAM	1	0	20.18	20.29	20.27				
10	16QAM	1	25	20.13	20.31	20.20	22	0		
10	16QAM	1	49	20.09	20.36	20.35				
10	16QAM	25	0	20.29	20.24	20.21				
10	16QAM	25	12	20.16	20.39	20.08	22	0		
10	16QAM	25	25	20.08	20.14	20.29				
10	16QAM	50	0	20.04	20.23	20.24				
10	64QAM	1	0	20.19	20.27	20.29				
10	64QAM	1	25	20.26	20.24	20.23	22	0		
10	64QAM	1	49	20.29	20.27	20.26				
10	64QAM	25	0	19.09	19.29	19.08				
10	64QAM	25	12	19.15	19.22	19.23	21	1		
10	64QAM	25	25	19.10	19.21	19.24				
10	64QAM	50	0	19.15	19.26	19.23				
10	256QAM	1	0	17.22	17.36	17.28				
10	256QAM	1	25	17.10	17.15	17.16	19	3		
10	256QAM	1	49	17.14	17.23	17.15				
10	256QAM	25	0	17.27	17.29	17.24				
10	256QAM	25	12	17.18	17.29	17.11	19	3		
10	256QAM	25	25	17.21	17.32	17.19				
10	256QAM	50	0	17.07	17.28	17.16				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.20	20.37	20.17	22	0		
5	QPSK	1	12	20.25	20.25	20.14				
5	QPSK	1	24	20.30	20.37	20.21				
5	QPSK	12	0	20.29	20.24	20.13				
5	QPSK	12	7	20.15	20.27	20.21	22	0		
5	QPSK	12	13	20.09	20.30	20.31				
5	QPSK	25	0	20.17	20.18	20.11				
5	16QAM	1	0	20.12	20.21	20.26				
5	16QAM	1	12	20.10	20.38	20.28	22	0		
5	16QAM	1	24	20.11	20.36	20.18				
5	16QAM	12	0	20.16	20.30	20.15				
5	16QAM	12	7	20.08	20.22	20.17	22	0		
5	16QAM	12	13	20.22	20.22	20.22				
5	16QAM	25	0	20.08	20.25	20.22				
5	64QAM	1	0	20.26	20.13	20.36				
5	64QAM	1	12	20.29	20.25	20.18	22	0		
5	64QAM	1	24	20.24	20.21	20.22				
5	64QAM	12	0	19.18	19.30	19.23				
5	64QAM	12	7	19.18	19.34	19.25	21	1		
5	64QAM	12	13	19.13	19.30	19.15				
5	64QAM	25	0	19.10	19.25	19.09				
5	256QAM	1	0	17.20	17.29	17.20				
5	256QAM	1	12	17.20	17.18	17.18	19	3		
5	256QAM	1	24	17.18	17.20	17.19				
5	256QAM	12	0	17.17	17.23	17.22				
5	256QAM	12	7	17.32	17.29	17.13				
5	256QAM	12	13	17.13	17.22	17.10	19	3		
5	256QAM	25	0	17.04	17.31	17.20				

LTE Band 41 Ant1 Other_PA DSI3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Low Middle	Power Middle	Power High Middle	Power High	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.63	19.90	20.11	19.93	19.76		
20	QPSK	1	49	19.56	20.00	19.97	19.94	19.69	21.5	0
20	QPSK	1	99	19.65	19.91	20.00	19.79	19.73		
20	QPSK	50	0	19.64	19.94	20.05	19.83	19.66		
20	QPSK	50	24	19.58	19.83	20.04	19.83	19.75	21.5	0
20	QPSK	50	50	19.65	19.96	19.94	19.80	19.73		
20	QPSK	100	0	19.65	19.95	19.99	19.81	19.65		
20	16QAM	1	0	19.61	19.96	20.00	19.86	19.76		
20	16QAM	1	49	19.60	20.00	20.00	19.91	19.76	21.5	0
20	16QAM	1	99	19.61	19.92	19.91	19.92	19.67		
20	16QAM	50	0	19.57	19.96	20.06	19.80	19.63		
20	16QAM	50	24	19.72	19.96	20.03	19.83	19.74	21.5	0
20	16QAM	50	50	19.68	19.92	19.91	19.94	19.77		
20	16QAM	100	0	19.73	19.84	19.90	19.82	19.76		
20	64QAM	1	0	19.57	19.85	19.99	19.90	19.74		
20	64QAM	1	49	19.70	19.83	20.07	19.79	19.79	21.5	0
20	64QAM	1	99	19.58	19.90	19.95	19.90	19.78		
20	64QAM	50	0	19.13	19.46	19.41	19.35	19.24		
20	64QAM	50	24	19.12	19.42	19.46	19.27	19.14	21	0.5
20	64QAM	50	50	19.07	19.42	19.46	19.42	19.25		
20	64QAM	100	0	19.06	19.46	19.52	19.40	19.17		
20	256QAM	1	0	17.19	17.33	17.58	17.36	17.22		
20	256QAM	1								



Reduced Power Mode for DS16

		GSM850 Ant 0 DS16			GSM1900 Ant 0 DS16				
GSM850_Ant 0	TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
		128	189	251		128	189	251	
	Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
	GSM 1 Tx slot	32.27	32.38	32.41	33.50	23.27	23.38	23.41	24.50
	GPRS 1 Tx slots	32.26	32.37	32.41	33.50	23.26	23.37	23.41	24.50
	GPRS 2 Tx slots	30.28	30.48	30.47	31.50	24.28	24.48	24.47	25.50
	GPRS 3 Tx slots	28.42	28.48	28.58	29.50	24.16	24.22	24.32	25.24
	GPRS 4 Tx slots	28.14	28.24	28.42	27.50	23.14	23.24	23.42	24.50
	EDGE 1 Tx slot	24.70	24.98	24.77	26.00	15.70	15.98	15.77	17.00
	EDGE 2 Tx slots	24.75	24.81	24.78	25.50	18.75	18.81	18.78	19.50
	EDGE 3 Tx slots	23.82	23.78	23.87	25.00	19.56	19.52	19.61	20.74
	EDGE 4 Tx slots	21.33	21.44	21.32	22.50	18.33	18.44	18.32	19.50

		GSM1900 Ant 0 DS16			GSM850 Ant 0 DS16				
GSM1900_Ant 0	TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
		1850.2	1880	1909.8		1850.2	1880	1909.8	
	Frequency (MHz)	1850.2 <td>1880 <td>1909.8</td> <td></td> <td>1850.2 <td>1880 <td>1909.8</td> <td></td> </td></td></td>	1880 <td>1909.8</td> <td></td> <td>1850.2 <td>1880 <td>1909.8</td> <td></td> </td></td>	1909.8		1850.2 <td>1880 <td>1909.8</td> <td></td> </td>	1880 <td>1909.8</td> <td></td>	1909.8	
	GSM 1 Tx slot	27.73	27.85	28.01	29.00	18.73	18.85	19.01	20.00
	GPRS 1 Tx slots	27.71	27.87	27.98	29.00	18.71	18.87	18.98	20.00
	GPRS 2 Tx slots	25.54	25.84	25.70	27.00	19.54	19.84	19.70	21.00
	GPRS 3 Tx slots	23.79	23.97	24.14	25.00	19.53	19.71	19.88	20.74
	GPRS 4 Tx slots	22.21	22.33	22.14	24.00	19.21	19.33	19.14	21.00
	EDGE 1 Tx slot	25.21	24.94	24.72	26.00	16.21	15.94	15.72	17.00
	EDGE 2 Tx slots	25.11	24.85	24.74	25.50	18.11	18.85	18.74	19.50
	EDGE 3 Tx slots	23.35	23.01	22.88	24.00	19.09	18.75	18.60	19.74
	EDGE 4 Tx slots	21.57	21.03	20.91	22.00	18.37	18.03	17.91	19.00

		WCDMA II Ant 0 DS16			WCDMA IV Ant 0 DS16			WCDMA V Ant 0 DS16				
Band	TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V		
		9262	9400	9538		1312	1413	1513		4132	4182	4233
	Frequency (MHz)	9262	9400	9538		1312	1413	1513		4132	4182	4233
	SGPP Rel 99 AMR 12.2Kbps	18.52	18.55	18.55	20.00	13.39	13.53	13.98	20.50	22.52	22.79	22.52
	SGPP Rel 99 RMC 12.2Kbps	18.53	18.63	18.60	20.00	18.00	19.08	18.98	20.50	22.54	22.88	22.69
	SGPP Rel 6 HSDPA Subtest-1	17.57	17.61	17.57	19.00	17.72	17.77	17.90	19.50	21.53	21.51	21.67
	SGPP Rel 6 HSDPA Subtest-2	17.55	17.86	17.60	19.00	17.60	17.69	17.85	19.50	21.85	21.70	21.70
	SGPP Rel 6 HSDPA Subtest-3	16.89	17.15	17.12	18.50	17.22	17.39	17.44	19.00	21.02	21.19	21.14
	SGPP Rel 6 HSDPA Subtest-4	16.93	17.19	17.17	18.50	17.24	17.41	17.25	19.00	20.95	21.21	21.11
	SGPP Rel 6 DC-HSDPA Subtest-1	17.50	17.55	17.71	19.00	17.89	17.84	17.92	19.50	21.88	21.82	21.74
	SGPP Rel 6 DC-HSDPA Subtest-2	17.55	17.64	17.64	19.00	17.73	17.78	18.08	19.50	21.49	21.57	21.77
	SGPP Rel 6 DC-HSDPA Subtest-3	17.11	17.13	17.09	18.50	17.47	17.42	17.31	19.00	21.19	21.28	21.24
	SGPP Rel 6 DC-HSDPA Subtest-4	17.06	17.14	17.01	18.50	17.28	17.39	17.28	19.00	21.25	21.11	21.12
	SGPP Rel 6 HSUPA Subtest-1	17.60	17.54	17.51	19.00	17.85	17.91	17.78	19.50	21.76	21.69	21.58
	SGPP Rel 6 HSUPA Subtest-2	15.41	15.54	15.59	17.00	15.75	15.85	15.81	17.50	19.52	19.60	19.46
	SGPP Rel 6 HSUPA Subtest-3	16.61	16.51	16.52	18.00	16.92	16.91	16.71	18.50	20.66	20.66	20.43
	SGPP Rel 6 HSUPA Subtest-4	15.42	15.75	15.67	17.00	15.78	15.91	15.93	17.50	19.60	19.74	19.67
	SGPP Rel 6 HSUPA Subtest-5	17.60	17.52	17.68	19.00	17.74	17.84	17.88	19.50	21.66	21.56	21.67
	SGPP Rel 7 HSPA+ (16QAM) Subtest-1	15.18	15.03	15.07	16.50	15.53	15.21	15.38	17.00	19.29	19.10	19.25



LTE Band 2 Ant0 Main_PA DS16													
BSF (MHz)	Multiplex	RB Size	RB Offset	Low	Mid	High	Frequency (MHz)	RB Size	RB Offset	Low	Mid	High	Frequency (MHz)
Channel													
Frequency (MHz)													
20	CPSC	1	0	1834	1833	1841							
20	CPSC	1	49	1849	1847	1851	20	0					
20	CPSC	1	98	1864	1862	1866							
20	CPSC	50	0	1852	1851	1859							
20	CPSC	50	24	1855	1855	1859							
20	CPSC	100	0	1852	1851	1859	20	0					
20	ICGAM	1	0	1878	1878	1883							
20	ICGAM	1	49	1893	1892	1893	20	0					
20	ICGAM	50	0	1880	1880	1883							
20	ICGAM	50	0	1880	1879	1885							
20	ICGAM	50	24	1883	1881	1885							
20	ICGAM	100	0	1880	1879	1885	20	0					
20	SGAMM	1	0	1897	1892	1893							
20	SGAMM	1	49	1912	1910	1910	20	0					
20	SGAMM	1	98	1927	1926	1926							
20	SGAMM	50	0	1900	1897	1900							
20	SGAMM	50	0	1900	1899	1905							
20	SGAMM	50	24	1903	1901	1905							
20	SGAMM	100	0	1900	1899	1905	20	0					
20	ZSSGAM	1	0	1725	1726	1727							
20	ZSSGAM	1	49	1740	1737	1740	19	1					
20	ZSSGAM	1	99	1755	1753	1756							
20	ZSSGAM	50	0	1730	1729	1736							
20	ZSSGAM	50	24	1733	1731	1736							
20	ZSSGAM	100	0	1730	1729	1736	19	1					
20	ZSSGAM	100	0	1730	1729	1736							
Channel													
Frequency (MHz)													
15	CPSC	1	0	1848	1848	1850							
15	CPSC	1	37	1858	1852	1842	20	0					
15	CPSC	1	74	1858	1852	1842							
15	CPSC	1	111	1858	1852	1842							
15	CPSC	36	20	1855	1841	1844	20	0					
15	CPSC	36	39	1854	1871	1842							
15	CPSC	36	78	1854	1871	1842							
15	ICGAM	1	0	1871	1882	1884							
15	ICGAM	1	37	1866	1859	1853	20	0					
15	ICGAM	1	74	1866	1846	1846							
15	ICGAM	36	0	1852	1857	1849							
15	ICGAM	36	20	1850	1885	1841	20	0					
15	ICGAM	36	39	1851	1858	1833							
15	ICGAM	36	78	1851	1874	1844							
15	SGAMM	1	0	1861	1874	1844							
15	SGAMM	1	37	1864	1874	1841	20	0					
15	SGAMM	1	74	1861	1873	1847							
15	SGAMM	36	0	1838	1835	1846							
15	SGAMM	36	20	1842	1870	1844	20	0					
15	SGAMM	36	39	1843	1877	1844							
15	SGAMM	36	78	1843	1872	1836							
15	ZSSGAM	1	0	1749	1749	1748							
15	ZSSGAM	1	37	1749	1749	1748	19	1					
15	ZSSGAM	1	74	1748	1758	1748							
15	ZSSGAM	36	0	1749	1749	1748							
15	ZSSGAM	36	20	1744	1744	1744							
15	ZSSGAM	36	39	1743	1741	1744	19	1					
15	ZSSGAM	36	78	1743	1741	1744							
Channel													
Frequency (MHz)													
10	CPSC	1	0	1849	1836	1838							
10	CPSC	1	21	1849	1836	1838	20	0					
10	CPSC	1	41	1849	1836	1838							
10	CPSC	25	0	1849	1836	1840							
10	CPSC	25	12	1849	1836	1840	20	0					
10	CPSC	25	25	1849	1836	1840							
10	CPSC	50	0	1836	1834	1846							
10	ICGAM	1	0	1850	1852	1846							
10	ICGAM	1	49	1850	1852	1846	20	0					
10	ICGAM	25	0	1852	1852	1847							
10	ICGAM	25	12	1852	1852	1847	20	0					
10	ICGAM	25	25	1852	1852	1846							
10	SGAMM	1	0	1842	1878	1843							
10	SGAMM	1	25	1852	1858	1848							
10	SGAMM	1	49	1850	1876	1837	20	0					
10	SGAMM	25	0	1842	1878	1848							
10	SGAMM	25	12	1844	1871	1835	20	0					
10	SGAMM	25	25	1844	1871	1835							
10	ZSSGAM	1	0	1749	1746	1746							
10	ZSSGAM	1	25	1749	1749	1745	19	1					
10	ZSSGAM	25	0	1749	1749	1746							
10	ZSSGAM	25	12	1749	1749	1745	19	1					
10	ZSSGAM	25	25	1749	1749	1745							
Channel													
Frequency (MHz)													
5	CPSC	1	0	1855	1842	1837							
5	CPSC	1	12	1851	1870	1848	20	0					
5	CPSC	1	24	1849	1876	1848							
5	CPSC	12	0	1849	1876	1848							
5	CPSC	12	7	1852	1850	1846	20	0					
5	CPSC	12	13	1870	1873	1833							
5	CPSC	25	0	1850	1847	1842							
5	ICGAM	1	0	1873	1830	1842							
5	ICGAM	1	12	1849	1870	1848	20	0					
5	ICGAM	1	24	1852	1852	1842							
5	ICGAM	12	0	1850	1873	1842							
5	ICGAM	12	7	1840	1872	1843	20	0					
5	ICGAM	12	13	1842	1852	1848							
5	ICGAM	25	0	1838	1872	1836							
5	SGAMM	1	0	1827	1850	1830	20	0					
5	SGAMM	1	12	1842	1878	1848							
5	SGAMM	1	24	1853	1842	1845							
5	SGAMM	12	0	1834	1878	1848	20	0					
5	SGAMM	12	7	1847	1847	1838							
5	ZSSGAM	1	0	1743	1743	1743							
5	ZSSGAM	1	12	1743	1743	1743	19	1					
5	ZSSGAM	1	24	1743	1743	1743							
5	ZSSGAM	12	0	1742	1746	1746	19	1					
5	ZSSGAM	12	7	1742	1746	1746							
5	ZSSGAM	12	13	1749	1746	1746	19	1					
5	ZSSGAM	25	0	1743	1744	1746							
Channel													
Frequency (MHz)													
1.4	CPSC	1	0	1848	1836	1834							
1.4	CPSC	1	0	1848	1836	1834	20	0					
1.4	CPSC	1	0	1848	1836	1834							
1.4	CPSC	3	0	1848	1836	1834							
1.4	CPSC	3	0	1848	1836	1834	20	0					
1.4	CPSC	3	1	1847	1872	1846							
1.4	CPSC	3	2	1872	1872	1837							
1.4	ICGAM	1	0	1843	1843	1845	20	0					
1.4	ICGAM	1	0	1843	1843	1844							
1.4	ICGAM	1	5	1843	1843	1841	20	0					
1.4	ICGAM	3	0	1840	1842	1840							
1.4	ICGAM	3	1	1842	1878	1846							
1.4	ICGAM	3	2	1842	1878	1846	20	0					
1.4	ICGAM	3	3	1844	1842	1838							
1.4	ICGAM	6	0	1830	1878	1833	20	0					
1.4	ICGAM	6	0	1843	1874	1848							
1.4	ICGAM	1	0	1843	1878	1848							
1.4	ICGAM	1	5	1841	1877	1848	20	0					
1.4	ICGAM	3	0	1841	1874	1838							
1.4	ICGAM	3	1	1847	1841	1838	20	0					
1.4	ICGAM	3	2	1849	1872	1848							
1.4	ICGAM	3	3	1849	1878	1848							
1.4	ZSSGAM	1	0	1742	1748	1744	20	0					
1.4	ZSSGAM	1	3	1741	1746	1743							
1.4	ZSSGAM	1	6	1741	1746	1743	19	1					
1.4	ZSSGAM	3	0	1742	1748	1744							
1.4	ZSSGAM	3	1	1740	1742	1742							
1.4	ZSSGAM	3	2	1741	1746	1743	19	1					
1.4	ZSSGAM	3	3	1740	1742	1742							

LTE Band 4 Ant0 Main_PA DS16													
BSF (MHz)	Multiplex	RB Size	RB Offset	Low	Mid	High	Frequency (MHz)	RB Size	RB Offset	Low	Mid		



LTE Band 12 Ant0 Main_PA DSI6												
BSI (MHz)	Multiplex	RB Size	RB Offset	Low	Mid	High	Time-adj (dB)	MPE (dB)	T-Tune-up-2	T-Tune-up	Time-adj (dB)	MPE (dB)
Channel												
Frequency (MHz)												
10	CPSC	1	0	2247	2251	2247						
10	CPSC	1	25	2248	2252	2247	24	0				
10	CPSC	1	49	2250	2254	2247						
10	CPSC	25	0	2190	2201	2191						
10	CPSC	25	12	2192	2194	2189	23	1				
10	CPSC	25	0	2178	2195	2188						
10	ICGAM	1	0	2179	2189	2183						
10	ICGAM	1	25	2180	2187	2188	23	1				
10	ICGAM	1	49	2182	2184	2180						
10	ICGAM	25	0	2080	2087	2083						
10	ICGAM	25	12	2082	2084	2080	22	2				
10	ICGAM	25	0	2068	2074	2077						
10	ICGAM	25	0	2056	2063	2063						
10	ICGAM	25	0	2044	2051	2051						
10	ICGAM	25	0	2032	2039	2039						
10	ICGAM	25	0	2020	2027	2027						
10	ICGAM	25	0	2008	2015	2015						
10	ICGAM	25	0	1996	2003	2003						
10	ICGAM	25	0	1984	1991	1991						
10	ICGAM	25	0	1972	1979	1979						
10	ICGAM	25	0	1960	1967	1967						
10	ICGAM	25	0	1948	1955	1955						
10	ICGAM	25	0	1936	1943	1943						
10	ICGAM	25	0	1924	1931	1931						
10	ICGAM	25	0	1912	1919	1919						
10	ICGAM	25	0	1900	1907	1907						
10	ICGAM	25	0	1888	1895	1895						
10	ICGAM	25	0	1876	1883	1883						
10	ICGAM	25	0	1864	1871	1871						
10	ICGAM	25	0	1852	1859	1859						
10	ICGAM	25	0	1840	1847	1847						
10	ICGAM	25	0	1828	1835	1835						
10	ICGAM	25	0	1816	1823	1823						
10	ICGAM	25	0	1804	1811	1811						
10	ICGAM	25	0	1792	1799	1799						
10	ICGAM	25	0	1780	1787	1787						
10	ICGAM	25	0	1768	1775	1775						
10	ICGAM	25	0	1756	1763	1763						
10	ICGAM	25	0	1744	1751	1751						
10	ICGAM	25	0	1732	1739	1739						
10	ICGAM	25	0	1720	1727	1727						
10	ICGAM	25	0	1708	1715	1715						
10	ICGAM	25	0	1696	1703	1703						
10	ICGAM	25	0	1684	1691	1691						
10	ICGAM	25	0	1672	1679	1679						
10	ICGAM	25	0	1660	1667	1667						
10	ICGAM	25	0	1648	1655	1655						
10	ICGAM	25	0	1636	1643	1643						
10	ICGAM	25	0	1624	1631	1631						
10	ICGAM	25	0	1612	1619	1619						
10	ICGAM	25	0	1600	1607	1607						
10	ICGAM	25	0	1588	1595	1595						
10	ICGAM	25	0	1576	1583	1583						
10	ICGAM	25	0	1564	1571	1571						
10	ICGAM	25	0	1552	1559	1559						
10	ICGAM	25	0	1540	1547	1547						
10	ICGAM	25	0	1528	1535	1535						
10	ICGAM	25	0	1516	1523	1523						
10	ICGAM	25	0	1504	1511	1511						
10	ICGAM	25	0	1492	1499	1499						
10	ICGAM	25	0	1480	1487	1487						
10	ICGAM	25	0	1468	1475	1475						
10	ICGAM	25	0	1456	1463	1463						
10	ICGAM	25	0	1444	1451	1451						
10	ICGAM	25	0	1432	1439	1439						
10	ICGAM	25	0	1420	1427	1427						
10	ICGAM	25	0	1408	1415	1415						
10	ICGAM	25	0	1396	1403	1403						
10	ICGAM	25	0	1384	1391	1391						
10	ICGAM	25	0	1372	1379	1379						
10	ICGAM	25	0	1360	1367	1367						
10	ICGAM	25	0	1348	1355	1355						
10	ICGAM	25	0	1336	1343	1343						
10	ICGAM	25	0	1324	1331	1331						
10	ICGAM	25	0	1312	1319	1319						
10	ICGAM	25	0	1300	1307	1307						
10	ICGAM	25	0	1288	1295	1295						
10	ICGAM	25	0	1276	1283	1283						
10	ICGAM	25	0	1264	1271	1271						
10	ICGAM	25	0	1252	1259	1259						
10	ICGAM	25	0	1240	1247	1247						
10	ICGAM	25	0	1228	1235	1235						
10	ICGAM	25	0	1216	1223	1223						
10	ICGAM	25	0	1204	1211	1211						
10	ICGAM	25	0	1192	1199	1199						
10	ICGAM	25	0	1180	1187	1187						
10	ICGAM	25	0	1168	1175	1175						
10	ICGAM	25	0	1156	1163	1163						
10	ICGAM	25	0	1144	1151	1151						
10	ICGAM	25	0	1132	1139	1139						
10	ICGAM	25	0	1120	1127	1127						
10	ICGAM	25	0	1108	1115	1115						
10	ICGAM	25	0	1096	1103	1103						
10	ICGAM	25	0	1084	1091	1091						
10	ICGAM	25	0	1072	1079	1079						
10	ICGAM	25	0	1060	1067	1067						
10	ICGAM	25	0	1048	1055	1055						
10	ICGAM	25	0	1036	1043	1043						
10	ICGAM	25	0	1024	1031	1031						
10	ICGAM	25	0	1012	1019	1019						
10	ICGAM	25	0	1000	1007	1007						
10	ICGAM	25	0	988	995	995						
10	ICGAM	25	0	976	983	983						
10	ICGAM	25	0	964	971	971						
10	ICGAM	25	0	952	959	959						
10	ICGAM	25	0	940	947	947						
10	ICGAM	25	0	928	935	935						
10	ICGAM	25	0	916	923	923						
10	ICGAM	25	0	904	911	911						
10	ICGAM	25	0	892	899	899						
10	ICGAM	25	0	880	887	887						
10	ICGAM	25	0	868	875	875						
10	ICGAM	25	0	856	863	863						
10	ICGAM	25	0	844	851	851						
10	ICGAM	25	0	832	839	839						
10	ICGAM	25	0	820	827	827						
10	ICGAM	25	0	808	815	815						
10	ICGAM	25	0	796	803	803						
10	ICGAM	25	0	784	791	791						
10	ICGAM	25	0	772	779	779						
10	ICGAM	25	0	760	767	767						
10	ICGAM	25	0	748	755	755						
10	ICGAM	25	0	736	743	743						
10	ICGAM	25	0	724	731	731						
10	ICGAM	25	0	712	719	719						
10	ICGAM	25	0	700	707	707						
10	ICGAM	25	0	688	695	695						
10	ICGAM	25	0	676	683	683						
10	ICGAM	25	0	664	671	671						
10	ICGAM	25	0	652	659	659						
10	ICGAM	25	0	640	647	647						
10	ICGAM	25	0	628	635	635						
10	ICGAM	25	0	616	623	623						
10	ICGAM	25	0	604	611	611						
10	ICGAM	25	0	592	599	599						
10	ICGAM	25	0	580	587	587						
10	ICGAM	25	0	568	575	575						
10	ICGAM	25	0	556	563	563						
10	ICGAM	25	0	544	551	551						
10	ICGAM	25	0	532	539	539						
10	ICGAM	25	0	520	527	527						
10	ICGAM	25	0	508	515	515						
10	ICGAM	25	0	496	503	503						
10	ICGAM	25	0	484	491	491						
10	ICGAM	25	0	472	479	479						
10	ICGAM	25	0	460	467	467						



LTE Band 7 Ant1 Main_PA DSI6										
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Tune-up limit (dBm)	MPR (dB)		
				20850	21100	21350				
Channel				2510	2535	2560				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	20.16	20.25	19.89	21	0		
20	QPSK	1	49	20.13	20.20	19.89				
20	QPSK	1	99	20.14	20.23	19.89				
20	QPSK	50	0	20.15	20.24	19.90				
20	QPSK	50	24	20.16	20.23	19.91				
20	QPSK	50	50	20.12	20.18	19.91				
20	QPSK	100	0	20.19	20.21	19.89				
20	16QAM	1	0	20.16	20.19	19.88	21	0		
20	16QAM	1	49	20.14	20.24	19.90				
20	16QAM	1	99	20.14	20.20	19.91				
20	16QAM	50	0	20.14	20.21	19.94				
20	16QAM	50	24	20.17	20.24	19.92				
20	16QAM	50	50	20.13	20.20	19.89				
20	16QAM	100	0	20.18	20.21	19.92				
20	64QAM	1	0	20.16	20.20	19.93	21	0		
20	64QAM	1	49	20.14	20.18	19.92				
20	64QAM	1	99	20.17	20.21	19.91				
20	64QAM	50	0	20.15	20.20	19.92				
20	64QAM	50	24	20.17	20.22	19.89				
20	64QAM	50	50	20.13	20.21	19.92				
20	64QAM	100	0	20.15	20.22	19.90				
20	256QAM	1	0	18.14	18.19	17.93	19	2		
20	256QAM	1	49	18.17	18.21	17.91				
20	256QAM	1	99	18.14	18.20	17.93				
20	256QAM	50	0	18.16	18.18	17.90				
20	256QAM	50	24	18.15	18.19	17.93				
20	256QAM	50	50	18.13	18.23	17.90				
20	256QAM	100	0	18.17	18.22	17.93				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	20.06	20.13	19.80	21	0		
15	QPSK	1	37	20.01	20.11	19.81				
15	QPSK	1	74	20.04	20.11	19.76				
15	QPSK	36	0	20.03	20.08	19.81				
15	QPSK	36	20	20.06	20.13	19.80				
15	QPSK	36	39	20.02	20.05	19.80				
15	QPSK	75	0	20.02	20.10	19.77				
15	16QAM	1	0	20.03	20.10	19.75	21	0		
15	16QAM	1	37	20.04	20.14	19.81				
15	16QAM	1	74	20.05	20.13	19.83				
15	16QAM	36	0	20.04	20.09	19.85				
15	16QAM	36	20	20.06	20.12	19.85				
15	16QAM	36	39	20.03	20.09	19.76				
15	16QAM	75	0	20.08	20.09	19.84				
15	64QAM	1	0	20.09	20.10	19.80	21	0		
15	64QAM	1	37	20.07	20.09	19.85				
15	64QAM	1	74	20.09	20.13	19.80				
15	64QAM	36	0	20.07	20.09	19.82				
15	64QAM	36	20	20.04	20.11	19.80				
15	64QAM	36	39	20.02	20.10	19.83				
15	64QAM	75	0	20.04	20.13	19.80				
15	256QAM	1	0	18.05	18.07	17.83	19	2		
15	256QAM	1	37	18.07	18.14	17.79				
15	256QAM	1	74	18.04	18.13	17.85				
15	256QAM	36	0	18.08	18.10	17.81				
15	256QAM	36	20	18.03	18.10	17.86				
15	256QAM	36	39	18.02	18.15	17.83				
15	256QAM	75	0	18.05	18.11	17.81				
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	20.04	20.13	19.82	21	0		
10	QPSK	1	25	20.04	20.11	19.81				
10	QPSK	1	49	20.02	20.14	19.80				
10	QPSK	25	0	20.07	20.12	19.80				
10	QPSK	25	12	20.05	20.14	19.79				
10	QPSK	25	25	20.05	20.10	19.84				
10	QPSK	50	0	20.01	20.09	19.81				
10	16QAM	1	0	20.06	20.10	19.77	21	0		
10	16QAM	1	25	20.07	20.12	19.81				
10	16QAM	1	49	20.03	20.11	19.80				
10	16QAM	25	0	20.02	20.09	19.85				
10	16QAM	25	12	20.09	20.17	19.84				
10	16QAM	25	25	20.04	20.12	19.81				
10	16QAM	50	0	20.09	20.10	19.83				
10	64QAM	1	0	20.07	20.09	19.84	21	0		
10	64QAM	1	25	20.05	20.10	19.82				
10	64QAM	1	49	20.07	20.13	19.80				
10	64QAM	25	0	20.06	20.09	19.82				
10	64QAM	25	12	20.08	20.15	19.77				
10	64QAM	25	25	20.05	20.13	19.81				
10	64QAM	50	0	20.05	20.14	19.77				
10	256QAM	1	0	18.06	18.09	17.85	19	2		
10	256QAM	1	25	18.05	18.09	17.80				
10	256QAM	1	49	18.06	18.11	17.82				
10	256QAM	25	0	18.06	18.06	17.83				
10	256QAM	25	12	18.03	18.09	17.83				
10	256QAM	25	25	18.03	18.14	17.82				
10	256QAM	50	0	18.09	18.10	17.85				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	20.09	20.11	19.79	21	0		
5	QPSK	1	12	20.04	20.07	19.78				
5	QPSK	1	24	20.04	20.12	19.78				
5	QPSK	12	0	20.03	20.11	19.82				
5	QPSK	12	7	20.06	20.15	19.81				
5	QPSK	12	13	19.99	20.08	19.84				
5	QPSK	25	0	20.04	20.13	19.79				
5	16QAM	1	0	20.08	20.11	19.79	21	0		
5	16QAM	1	12	20.01	20.15	19.82				
5	16QAM	1	24	20.01	20.11	19.82				
5	16QAM	12	0	20.03	20.11	19.86				
5	16QAM	12	7	20.05	20.11	19.81				
5	16QAM	12	13	20.03	20.08	19.79				
5	16QAM	25	0	20.10	20.10	19.84				
5	64QAM	1	0	20.07	20.09	19.82	21	0		
5	64QAM	1	12	20.03	20.08	19.80				
5	64QAM	1	24	20.05	20.12	19.82				
5	64QAM	12	0	20.04	20.08	19.83				
5	64QAM	12	7	20.08	20.11	19.78				
5	64QAM	12	13	20.04	20.10	19.83				
5	64QAM	25	0	20.02	20.10	19.81				
5	256QAM	1	0	18.06	18.08	17.81	19	2		
5	256QAM	1	12	18.06	18.10	17.80				
5	256QAM	1	24	18.01	18.09	17.86				
5	256QAM	12	0	18.09	18.09	17.79				
5	256QAM	12	7	18.07	18.11	17.85				
5	256QAM	12	13	18.05	18.15	17.77				
5	256QAM	25	0	18.10	18.12	17.83				



LTE Band 2 Ant4 Main_PA DS16										
BW (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Frequency (MHz)	Turn-up time (min)	MPE (dB)	MPE (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.82	19.21	18.72	18.72	0	0	0
20	QPSK	1	48	18.75	19.07	18.78	18.78	20.5	0	0
20	QPSK	1	96	18.72	19.16	18.75	18.75	0	0	0
20	QPSK	1	144	18.82	19.16	18.88	18.88	0	0	0
20	QPSK	50	24	18.86	19.12	18.72	18.72	20.5	0	0
20	QPSK	50	72	18.77	19.14	18.78	18.78	0	0	0
20	QPSK	50	120	18.76	19.11	18.75	18.75	0	0	0
20	QPSK	1	0	18.75	19.02	18.77	18.77	0	0	0
20	16QAM	1	48	18.83	19.03	18.87	18.87	20.5	0	0
20	16QAM	1	96	18.86	19.04	18.78	18.78	0	0	0
20	16QAM	50	24	18.87	19.07	18.71	18.71	20.5	0	0
20	16QAM	50	72	18.86	19.06	18.75	18.75	0	0	0
20	16QAM	50	120	18.80	19.08	18.71	18.71	0	0	0
20	16QAM	1	0	18.75	18.97	18.78	18.78	0	0	0
20	16QAM	1	48	18.80	18.95	18.82	18.82	20	0	0
20	16QAM	1	96	18.86	18.91	18.80	18.80	0	0	0
20	16QAM	50	24	17.34	17.78	17.30	17.30	19	1.5	1.5
20	16QAM	50	72	17.20	17.52	17.28	17.28	0	0	0
20	16QAM	50	120	17.28	17.58	17.15	17.15	0	0	0
20	16QAM	1	0	18.28	18.59	18.20	18.20	17	3.5	3.5
20	16QAM	1	48	18.28	18.59	18.20	18.20	0	0	0
20	16QAM	50	24	18.28	18.59	18.20	18.20	0	0	0
20	16QAM	50	72	18.28	18.59	18.20	18.20	0	0	0
20	16QAM	50	120	18.28	18.59	18.20	18.20	0	0	0
20	16QAM	100	0	18.16	18.35	18.17	18.17	17	3.5	3.5
20	16QAM	100	0	18.16	18.35	18.17	18.17	0	0	0
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.79	19.10	18.69	18.69	20.5	0	0
15	QPSK	1	37	18.67	19.03	18.69	18.69	0	0	0
15	QPSK	1	74	18.66	19.06	18.71	18.71	0	0	0
15	QPSK	1	111	18.76	19.06	18.71	18.71	0	0	0
15	QPSK	36	20	18.73	19.10	18.73	18.73	20.5	0	0
15	QPSK	36	36	18.73	19.10	18.73	18.73	0	0	0
15	QPSK	36	72	18.67	19.12	18.71	18.71	0	0	0
15	QPSK	1	0	18.71	19.08	18.73	18.73	0	0	0
15	16QAM	1	37	18.79	19.09	18.60	18.60	20.5	0	0
15	16QAM	1	74	18.79	19.09	18.60	18.60	0	0	0
15	16QAM	36	0	18.23	18.92	18.16	18.16	20	0.5	0.5
15	16QAM	36	20	18.28	18.82	18.11	18.11	0	0	0
15	16QAM	36	37	18.28	18.82	18.11	18.11	0	0	0
15	16QAM	36	74	18.28	18.82	18.11	18.11	0	0	0
15	16QAM	36	111	18.28	18.82	18.11	18.11	0	0	0
15	16QAM	75	0	18.21	18.47	18.23	18.23	20	0.5	0.5
15	16QAM	75	0	18.21	18.47	18.23	18.23	0	0	0
15	16QAM	1	0	18.17	18.58	18.12	18.12	20	0.5	0.5
15	16QAM	1	37	18.14	18.62	18.12	18.12	0	0	0
15	16QAM	1	74	18.14	18.62	18.12	18.12	0	0	0
15	16QAM	36	0	17.36	17.63	17.27	17.27	19	1.5	1.5
15	16QAM	36	20	17.16	17.48	17.23	17.23	0	0	0
15	16QAM	36	37	17.16	17.48	17.23	17.23	0	0	0
15	16QAM	36	74	17.16	17.48	17.23	17.23	0	0	0
15	16QAM	75	0	17.23	17.50	17.20	17.20	19	1.5	1.5
15	16QAM	75	0	17.23	17.50	17.20	17.20	0	0	0
15	16QAM	1	0	18.24	18.35	18.22	18.22	17	3.5	3.5
15	16QAM	1	37	18.24	18.35	18.22	18.22	0	0	0
15	16QAM	1	74	18.24	18.35	18.22	18.22	0	0	0
15	16QAM	36	0	18.22	18.31	18.19	18.19	17	3.5	3.5
15	16QAM	36	20	18.12	18.31	18.27	18.27	0	0	0
15	16QAM	36	37	18.12	18.31	18.27	18.27	0	0	0
15	16QAM	36	74	18.12	18.31	18.27	18.27	0	0	0
15	16QAM	75	0	18.13	18.32	18.13	18.13	17	3.5	3.5
15	16QAM	75	0	18.13	18.32	18.13	18.13	0	0	0
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.78	19.10	18.69	18.69	20.5	0	0
10	QPSK	1	28	18.72	19.02	18.73	18.73	0	0	0
10	QPSK	1	49	18.80	19.07	18.72	18.72	0	0	0
10	QPSK	25	28	18.80	19.07	18.72	18.72	20.5	0	0
10	QPSK	25	12	18.75	19.06	18.78	18.78	0	0	0
10	QPSK	25	25	18.88	19.07	18.73	18.73	0	0	0
10	QPSK	50	12	18.85	19.12	18.72	18.72	20.5	0	0
10	QPSK	1	0	18.76	18.95	18.71	18.71	0	0	0
10	16QAM	1	25	18.80	19.00	18.64	18.64	20.5	0	0
10	16QAM	1	49	18.79	19.06	18.60	18.60	0	0	0
10	16QAM	25	0	18.24	18.33	18.17	18.17	20	0.5	0.5
10	16QAM	25	12	18.26	18.63	18.17	18.17	0	0	0
10	16QAM	25	25	18.22	18.58	18.20	18.20	0	0	0
10	16QAM	25	49	18.22	18.58	18.20	18.20	0	0	0
10	16QAM	50	12	18.13	18.50	18.14	18.14	20	0.5	0.5
10	16QAM	50	25	18.13	18.58	18.21	18.21	0	0	0
10	16QAM	50	49	18.13	18.58	18.21	18.21	0	0	0
10	16QAM	1	0	17.31	17.62	17.27	17.27	19	1.5	1.5
10	16QAM	1	25	17.16	17.47	17.28	17.28	0	0	0
10	16QAM	1	49	17.16	17.47	17.28	17.28	0	0	0
10	16QAM	25	0	17.23	17.52	17.28	17.28	19	1.5	1.5
10	16QAM	25	12	17.23	17.52	17.28	17.28	0	0	0
10	16QAM	25	25	17.23	17.52	17.28	17.28	0	0	0
10	16QAM	25	49	17.23	17.52	17.28	17.28	0	0	0
10	16QAM	50	12	18.26	18.57	18.17	18.17	17	3.5	3.5
10	16QAM	50	25	18.26	18.57	18.17	18.17	0	0	0
10	16QAM	50	49	18.26	18.57	18.17	18.17	0	0	0
10	16QAM	100	0	18.14	18.48	18.21	18.21	17	3.5	3.5
10	16QAM	100	0	18.14	18.48	18.21	18.21	0	0	0
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.78	19.10	18.69	18.69	20.5	0	0
5	QPSK	1	12	18.67	19.00	18.69	18.69	0	0	0
5	QPSK	1	24	18.86	19.03	18.69	18.69	0	0	0
5	QPSK	12	8	18.74	19.08	18.73	18.73	20.5	0	0
5	QPSK	12	13	18.74	19.12	18.73	18.73	0	0	0
5	QPSK	12	25	18.82	19.12	18.73	18.73	0	0	0
5	QPSK	1	0	18.68	18.99	18.69	18.69	20.5	0	0
5	16QAM	1	12	18.78	19.00	18.60	18.60	20.5	0	0
5	16QAM	1	24	18.78	19.00	18.60	18.60	0	0	0
5	16QAM	12	0	18.21	18.92	18.18	18.18	20	0.5	0.5
5	16QAM	12	7	18.25	18.89	18.11	18.11	0	0	0
5	16QAM	12	13	18.16	18.99	18.18	18.18	0	0	0
5	16QAM	25	0	18.19	18.48	18.20	18.20	20	0.5	0.5
5	16QAM	25	7	18.16	18.48	18.11	18.11	0	0	0
5	16QAM	1	0	18.16	18.51	18.11	18.11	20	0.5	0.5
5	16QAM	1	12	18.16	18.51	18.11	18.11	0	0	0
5	16QAM	1	24	18.17	18.48	18.20	18.20	0	0	0
5	16QAM	12	0	17.31	17.63	17.28	17.28	19	1.5	1.5
5	16QAM	12	7	17.15	17.46	17.28	17.28	0	0	0
5	16QAM	12	13	17.16	17.48	17.28	17.28	0	0	0
5	16QAM	25	0	17.21	17.50	17.28	17.28	19	1.5	1.5
5	16QAM	25	7	17.16	17.48	17.28	17.28	0	0	0
5	16QAM	25	13	17.16	17.48	17.28	17.28	0	0	0
5	16QAM	50	12	18.26	18.53	18.17	18.17	17	3.5	3.5
5	16QAM	50	25	18.26	18.53	18.17	18.17	0	0	0
5	16QAM	50	49	18.26	18.53	18.17	18.17	0	0	0
5	16QAM	100	0	18.14	18.48	18.21	18.21	17	3.5	3.5
5	16QAM	100	0	18.14	18.48	18.21	18.21	0	0	0
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.76	19.10	18.67	18.67	20.5	0	0
3	QPSK	1	8	18.68	19.01	18.73	18.73	0	0	0
3	QPSK	1	16	18.88	19.07	18.69	18.69	0	0	0
3	QPSK	8	0	18.74	19.04	18.78	18.78	20.5	0	0
3	QPSK	8	4	18.73	19.07	18.73	18.73	0	0	0
3	QPSK	8	7	18.82	19.07	18.73	18.73	0	0	0
3	QPSK	15	0	18.64	19.11	18.73	18.73	20.5	0	0
3	16QAM	1	0	18.73	18.97	18.69	18.69	20.5	0	0
3	16QAM	1	8	18.78	19.00	18.60	18.60	0	0	0
3	16QAM	1	16	18.79	19.00	18.60	18.60	0	0	0
3	16QAM	8	0	18.21	18.92	18.18	18.18	20	0.5	



LTE Band 25 Ant4 Main_PA DS16										
RF MW	Modulation	RB Size	RB Offset	Power Level	Power Mask	Power Mask	Time-up level (dBm)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.80	19.32	18.79		20.5	0	
20	QPSK	1	48	18.80	19.32	18.87				
20	QPSK	1	96	18.80	19.32	18.83				
20	QPSK	1	144	18.80	19.32	18.80				
20	QPSK	50	24	18.80	19.34	18.88		20.5	0	
20	QPSK	50	72	18.87	19.27	18.88				
20	QPSK	100	0	18.82	19.30	18.88				
20	SCDMA	1	0	18.80	19.32	18.79		20.5	0	
20	SCDMA	1	48	18.84	19.34	18.75				
20	SCDMA	1	96	18.88	19.38	18.81				
20	SCDMA	1	144	18.76	19.34	18.76				
20	SCDMA	50	24	18.41	18.75	18.25		20	0.5	
20	SCDMA	50	72	18.70	18.70	18.20				
20	SCDMA	100	0	18.20	18.69	18.20				
20	SCDMA	1	0	18.20	18.78	18.25				
20	SCDMA	1	48	18.20	18.77	18.42		20	0.5	
20	SCDMA	1	96	18.20	18.83	18.20				
20	SCDMA	50	0	17.42	17.78	17.42				
20	SCDMA	50	24	17.20	17.83	17.36		19	1.5	
20	SCDMA	50	72	17.20	17.81	17.42				
20	SCDMA	100	0	17.20	17.85	17.25				
20	SCDMA	1	0	15.20	15.68	15.20		17	3.0	
20	SCDMA	1	48	15.20	15.78	15.20				
20	SCDMA	1	96	15.20	15.82	15.24				
20	SCDMA	50	0	15.41	15.88	15.20		17	3.0	
20	SCDMA	50	24	15.20	15.74	15.42				
20	SCDMA	50	72	15.20	15.73	15.20				
20	SCDMA	100	0	15.20	15.84	15.20				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.80	19.31	18.74		20.5	0	
15	QPSK	1	27	18.81	19.32	18.81				
15	QPSK	1	74	18.81	19.32	18.78				
15	QPSK	1	121	18.81	19.32	18.82		20.5	0	
15	QPSK	36	20	18.80	19.17	18.83				
15	QPSK	36	36	18.82	19.22	18.84				
15	QPSK	36	54	18.77	19.22	18.83				
15	SCDMA	1	0	18.80	19.29	18.83		20.5	0	
15	SCDMA	1	27	18.80	19.31	18.79				
15	SCDMA	1	74	18.80	19.31	18.74				
15	SCDMA	36	0	18.24	18.58	18.21		20	0.5	
15	SCDMA	36	20	18.20	18.70	18.21				
15	SCDMA	36	36	18.20	18.72	18.22				
15	SCDMA	36	54	18.20	18.72	18.20				
15	SCDMA	100	0	18.20	18.82	18.20		20	0.5	
15	SCDMA	1	0	18.20	18.78	18.20		20	0.5	
15	SCDMA	1	27	18.20	18.75	18.20				
15	SCDMA	1	74	18.20	18.82	18.20				
15	SCDMA	36	0	17.20	17.75	17.20		19	1.5	
15	SCDMA	36	20	17.20	17.59	17.20				
15	SCDMA	36	36	17.20	17.68	17.20				
15	SCDMA	36	54	17.20	17.68	17.20				
15	SCDMA	100	0	17.20	17.68	17.20		19	1.5	
15	SCDMA	1	0	15.21	15.83	15.20		17	3.0	
15	SCDMA	1	27	15.20	15.81	15.20				
15	SCDMA	1	74	15.20	15.85	15.20				
15	SCDMA	36	0	15.24	15.84	15.24		17	3.0	
15	SCDMA	36	20	15.20	15.82	15.20				
15	SCDMA	36	36	15.20	15.78	15.20				
15	SCDMA	36	54	15.20	15.87	15.21				
15	SCDMA	100	0	15.20	15.87	15.21				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.80	19.24	18.76		20.5	0	
10	QPSK	1	25	18.80	19.18	18.82				
10	QPSK	1	48	18.80	19.10	18.76				
10	QPSK	25	8	18.80	19.24	18.83		20.5	0	
10	QPSK	25	12	18.80	19.21	18.85				
10	QPSK	25	25	18.84	19.20	18.85				
10	QPSK	25	4	18.80	19.24	18.81		20.5	0	
10	SCDMA	1	0	18.81	19.27	18.83		20.5	0	
10	SCDMA	1	25	18.81	19.11	18.87				
10	SCDMA	1	48	18.80	19.11	18.77				
10	SCDMA	25	0	18.24	18.81	18.20		20	0.5	
10	SCDMA	25	12	18.24	18.72	18.19				
10	SCDMA	25	25	18.20	18.80	18.22				
10	SCDMA	25	4	18.20	18.87	18.21				
10	SCDMA	1	0	18.20	18.75	18.19		20	0.5	
10	SCDMA	1	25	18.20	18.80	18.20				
10	SCDMA	1	48	18.20	18.80	18.20				
10	SCDMA	25	0	17.41	17.71	17.20		19	1.5	
10	SCDMA	25	12	17.27	17.67	17.28				
10	SCDMA	25	25	17.20	17.65	17.20				
10	SCDMA	100	0	17.20	17.80	17.20		19	1.5	
10	SCDMA	1	0	15.20	15.82	15.20		17	3.0	
10	SCDMA	1	25	15.20	15.81	15.20				
10	SCDMA	1	48	15.20	15.81	15.20				
10	SCDMA	25	0	15.20	15.81	15.20		17	3.0	
10	SCDMA	25	12	15.20	15.81	15.24				
10	SCDMA	100	0	15.20	15.86	15.22				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.80	19.21	18.76		20.5	0	
5	QPSK	1	12	18.80	19.13	18.83				
5	QPSK	1	24	18.80	19.07	18.76				
5	QPSK	12	0	18.80	19.29	18.87		20.5	0	
5	QPSK	12	7	18.87	19.21	18.83				
5	QPSK	12	15	18.72	19.21	18.80				
5	QPSK	25	0	18.80	19.23	18.80		20.5	0	
5	SCDMA	1	0	18.80	19.29	18.84		20.5	0	
5	SCDMA	1	12	18.87	19.11	18.88				
5	SCDMA	1	24	18.80	19.12	18.77				
5	SCDMA	12	0	18.20	18.59	18.21		20	0.5	
5	SCDMA	12	7	18.24	18.73	18.20				
5	SCDMA	12	15	18.20	18.84	18.20				
5	SCDMA	25	0	18.24	18.81	18.20		20	0.5	
5	SCDMA	1	0	18.20	18.75	18.22		20	0.5	
5	SCDMA	1	12	18.20	18.73	18.42				
5	SCDMA	1	24	18.20	18.82	18.19				
5	SCDMA	12	0	17.40	17.73	17.20		19	1.5	
5	SCDMA	12	7	17.20	17.57	17.20				
5	SCDMA	12	15	17.20	17.63	17.20				
5	SCDMA	25	0	17.20	17.82	17.21		19	1.5	
5	SCDMA	1	0	15.20	15.81	15.21		17	3.0	
5	SCDMA	1	12	15.20	15.81	15.20				
5	SCDMA	1	24	15.24	15.82	15.20				
5	SCDMA	12	0	15.24	15.83	15.22		17	3.0	
5	SCDMA	12	7	15.24	15.83	15.20				
5	SCDMA	12	15	15.20	15.73	15.20				
5	SCDMA	25	0	15.20	15.87	15.19		17	3.0	
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.80	19.24	18.72		20.5	0	
3	QPSK	1	3	18.78	19.14	18.81				
3	QPSK	1	14	18.80	19.17	18.78				
3	QPSK	8	0	18.80	19.27	18.88		20.5	0	
3	QPSK	8	4	18.84	19.20	18.84				
3	QPSK	8	7	18.80	19.20	18.88		20.5	0	
3	QPSK	16	0	18.74	19.26	18.80				
3	SCDMA	1	0	18.84	19.09	18.82		20.5	0	
3	SCDMA	1	8	18.82	18.82	18.70				
3	SCDMA	1	14	18.80	19.11	18.77				
3	SCDMA	8	0	18.24	18.68	18.25		20	0.5	
3	SCDMA	8	4	18.20	18.76	18.19				
3	SCDMA	8	7	18.20	18.83	18.24				
3	SCDMA	16	0	18.20	18.76	18.20				
3	SCDMA	1	0	18.20	18.71	18.19		20	0.5	
3	SCDMA	1	8	18.20	18.84	18.20				
3	SCDMA	1	14	18.20	18.87	18.21		20	0.5	
3	SCDMA	8	0	17.20	17.62	17.20		19	1.5	
3	SCDMA	8	4	17.20	17.80	17.24				
3	SCDMA	8	7	17.20	17.87	17.20				
3	SCDMA	16	0	17.20	17.83	17.21		19	1.5	
3	SCDMA	1	0	15.21	15.83	15.20		17	3.0	
3	SCDMA	1	8	15.20	15.73	15.20				
3	SCDMA	1	14	15.20	15.74	15.17				
3	SCDMA	8	0	15.20	15.80	15.24		17	3.0	
3	SCDMA	8	4	15.20	15.80	15.24				
3	SCDMA	8	7	15.20	15.85	15.24				
3	SCDMA	16	0	17.20	17.77	17.20		19	1.5	
3	SCDMA	1	0	15.20	15.75	15.20		17	3.0	
3	SCDMA	1	8	15.20	15.80	15.20				
3	SCDMA	1	14	15.20	15.82	15.20				
3	SCDMA	8	0	17.20	17.77	17.20		19	1.5	
3	SCDMA	8	4	15.20	15.75	15.20		17	3.0	
3	SCDMA	8	7	15.20	15.80	15.24				
3	SCDMA	16	0	15.20	15.82	15.20		19	1.5	
3	SCDMA	1	0</							



LTE Band 38 Ant4 Main_PA DSI6										
BW (MHz)	Modulation	RB Size	RB Offset	Channel			Tune-up limit (dBm)	MPR (dB)		
				Low	Middle	High				
				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
20	QPSK	1	0	20.45	20.55	20.14	21	0		
20	QPSK	1	49	20.45	20.44	20.20				
20	QPSK	1	99	20.42	20.45	20.19				
20	QPSK	50	0	20.43	20.46	20.18				
20	QPSK	50	24	20.45	20.43	20.17	21	0		
20	QPSK	50	50	20.40	20.45	20.19				
20	QPSK	100	0	20.43	20.46	20.14				
20	16QAM	1	0	20.42	20.44	20.15				
20	16QAM	1	49	20.41	20.47	20.19	21	0		
20	16QAM	1	99	20.42	20.45	20.18				
20	16QAM	50	0	20.45	20.42	20.18				
20	16QAM	50	24	20.44	20.45	20.16				
20	16QAM	50	50	20.43	20.47	20.15	21	0		
20	16QAM	100	0	20.41	20.47	20.16				
20	64QAM	1	0	20.40	20.46	20.15				
20	64QAM	1	49	20.43	20.45	20.19				
20	64QAM	1	99	20.46	20.45	20.20	21	0		
20	64QAM	50	0	20.43	20.44	20.14				
20	64QAM	50	24	20.41	20.43	20.17				
20	64QAM	50	50	20.40	20.44	20.18				
20	64QAM	100	0	20.43	20.47	20.17	19	2		
20	256QAM	1	0	18.44	18.48	18.15				
20	256QAM	1	49	18.44	18.47	18.14				
20	256QAM	1	99	18.43	18.43	18.19				
20	256QAM	50	0	18.45	18.47	18.18	19	2		
20	256QAM	50	24	18.42	18.45	18.20				
20	256QAM	50	50	18.41	18.45	18.20				
20	256QAM	100	0	18.44	18.42	18.16				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.31	20.44	20.03	21	0		
15	QPSK	1	37	20.39	20.33	20.18				
15	QPSK	1	74	20.24	20.33	20.12				
15	QPSK	36	0	20.28	20.41	20.15				
15	QPSK	36	20	20.35	20.29	20.03	21	0		
15	QPSK	36	39	20.23	20.34	20.12				
15	QPSK	75	0	20.26	20.34	20.09				
15	16QAM	1	0	20.32	20.42	19.96				
15	16QAM	1	37	20.28	20.37	20.13	21	0		
15	16QAM	1	74	20.30	20.32	20.11				
15	16QAM	36	0	20.32	20.36	20.10				
15	16QAM	36	20	20.30	20.41	20.11				
15	16QAM	36	39	20.32	20.43	19.99	21	0		
15	16QAM	75	0	20.27	20.34	20.04				
15	64QAM	1	0	20.37	20.38	20.07				
15	64QAM	1	37	20.35	20.32	20.08				
15	64QAM	1	74	20.33	20.33	20.07	21	0		
15	64QAM	36	0	20.34	20.41	20.12				
15	64QAM	36	20	20.30	20.26	20.02				
15	64QAM	36	39	20.29	20.27	20.07				
15	64QAM	75	0	20.40	20.45	20.06	19	2		
15	256QAM	1	0	18.35	18.42	18.03				
15	256QAM	1	37	18.31	18.41	18.00				
15	256QAM	1	74	18.39	18.30	18.03				
15	256QAM	36	0	18.34	18.38	18.09	19	2		
15	256QAM	36	20	18.33	18.42	18.11				
15	256QAM	36	39	18.29	18.37	18.03				
15	256QAM	75	0	18.33	18.34	18.04				
Channel				37825	38000	38000				
Frequency (MHz)				2577.5	2595	2615				
10	QPSK	1	0	20.34	20.39	20.10	21	0		
10	QPSK	1	25	20.43	20.34	20.15				
10	QPSK	1	49	20.26	20.34	20.08				
10	QPSK	25	0	20.38	20.34	20.07				
10	QPSK	25	12	20.30	20.25	19.99	21	0		
10	QPSK	25	25	20.27	20.43	20.13				
10	QPSK	50	0	20.38	20.39	20.12				
10	16QAM	1	0	20.25	20.27	20.12				
10	16QAM	1	25	20.31	20.32	20.05	21	0		
10	16QAM	1	49	20.34	20.32	20.11				
10	16QAM	25	0	20.31	20.33	20.14				
10	16QAM	25	12	20.33	20.29	19.96				
10	16QAM	25	25	20.33	20.30	20.09	21	0		
10	16QAM	50	0	20.31	20.32	20.08				
10	64QAM	1	0	20.31	20.41	19.99				
10	64QAM	1	25	20.38	20.30	20.16				
10	64QAM	1	49	20.38	20.42	20.08	21	0		
10	64QAM	25	0	20.33	20.30	19.96				
10	64QAM	25	12	20.29	20.31	20.05				
10	64QAM	25	25	20.36	20.30	20.02				
10	64QAM	50	0	20.31	20.42	20.02	19	2		
10	256QAM	1	0	18.32	18.44	18.10				
10	256QAM	1	25	18.29	18.34	18.05				
10	256QAM	1	49	18.28	18.27	18.05				
10	256QAM	25	0	18.34	18.42	18.11	19	2		
10	256QAM	25	12	18.38	18.37	18.15				
10	256QAM	25	25	18.30	18.43	18.13				
10	256QAM	50	0	18.30	18.28	18.03				
Channel				37775	38000	38225				
Frequency (MHz)				2672.5	2595	2617.5				
5	QPSK	1	0	20.28	20.44	20.00	21	0		
5	QPSK	1	12	20.31	20.37	20.09				
5	QPSK	1	24	20.33	20.36	20.14				
5	QPSK	12	0	20.37	20.28	20.16				
5	QPSK	12	7	20.40	20.35	20.12	21	0		
5	QPSK	12	13	20.30	20.34	20.09				
5	QPSK	25	0	20.39	20.30	20.00				
5	16QAM	1	0	20.33	20.42	20.10				
5	16QAM	1	12	20.34	20.37	20.16	21	0		
5	16QAM	1	24	20.25	20.31	19.99				
5	16QAM	12	0	20.32	20.26	20.06				
5	16QAM	12	7	20.36	20.28	20.06				
5	16QAM	12	13	20.31	20.42	20.01	21	0		
5	16QAM	25	0	20.25	20.33	20.14				
5	64QAM	1	0	20.30	20.29	20.06				
5	64QAM	1	12	20.29	20.37	20.09				
5	64QAM	1	24	20.34	20.38	20.17	21	0		
5	64QAM	12	0	20.41	20.31	20.07				
5	64QAM	12	7	20.36	20.28	20.10				
5	64QAM	12	13	20.24	20.29	20.11				
5	64QAM	25	0	20.28	20.32	20.06	21	0		
5	256QAM	1	0	18.27	18.46	17.97				
5	256QAM	1	12	18.40	18.40	18.07				
5	256QAM	1	24	18.31	18.34	18.04				
5	256QAM	12	0	18.33	18.39	18.16	19	2		
5	256QAM	12	7	18.30	18.37	18.12				
5	256QAM	12	13	18.24	18.38	18.05				
5	256QAM	25	0	18.35	18.24	18.01				

LTE Band 41 Ant4 Main_PA DSI6												
BW (MHz)	Modulation	RB Size	RB Offset	Channel					Tune-up limit (dBm)	MPR (dB)		
				Low	Low Middle	Middle	High Middle	High				
				39725	40173	40620	41088	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
20	QPSK	1	0	20.24	20.15	20.58	20.13	20.21	21	0		
20	QPSK	1	49	20.23	20.20	20.53	20.16	20.16				
20	QPSK	1	99	20.31	20.14	20.57	20.11	20.19				
20	QPSK	50	0	20.24	20.12	20.53	20.15	20.14				
20	QPSK	50	24	20.33	20.13	20.51	20.11	20.13	21	0		
20	QPSK	50	50	20.31	20.06	20.48	20.10	20.12				
20	QPSK	100	0	20.37	20.23	20.45	20.15	20.15				
20	16QAM	1	0	20.29	20.17	20.45	20.21	20.20				
20	16QAM	1	49	20.34	20.16	20.48	20.10	20.17	21	0		
20	16QAM	1	99	20.35	20.18	20.55	20.19	20.24				
20	16QAM	50	0	20.28	20.09	20.52	20.20	20.18				
20	16QAM	50	24	20.35	20.08	20.56	20.11	20.15				
20	16QAM	50	50	20.26	20.19	20.54	20.14	20.18	21	0		
20	16QAM	100	0	20.26	20.09	20.53	20.10	20.14				
20	64QAM	1	0	20.33	20.23	20.55	20.21	20.11				
20	64QAM	1	49	20.31	20.07	20.43	20.18	20.24				
20	64QAM	1	99	20.38	20.09	20.55	20.12	20.23	21	0		
20	64QAM	50	0	20.37	20.09	20.54	20.14	20.23				
20	64QAM	50	24	20.32	20.18	20.51	20.13	20.13				
20	64QAM	50	50	20.25	20.16	20.42	20.05	20.14				
20	64QAM	100	0	20.32	20.16	20.56	20.12	20.21	19	2		
20	256QAM	1	0	18.29	18.14	18.55	18.15	18.09				
20	256QAM	1	49	18.34	18.14	18.48	18.14	18.17				
20	256QAM	1	99	18.31	18.23	18.52	18.08	18.24				
20	256QAM	50	0	18.37	18.13	18.49	18.16	18.21	19	2		
20	256QAM	50	24	18.33	18.17	18.45	18.05	18.23				
20	256QAM	50	50	18.30	18.18	18.46	18.12	18.11				
20	256QAM	100	0	18.30	18.20	18.43	18.10	18.14				
Channel				39725	40173	40620	41088	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	20.13	20.00	20.52	20.07	20.05	21.00	0		
15	QPSK	1	37	20.16	20.06	20.41	20.03	20.04				
15	QPSK	1	74	20.19	20.00	20.52	20.03	20.05				
15	QPSK	36	0	20.19	20.09	20.34	20.06	19.98				
15	QPSK	36	20	20.28	20.04	20.45	19.93					



LTE Band 42 Ant5 Main_PA DS16													
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High	Tune-up limit (dBm)	MPR (dB)					
				42150	42590	42990							
Channel				3480	3500	3540							
Frequency (MHz)				3480	3500	3540							
20	QPSK	1	0	22.31	22.81	22.59	23	0					
20	QPSK	1	49	22.31	22.78	22.60							
20	QPSK	1	99	22.20	22.73	22.53							
20	QPSK	50	0	22.33	22.78	22.54							
20	QPSK	50	24	22.30	22.68	22.64							
20	QPSK	50	50	22.23	22.74	22.62							
20	QPSK	100	0	22.21	22.65	22.60							
20	16QAM	1	0	22.33	22.70	22.59	23	0					
20	16QAM	1	49	22.28	22.71	22.61							
20	16QAM	1	99	22.31	22.63	22.62							
20	16QAM	50	0	21.19	21.67	21.62							
20	16QAM	50	24	21.23	21.74	21.54							
20	16QAM	50	50	21.31	21.77	21.63							
20	16QAM	100	0	21.32	21.66	21.64	22	1					
20	64QAM	1	0	21.34	21.79	21.65							
20	64QAM	1	49	21.27	21.71	21.63							
20	64QAM	1	99	21.22	21.74	21.65							
20	64QAM	50	0	19.30	19.73	19.60							
20	64QAM	50	24	19.33	19.67	19.55							
20	64QAM	50	50	19.25	19.64	19.58	21	2					
20	64QAM	100	0	19.30	19.67	19.56							
20	256QAM	1	0	18.32	18.77	18.57							
20	256QAM	1	49	18.32	18.69	18.52							
20	256QAM	1	99	18.30	18.64	18.64							
20	256QAM	50	0	18.31	18.70	18.66							
20	256QAM	50	24	18.23	18.65	18.54	19	4					
20	256QAM	50	50	18.29	18.65	18.59							
20	256QAM	100	0	18.24	18.75	18.68							
Channel				42165	42590	43015							
Frequency (MHz)				3457.5	3500	3542.5							
15	QPSK	1	0	22.16	22.66	22.51				23	0		
15	QPSK	1	37	22.17	22.70	22.56							
15	QPSK	1	74	22.17	22.70	22.37							
15	QPSK	36	0	22.27	22.69	22.41							
15	QPSK	36	20	22.03	22.66	22.54							
15	QPSK	36	39	22.06	22.63	22.47							
15	QPSK	75	0	22.05	22.51	22.52	23	0					
15	16QAM	1	0	22.15	22.52	22.53							
15	16QAM	1	37	22.24	22.62	22.57							
15	16QAM	1	74	22.27	22.58	22.49							
15	16QAM	36	0	21.15	21.62	21.55							
15	16QAM	36	20	21.08	21.61	21.36							
15	16QAM	36	39	21.19	21.64	21.57	22	1					
15	16QAM	75	0	21.22	21.60	21.48							
15	64QAM	1	0	21.24	21.67	21.57							
15	64QAM	1	37	21.16	21.65	21.60							
15	64QAM	1	74	21.12	21.66	21.55							
15	64QAM	36	0	19.20	19.58	19.45							
15	64QAM	36	20	19.28	19.58	19.51	21	2					
15	64QAM	36	39	19.21	19.52	19.40							
15	64QAM	75	0	19.17	19.60	19.38							
15	256QAM	1	0	18.28	18.68	18.52							
15	256QAM	1	37	18.18	18.66	18.48							
15	256QAM	1	74	18.24	18.59	18.47							
15	256QAM	36	0	18.26	18.66	18.52	19	4					
15	256QAM	36	20	18.17	18.48	18.42							
15	256QAM	36	39	18.17	18.52	18.44							
15	256QAM	75	0	18.10	18.69	18.50							
Channel				42140	42590	43040							
Frequency (MHz)				3455	3500	3545							
10	QPSK	1	0	22.28	22.65	22.49	23	0					
10	QPSK	1	25	22.24	22.61	22.53							
10	QPSK	1	49	22.06	22.59	22.37							
10	QPSK	25	0	22.20	22.65	22.49							
10	QPSK	25	12	22.17	22.52	22.56							
10	QPSK	25	25	22.09	22.69	22.45							
10	QPSK	50	0	22.04	22.51	22.47	23	0					
10	16QAM	1	0	22.24	22.54	22.48							
10	16QAM	1	25	22.22	22.65	22.43							
10	16QAM	1	49	22.17	22.49	22.60							
10	16QAM	25	0	21.14	21.62	21.56							
10	16QAM	25	12	21.12	21.56	21.44							
10	16QAM	25	25	21.20	21.73	21.47	22	1					
10	16QAM	50	0	21.17	21.51	21.47							
10	64QAM	1	0	21.24	21.69	21.53							
10	64QAM	1	25	21.18	21.65	21.54							
10	64QAM	1	49	21.12	21.58	21.51							
10	64QAM	25	0	19.24	19.63	19.58							
10	64QAM	25	12	19.26	19.65	19.46	21	2					
10	64QAM	25	25	19.07	19.49	19.55							
10	64QAM	50	0	19.24	19.55	19.50							
10	256QAM	1	0	18.27	18.71	18.53							
10	256QAM	1	25	18.16	18.66	18.44							
10	256QAM	1	49	18.20	18.49	18.57							
10	256QAM	25	0	18.22	18.64	18.58	19	4					
10	256QAM	25	12	18.17	18.53	18.52							
10	256QAM	25	25	18.22	18.49	18.41							
10	256QAM	50	0	18.18	18.67	18.58							
Channel				42115	42590	43065							
Frequency (MHz)				3452.5	3500	3547.5							
5	QPSK	1	0	22.26	22.70	22.53	23	0					
5	QPSK	1	12	22.15	22.65	22.53							
5	QPSK	1	24	22.13	22.62	22.48							
5	QPSK	12	0	22.26	22.71	22.52							
5	QPSK	12	7	22.04	22.50	22.47							
5	QPSK	12	13	22.07	22.58	22.45							
5	QPSK	25	0	22.14	22.56	22.49	23	0					
5	16QAM	1	0	22.30	22.65	22.50							
5	16QAM	1	12	22.22	22.65	22.53							
5	16QAM	1	24	22.16	22.60	22.52							
5	16QAM	12	0	21.03	21.59	21.46							
5	16QAM	12	7	21.13	21.63	21.42							
5	16QAM	12	13	21.15	21.69	21.49	22	1					
5	16QAM	25	0	21.30	21.49	21.53							
5	64QAM	1	0	21.19	21.62	21.52							
5	64QAM	1	12	21.17	21.56	21.54							
5	64QAM	1	24	21.19	21.65	21.54							
5	64QAM	12	0	19.18	19.66	19.58							
5	64QAM	12	7	19.21	19.60	19.46	21	2					
5	64QAM	12	13	19.13	19.51	19.44							
5	64QAM	25	0	19.19	19.60	19.51							
5	256QAM	1	0	18.19	18.69	18.47							
5	256QAM	1	12	18.21	18.60	18.49							
5	256QAM	1	24	18.16	18.57	18.46							
5	256QAM	12	0	18.25	18.55	18.53	19	4					
5	256QAM	12	7	18.12	18.55	18.51							
5	256QAM	12	13	18.22	18.51	18.56							
5	256QAM	25	0	18.18	18.67	18.64							



Reduced Power Mode for Other PA DSI6

LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)	Channel	
			Frequency (MHz)	3780	3800	3815				
20	QPSK	1	0	21.32	21.45	21.25	23	0	2590	
20	QPSK	1	49	21.20	21.29	21.36			2595	
20	QPSK	1	99	21.28	21.34	21.38			2610	
20	QPSK	50	0	21.23	21.43	21.37	23	0	2590	
20	QPSK	50	24	21.25	21.40	21.29			2595	
20	QPSK	50	50	21.30	21.41	21.38			2610	
20	QPSK	100	0	21.22	21.42	21.36	23	0	2590	
20	16QAM	1	0	21.21	21.30	21.38			2595	
20	16QAM	1	49	21.32	21.40	21.27			2610	
20	16QAM	1	99	21.29	21.43	21.38	22	1	2590	
20	16QAM	50	0	20.23	20.40	20.25			2595	
20	16QAM	50	24	20.20	20.37	20.25			2610	
20	16QAM	50	50	20.20	20.40	20.25	22	1	2590	
20	16QAM	100	0	20.18	20.40	20.34			2595	
20	64QAM	1	0	20.31	20.32	20.30			2610	
20	64QAM	1	49	20.20	20.43	20.37	22	1	2590	
20	64QAM	1	99	20.21	20.43	20.37			2595	
20	64QAM	50	0	19.26	19.41	19.28			2610	
20	64QAM	50	24	19.36	19.40	19.25	21	2	2590	
20	64QAM	50	50	19.26	19.28	19.22			2595	
20	64QAM	100	0	19.31	19.28	19.18			2610	
20	256QAM	1	0	17.35	17.41	17.21	19	4	2590	
20	256QAM	1	49	17.38	17.43	17.32			2595	
20	256QAM	1	99	17.36	17.31	17.21			2610	
20	256QAM	50	0	17.37	17.32	17.18	19	4	2590	
20	256QAM	50	24	17.30	17.38	17.27			2595	
20	256QAM	50	50	17.34	17.32	17.28			2610	
20	256QAM	100	0	17.28	17.32	17.23				
Channel										
			Frequency (MHz)	37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	21.16	21.31	21.21	23	0	2575	
15	QPSK	1	37	21.17	21.12	21.19			2595	
15	QPSK	1	74	21.13	21.22	21.24			2612.5	
15	QPSK	36	0	21.10	21.26	21.27	23	0	2575	
15	QPSK	36	20	21.20	21.27	21.25			2595	
15	QPSK	36	39	21.15	21.31	21.35			2612.5	
15	QPSK	75	0	21.15	21.36	21.24	23	0	2575	
15	16QAM	1	0	21.18	21.25	21.24			2595	
15	16QAM	1	37	21.22	21.24	21.24			2612.5	
15	16QAM	1	74	21.12	21.33	21.21	22	1	2575	
15	16QAM	36	0	20.14	20.23	20.08			2595	
15	16QAM	36	20	20.03	20.26	20.11			2612.5	
15	16QAM	36	39	20.05	20.31	20.14	22	1	2575	
15	16QAM	75	0	20.04	20.26	20.20			2595	
15	64QAM	1	0	20.27	20.26	20.27			2612.5	
15	64QAM	1	37	20.08	20.33	20.23	22	1	2575	
15	64QAM	1	74	20.08	20.32	20.32			2595	
15	64QAM	36	0	19.20	19.30	19.18			2612.5	
15	64QAM	36	20	19.32	19.31	19.17	21	2	2575	
15	64QAM	36	39	19.16	19.25	19.07			2595	
15	64QAM	75	0	19.20	19.21	19.12			2612.5	
15	256QAM	1	0	17.27	17.32	17.05	19	4	2575	
15	256QAM	1	37	17.24	17.38	17.21			2595	
15	256QAM	1	74	17.31	17.21	17.14			2612.5	
15	256QAM	36	0	17.22	17.21	17.06	19	4	2575	
15	256QAM	36	20	17.13	17.26	17.12			2595	
15	256QAM	36	39	17.22	17.16	17.12			2612.5	
15	256QAM	75	0	17.11	17.20	17.06				
Channel										
			Frequency (MHz)	37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	21.16	21.22	21.13	23	0	2575	
10	QPSK	1	25	21.09	21.16	21.28			2595	
10	QPSK	1	49	21.16	21.22	21.33			2615	
10	QPSK	25	0	21.15	21.26	21.21	23	0	2575	
10	QPSK	25	12	21.16	21.31	21.14			2595	
10	QPSK	25	25	21.25	21.29	21.21			2615	
10	QPSK	50	0	21.10	21.34	21.25	23	0	2575	
10	16QAM	1	0	21.13	21.16	21.25			2595	
10	16QAM	1	25	21.21	21.37	21.15			2615	
10	16QAM	1	49	21.14	21.30	21.25	22	1	2575	
10	16QAM	25	0	20.21	20.23	20.09			2595	
10	16QAM	25	12	20.10	20.22	20.08			2615	
10	16QAM	25	25	20.02	20.35	20.12	22	1	2575	
10	16QAM	50	0	20.02	20.34	20.23			2595	
10	64QAM	1	0	20.18	20.20	20.20			2615	
10	64QAM	1	25	20.04	20.27	20.26	22	1	2575	
10	64QAM	1	49	20.15	20.27	20.32			2595	
10	64QAM	25	0	19.11	19.35	19.14			2615	
10	64QAM	25	12	19.25	19.26	19.09	21	2	2575	
10	64QAM	25	25	19.19	19.15	19.18			2595	
10	64QAM	50	0	19.17	19.21	19.05			2615	
10	256QAM	1	0	17.18	17.37	17.18	19	4	2575	
10	256QAM	1	25	17.27	17.26	17.26			2595	
10	256QAM	1	49	17.32	17.29	17.04			2615	
10	256QAM	25	0	17.22	17.24	17.15	19	4	2575	
10	256QAM	25	12	17.21	17.26	17.22			2595	
10	256QAM	25	25	17.31	17.16	17.22			2615	
10	256QAM	50	0	17.16	17.29	17.06				
Channel										
			Frequency (MHz)	37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	21.24	21.31	21.22	23	0	2575	
5	QPSK	1	12	21.12	21.14	21.21			2595	
5	QPSK	1	24	21.11	21.31	21.30			2615	
5	QPSK	12	0	21.08	21.26	21.31	23	0	2575	
5	QPSK	12	7	21.15	21.35	21.16			2595	
5	QPSK	12	13	21.21	21.38	21.25			2615	
5	QPSK	25	0	21.12	21.29	21.21	23	0	2575	
5	16QAM	1	0	21.05	21.14	21.25			2595	
5	16QAM	1	12	21.15	21.23	21.22			2615	
5	16QAM	1	24	21.22	21.31	21.28	22	1	2575	
5	16QAM	12	0	20.09	20.31	20.12			2595	
5	16QAM	12	7	20.13	20.28	20.16			2615	
5	16QAM	12	13	20.04	20.32	20.20	22	1	2575	
5	16QAM	25	0	20.05	20.38	20.28			2595	
5	64QAM	1	0	20.27	20.28	20.15			2615	
5	64QAM	1	12	20.13	20.27	20.23	22	1	2575	
5	64QAM	1	24	20.08	20.27	20.25			2595	
5	64QAM	12	0	19.18	19.26	19.23			2615	
5	64QAM	12	7	19.27	19.30	19.09	21	2	2575	
5	64QAM	12	13	19.12	19.11	19.06			2595	
5	64QAM	25	0	19.15	19.19	19.14			2615	
5	256QAM	1	0	17.21	17.28	17.03	19	4	2575	
5	256QAM	1	12	17.23	17.26	17.29			2595	
5	256QAM	1	24	17.32	17.25	17.04			2615	
5	256QAM	12	0	17.25	17.29	17.05	19	4	2575	
5	256QAM	12	7	17.21	17.36	17.16			2595	
5	256QAM	12	13	17.27	17.29	17.24			2615	
5	256QAM	25	0	17.19	17.19	17.08				

LTE Band 41 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)	Channel	
			Frequency (MHz)	3970	4015	4060				
20	QPSK	1	0	21.13	21.40	21.63	23	0	2590	
20	QPSK	1	49	21.17	21.33	21.43			2595	
20	QPSK	1	99	21.15	21.34	21.44			2630.5	
20	QPSK	50	0	21.16	21.43	21.54	23	0	2590	
20	QPSK	50	24	21.21	21.41	21.47			2595	
20	QPSK	50	50	21.12	21.41	21.50			2630.5	
20	QPSK	100	0	21.19	21.42	21.53	23	0	2590	
20	16QAM	1	0	21.14	21.47	21.51			2595	
20	16QAM	1	49	21.10	21.35	21.44			2630.5	
20	16QAM	1	99	21.12	21.41	21.47	22	1	2590	
20	16QAM	50	0	20.20	20.45	20.49			2595	
20	16QAM	50	24	20.17	20.48	20.56</				



Reduced Power Mode for DSI 7_Main PA

GSM850 Ant 0 DSI7							
GSM850_Ant 0 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)		
	128	189	251		128	189	251
Frequency (MHz)	524.2	538.4	542.8	524.2	538.4	542.8	
GSM 1 Tx slot	30.33	30.43	30.43	31.50	21.30	21.40	21.43
GPRS 1 Tx slot	30.25	30.37	30.44	31.50	21.25	21.37	21.44
GPRS 2 Tx slots	27.99	28.17	28.15	29.00	21.99	22.17	22.15
GPRS 3 Tx slots	28.44	28.45	28.56	27.00	22.18	22.19	22.39
GPRS 4 Tx slots	24.32	24.56	24.55	28.00	21.32	21.56	21.55
EDGE 1 Tx slot	24.70	24.98	24.77	28.00	19.70	19.98	19.77
EDGE 2 Tx slots	24.75	24.91	24.76	25.50	19.75	19.81	19.78
EDGE 3 Tx slots	23.82	23.78	23.87	25.00	19.56	19.52	19.61
EDGE 4 Tx slots	21.33	21.44	21.32	22.50	18.33	18.44	18.32

GSM1900 Ant 0 DSI7							
GSM1900_Ant 0 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)		
	1512	1880	1939.8		1512	1880	1939.8
Frequency (MHz)	1850.2	1880	1939.8	1850.2	1880	1939.8	
GSM 1 Tx slot	23.85	23.91	24.08	25.00	14.85	14.81	15.08
GPRS 1 Tx slot	23.91	23.85	24.00	25.00	14.91	14.85	15.00
GPRS 2 Tx slots	21.48	21.75	21.89	23.00	15.46	15.75	15.89
GPRS 3 Tx slots	19.83	20.00	20.18	21.00	15.57	15.74	15.93
GPRS 4 Tx slots	18.51	18.33	18.24	20.00	15.21	15.34	15.24
EDGE 1 Tx slot	19.73	19.53	19.52	20.50	10.73	10.53	10.52
EDGE 2 Tx slots	19.59	19.38	19.28	20.00	13.59	13.34	13.28
EDGE 3 Tx slots	17.84	17.49	17.34	19.50	13.58	13.23	13.08
EDGE 4 Tx slots	15.88	15.50	15.39	18.50	12.88	12.50	12.39

WCDMA II Ant 0 DSI7							WCDMA IV Ant 0 DSI7				WCDMA V Ant 0 DSI7			
Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V					
	9962	9900	9938		1312	1413	1513		4132	4182	4233			
Rx Channel	9962	9900	9938	1537	1638	1738	4537	4407	4458					
Frequency (MHz)	1820.4	1800	1997.8	1772.4	1743.8	1932.8	3862.4	3814.4	3848.6					
3GPP Rel 99	AMR 12.2kbps	15.60	15.61	15.53	17.00	15.19	15.15	15.24	16.50	22.52	22.78	22.62	24.00	
3GPP Rel 99	RMC 12.2kbps	15.60	15.74	15.69	17.00	16.14	15.29	15.19	16.50	22.54	22.88	22.69	24.00	
3GPP Rel 6	HSDPA Subtest-1	14.73	14.85	14.89	16.00	13.98	13.92	14.10	15.50	21.53	21.51	21.67	23.00	
3GPP Rel 6	HSDPA Subtest-2	14.85	14.83	14.91	16.00	13.99	14.21	13.96	15.50	21.85	21.70	21.70	23.00	
3GPP Rel 6	HSDPA Subtest-3	14.32	14.35	14.28	15.50	13.50	13.65	13.50	15.00	21.02	21.19	21.14	22.50	
3GPP Rel 6	HSDPA Subtest-4	14.25	14.44	14.30	15.50	13.35	13.68	13.44	15.00	20.95	21.21	21.11	22.50	
3GPP Rel 6	DCH-HSDPA Subtest-1	14.74	14.78	14.96	16.00	13.94	14.00	14.09	15.50	21.68	21.62	21.74	23.00	
3GPP Rel 6	DCH-HSDPA Subtest-2	14.90	14.86	14.94	16.00	13.92	14.05	14.17	15.50	21.49	21.57	21.77	23.00	
3GPP Rel 6	DCH-HSDPA Subtest-3	14.34	14.45	14.38	15.50	13.60	13.71	13.47	15.00	21.19	21.28	21.24	22.50	
3GPP Rel 6	DCH-HSDPA Subtest-4	14.48	14.46	14.37	15.50	13.62	13.59	13.54	15.00	21.25	21.11	21.12	22.50	
3GPP Rel 6	HSPA Subtest-1	14.83	14.87	14.86	16.00	14.08	14.17	13.94	15.50	21.78	21.69	21.58	23.00	
3GPP Rel 6	HSPA Subtest-2	12.83	12.77	12.81	14.00	11.91	12.00	11.92	13.50	19.52	19.60	19.48	21.00	
3GPP Rel 6	HSPA Subtest-3	13.91	13.89	13.83	15.00	13.09	13.10	12.99	14.50	20.66	20.66	20.43	22.00	
3GPP Rel 6	HSPA Subtest-4	12.71	13.07	12.87	14.00	11.99	12.09	12.01	13.50	19.68	19.74	19.67	21.00	
3GPP Rel 6	HSPA Subtest-5	14.86	14.82	14.93	16.00	13.96	13.96	14.13	15.50	21.86	21.58	21.67	23.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.47	12.39	12.44	13.50	11.58	11.51	11.61	13.00	19.29	19.10	19.25	20.50	



LTE Band 12 Ant0 Main_PA DSI7										
BSF (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up time (min)	MPT (dB)		
Channel										
Frequency (MHz)										
705	707.5	711								
10	QPSK	1	0	22.87	22.91	22.87			24	0
10	QPSK	1	25	22.66	22.72	22.71				
10	QPSK	1	49	22.73	22.78	22.77				
10	QPSK	25	0	21.95	22.01	21.91				
10	QPSK	25	12	21.82	21.94	21.89			23	1
10	QPSK	25	25	22.02	22.08	22.04				
10	QPSK	50	0	21.79	21.86	21.86				
10	16QAM	1	0	21.79	21.98	21.83				
10	16QAM	1	25	21.97	21.98	21.97			23	1
10	16QAM	1	49	21.95	21.94	21.95				
10	16QAM	25	0	20.80	20.87	20.83				
10	16QAM	25	12	20.86	20.90	20.88			22	2
10	16QAM	25	25	20.95	20.94	20.97				
10	16QAM	50	0	20.78	20.86	20.81				
10	64QAM	1	0	20.85	20.93	20.89			22	2
10	64QAM	1	25	20.79	20.87	20.82				
10	64QAM	1	49	20.81	20.85	20.83				
10	64QAM	25	0	19.80	19.98	19.89				
10	64QAM	25	12	19.86	19.90	19.88			21	3
10	64QAM	25	25	19.85	19.90	19.84				
10	64QAM	50	0	19.82	19.89	19.81				
10	256QAM	1	0	17.82	17.82	17.87			19	5
10	256QAM	1	25	17.80	17.83	17.81				
10	256QAM	1	49	17.87	17.86	17.82				
10	256QAM	25	0	17.82	17.86	17.82			19	5
10	256QAM	25	12	17.83	17.84	17.84				
10	256QAM	25	25	17.78	17.83	17.82				
10	256QAM	50	0	17.84	17.84	17.83				
Channel										
Frequency (MHz)										
705.5	707.5	711.5								
5	QPSK	1	0	22.81	22.75	22.80			24	0
5	QPSK	1	12	22.82	22.82	22.80				
5	QPSK	1	24	22.69	22.68	22.64				
5	QPSK	12	0	21.77	21.95	21.86				
5	QPSK	12	7	21.80	21.84	21.78			23	1
5	QPSK	12	14	21.80	21.80	21.80				
5	QPSK	25	0	21.61	21.80	21.80				
5	16QAM	1	0	21.72	21.80	21.84				
5	16QAM	1	12	21.80	21.87	21.81			23	1
5	16QAM	1	24	21.82	21.68	21.81				
5	16QAM	12	0	20.66	20.73	20.73				
5	16QAM	12	7	20.72	20.82	20.71			22	2
5	16QAM	12	14	20.84	20.82	20.74				
5	64QAM	1	0	20.69	20.84	20.82			22	2
5	64QAM	1	12	20.84	20.84	20.84				
5	64QAM	1	24	20.75	20.75	20.75				
5	64QAM	12	0	19.75	19.86	19.82				
5	64QAM	12	7	19.85	19.81	19.72			21	3
5	64QAM	12	14	19.73	19.82	19.78				
5	64QAM	25	0	19.88	19.80	19.71				
5	256QAM	1	0	17.82	17.82	17.86			19	5
5	256QAM	1	12	17.85	17.76	17.76				
5	256QAM	1	24	17.80	17.95	17.71				
5	256QAM	12	0	17.87	17.79	17.80			19	5
5	256QAM	12	7	17.75	17.82	17.80				
5	256QAM	12	14	17.75	17.87	17.82				
5	256QAM	25	0	17.81	17.82	17.74				
Channel										
Frequency (MHz)										
705.5	707.5	711.5								
3	QPSK	1	0	22.73	22.77	22.73			24	0
3	QPSK	1	8	22.88	22.88	22.88				
3	QPSK	1	14	22.86	22.88	22.86				
3	QPSK	8	0	21.88	21.90	21.87				
3	QPSK	8	4	21.88	21.88	21.77			23	1
3	QPSK	8	7	21.85	21.94	21.81				
3	QPSK	15	0	21.68	21.86	21.84				
3	16QAM	1	0	21.74	21.80	21.80				
3	16QAM	1	8	21.85	21.86	21.80			23	1
3	16QAM	1	14	21.81	21.81	21.77				
3	16QAM	8	0	20.72	20.83	20.79				
3	16QAM	8	4	20.86	20.86	20.80			22	2
3	16QAM	8	7	20.87	20.89	20.80				
3	16QAM	15	0	20.63	20.84	20.79				
3	64QAM	1	0	20.76	20.92	20.79			22	2
3	64QAM	1	8	20.75	20.71	20.74				
3	64QAM	1	14	20.83	20.78	20.72				
3	64QAM	8	0	19.69	19.90	19.73				
3	64QAM	8	4	19.81	19.84	19.80			21	3
3	64QAM	8	7	19.88	19.85	19.75				
3	64QAM	15	0	19.84	19.71	19.72				
3	256QAM	1	0	17.86	17.86	17.86			19	5
3	256QAM	1	8	17.71	17.81	17.80				
3	256QAM	1	14	17.78	17.86	17.87				
3	256QAM	8	0	17.87	17.79	17.80			19	5
3	256QAM	8	4	17.73	17.80	17.80				
3	256QAM	8	7	17.85	17.79	17.77				
3	256QAM	15	0	17.75	17.87	17.80				
Channel										
Frequency (MHz)										
706.7	707.5	711.5								
1.4	QPSK	1	0	22.63	22.79	22.67			24	0
1.4	QPSK	1	3	22.88	22.84	22.80				
1.4	QPSK	1	5	22.58	22.87	22.84				
1.4	QPSK	3	0	22.55	22.70	22.61				
1.4	QPSK	3	1	22.62	22.80	22.61			23	1
1.4	QPSK	3	2	22.67	22.75	22.72				
1.4	QPSK	6	0	21.53	21.73	21.69			23	1
1.4	16QAM	1	0	21.62	21.86	21.74				
1.4	16QAM	1	3	21.66	21.81	21.80			23	1
1.4	16QAM	3	0	21.56	21.82	21.79				
1.4	16QAM	3	1	21.61	21.82	21.82				
1.4	16QAM	3	3	21.50	21.88	21.72				
1.4	16QAM	6	0	20.40	20.74	20.77			22	2
1.4	64QAM	1	0	20.88	20.88	20.78				
1.4	64QAM	1	3	20.64	21.00	20.78			22	2
1.4	64QAM	1	5	20.70	20.89	20.86				
1.4	64QAM	3	0	20.55	20.84	20.83				
1.4	64QAM	3	1	20.52	20.81	20.82				
1.4	64QAM	3	3	20.65	20.93	20.82			21	2
1.4	256QAM	1	0	17.65	17.86	17.83			19	5
1.4	256QAM	1	3	17.82	17.85	17.84				
1.4	256QAM	1	5	17.60	17.88	17.86				
1.4	256QAM	3	0	17.88	17.87	17.88				
1.4	256QAM	3	1	17.73	17.86	17.75				
1.4	256QAM	3	3	17.73	17.84	17.82				
1.4	256QAM	6	0	17.78	17.80	17.84			19	5

LTE Band 13 Ant0 Main_PA DSI7										
BSF (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Turn-up time (min)	MPT (dB)		
Channel										
Frequency (MHz)										
702										
10	QPSK	1	0		22.03				24	0
10	QPSK	1	25		22.88					
10	QPSK	1	49		22.88					
10	QPSK	25	0		22.30					
10	QPSK	25	12		21.98				23	1
10	QPSK	25	25		22.08					
10	16QAM	1	0		22.03					
10	16QAM	1	25		21.95				22	1
10	16QAM	1	49		21.96					
10	16QAM	25	0		21.05					
10	16QAM	25	12		20.80				22	2
10	16QAM	25	25		20.80					
10	64QAM	1	0		21.96				22	2
10	64QAM	1	25		21.91					
10	64QAM									



LTE Band 25 Ant0 Main_PA DS17												
BSF MHz	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-up time (min)	MPT (dB)				
Channel				Frequency (MHz)								
20	QPSK	1	0	16.14	16.31	16.19						
20	QPSK	1	49	16.25	16.16	16.14	17	0				
20	QPSK	1	98	16.16	16.24	16.27						
20	QPSK	50	0	16.22	16.30	16.11						
20	QPSK	50	24	16.12	16.25	16.23	17	0				
20	QPSK	50	25	16.27	16.20	16.17						
20	QPSK	100	0	16.27	16.28	16.13						
20	TDMA	1	0	16.22	16.19	16.26	17	0				
20	TDMA	1	49	16.16	16.20	16.17						
20	TDMA	1	98	16.17	16.25	16.24						
20	TDMA	50	0	16.16	16.23	16.11						
20	TDMA	50	24	16.26	16.23	16.14	17	0				
20	TDMA	50	24	16.17	16.20	16.26						
20	TDMA	100	0	16.16	16.28	16.22						
20	SCDMA	1	0	16.25	16.17	16.20	17	0				
20	SCDMA	1	49	16.22	16.20	16.24						
20	SCDMA	1	98	16.14	16.20	16.23						
20	SCDMA	50	0	16.16	16.23	16.12						
20	SCDMA	50	25	16.21	16.24	16.20	17	0				
20	SCDMA	100	0	16.22	16.30	16.21						
20	SCDMA	1	0	16.22	16.27	16.14	17	0				
20	SCDMA	1	49	16.24	16.29	16.20						
20	SCDMA	1	98	16.22	16.17	16.21						
20	SCDMA	50	0	16.14	16.24	16.21						
20	SCDMA	50	24	16.21	16.21	16.24	17	0				
20	SCDMA	100	0	16.23	16.28	16.18						
Channel				Frequency (MHz)							Turn-up time (min)	MPT (dB)
18	QPSK	1	0	16.09	16.21	16.02						
18	QPSK	1	37	16.10	16.04	16.10	17	0				
18	QPSK	1	74	16.15	16.10	16.10						
18	QPSK	36	0	16.11	16.07	16.06						
18	QPSK	36	20	16.09	16.12	16.05	17	0				
18	QPSK	36	20	16.10	16.09	16.06						
18	QPSK	75	0	16.10	16.20	16.00						
18	TDMA	1	0	16.11	16.05	16.12	17	0				
18	TDMA	1	74	16.15	16.07	16.11						
18	TDMA	36	0	16.14	16.10	16.11						
18	TDMA	36	20	16.10	16.08	16.09	17	0				
18	TDMA	75	0	16.07	16.14	16.10						
18	SCDMA	1	0	16.12	16.14	16.10	17	0				
18	SCDMA	1	37	16.10	16.20	16.10						
18	SCDMA	1	74	16.09	16.12	16.14						
18	SCDMA	36	0	16.11	16.07	16.07	17	0				
18	SCDMA	36	20	16.07	16.09	16.05						
18	SCDMA	75	0	16.17	16.10	16.14	17	0				
18	SCDMA	1	0	16.08	16.10	16.00						
18	SCDMA	1	37	16.11	16.10	16.14						
18	SCDMA	1	74	16.05	16.09	16.07						
18	SCDMA	36	0	16.04	16.10	16.00	17	0				
18	SCDMA	36	20	16.10	16.12	16.10						
18	SCDMA	75	0	16.22	16.23	16.02						
Channel				Frequency (MHz)							Turn-up time (min)	MPT (dB)
10	QPSK	1	0	16.10	16.23	16.01						
10	QPSK	1	20	16.08	16.10	16.10	17	0				
10	QPSK	1	20	16.15	16.13	16.18						
10	QPSK	36	0	16.11	16.20	16.09						
10	QPSK	36	20	16.10	16.12	16.05	17	0				
10	QPSK	75	0	16.10	16.20	16.00						
10	TDMA	1	0	16.11	16.05	16.12	17	0				
10	TDMA	1	74	16.15	16.07	16.11						
10	TDMA	36	0	16.14	16.10	16.11						
10	TDMA	36	20	16.10	16.08	16.09	17	0				
10	TDMA	75	0	16.07	16.14	16.10						
10	SCDMA	1	0	16.12	16.14	16.10	17	0				
10	SCDMA	1	37	16.10	16.20	16.10						
10	SCDMA	1	74	16.09	16.12	16.14						
10	SCDMA	36	0	16.11	16.07	16.07	17	0				
10	SCDMA	36	20	16.07	16.09	16.05						
10	SCDMA	75	0	16.17	16.10	16.14	17	0				
10	SCDMA	1	0	16.08	16.10	16.00						
10	SCDMA	1	37	16.11	16.10	16.14						
10	SCDMA	1	74	16.05	16.09	16.07						
10	SCDMA	36	0	16.04	16.10	16.00	17	0				
10	SCDMA	36	20	16.10	16.12	16.10						
10	SCDMA	75	0	16.22	16.23	16.02						
Channel				Frequency (MHz)							Turn-up time (min)	MPT (dB)
5	QPSK	1	0	16.10	16.23	16.01						
5	QPSK	1	20	16.08	16.10	16.10	17	0				
5	QPSK	1	20	16.15	16.13	16.18						
5	QPSK	36	0	16.11	16.20	16.09						
5	QPSK	36	20	16.10	16.12	16.05	17	0				
5	QPSK	75	0	16.10	16.20	16.00						
5	TDMA	1	0	16.11	16.05	16.12	17	0				
5	TDMA	1	74	16.15	16.07	16.11						
5	TDMA	36	0	16.14	16.10	16.11						
5	TDMA	36	20	16.10	16.08	16.09	17	0				
5	TDMA	75	0	16.07	16.14	16.10						
5	SCDMA	1	0	16.12	16.14	16.10	17	0				
5	SCDMA	1	37	16.10	16.20	16.10						
5	SCDMA	1	74	16.09	16.12	16.14						
5	SCDMA	36	0	16.11	16.07	16.07	17	0				
5	SCDMA	36	20	16.07	16.09	16.05						
5	SCDMA	75	0	16.17	16.10	16.14	17	0				
5	SCDMA	1	0	16.08	16.10	16.00						
5	SCDMA	1	37	16.11	16.10	16.14						
5	SCDMA	1	74	16.05	16.09	16.07						
5	SCDMA	36	0	16.04	16.10	16.00	17	0				
5	SCDMA	36	20	16.10	16.12	16.10						
5	SCDMA	75	0	16.22	16.23	16.02						
Channel				Frequency (MHz)							Turn-up time (min)	MPT (dB)
3	QPSK	1	0	16.09	16.21	16.02						
3	QPSK	1	37	16.10	16.04	16.10	17	0				
3	QPSK	1	74	16.15	16.10	16.10						
3	QPSK	36	0	16.11	16.07	16.06						
3	QPSK	36	20	16.09	16.12	16.05	17	0				
3	QPSK	75	0	16.10	16.20	16.00						
3	TDMA	1	0	16.11	16.05	16.12	17	0				
3	TDMA	1	74	16.15	16.07	16.11						
3	TDMA	36	0	16.14	16.10	16.11						
3	TDMA	36	20	16.10	16.08	16.09	17	0				
3	TDMA	75	0	16.07	16.14	16.10						
3	SCDMA	1	0	16.12	16.14	16.10	17	0				
3	SCDMA	1	37	16.10	16.20	16.10						
3	SCDMA	1	74	16.09	16.12	16.14						
3	SCDMA	36	0	16.11	16.07	16.07	17	0				
3	SCDMA	36	20	16.07	16.09	16.05						
3	SCDMA	75	0	16.17	16.10	16.14	17	0				
3	SCDMA	1	0	16.08	16.10	16.00						
3	SCDMA	1	37	16.11	16.10	16.14						
3	SCDMA	1	74	16.05	16.09	16.07						
3	SCDMA	36	0	16.04	16.10	16.00	17	0				
3	SCDMA	36	20	16.10	16.12	16.10						
3	SCDMA	75	0	16.22	16.23	16.02						
Channel				Frequency (MHz)							Turn-up time (min)	MPT (dB)
1.4	QPSK	1	0	16.09	16.14	16.03						
1.4	QPSK	1	37	16.10	16.04	16.10	17	0				
1.4	QPSK	1	74	16.15	16.10	16.10						
1.4	QPSK	3	0	16.10	16.14	16.00						
1.4	QPSK	3	1	16.08	16.07	16.08	17	0				
1.4	QPSK	3	3	16.10	16.10	16.03						
1.4	QPSK	15	0	16.25	16.09	16.06						
1.4	TDMA	1	0	16.21	16.00	16.00	17	0				
1.4	TDMA	1	4	16.12	16.01	16.01						
1.4	TDMA	1	14	16.02	16.20	16.10						
1.4	TDMA	3	0	16.11	16.10	16.10						
1.4	TDMA	3	4	16.10	16.14	16.00	17	0				
1.4	TDMA	3	7	16.09	16.10	16.07						
1.4	TDMA	15	0	16.04	16.10	16.07						
1.4	TDMA	1	0	16.08	16.09	16.00						
1.4	TDMA	1	14	16.09	16.14	16.00	17	0				
1.4	TDMA	3	0	16.10	16.10</							



LTE Band 7 Ant1 Main_PA DSI7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	17.63	17.63	17.33	18.5	0		
20	QPSK	1	49	17.70	17.67	17.42				
20	QPSK	1	99	17.59	17.75	17.45				
20	QPSK	50	0	17.71	17.73	17.48	18.5	0		
20	QPSK	50	24	17.71	17.68	17.36				
20	QPSK	50	50	17.69	17.72	17.37				
20	QPSK	100	0	17.70	17.75	17.46	18.5	0		
20	16QAM	1	0	17.65	17.71	17.34				
20	16QAM	1	49	17.66	17.65	17.47				
20	16QAM	1	99	17.70	17.79	17.38	18.5	0		
20	16QAM	50	0	17.72	17.68	17.37				
20	16QAM	50	24	17.67	17.70	17.34				
20	16QAM	50	50	17.67	17.77	17.47	18.5	0		
20	16QAM	100	0	17.60	17.70	17.37				
20	64QAM	1	0	17.66	17.70	17.48				
20	64QAM	1	49	17.65	17.77	17.32	18.5	0		
20	64QAM	1	99	17.63	17.77	17.38				
20	64QAM	50	0	17.65	17.76	17.36				
20	64QAM	50	24	17.69	17.76	17.50	18.5	0		
20	64QAM	50	50	17.72	17.67	17.35				
20	64QAM	100	0	17.72	17.62	17.42				
20	256QAM	1	0	17.58	17.64	17.49	18.5	0		
20	256QAM	1	49	17.72	17.67	17.34				
20	256QAM	1	99	17.67	17.62	17.39				
20	256QAM	50	0	17.68	17.77	17.45	18.5	0		
20	256QAM	50	24	17.74	17.68	17.44				
20	256QAM	50	50	17.63	17.79	17.50				
20	256QAM	100	0	17.63	17.71	17.38				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	17.48	17.60	17.28	18.5	0		
15	QPSK	1	37	17.69	17.65	17.39				
15	QPSK	1	74	17.41	17.73	17.29				
15	QPSK	36	0	17.59	17.51	17.38	18.5	0		
15	QPSK	36	20	17.55	17.49	17.21				
15	QPSK	36	39	17.62	17.55	17.24				
15	QPSK	75	0	17.67	17.73	17.39	18.5	0		
15	16QAM	1	0	17.52	17.69	17.17				
15	16QAM	1	37	17.51	17.54	17.42				
15	16QAM	1	74	17.60	17.76	17.20	18.5	0		
15	16QAM	36	0	17.66	17.63	17.35				
15	16QAM	36	20	17.56	17.51	17.30				
15	16QAM	36	39	17.60	17.70	17.42	18.5	0		
15	16QAM	75	0	17.43	17.63	17.20				
15	64QAM	1	0	17.52	17.61	17.38				
15	64QAM	1	37	17.59	17.70	17.28	18.5	0		
15	64QAM	1	74	17.62	17.68	17.24				
15	64QAM	36	0	17.54	17.73	17.22				
15	64QAM	36	20	17.65	17.70	17.47	18.5	0		
15	64QAM	36	39	17.65	17.56	17.31				
15	64QAM	75	0	17.66	17.59	17.39				
15	256QAM	1	0	17.53	17.53	17.38	18.5	0		
15	256QAM	1	37	17.61	17.65	17.29				
15	256QAM	1	74	17.54	17.54	17.23				
15	256QAM	36	0	17.56	17.68	17.30	18.5	0		
15	256QAM	36	20	17.72	17.61	17.29				
15	256QAM	36	39	17.51	17.68	17.43				
15	256QAM	75	0	17.51	17.65	17.24				
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	17.52	17.57	17.14	18.5	0		
10	QPSK	1	25	17.61	17.64	17.28				
10	QPSK	1	49	17.51	17.61	17.41				
10	QPSK	25	0	17.63	17.53	17.30	18.5	0		
10	QPSK	25	12	17.70	17.63	17.34				
10	QPSK	25	25	17.53	17.60	17.36				
10	QPSK	50	0	17.63	17.57	17.29	18.5	0		
10	16QAM	1	0	17.56	17.70	17.17				
10	16QAM	1	25	17.60	17.58	17.44				
10	16QAM	1	49	17.67	17.67	17.30	18.5	0		
10	16QAM	25	0	17.70	17.48	17.20				
10	16QAM	25	12	17.50	17.52	17.32				
10	16QAM	25	25	17.59	17.69	17.30	18.5	0		
10	16QAM	50	0	17.58	17.59	17.19				
10	64QAM	1	0	17.60	17.69	17.30				
10	64QAM	1	25	17.56	17.72	17.28	18.5	0		
10	64QAM	1	49	17.58	17.74	17.30				
10	64QAM	25	0	17.49	17.75	17.26				
10	64QAM	25	12	17.59	17.61	17.38	18.5	0		
10	64QAM	25	25	17.70	17.51	17.25				
10	64QAM	50	0	17.53	17.57	17.38				
10	256QAM	1	0	17.42	17.50	17.45	18.5	0		
10	256QAM	1	25	17.55	17.54	17.28				
10	256QAM	1	49	17.51	17.44	17.22				
10	256QAM	25	0	17.67	17.66	17.44	18.5	0		
10	256QAM	25	12	17.66	17.52	17.31				
10	256QAM	25	25	17.45	17.60	17.49				
10	256QAM	50	0	17.49	17.52	17.22				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	17.47	17.65	17.20	18.5	0		
5	QPSK	1	12	17.58	17.64	17.27				
5	QPSK	1	24	17.47	17.57	17.38				
5	QPSK	12	0	17.69	17.52	17.32	18.5	0		
5	QPSK	12	7	17.52	17.60	17.29				
5	QPSK	12	13	17.65	17.56	17.29				
5	QPSK	25	0	17.62	17.70	17.45	18.5	0		
5	16QAM	1	0	17.64	17.57	17.26				
5	16QAM	1	12	17.56	17.59	17.44				
5	16QAM	1	24	17.69	17.75	17.22	18.5	0		
5	16QAM	12	0	17.59	17.58	17.22				
5	16QAM	12	7	17.63	17.54	17.29				
5	16QAM	12	13	17.48	17.63	17.44	18.5	0		
5	16QAM	25	0	17.51	17.54	17.22				
5	64QAM	1	0	17.66	17.57	17.45				
5	64QAM	1	12	17.62	17.68	17.28	18.5	0		
5	64QAM	1	24	17.45	17.73	17.26				
5	64QAM	12	0	17.47	17.67	17.31				
5	64QAM	12	7	17.52	17.69	17.41	18.5	0		
5	64QAM	12	13	17.59	17.62	17.24				
5	64QAM	25	0	17.63	17.43	17.24				
5	256QAM	1	0	17.56	17.59	17.42	18.5	0		
5	256QAM	1	12	17.65	17.50	17.28				
5	256QAM	1	24	17.50	17.50	17.33				
5	256QAM	12	0	17.50	17.63	17.31	18.5	0		
5	256QAM	12	7	17.58	17.58	17.28				
5	256QAM	12	13	17.51	17.69	17.45				
5	256QAM	25	0	17.51	17.69	17.23				



LTE Band 2 Ant4 Main_PA										
BW (MHz)	Modulation	RB Sx	RB Cx(Ch)	Power Ch./Freq	Power Ch./Freq	Power Ch./Freq	Turn-up time (min)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.28	14.30	14.21				
20	QPSK	1	48	14.29	14.30	14.23	16	0		
20	QPSK	1	96	14.31	14.30	14.16				
20	QPSK	50	0	14.19	14.30	14.18				
20	QPSK	50	24	14.21	14.31	14.18	16	0		
20	QPSK	50	50	14.19	14.30	14.27				
20	QPSK	100	0	14.24	14.30	14.21				
20	TDMA	1	0	14.30	14.30	14.24				
20	TDMA	1	48	14.16	14.30	14.20	16	0		
20	TDMA	1	96	14.18	14.30	14.27				
20	TDMA	50	0	14.19	14.30	14.19				
20	TDMA	50	24	14.22	14.30	14.17	16	0		
20	TDMA	50	50	14.27	14.30	14.18				
20	TDMA	100	0	14.27	14.30	14.25				
20	TDMA	1	0	14.32	14.30	14.24				
20	TDMA	1	48	14.25	14.32	14.23	16	0		
20	TDMA	1	96	14.24	14.30	14.20				
20	TDMA	50	0	14.30	14.30	14.20				
20	TDMA	50	24	14.25	14.30	14.24	16	0		
20	TDMA	50	50	14.18	14.30	14.20				
20	TDMA	100	0	14.27	14.30	14.20				
20	ZSMA	1	0	14.16	14.30	14.20	16	0		
20	ZSMA	1	48	14.18	14.30	14.18				
20	ZSMA	1	96	14.32	14.30	14.18				
20	ZSMA	50	0	14.28	14.30	14.27				
20	ZSMA	50	24	14.33	14.30	14.20	16	0		
20	ZSMA	50	50	14.18	14.30	14.20				
20	ZSMA	100	0	14.30	14.30	14.20				
Channel										
Frequency (MHz)										
15	QPSK	1	0	14.14	14.30	14.03				
15	QPSK	1	37	14.25	14.30	14.24	16	0		
15	QPSK	1	74	14.31	14.30	14.16				
15	QPSK	36	0	14.16	14.40	14.11				
15	QPSK	36	20	14.18	14.30	14.17	16	0		
15	QPSK	36	39	14.22	14.30	14.11				
15	QPSK	36	58	14.28	14.30	14.24				
15	TDMA	1	0	14.12	14.44	14.11				
15	TDMA	1	37	14.26	14.30	14.15	16	0		
15	TDMA	1	74	14.30	14.30	14.08				
15	TDMA	36	0	14.04	14.30	14.15				
15	TDMA	36	20	14.17	14.30	14.03	16	0		
15	TDMA	36	39	14.20	14.30	14.24				
15	TDMA	36	58	14.24	14.30	14.10				
15	TDMA	1	0	14.21	14.30	14.10				
15	TDMA	1	37	14.11	14.44	14.24	16	0		
15	TDMA	1	74	14.31	14.31	14.24				
15	TDMA	36	0	14.12	14.30	14.11				
15	TDMA	36	20	14.20	14.30	14.07	16	0		
15	TDMA	36	39	14.26	14.30	14.05				
15	TDMA	36	58	14.16	14.40	14.23				
Channel										
Frequency (MHz)										
10	QPSK	1	0	14.13	14.33	13.99				
10	QPSK	1	25	14.31	14.30	14.18	16	0		
10	QPSK	1	50	14.31	14.30	14.18				
10	QPSK	25	0	14.25	14.31	14.11				
10	QPSK	25	12	14.22	14.30	14.19	16	0		
10	QPSK	25	25	14.28	14.30	14.13				
10	QPSK	50	0	14.28	14.30	14.21				
10	TDMA	1	0	14.09	14.30	14.21				
10	TDMA	1	25	14.21	14.40	14.15	16	0		
10	TDMA	1	50	14.11	14.40	14.08				
10	TDMA	25	0	14.06	14.40	14.08				
10	TDMA	25	12	14.01	14.30	14.08	16	0		
10	TDMA	25	25	14.10	14.30	14.08				
10	TDMA	50	0	14.15	14.40	14.12				
10	TDMA	1	0	14.23	14.40	14.09				
10	TDMA	1	25	14.17	14.30	14.13	16	0		
10	TDMA	1	50	14.12	14.30	14.11				
10	TDMA	25	0	14.22	14.32	14.11				
10	TDMA	25	12	14.08	14.30	14.11	16	0		
10	TDMA	25	25	14.14	14.32	14.13				
10	TDMA	50	0	14.16	14.30	13.97				
10	TDMA	1	0	14.01	14.44	14.13				
10	TDMA	1	25	14.20	14.40	14.07	16	0		
10	TDMA	1	50	14.20	14.40	14.24				
10	TDMA	25	0	14.10	14.40	14.24				
10	TDMA	25	12	14.08	14.30	14.07	16	0		
10	TDMA	25	25	14.11	14.30	14.03				
10	TDMA	50	0	14.08	14.40	14.03				
Channel										
Frequency (MHz)										
5	QPSK	1	0	14.17	14.40	14.10				
5	QPSK	1	12	14.29	14.30	14.24	16	0		
5	QPSK	1	24	14.16	14.30	14.14				
5	QPSK	12	0	14.22	14.47	14.14				
5	QPSK	12	7	14.09	14.33	14.08	16	0		
5	QPSK	12	14	14.11	14.30	14.08				
5	QPSK	25	0	14.14	14.30	14.14				
5	TDMA	1	0	14.18	14.30	14.20				
5	TDMA	1	12	14.27	14.30	14.11	16	0		
5	TDMA	1	24	14.06	14.40	14.08				
5	TDMA	12	0	14.11	14.31	14.07				
5	TDMA	12	7	14.01	14.44	14.11	16	0		
5	TDMA	12	14	14.05	14.32	14.07				
5	TDMA	25	0	14.21	14.30	14.04				
5	TDMA	1	0	14.10	14.40	14.12	16	0		
5	TDMA	1	12	14.16	14.30	14.08				
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5	TDMA	12	7	14.03	14.44	14.04	16	0		
5	TDMA	12	14	14.07	14.30	14.07				
5	TDMA	25	0	14.11	14.30	14.05				
5	TDMA	1	0	14.21	14.30	14.12				
5	TDMA	1	12	14.16	14.30	14.08	16	0		
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5	TDMA	12	7	14.03	14.44	14.04	16	0		
5	TDMA	12	14	14.07	14.30	14.07				
5	TDMA	25	0	14.11	14.30	14.05				
5	TDMA	1	0	14.21	14.30	14.12				
5	TDMA	1	12	14.16	14.30	14.08	16	0		
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5	TDMA	12	7	14.03	14.44	14.04	16	0		
5	TDMA	12	14	14.07	14.30	14.07				
5	TDMA	25	0	14.11	14.30	14.05				
5	TDMA	1	0	14.21	14.30	14.12				
5	TDMA	1	12	14.16	14.30	14.08	16	0		
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5	TDMA	12	7	14.03	14.44	14.04	16	0		
5	TDMA	12	14	14.07	14.30	14.07				
5	TDMA	25	0	14.11	14.30	14.05				
5	TDMA	1	0	14.21	14.30	14.12				
5	TDMA	1	12	14.16	14.30	14.08	16	0		
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5	TDMA	12	7	14.03	14.44	14.04	16	0		
5	TDMA	12	14	14.07	14.30	14.07				
5	TDMA	25	0	14.11	14.30	14.05				
5	TDMA	1	0	14.21	14.30	14.12				
5	TDMA	1	12	14.16	14.30	14.08	16	0		
5	TDMA	1	24	14.18	14.30	14.10				
5	TDMA	12	0	14.26	14.30	14.18				
5										



LTE Band 25 Ant4 Main_PA DS17										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Time-up limit (min)	MFR (dB)		
Frequency (MHz)										
Channel				20112	20140	20168				
20	QPSK	1	0	14.47	14.71	14.95				
20	QPSK	1	48	14.50	14.76	14.92	16	0		
20	QPSK	1	96	14.50	14.82	14.83				
20	QPSK	5	0	14.26	14.67	14.25				
20	QPSK	50	24	14.26	14.63	14.26	16	0		
20	QPSK	50	50	14.27	14.75	14.37				
20	QPSK	100	0	14.26	14.72	14.37				
20	16QAM	1	0	14.64	14.75	14.36				
20	16QAM	1	48	14.24	14.75	14.49	16	0		
20	16QAM	1	96	14.26	14.87	14.41				
20	16QAM	50	0	14.26	14.70	14.32				
20	16QAM	50	24	14.24	14.87	14.36	16	0		
20	16QAM	50	50	14.44	14.88	14.35				
20	16QAM	100	0	14.45	14.85	14.41				
20	16QAM	1	0	14.40	14.89	14.36				
20	16QAM	1	48	14.40	14.71	14.43	16	0		
20	16QAM	1	96	14.20	14.83	14.36				
20	16QAM	50	0	14.28	14.75	14.35				
20	16QAM	50	24	14.40	14.73	14.44	16	0		
20	16QAM	100	0	14.26	14.71	14.49				
20	16QAM	100	0	14.41	14.71	14.49				
20	256QAM	1	0	14.28	14.72	14.46				
20	256QAM	1	48	14.44	14.88	14.41	16	0		
20	256QAM	1	96	14.25	14.74	14.26				
20	256QAM	50	0	14.44	14.70	14.37				
20	256QAM	50	24	14.40	14.86	14.42	16	0		
20	256QAM	100	0	14.26	14.70	14.36				
20	256QAM	100	0	14.40	14.74	14.45				
Channel										
Frequency (MHz)										
Channel				20112	20140	20168				
15	QPSK	1	0	14.37	14.49	14.22				
15	QPSK	1	37	14.40	14.86	14.33	16	0		
15	QPSK	1	74	14.40	14.81	14.33				
15	QPSK	36	0	14.25	14.89	14.16				
15	QPSK	36	20	14.24	14.95	14.21	16	0		
15	QPSK	36	36	14.27	14.87	14.27				
15	QPSK	72	0	14.26	14.82	14.28				
15	16QAM	1	0	14.30	14.83	14.36				
15	16QAM	1	37	14.24	14.85	14.36	16	0		
15	16QAM	1	74	14.26	14.89	14.34				
15	16QAM	36	0	14.21	14.87	14.25				
15	16QAM	36	20	14.28	14.59	14.27	16	0		
15	16QAM	36	36	14.28	14.87	14.24				
15	16QAM	72	0	14.24	14.88	14.32				
15	16QAM	1	0	14.30	14.81	14.26				
15	16QAM	1	37	14.26	14.81	14.33	16	0		
15	16QAM	1	74	14.44	14.84	14.26				
15	16QAM	36	0	14.18	14.86	14.27				
15	16QAM	36	20	14.22	14.85	14.25	16	0		
15	16QAM	36	36	14.18	14.83	14.28				
15	16QAM	72	0	14.31	14.81	14.41				
15	256QAM	1	0	14.30	14.83	14.36				
15	256QAM	1	37	14.26	14.86	14.36	16	0		
15	256QAM	1	74	14.42	14.84	14.18				
15	256QAM	36	0	14.30	14.86	14.28				
15	256QAM	36	20	14.27	14.86	14.32	16	0		
15	256QAM	36	36	14.28	14.86	14.27				
15	256QAM	72	0	14.40	14.84	14.36				
Channel										
Frequency (MHz)										
Channel				13302	13330	13358				
10	QPSK	1	0	14.39	14.82	14.22				
10	QPSK	1	25	14.40	14.86	14.33	16	0		
10	QPSK	1	49	14.41	14.74	14.33				
10	QPSK	25	0	14.26	14.87	14.16				
10	QPSK	25	12	14.23	14.84	14.19	16	0		
10	QPSK	25	25	14.28	14.82	14.27				
10	QPSK	50	0	14.26	14.84	14.29				
10	16QAM	1	0	14.38	14.83	14.28				
10	16QAM	1	25	14.24	14.85	14.37	16	0		
10	16QAM	1	49	14.28	14.87	14.30				
10	16QAM	25	0	14.20	14.85	14.24				
10	16QAM	25	12	14.28	14.59	14.28	16	0		
10	16QAM	25	25	14.28	14.87	14.24				
10	16QAM	50	0	14.30	14.86	14.33				
10	16QAM	1	0	14.30	14.81	14.26				
10	16QAM	1	25	14.28	14.81	14.33	16	0		
10	16QAM	1	49	14.45	14.83	14.26				
10	16QAM	25	0	14.18	14.86	14.27				
10	16QAM	25	12	14.22	14.85	14.25	16	0		
10	16QAM	25	25	14.28	14.86	14.27				
10	16QAM	50	0	14.30	14.86	14.33				
10	256QAM	1	0	14.30	14.81	14.36				
10	256QAM	1	25	14.26	14.86	14.36	16	0		
10	256QAM	1	49	14.42	14.84	14.18				
10	256QAM	25	0	14.30	14.86	14.28				
10	256QAM	25	12	14.27	14.86	14.32	16	0		
10	256QAM	25	25	14.28	14.86	14.27				
10	256QAM	50	0	14.34	14.74	14.42				
Channel										
Frequency (MHz)										
Channel				13302	13330	13358				
5	QPSK	1	0	14.37	14.49	14.21				
5	QPSK	1	12	14.42	14.86	14.34	16	0		
5	QPSK	1	24	14.42	14.74	14.35				
5	QPSK	12	0	14.28	14.88	14.16				
5	QPSK	12	7	14.24	14.83	14.21	16	0		
5	QPSK	12	13	14.28	14.87	14.27				
5	QPSK	25	0	14.28	14.82	14.26				
5	16QAM	1	0	14.34	14.85	14.26				
5	16QAM	1	12	14.24	14.85	14.35	16	0		
5	16QAM	1	24	14.28	14.87	14.30				
5	16QAM	12	0	14.20	14.82	14.22				
5	16QAM	12	7	14.24	14.87	14.28	16	0		
5	16QAM	12	13	14.28	14.88	14.25				
5	16QAM	25	0	14.33	14.86	14.32				
5	16QAM	1	0	14.30	14.89	14.28				
5	16QAM	1	12	14.28	14.81	14.34	16	0		
5	16QAM	1	24	14.45	14.84	14.27				
5	16QAM	12	0	14.18	14.86	14.25				
5	16QAM	12	7	14.23	14.85	14.36	16	0		
5	16QAM	12	13	14.27	14.83	14.25				
5	16QAM	25	0	14.30	14.86	14.33				
5	256QAM	1	0	14.30	14.81	14.36				
5	256QAM	1	12	14.26	14.86	14.36	16	0		
5	256QAM	1	24	14.42	14.84	14.18				
5	256QAM	12	0	14.30	14.86	14.28				
5	256QAM	12	7	14.27	14.86	14.32	16	0		
5	256QAM	12	13	14.28	14.86	14.27				
5	256QAM	25	0	14.34	14.74	14.42				
Channel										
Frequency (MHz)										
Channel				13302	13330	13358				
3	QPSK	1	0	14.38	14.83	14.23				
3	QPSK	1	8	14.42	14.86	14.34	16	0		
3	QPSK	1	16	14.42	14.72	14.35				
3	QPSK	8	0	14.28	14.88	14.17				
3	QPSK	8	4	14.24	14.83	14.21	16	0		
3	QPSK	8	11	14.28	14.88	14.27				
3	QPSK	16	0	14.28	14.84	14.28				
3	16QAM	1	0	14.30	14.85	14.26				
3	16QAM	1	8	14.28	14.82	14.37	16	0		
3	16QAM	1	16	14.28	14.88	14.30				
3	16QAM	8	0	14.22	14.82	14.24				
3	16QAM	8	4	14.24	14.86	14.27	16	0		
3	16QAM	8	11	14.28	14.88	14.25				
3	16QAM	16	0	14.34	14.86	14.32				
3	16QAM	1	0	14.30	14.81	14.27				
3	16QAM	1	8	14.32	14.83	14.33	16	0		
3	16QAM	1	16	14.44	14.84	14.27				
3	16QAM	8	0	14.20	14.86	14.27				
3	16QAM	8	4	14.28	14.83	14.36	16	0		
3	16QAM	8	11	14.28	14.83	14.24				
3	16QAM	16	0	14.31	14.82	14.36				
3	256QAM	1	0	14.30	14.86	14.37				
3	256QAM	1	8	14.28	14.86	14.37	16	0		
3	256QAM	1	16	14.42	14.86	14.25				
3	256QAM	8	0	14.34	14.84	14.30				
3	256QAM	8	4	14.24	14.82	14.29	16	0		
3	256QAM	8	11	14.28	14.86	14.25				
3	256QAM	16	0	14.34	14.86	14.28				
3	256QAM	16	0	14.40	14.71	14.37				
Channel										
Frequency (MHz)										
Channel				13302	13330	13358				
1.4	QPSK	1	0	14.38	14.82	14.23				
1.4	QPSK	1	3	14.40	14.82					



LTE Band 38 Ant4 Main_PA DSI7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				3785.0	3800.0	3815.0				
Frequency (MHz)				2980	2995	3010				
20	QPSK	1	0	14.43	14.55	14.23	15	0		
20	QPSK	1	49	14.39	14.44	14.18				
20	QPSK	1	99	14.51	14.40	14.26				
20	QPSK	50	0	14.40	14.52	14.24				
20	QPSK	50	24	14.46	14.44	14.18	15	0		
20	QPSK	50	50	14.36	14.47	14.18				
20	QPSK	100	0	14.40	14.51	14.19				
20	16QAM	1	0	14.46	14.42	14.17				
20	16QAM	1	49	14.37	14.45	14.15	15	0		
20	16QAM	1	99	14.39	14.51	14.18				
20	16QAM	50	0	14.40	14.44	14.09				
20	16QAM	50	24	14.44	14.48	14.14	15	0		
20	16QAM	50	50	14.39	14.46	14.17				
20	16QAM	100	0	14.43	14.42	14.19				
20	64QAM	1	0	14.50	14.46	14.26				
20	64QAM	1	49	14.37	14.53	14.25	15	0		
20	64QAM	1	99	14.37	14.46	14.10				
20	64QAM	50	0	14.50	14.51	14.13				
20	64QAM	50	24	14.47	14.40	14.14	15	0		
20	64QAM	50	50	14.45	14.39	14.19				
20	256QAM	1	0	14.46	14.46	14.17				
20	256QAM	1	49	14.34	14.44	14.29	15	0		
20	256QAM	1	99	14.36	14.40	14.23				
20	256QAM	50	0	14.44	14.41	14.09				
20	256QAM	50	24	14.36	14.38	14.10	15	0		
20	256QAM	50	24	14.48	14.51	14.20				
20	256QAM	50	50	14.43	14.50	14.17				
20	256QAM	100	0	14.48	14.39	14.13				
Channel				3792.5	3800.0	3817.5				
Frequency (MHz)				2977.5	2985	2992.5				
15	QPSK	1	0	14.34	14.27	14.10	15	0		
15	QPSK	1	37	14.24	14.28	13.99				
15	QPSK	1	74	14.41	14.38	14.12				
15	QPSK	36	0	14.27	14.48	14.17				
15	QPSK	36	20	14.43	14.38	13.99	15	0		
15	QPSK	36	39	14.34	14.44	14.13				
15	QPSK	75	0	14.31	14.37	14.15				
15	16QAM	1	0	14.36	14.31	14.08	15	0		
15	16QAM	1	37	14.29	14.38	13.98				
15	16QAM	1	74	14.38	14.43	14.05				
15	16QAM	36	0	14.25	14.26	13.91				
15	16QAM	36	20	14.31	14.30	13.99	15	0		
15	16QAM	36	39	14.30	14.38	14.02				
15	16QAM	75	0	14.29	14.27	14.02				
15	64QAM	1	0	14.34	14.27	14.11				
15	64QAM	1	37	14.34	14.41	14.20	15	0		
15	64QAM	1	74	14.24	14.34	14.08				
15	64QAM	36	0	14.42	14.35	14.07				
15	64QAM	36	20	14.32	14.38	14.05	15	0		
15	64QAM	36	39	14.37	14.28	14.04				
15	64QAM	75	0	14.32	14.32	13.98				
15	256QAM	1	0	14.25	14.39	14.16				
15	256QAM	1	37	14.30	14.52	14.09	15	0		
15	256QAM	1	74	14.29	14.24	13.98				
15	256QAM	36	0	14.17	14.28	14.07				
15	256QAM	36	20	14.46	14.41	14.15	15	0		
15	256QAM	36	39	14.30	14.31	13.99				
15	256QAM	75	0	14.32	14.22	14.08				
Channel				3790.0	3800.0	3820.0				
Frequency (MHz)				2975	2995	3015				
10	QPSK	1	0	14.37	14.26	14.14	15	0		
10	QPSK	1	25	14.28	14.31	14.12				
10	QPSK	1	49	14.34	14.21	14.19				
10	QPSK	25	0	14.27	14.51	14.17				
10	QPSK	25	12	14.37	14.30	14.15	15	0		
10	QPSK	25	25	14.20	14.35	14.00				
10	QPSK	50	0	14.40	14.45	14.00				
10	16QAM	1	0	14.41	14.27	14.08				
10	16QAM	1	25	14.28	14.38	14.00	15	0		
10	16QAM	1	49	14.29	14.50	14.09				
10	16QAM	25	0	14.25	14.39	13.92				
10	16QAM	25	12	14.40	14.38	14.12	15	0		
10	16QAM	25	25	14.33	14.39	13.98				
10	16QAM	50	0	14.41	14.36	14.15				
10	64QAM	1	0	14.37	14.39	14.08				
10	64QAM	1	25	14.21	14.46	14.19	15	0		
10	64QAM	1	49	14.32	14.44	14.02				
10	64QAM	25	0	14.37	14.42	14.08				
10	64QAM	25	12	14.30	14.31	13.98	15	0		
10	64QAM	25	25	14.36	14.31	14.07				
10	64QAM	50	0	14.33	14.33	13.99				
10	256QAM	1	0	14.17	14.29	14.16				
10	256QAM	1	25	14.25	14.24	14.09	15	0		
10	256QAM	1	49	14.26	14.23	14.04				
10	256QAM	25	0	14.31	14.47	14.13	15	0		
10	256QAM	25	12	14.40	14.47	14.13				
10	256QAM	25	25	14.28	14.48	14.02				
10	256QAM	50	0	14.39	14.32	14.03				
Channel				3777.5	3800.0	3822.5				
Frequency (MHz)				2972.5	2995	3017.5				
5	QPSK	1	0	14.30	14.29	14.08	15	0		
5	QPSK	1	12	14.25	14.38	14.04				
5	QPSK	1	24	14.32	14.28	14.14				
5	QPSK	12	0	14.30	14.45	14.17				
5	QPSK	12	7	14.35	14.36	14.15	15	0		
5	QPSK	12	13	14.19	14.34	14.15				
5	QPSK	25	0	14.41	14.37	14.01				
5	16QAM	1	0	14.41	14.29	14.15				
5	16QAM	1	12	14.29	14.36	14.04	15	0		
5	16QAM	1	24	14.33	14.41	14.12				
5	16QAM	12	0	14.38	14.37	14.08				
5	16QAM	12	7	14.39	14.46	14.02	15	0		
5	16QAM	12	13	14.24	14.40	14.14				
5	16QAM	25	0	14.26	14.38	14.14				
5	64QAM	1	0	14.46	14.53	14.17				
5	64QAM	1	12	14.32	14.44	14.11	15	0		
5	64QAM	1	24	14.25	14.27	14.03				
5	64QAM	12	0	14.31	14.42	14.02				
5	64QAM	12	7	14.28	14.37	13.99	15	0		
5	64QAM	12	13	14.40	14.22	14.04				
5	64QAM	25	0	14.42	14.37	14.09				
5	256QAM	1	0	14.17	14.26	14.23				
5	256QAM	1	12	14.19	14.31	14.09	15	0		
5	256QAM	1	24	14.40	14.33	13.96				
5	256QAM	12	0	14.22	14.21	14.07				
5	256QAM	12	7	14.37	14.37	14.08	15	0		
5	256QAM	12	13	14.29	14.48	13.98				
5	256QAM	25	0	14.33	14.26	13.96				

LTE Band 41 Ant4 Main_PA DSI7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				3975.0	4018.5	4062.0				
Frequency (MHz)				2905	2949.5	2993.5				
20	QPSK	1	0	14.38	14.07	14.59	15	0		
20	QPSK	1	49	14.37	14.09	14.56				
20	QPSK	1	99	14.32	14.15	14.51				
20	QPSK	50	0	14.40	14.19	14.55	15	0		
20	QPSK	50	24	14.29	14.23	14.26				
20	QPSK	50	50	14.27	14.14	14.46				
20	QPSK	100	0	14.22	14.12	14.51				
20	16QAM	1	0	14.33	14.07	14.45	15	0		
20	16QAM	1	49	14.38	14.23	14.40				
20	16QAM	1	99	14.35	14.22	14.44				
20	16									



LTE Band 42 Ant5 Main_PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				42150	42500	42900			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	15.69	16.29	16.14	16.5	0	
20	QPSK	1	49	15.76	16.16	16.19			
20	QPSK	1	99	15.79	16.18	16.19			
20	QPSK	50	0	15.78	16.27	16.03			
20	QPSK	50	24	15.73	16.21	16.16			
20	QPSK	50	50	15.79	16.13	16.18			
20	QPSK	100	0	15.73	16.15	16.07			
20	16QAM	1	0	15.81	16.28	16.06	16.5	0	
20	16QAM	1	49	15.71	16.25	16.05			
20	16QAM	1	99	15.83	16.25	16.11			
20	16QAM	50	0	15.74	16.21	16.11			
20	16QAM	50	24	15.80	16.20	16.19			
20	16QAM	50	50	15.78	16.19	16.11			
20	16QAM	100	0	15.71	16.21	16.07			
20	64QAM	1	0	15.82	16.25	16.01	16.5	0	
20	64QAM	1	49	15.83	16.27	16.11			
20	64QAM	1	99	15.74	16.24	16.08			
20	64QAM	50	0	15.78	16.23	16.11			
20	64QAM	50	24	15.85	16.24	16.04			
20	64QAM	50	50	15.81	16.25	16.15			
20	64QAM	100	0	15.68	16.22	16.10			
20	256QAM	1	0	15.70	16.18	16.08	16.5	0	
20	256QAM	1	49	15.83	16.15	16.04			
20	256QAM	1	99	15.73	16.25	16.12			
20	256QAM	50	0	15.83	16.17	16.09			
20	256QAM	50	24	15.70	16.20	16.15			
20	256QAM	50	50	15.71	16.28	16.05			
20	256QAM	100	0	15.68	16.22	16.10			
Channel				42165	42500	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3467.5	3500	3542.5			
15	QPSK	1	0	15.65	16.15	15.99	16.5	0	
15	QPSK	1	37	15.68	16.12	16.13			
15	QPSK	1	74	15.77	16.02	16.14			
15	QPSK	36	0	15.75	16.15	15.94			
15	QPSK	36	20	15.82	16.05	16.13			
15	QPSK	36	39	15.72	15.96	16.16			
15	QPSK	75	0	15.71	16.13	16.00			
15	16QAM	1	0	15.74	16.25	15.93	16.5	0	
15	16QAM	1	37	15.84	16.24	15.88			
15	16QAM	1	74	15.80	16.11	16.07			
15	16QAM	36	0	15.70	16.19	15.93			
15	16QAM	36	20	15.70	16.02	16.18			
15	16QAM	36	39	15.73	16.18	16.08			
15	16QAM	75	0	15.69	16.02	15.94			
15	64QAM	1	0	15.75	16.14	15.97	16.5	0	
15	64QAM	1	37	15.65	16.16	16.02			
15	64QAM	1	74	15.64	16.14	16.02			
15	64QAM	36	0	15.68	16.09	15.99			
15	64QAM	36	20	15.67	16.14	15.87			
15	64QAM	36	39	15.69	16.23	15.96			
15	64QAM	75	0	15.65	16.04	16.06			
15	256QAM	1	0	15.57	16.09	15.98	16.5	0	
15	256QAM	1	37	15.80	16.01	15.88			
15	256QAM	1	74	15.59	16.22	16.09			
15	256QAM	36	0	15.76	16.01	15.96			
15	256QAM	36	20	15.61	16.18	16.13			
15	256QAM	36	39	15.56	16.26	15.89			
15	256QAM	75	0	15.60	16.20	15.96			
Channel				42140	42500	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	15.99	16.11	16.01	16.5	0	
10	QPSK	1	25	15.69	15.99	16.15			
10	QPSK	1	49	15.68	16.00	16.05			
10	QPSK	25	0	15.70	16.16	15.96			
10	QPSK	25	12	15.62	16.03	16.01			
10	QPSK	25	25	15.68	15.96	16.07			
10	QPSK	50	0	15.67	16.02	16.01			
10	16QAM	1	0	15.64	16.19	15.94	16.5	0	
10	16QAM	1	25	15.84	16.18	15.95			
10	16QAM	1	49	15.68	16.18	15.96			
10	16QAM	25	0	15.59	16.14	16.10			
10	16QAM	25	12	15.66	16.12	16.01			
10	16QAM	25	25	15.59	16.13	15.95			
10	16QAM	50	0	15.67	16.06	15.97			
10	64QAM	1	0	15.65	16.23	15.85	16.5	0	
10	64QAM	1	25	15.76	16.21	16.09			
10	64QAM	1	49	15.65	16.20	16.04			
10	64QAM	25	0	15.68	16.18	16.00			
10	64QAM	25	12	15.69	16.21	15.87			
10	64QAM	25	25	15.78	16.17	16.08			
10	64QAM	50	0	15.65	16.12	15.97			
10	256QAM	1	0	15.56	16.15	16.03	16.5	0	
10	256QAM	1	25	15.77	16.04	15.98			
10	256QAM	1	49	15.62	16.14	15.97			
10	256QAM	25	0	15.74	16.08	15.97			
10	256QAM	25	12	15.63	16.04	15.98			
10	256QAM	25	25	15.62	16.10	15.87			
10	256QAM	50	0	15.58	16.08	15.96			
Channel				42115	42500	43005	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.5	3500	3547.5			
5	QPSK	1	0	15.67	16.15	16.06	16.5	0	
5	QPSK	1	12	15.71	16.02	16.06			
5	QPSK	1	24	15.67	16.06	16.04			
5	QPSK	12	0	15.68	16.23	16.00			
5	QPSK	12	7	15.68	16.19	16.02			
5	QPSK	12	13	15.67	15.97	16.17			
5	QPSK	25	0	15.61	16.04	15.99			
5	16QAM	1	0	15.72	16.10	15.92	16.5	0	
5	16QAM	1	12	15.67	16.20	15.92			
5	16QAM	1	24	15.81	16.12	16.02			
5	16QAM	12	0	15.61	16.25	15.99			
5	16QAM	12	7	15.69	16.06	16.11			
5	16QAM	12	13	15.68	16.06	16.03			
5	16QAM	25	0	15.64	16.07	15.97			
5	64QAM	1	0	15.72	16.10	15.87	16.5	0	
5	64QAM	1	12	15.75	16.20	16.09			
5	64QAM	1	24	15.68	16.08	15.90			
5	64QAM	12	0	15.75	16.12	16.04			
5	64QAM	12	7	15.68	16.16	15.89			
5	64QAM	12	13	15.74	16.19	16.09			
5	64QAM	25	0	15.67	16.20	15.98			
5	256QAM	1	0	15.54	16.15	15.91	16.5	0	
5	256QAM	1	12	15.80	16.05	16.02			
5	256QAM	1	24	15.62	16.15	16.07			
5	256QAM	12	0	15.70	16.01	16.02			
5	256QAM	12	7	15.65	16.17	16.04			
5	256QAM	12	13	15.63	16.24	15.90			
5	256QAM	25	0	15.68	16.16	15.95			



Reduced Power Mode for DSI 7_Other PA

LTE Band 38 Ant1 Other_PA DSI7												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.29	20.45	20.26	22	0				
20	QPSK	1	49	20.32	20.41	20.23						
20	QPSK	1	99	20.33	20.44	20.25						
20	QPSK	50	0	20.30	20.41	20.27	22	0				
20	QPSK	50	24	20.33	20.37	20.37						
20	QPSK	50	50	20.16	20.37	20.39						
20	QPSK	100	0	20.27	20.35	20.30	22	0				
20	16QAM	1	0	20.25	20.34	20.36						
20	16QAM	1	49	20.26	20.44	20.38						
20	16QAM	1	99	20.25	20.39	20.37	22	0				
20	16QAM	50	0	20.34	20.35	20.28						
20	16QAM	50	24	20.19	20.40	20.26						
20	16QAM	50	50	20.24	20.30	20.36	22	0				
20	16QAM	100	0	20.18	20.33	20.32						
20	16QAM	1	0	20.28	20.32	20.38						
20	64QAM	1	49	20.32	20.33	20.28	22	0				
20	64QAM	1	99	20.31	20.35	20.33						
20	64QAM	50	0	19.21	19.33	19.25						
20	64QAM	50	24	19.25	19.36	19.37	21	1				
20	64QAM	50	50	19.29	19.37	19.29						
20	64QAM	100	0	19.25	19.43	19.25						
20	256QAM	1	0	17.32	17.44	17.39	19	3				
20	256QAM	1	49	17.27	17.29	17.34						
20	256QAM	1	99	17.22	17.39	17.24						
20	256QAM	50	0	17.29	17.36	17.39	19	3				
20	256QAM	50	24	17.33	17.33	17.29						
20	256QAM	50	50	17.32	17.39	17.28						
20	256QAM	100	0	17.17	17.43	17.34	22	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	20.26	20.37	20.23	22	0				
15	QPSK	1	37	20.28	20.38	20.14						
15	QPSK	1	74	20.27	20.40	20.16						
15	QPSK	36	0	20.16	20.18	20.14	22	0				
15	QPSK	36	20	20.17	20.19	20.21						
15	QPSK	36	39	20.05	20.21	20.36						
15	QPSK	75	0	20.20	20.11	20.23	22	0				
15	16QAM	1	0	20.19	20.20	20.24						
15	16QAM	1	37	20.10	20.28	20.25						
15	16QAM	1	74	20.15	20.21	20.25	22	0				
15	16QAM	36	0	20.29	20.19	20.11						
15	16QAM	36	20	20.06	20.27	20.20						
15	16QAM	36	39	20.11	20.27	20.23	22	0				
15	16QAM	75	0	20.07	20.27	20.24						
15	64QAM	1	0	20.14	20.15	20.33						
15	64QAM	1	37	20.26	20.32	20.11	22	0				
15	64QAM	1	74	20.17	20.34	20.32						
15	64QAM	36	0	19.04	19.15	19.21						
15	64QAM	36	20	19.19	19.26	19.34	21	1				
15	64QAM	36	39	19.20	19.20	19.11						
15	64QAM	75	0	19.12	19.25	19.16						
15	256QAM	1	0	17.18	17.34	17.34	19	3				
15	256QAM	1	37	17.20	17.12	17.29						
15	256QAM	1	74	17.08	17.29	17.19						
15	256QAM	36	0	17.28	17.34	17.27	19	3				
15	256QAM	36	20	17.16	17.18	17.23						
15	256QAM	36	39	17.17	17.34	17.22						
15	256QAM	75	0	17.09	17.28	17.28	22	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	20.26	20.39	20.12	22	0				
10	QPSK	1	25	20.16	20.35	20.04						
10	QPSK	1	49	20.19	20.30	20.18						
10	QPSK	25	0	20.28	20.21	20.13	22	0				
10	QPSK	25	12	20.21	20.22	20.23						
10	QPSK	25	25	20.10	20.20	20.31						
10	QPSK	50	0	20.24	20.19	20.12	22	0				
10	16QAM	1	0	20.18	20.29	20.27						
10	16QAM	1	25	20.13	20.31	20.20						
10	16QAM	1	49	20.09	20.36	20.35	22	0				
10	16QAM	25	0	20.29	20.24	20.21						
10	16QAM	25	12	20.16	20.39	20.08						
10	16QAM	25	25	20.08	20.14	20.29	22	0				
10	16QAM	50	0	20.04	20.23	20.24						
10	64QAM	1	0	20.19	20.27	20.29						
10	64QAM	1	25	20.25	20.24	20.23	22	0				
10	64QAM	1	49	20.29	20.27	20.26						
10	64QAM	25	0	19.09	19.29	19.08						
10	64QAM	25	12	19.15	19.22	19.23	21	0.5				
10	64QAM	25	25	19.10	19.21	19.24						
10	64QAM	50	0	19.15	19.28	19.23						
10	256QAM	1	0	17.22	17.36	17.26	19	3				
10	256QAM	1	25	17.10	17.15	17.16						
10	256QAM	1	49	17.14	17.23	17.15						
10	256QAM	25	0	17.27	17.29	17.24	19	3				
10	256QAM	25	12	17.18	17.29	17.11						
10	256QAM	25	25	17.21	17.32	17.19						
10	256QAM	50	0	17.07	17.28	17.16	22	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	20.20	20.37	20.17	22	0				
5	QPSK	1	12	20.25	20.25	20.14						
5	QPSK	1	24	20.30	20.37	20.21						
5	QPSK	12	0	20.29	20.24	20.13	22	0				
5	QPSK	12	7	20.15	20.27	20.21						
5	QPSK	12	13	20.09	20.30	20.31						
5	QPSK	25	0	20.17	20.18	20.11	22	0				
5	16QAM	1	0	20.12	20.21	20.26						
5	16QAM	1	12	20.10	20.38	20.28						
5	16QAM	1	24	20.11	20.36	20.18	22	0				
5	16QAM	12	0	20.16	20.30	20.15						
5	16QAM	12	7	20.08	20.22	20.17						
5	16QAM	12	13	20.22	20.22	20.22	22	0				
5	16QAM	25	0	20.08	20.25	20.22						
5	64QAM	1	0	20.25	20.13	20.36						
5	64QAM	1	12	20.28	20.25	20.18	22	0				
5	64QAM	1	24	20.24	20.21	20.22						
5	64QAM	12	0	19.18	19.30	19.23						
5	64QAM	12	7	19.18	19.34	19.25	21	1				
5	64QAM	12	13	19.13	19.30	19.15						
5	64QAM	25	0	19.10	19.25	19.09						
5	256QAM	1	0	17.20	17.29	17.20	19	3				
5	256QAM	1	12	17.20	17.18	17.18						
5	256QAM	1	24	17.18	17.20	17.19						
5	256QAM	12	0	17.17	17.23	17.22	19	3				
5	256QAM	12	7	17.32	17.29	17.13						
5	256QAM	12	13	17.13	17.22	17.10						
5	256QAM	25	0	17.04	17.31	17.20	22	0				

LTE Band 41 Ant1 Other_PA DSI7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.63	19.90	20.11	21.5	0		
20	QPSK	1	49	19.56	20.00	19.97				
20	QPSK	1	99	19.65	19.91	20.00				
20	QPSK	50	0	19.64	19.94	20.05	21.5	0		
20	QPSK	50	24	19.58	19.83	20.04				
20	QPSK	50	50	19.65	19.96	19.94				
20	QPSK	100	0	19.65	19.95	19.95	21.5	0		
20	16QAM	1	0	19.61	19.96	20.00				
20	16QAM	1	49	19.60	20.00	20.00				
20	16QAM	1	99	19.61	19.92	19.91	21.5	0		
20	16QAM	50	0	19.57	19.98	20.06				
20	16QAM	50	24	19.72	19.96	20.03				
20	16QAM	50	50	19.69	19.92	19.91	21.5	0		
20	16QAM	100	0	19.73	19.84	19.90				
20	64QAM	1	0	19.59	19.85	19.96				
20	64QAM	1	49	19.70	19.83	20.07	21.5	0		
20	64QAM	1	99	19.58	19.90	19.95				
20	64QAM	50	0	19.13	19.46	19.41				
20	64QAM	50	24	19.12	19.42	19.46	21	0.5		
20	64QAM	50	50	19.07	19.42	19.46				
20	64QAM	100	0	19.08	19.46					



n2 Ant0 Main_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.84	23.35	23.31		
20	PI/2 BPSK	1	53	22.86	23.24	23.16	24.0	0.0
20	PI/2 BPSK	1	104	22.78	23.28	23.33		
20	PI/2 BPSK	50	0	22.36	22.78	22.79	23.5	0.5
20	PI/2 BPSK	50	28	22.88	23.22	23.21	24.0	0.0
20	PI/2 BPSK	50	56	22.31	22.88	22.79		
20	PI/2 BPSK	100	0	22.38	22.76	22.71	23.5	0.5
20	QPSK	1	1	22.94	23.40	23.35		
20	QPSK	1	53	22.84	23.24	23.20	24.0	0.0
20	QPSK	1	104	22.90	23.27	23.33		
20	QPSK	50	0	21.97	22.49	22.32	23.0	1.0
20	QPSK	50	28	22.92	23.27	23.18	24.0	0.0
20	QPSK	50	56	21.87	22.37	22.44		
20	QPSK	100	0	21.99	22.45	22.42	23.0	1.0
20	16QAM	1	1	21.85	22.48	22.42	23.0	1.0
20	64QAM	1	1	20.39	20.88	20.85	21.5	2.5
20	256QAM	1	1	18.45	18.83	18.88	19.5	4.5
Channel				371500	376000	380500		MPR
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	23.27	23.31	24.0	0.0
Channel				371000	376000	381000		MPR
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.86	23.27	23.22	24.0	0.0
Channel				370500	376000	381500		MPR
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.83	23.38	23.33	24.0	0.0

Full&Default Power Mode

n5 Ant0 Main_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.92	22.96	22.83		
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0
20	PI/2 BPSK	1	104	22.88	22.89	22.93		
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.51	22.46		
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5
20	QPSK	1	1	23.01	23.06	22.98		
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0
20	QPSK	1	104	22.89	23.05	22.82		
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0
20	QPSK	50	56	22.06	22.09	21.97		
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5
Channel				166300	167300	168300		MPR
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0
Channel				165800	167300	168800		MPR
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0
Channel				165300	167300	169300		MPR
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0

n26 Ant0 Main_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.14	23.18	22.99		
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0
20	PI/2 BPSK	1	104	23.03	22.98	23.08		
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0
20	PI/2 BPSK	50	56	22.77	22.64	22.59		
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5
20	QPSK	1	1	23.25	23.28	23.14		
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0
20	QPSK	1	104	23.05	23.28	22.93		
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0
20	QPSK	50	56	22.20	22.24	22.18		
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5
Channel				164300	166300	168300		MPR
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0
Channel				163800	166300	168800		MPR
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0
Channel				163300	166300	169300		MPR
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0



n66 Ant0 Main_PA

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	22.35	22.54	22.36		
40	PV2 BPSK	1	108	22.38	22.56	22.43	24.0	0.0
40	PV2 BPSK	1	214	22.44	22.57	22.46		
40	PV2 BPSK	108	0	21.94	22.02	21.86	23.5	0.5
40	PV2 BPSK	108	54	22.40	22.62	22.36	24.0	0.0
40	PV2 BPSK	108	108	21.98	22.12	21.82		
40	PV2 BPSK	216	0	21.98	22.14	21.89	23.5	0.5
40	QPSK	1	1	22.51	22.71	22.49		
40	QPSK	1	108	22.36	22.53	22.33	24.0	0.0
40	QPSK	1	214	22.41	22.54	22.46		
40	QPSK	108	0	21.50	21.70	21.53	23.0	1.0
40	QPSK	108	54	22.36	22.64	22.32	24.0	0.0
40	QPSK	108	108	21.56	21.65	21.56		
40	QPSK	216	0	21.47	21.76	21.51	23.0	1.0
40	16QAM	1	1	21.51	21.64	21.44	23.0	1.0
40	64QAM	1	1	20.05	20.25	20.00	21.5	2.5
40	256QAM	1	1	18.08	18.26	17.97	19.5	4.5
Channel				345000	349000	353000	19.5	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.50	22.69	22.44	24.0	0.0
Channel				344500	349000	353500	19.5	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.35	22.62	22.33	24.0	0.0
Channel				344000	349000	354000	19.5	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.63	22.33	24.0	0.0
Channel				343500	349000	354500	19.5	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.66	22.42	24.0	0.0
Channel				343000	349000	355000	19.5	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.50	22.57	22.32	24.0	0.0
Channel				342500	349000	355500	19.5	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.39	22.63	22.40	24.0	0.0



n7 Ant1 Main_PA

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel	505000	507000	509000					
Frequency (MHz)	2525	2535	2545					
50	PI/2 BPSK	1	1	23.01	23.14	23.11		
50	PI/2 BPSK	1	135	23.02	22.99	23.10	24.0	0.0
50	PI/2 BPSK	1	268	22.95	23.10	23.21		
50	PI/2 BPSK	135	0	22.50	22.56	22.56	23.5	0.5
50	PI/2 BPSK	135	68	23.05	23.12	23.12	24.0	0.0
50	PI/2 BPSK	135	135	22.41	22.57	22.62		
50	PI/2 BPSK	270	0	22.54	22.50	22.57	23.5	0.5
50	QPSK	1	1	23.07	23.25	23.13		
50	QPSK	1	135	22.89	23.07	23.06	24.0	0.0
50	QPSK	1	268	23.02	23.01	23.20		
50	QPSK	135	0	22.12	22.08	22.28	23.0	1.0
50	QPSK	135	68	22.99	23.18	23.17	24.0	0.0
50	QPSK	135	135	21.98	22.09	22.25		
50	QPSK	270	0	22.06	22.21	22.20	23.0	1.0
50	16QAM	1	1	22.05	22.14	22.15	23.0	1.0
50	64QAM	1	1	20.64	20.72	20.69	21.5	2.5
50	256QAM	1	1	18.59	18.64	18.66	19.5	4.5
Channel	504000	507000	510000					
Frequency (MHz)	2520	2535	2550					
40	QPSK	1	1	22.92	23.05	23.02	24.0	0.0
Channel	503000	507000	511000					
Frequency (MHz)	2515	2535	2555					
30	QPSK	1	1	22.85	22.94	23.00	24.0	0.0
Channel	502500	507000	511500					
Frequency (MHz)	2512.5	2535	2557.5					
25	QPSK	1	1	22.97	23.05	23.11	24.0	0.0
Channel	502000	507000	512000					
Frequency (MHz)	2510	2535	2560					
20	PI/2 BPSK	1	1	22.88	23.06	23.05	24.0	0.0
Channel	501500	507000	512500					
Frequency (MHz)	2507.5	2535	2562.5					
15	QPSK	1	1	22.85	22.95	23.03	24.0	0.0
Channel	501000	507000	513000					
Frequency (MHz)	2505	2535	2565					
10	QPSK	1	1	22.92	22.92	23.05	24.0	0.0
Channel	500500	507000	513500					
Frequency (MHz)	2502.5	2535	2567.5					
5	QPSK	1	1	22.85	22.96	23.16	24.0	0.0



n2 Ant4 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	20.09	20.48	20.16	22.0	0.0	
20	PI/2 BPSK	1	53	20.09	20.58	20.17			
20	PI/2 BPSK	1	104	20.01	20.43	20.06			
20	PI/2 BPSK	50	0	19.65	20.11	19.67	21.5	0.5	
20	PI/2 BPSK	50	28	20.03	20.41	20.18	22.0	0.0	
20	PI/2 BPSK	50	56	19.79	20.14	19.76			
20	PI/2 BPSK	100	0	19.68	20.18	19.83	21.5	0.5	
20	QPSK	1	1	20.21	20.64	20.25			
20	QPSK	1	53	20.17	20.61	20.12	22.0	0.0	
20	QPSK	1	104	20.05	20.57	20.20			
20	QPSK	50	0	19.30	19.67	19.24	21.0	1.0	
20	QPSK	50	28	20.14	20.56	20.07	22.0	0.0	
20	QPSK	50	56	19.20	19.59	19.18			
20	QPSK	100	0	19.29	19.73	19.18	21.0	1.0	
20	16QAM	1	1	19.30	19.70	19.20	21.0	1.0	
20	64QAM	1	1	17.69	18.08	17.67	19.5	2.5	
20	256QAM	1	1	15.79	16.08	15.83	17.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.07	20.61	20.09	22.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	20.16	20.62	20.13	22.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.19	20.58	20.13	22.0	0.0	

n66 Ant4 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	20.23	21.14	20.54			
40	PI/2 BPSK	1	108	20.10	20.97	20.54	22.0	0.0	
40	PI/2 BPSK	1	214	20.23	21.02	20.47			
40	PI/2 BPSK	108	0	19.79	20.66	20.03	21.5	0.5	
40	PI/2 BPSK	108	54	20.11	20.99	20.49	22.0	0.0	
40	PI/2 BPSK	108	108	19.81	20.58	20.07			
40	PI/2 BPSK	216	0	19.82	20.60	20.18	21.5	0.5	
40	QPSK	1	1	20.28	21.15	20.61			
40	QPSK	1	108	20.20	21.09	20.44	22.0	0.0	
40	QPSK	1	214	20.13	21.10	20.54			
40	QPSK	108	0	19.33	20.13	19.58	21.0	1.0	
40	QPSK	108	54	20.18	21.10	20.49	22.0	0.0	
40	QPSK	108	108	19.28	20.23	19.56			
40	QPSK	216	0	19.26	20.14	19.54	21.0	1.0	
40	16QAM	1	1	19.22	20.09	19.65	21.0	1.0	
40	64QAM	1	1	17.70	18.70	18.14	19.5	2.5	
40	256QAM	1	1	15.73	16.72	16.06	17.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.22	21.08	20.56	22.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.24	21.07	20.44	22.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.22	21.11	20.43	22.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.09	21.12	20.55	22.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.12	21.04	20.60	22.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.10	20.97	20.57	22.0	0.0	



n38 Ant4 Main_PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.89	22.89	22.76	24.0	0.0	
40	PI/2 BPSK	1	53	22.75	22.95	22.48			
40	PI/2 BPSK	1	104	22.75	23.00	22.73			
40	PI/2 BPSK	50	0	22.41	22.51	22.17	23.5	0.5	
40	PI/2 BPSK	50	28	22.61	22.98	22.58	24.0	0.0	
40	PI/2 BPSK	50	56	22.29	22.54	22.18			
40	PI/2 BPSK	100	0	22.43	22.53	22.33	23.5	0.5	
40	QPSK	1	1	22.78	23.10	22.71			
40	QPSK	1	53	22.85	23.13	22.98	24.0	0.0	
40	QPSK	1	104	22.67	22.79	22.65			
40	QPSK	50	0	21.72	21.87	21.74	23.0	1.0	
40	QPSK	50	28	22.79	22.81	22.49	24.0	0.0	
40	QPSK	50	56	21.75	21.83	21.63			
40	QPSK	100	0	21.85	22.12	21.77	23.0	1.0	
40	16QAM	1	1	21.59	22.12	21.64	23.0	1.0	
40	64QAM	1	1	20.29	20.47	20.24	21.5	2.5	
40	256QAM	1	1	18.20	18.44	18.24	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	24.0	0.0	
30	QPSK	1	1	22.63	22.93	22.76	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48	24.0	0.0	
25	QPSK	1	1	22.75	22.90	22.59	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2550	2595	2610	24.0	0.0	
20	QPSK	1	1	22.78	22.91	22.90	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.0	0.0	
15	QPSK	1	1	22.79	23.02	22.78	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	24.0	0.0	
10	QPSK	1	1	22.79	22.96	22.70	24.0	0.0	

n41 Ant4 Main_PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.38	23.11	22.33			
100	PI/2 BPSK	1	137	22.61	23.10	22.14	24.0	0.0	
100	PI/2 BPSK	1	271	22.40	23.03	22.21			
100	PI/2 BPSK	135	0	21.97	22.67	21.77	23.5	0.5	
100	PI/2 BPSK	135	69	22.46	22.98	22.18	24.0	0.0	
100	PI/2 BPSK	135	138	22.04	22.68	21.87			
100	PI/2 BPSK	270	0	22.01	22.74	21.79	23.5	0.5	
100	QPSK	1	1	22.42	23.01	22.29			
100	QPSK	1	137	22.72	23.18	22.39	24.0	0.0	
100	QPSK	1	271	22.63	23.10	22.25			
100	QPSK	135	0	21.60	22.15	21.47	23.0	1.0	
100	QPSK	135	69	22.45	23.06	22.24	24.0	0.0	
100	QPSK	135	138	21.45	22.20	21.27			
100	QPSK	270	0	21.46	22.11	21.39	23.0	1.0	
100	16QAM	1	1	21.54	22.05	21.26	23.0	1.0	
100	64QAM	1	1	19.90	20.54	19.88	21.5	2.5	
100	256QAM	1	1	17.93	18.62	17.79	19.5	4.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	1	22.58	23.01	22.25	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	24.0	0.0	
80	QPSK	1	1	22.63	23.05	22.32	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	24.0	0.0	
70	QPSK	1	1	22.62	23.12	22.30	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.99	24.0	0.0	
60	QPSK	1	1	22.68	23.08	22.37	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	24.0	0.0	
50	QPSK	1	1	22.54	23.08	22.35	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	1	22.64	23.06	22.33	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	1	22.58	23.03	22.27	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	1	22.66	23.10	22.25	24.0	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	1	22.56	23.01	22.21	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	24.0	0.0	
10	QPSK	1	1	22.55	23.16	22.30	24.0	0.0	



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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)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pl/2 BPSK	1	1		22.95			
100	Pl/2 BPSK	1	137		23.19		24.0	0.0
100	Pl/2 BPSK	1	271		22.97			
100	Pl/2 BPSK	135	0		22.97		24.0	0.0
100	Pl/2 BPSK	135	69		23.13		24.0	0.0
100	Pl/2 BPSK	135	138		22.98			
100	Pl/2 BPSK	270	0		23.00		24.0	0.0
100	QPSK	1	1		22.91			
100	QPSK	1	137		23.13		24.0	0.0
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.93		24.0	0.0
100	QPSK	135	69		22.92		24.0	0.0
100	QPSK	135	138		22.93			
100	QPSK	270	0		23.01		24.0	0.0
100	16QAM	1	1		23.03		24.0	0.0
100	64QAM	1	1		23.00		24.0	0.0
100	256QAM	1	1		22.91		24.0	0.0
Channel				630000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.83	22.84	22.94	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.15	23.18	23.12	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.01	22.91	22.98	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.01	23.05	23.07	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	22.91	22.95	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.01	23.11	23.06	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.98	22.98	22.87	24.0	0.0
Channel				630834	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.04	22.95	22.96	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.09	22.94	22.99	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.87	22.95	23.02	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.02	22.93	22.92	24.0	0.0



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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)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	23.60				
100	Pl/2 BPSK	1	137	23.49			24.0	0.0
100	Pl/2 BPSK	1	271	23.45				
100	Pl/2 BPSK	135	0	23.10			23.5	0.5
100	Pl/2 BPSK	135	69	22.67			24.0	0.0
100	Pl/2 BPSK	135	138	23.18			23.5	0.5
100	Pl/2 BPSK	270	0	23.21				
100	QPSK	1	1	23.46				
100	QPSK	1	137	23.67			24.0	0.0
100	QPSK	1	271	23.41				
100	QPSK	135	0	22.66			23.0	1.0
100	QPSK	135	69	23.41			24.0	0.0
100	QPSK	135	138	22.63			23.0	1.0
100	QPSK	270	0	22.65				
100	16QAM	1	1	22.61			23.0	1.0
100	64QAM	1	1	21.05			21.5	2.5
100	256QAM	1	1	18.03			19.5	4.5
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.49	23.53	23.60	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.65	23.48	23.61	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.90	23.57	23.57	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.99	23.57	23.55	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.63	23.58	23.57	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.59	23.58	23.66	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.50	23.54	23.62	24.0	0.0
Channel				630634	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.64	23.55	23.59	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.57	23.57	23.55	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.56	23.60	23.58	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.55	23.60	24.0	0.0



Part27Q n78 Ant2 Main_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	23.11				
100	Pl/2 BPSK	1	137	23.22			24.0	0.0
100	Pl/2 BPSK	1	271	23.01				
100	Pl/2 BPSK	135	0	23.01			24.0	0.0
100	Pl/2 BPSK	135	69	23.20			24.0	0.0
100	Pl/2 BPSK	135	138	23.05				
100	Pl/2 BPSK	270	0	23.11			24.0	0.0
100	QPSK	1	1	23.08				
100	QPSK	1	137	23.15			24.0	0.0
100	QPSK	1	271	23.05				
100	QPSK	135	0	23.11			24.0	0.0
100	QPSK	135	69	23.11			24.0	0.0
100	QPSK	135	138	23.06				
100	QPSK	270	0	23.11			24.0	0.0
100	16QAM	1	1	23.05			24.0	0.0
100	64QAM	1	1	23.06			24.0	0.0
100	256QAM	1	1	23.08			24.0	0.0
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.08	23.13	23.17	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.10	23.11	23.07	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.16	23.05	23.19	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.12	23.06	23.12	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.10	23.05	23.09	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.18	23.11	23.07	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.02	23.11	23.14	24.0	0.0
Channel				630834	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.04	23.15	23.17	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.01	23.10	23.12	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.07	23.08	23.18	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.13	23.12	23.18	24.0	0.0



Part27Q n78 Ant8 Main_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1		22.58			
100	Pl/2 BPSK	1	137		22.89		24.0	0.0
100	Pl/2 BPSK	1	271		22.63			
100	Pl/2 BPSK	135	0		22.64		23.5	0.5
100	Pl/2 BPSK	135	69		22.86		24.0	0.0
100	Pl/2 BPSK	135	138		22.69		23.5	0.5
100	Pl/2 BPSK	270	0		22.68			
100	QPSK	1	1		22.58			
100	QPSK	1	137		22.85		24.0	0.0
100	QPSK	1	271		22.76			
100	QPSK	135	0		22.59		23.0	1.0
100	QPSK	135	69		22.58		24.0	0.0
100	QPSK	135	138		22.67		23.0	1.0
100	QPSK	270	0		22.73			
100	16QAM	1	1		22.66		23.0	1.0
100	64QAM	1	1		22.65		21.5	2.5
100	256QAM	1	1		22.66		19.5	4.5
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.53	22.60	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.61	22.52	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.55	22.82	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.50	22.66	22.83	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.65	22.58	22.65	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.52	22.56	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.80	22.79	22.75	24.0	0.0
Channel				630834	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.72	22.71	22.60	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.61	22.44	22.52	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.59	22.60	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.62	22.56	22.45	24.0	0.0



n2 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.61	22.67	22.66		
20	PI/2 BPSK	1	53	22.53	22.61	22.58	24.0	0.0
20	PI/2 BPSK	1	104	22.55	22.56	22.47		
20	PI/2 BPSK	50	0	22.12	22.13	22.04	23.5	0.5
20	PI/2 BPSK	50	28	22.62	22.71	22.61	24.0	0.0
20	PI/2 BPSK	50	56	22.04	22.15	22.11		
20	PI/2 BPSK	100	0	22.14	22.18	22.11	23.5	0.5
20	QPSK	1	1	22.63	22.78	22.71		
20	QPSK	1	53	22.67	22.71	22.63	24.0	0.0
20	QPSK	1	104	22.63	22.69	22.66		
20	QPSK	50	0	22.03	22.08	22.06	23.0	1.0
20	QPSK	50	28	22.58	22.68	22.62	24.0	0.0
20	QPSK	50	56	22.07	22.12	22.06		
20	QPSK	100	0	22.03	22.13	22.06	23.0	1.0
20	16QAM	1	1	21.11	21.15	21.04	23.0	1.0
20	64QAM	1	x	20.58	20.68	20.62	21.5	2.5
20	256QAM	1	1	19.36	19.44	19.35	19.5	4.5
Channel				371500	376000	380500	MPR	
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.42	22.72	22.60	24.0	0.0
Channel				371000	376000	381000	MPR	
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.50	22.67	22.63	24.0	0.0
Channel				370500	376000	381500	MPR	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.45	22.66	22.61	24.0	0.0

Full&Default&DSI4 Power Mode Other PA

n7 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.92	23.00	22.91		
50	PI/2 BPSK	1	135	22.82	22.85	22.78	24.0	0.0
50	PI/2 BPSK	1	268	22.88	22.94	22.86		
50	PI/2 BPSK	135	0	22.26	22.36	22.26	23.5	0.5
50	PI/2 BPSK	135	68	22.94	23.01	22.94	24.0	0.0
50	PI/2 BPSK	135	135	22.24	22.31	22.26		
50	PI/2 BPSK	270	0	22.32	22.39	22.32	23.5	0.5
50	QPSK	1	1	22.98	23.15	23.07		
50	QPSK	1	135	23.03	23.06	23.04	24.0	0.0
50	QPSK	1	268	23.01	23.06	23.04		
50	QPSK	135	0	22.44	22.49	22.43	23.0	1.0
50	QPSK	135	68	23.03	23.05	23.04	24.0	0.0
50	QPSK	135	135	22.24	22.34	22.32		
50	QPSK	270	0	22.42	22.44	22.35	23.0	1.0
50	16QAM	1	1	22.46	22.49	22.44	23.0	1.0
50	64QAM	1	1	21.08	21.12	21.08	21.5	2.5
50	256QAM	1	1	19.23	19.39	19.19	19.5	4.5
Channel				504000	507000	510000	MPR	
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.87	23.14	23.00	24.0	0.0
Channel				503000	507000	511000	MPR	
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.95	23.07	22.99	24.0	0.0
Channel				502000	507000	511500	MPR	
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.88	23.06	23.02	24.0	0.0
Channel				502000	507000	512000	MPR	
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.87	23.05	23.05	24.0	0.0
Channel				501500	507000	512500	MPR	
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.96	23.07	22.98	24.0	0.0
Channel				501000	507000	513000	MPR	
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	23.09	22.99	24.0	0.0
Channel				500500	507000	513500	MPR	
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.95	23.07	22.98	24.0	0.0

n66 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.29	22.29	22.15		
40	PI/2 BPSK	1	108	22.31	22.41	22.42	24.0	0.0
40	PI/2 BPSK	1	214	22.41	22.36	22.44		
40	PI/2 BPSK	108	0	22.05	22.14	22.05	23.5	0.5
40	PI/2 BPSK	108	54	22.30	22.41	22.36	24.0	0.0
40	PI/2 BPSK	108	108	22.24	22.33	22.23		
40	PI/2 BPSK	216	0	22.41	22.43	22.33	23.5	0.5
40	QPSK	1	1	22.30	22.45	22.41		
40	QPSK	1	108	22.38	22.33	22.35	24.0	0.0
40	QPSK	1	214	22.41	22.44	22.43		
40	QPSK	108	0	22.09	22.16	22.13	23.0	1.0
40	QPSK	108	54	22.28	22.41	22.23	24.0	0.0
40	QPSK	108	108	22.28	22.39	22.29		
40	QPSK	216	0	22.28	22.36	22.33	23.0	1.0
40	16QAM	1	1	21.39	21.46	21.40	23.0	1.0
40	64QAM	1	1	21.05	21.12	21.06	21.5	2.5
40	256QAM	1	1	19.46	19.48	19.43	19.5	4.5
Channel				345000	349000	353000	MPR	
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.24	22.37	22.35	24.0	0.0
Channel				344500	349000	353500	MPR	
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.22	22.34	22.38	24.0	0.0
Channel				344000	349000	354000	MPR	
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.27	22.36	22.35	24.0	0.0
Channel				343500	349000	354500	MPR	
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.19	22.41	22.40	24.0	0.0
Channel				343000	349000	355000	MPR	
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.27	22.38	22.35	24.0	0.0
Channel				342500	349000	355500	MPR	
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.21	22.36	22.33	24.0	0.0



Reduced Power Mode for DSI2

n2 Ant0 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.84	23.35	23.31			
20	PI/2 BPSK	1	53	22.86	23.24	23.16	24.0	0.0	
20	PI/2 BPSK	1	104	22.78	23.28	23.33			
20	PI/2 BPSK	50	0	22.36	22.78	22.79	23.5	0.5	
20	PI/2 BPSK	50	28	22.88	23.22	23.21	24.0	0.0	
20	PI/2 BPSK	50	56	22.31	22.88	22.79			
20	PI/2 BPSK	100	0	22.38	22.76	22.71	23.5	0.5	
20	QPSK	1	1	22.94	23.40	23.35			
20	QPSK	1	53	22.84	23.24	23.20	24.0	0.0	
20	QPSK	1	104	22.90	23.27	23.33			
20	QPSK	50	0	21.97	22.49	22.32	23.0	1.0	
20	QPSK	50	28	22.92	23.27	23.18	24.0	0.0	
20	QPSK	50	56	21.87	22.37	22.44			
20	QPSK	100	0	21.99	22.45	22.42	23.0	1.0	
20	16QAM	1	1	21.85	22.48	22.42	23.0	1.0	
20	64QAM	1	1	20.39	20.88	20.85	21.5	2.5	
20	256QAM	1	1	18.45	18.83	18.88	19.5	4.5	
Channel				371500	376000	380500			MPR
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	22.83	23.27	23.31	24.0	0.0	
Channel				371000	376000	381000			MPR
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.86	23.27	23.22	24.0	0.0	
Channel				370500	376000	381500			MPR
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.83	23.38	23.33	24.0	0.0	

n5 Ant0 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.92	22.96	22.83			
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0	
20	PI/2 BPSK	1	104	22.88	22.89	22.93			
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5	
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0	
20	PI/2 BPSK	50	56	22.59	22.51	22.46			
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5	
20	QPSK	1	1	23.01	23.06	22.98			
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0	
20	QPSK	1	104	22.89	23.05	22.82			
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0	
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0	
20	QPSK	50	56	22.06	22.09	21.97			
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0	
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0	
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5	
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5	
Channel				166300	167300	168300			MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0	
Channel				165800	167300	168800			MPR
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0	
Channel				165300	167300	169300			MPR
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0	

n26 Ant0 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.14	23.18	22.99			
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	22.98	23.08			
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5	
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0	
20	PI/2 BPSK	50	56	22.77	22.64	22.59			
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5	
20	QPSK	1	1	23.25	23.28	23.14			
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0	
20	QPSK	1	104	23.05	23.28	22.93			
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0	
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0	
20	QPSK	50	56	22.20	22.24	22.18			
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0	
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0	
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5	
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5	
Channel				164300	166300	168300			MPR
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0	
Channel				163800	166300	168800			MPR
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0	
Channel				163300	166300	169300			MPR
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0	



n66 Ant0 Main_PA DSI2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	22.35	22.54	22.36		
40	PV2 BPSK	1	108	22.38	22.56	22.43	24.0	0.0
40	PV2 BPSK	1	214	22.44	22.57	22.46		
40	PV2 BPSK	108	0	21.94	22.02	21.86	23.5	0.5
40	PV2 BPSK	108	54	22.40	22.62	22.36	24.0	0.0
40	PV2 BPSK	108	108	21.98	22.12	21.82		
40	PV2 BPSK	216	0	21.98	22.14	21.89	23.5	0.5
40	QPSK	1	1	22.51	22.71	22.49		
40	QPSK	1	108	22.36	22.53	22.33	24.0	0.0
40	QPSK	1	214	22.41	22.54	22.46		
40	QPSK	108	0	21.50	21.70	21.53	23.0	1.0
40	QPSK	108	54	22.36	22.64	22.32	24.0	0.0
40	QPSK	108	108	21.56	21.65	21.56		
40	QPSK	216	0	21.47	21.76	21.51	23.0	1.0
40	16QAM	1	1	21.51	21.64	21.44	23.0	1.0
40	64QAM	1	1	20.05	20.25	20.00	21.5	2.5
40	256QAM	1	1	18.08	18.26	17.97	19.5	4.5
Channel				345000	349000	353000	19.5	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.50	22.69	22.44	24.0	0.0
Channel				344500	349000	353500	19.5	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.35	22.62	22.33	24.0	0.0
Channel				344000	349000	354000	19.5	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.63	22.33	24.0	0.0
Channel				343500	349000	354500	19.5	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.66	22.42	24.0	0.0
Channel				343000	349000	355000	19.5	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.50	22.57	22.32	24.0	0.0
Channel				342500	349000	355500	19.5	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.39	22.63	22.40	24.0	0.0



n7 Ant1 Main_PA DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.01	23.14	23.11		
50	PI/2 BPSK	1	135	23.02	22.99	23.10	24.0	0.0
50	PI/2 BPSK	1	268	22.95	23.10	23.21		
50	PI/2 BPSK	135	0	22.50	22.56	22.56	23.5	0.5
50	PI/2 BPSK	135	68	23.05	23.12	23.12	24.0	0.0
50	PI/2 BPSK	135	135	22.41	22.57	22.62		
50	PI/2 BPSK	270	0	22.54	22.50	22.57	23.5	0.5
50	QPSK	1	1	23.07	23.25	23.13		
50	QPSK	1	135	22.89	23.07	23.06	24.0	0.0
50	QPSK	1	268	23.02	23.01	23.20		
50	QPSK	135	0	22.12	22.08	22.28	23.0	1.0
50	QPSK	135	68	22.99	23.18	23.17	24.0	0.0
50	QPSK	135	135	21.98	22.09	22.25		
50	QPSK	270	0	22.06	22.21	22.20	23.0	1.0
50	16QAM	1	1	22.05	22.14	22.15	23.0	1.0
50	64QAM	1	1	20.64	20.72	20.69	21.5	2.5
50	256QAM	1	1	18.59	18.64	18.66	19.5	4.5
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.92	23.05	23.02	24.0	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.85	22.94	23.00	24.0	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.97	23.05	23.11	24.0	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.88	23.06	23.05	24.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.85	22.95	23.03	24.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.92	23.05	24.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.85	22.96	23.16	24.0	0.0



Part27Q n78 Ant1 Main_PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pl/2 BPSK	1	1		22.95			
100	Pl/2 BPSK	1	137		23.19		24.0	0.0
100	Pl/2 BPSK	1	271		22.97			
100	Pl/2 BPSK	135	0		22.97		24.0	0.0
100	Pl/2 BPSK	135	69		23.13		24.0	0.0
100	Pl/2 BPSK	135	138		22.98			
100	Pl/2 BPSK	270	0		23.00		24.0	0.0
100	QPSK	1	1		22.91			
100	QPSK	1	137		23.13		24.0	0.0
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.93		24.0	0.0
100	QPSK	135	69		22.92		24.0	0.0
100	QPSK	135	138		22.93			
100	QPSK	270	0		23.01		24.0	0.0
100	16QAM	1	1		23.03		24.0	0.0
100	64QAM	1	1		23.00		24.0	0.0
100	256QAM	1	1		22.91		24.0	0.0
Channel				633000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.83	22.84	22.94	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.15	23.18	23.12	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.01	22.91	22.98	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.01	23.05	23.07	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	22.91	22.95	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.01	23.11	23.06	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.98	22.98	22.87	24.0	0.0
Channel				630834	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.04	22.95	22.96	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.09	22.94	22.99	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.87	22.95	23.02	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.02	22.93	22.92	24.0	0.0



n2 Ant4 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	13.58	14.00	13.65	15.5	0.0	
20	PI/2 BPSK	1	53	13.54	14.03	13.71			
20	PI/2 BPSK	1	104	13.52	13.95	13.61			
20	PI/2 BPSK	50	0	13.69	14.14	13.68	15.5	0.0	
20	PI/2 BPSK	50	28	13.56	13.87	13.72	15.5	0.0	
20	PI/2 BPSK	50	56	13.75	14.13	13.71			
20	PI/2 BPSK	100	0	13.71	14.17	13.79	15.5	0.0	
20	QPSK	1	1	13.71	14.18	13.69			
20	QPSK	1	53	13.62	14.09	13.62	15.5	0.0	
20	QPSK	1	104	13.55	14.11	13.69			
20	QPSK	50	0	13.86	14.13	13.74	15.5	0.0	
20	QPSK	50	28	13.68	14.15	13.57	15.5	0.0	
20	QPSK	50	56	13.72	14.07	13.64			
20	QPSK	100	0	13.79	14.14	13.62	15.5	0.0	
20	16QAM	1	1	13.81	14.15	13.65	15.5	0.0	
20	64QAM	1	1	13.64	14.12	13.72	15.5	0.0	
20	256QAM	1	1	13.77	14.08	13.85	15.5	0.0	
Channel				371500	376000	380500	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	13.56	14.08	13.62	15.5	0.0	
Channel				371000	376000	381000	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	13.57	14.12	13.54	15.5	0.0	
Channel				370500	376000	381500	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	13.55	14.03	13.55	15.5	0.0	

n66 Ant4 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	17.18	18.12	17.55			
40	PI/2 BPSK	1	108	17.08	18.01	17.56	19.0	0.0	
40	PI/2 BPSK	1	214	17.24	18.05	17.49			
40	PI/2 BPSK	108	0	17.33	18.17	17.54	19.0	0.0	
40	PI/2 BPSK	108	54	17.13	17.94	17.52	19.0	0.0	
40	PI/2 BPSK	108	108	17.35	18.05	17.57			
40	PI/2 BPSK	216	0	17.31	18.09	17.66	19.0	0.0	
40	QPSK	1	1	17.25	18.23	17.65			
40	QPSK	1	108	17.14	18.14	17.43	19.0	0.0	
40	QPSK	1	214	17.15	18.05	17.48			
40	QPSK	108	0	17.25	18.05	17.54	19.0	0.0	
40	QPSK	108	54	17.17	18.15	17.49	19.0	0.0	
40	QPSK	108	108	17.22	18.14	17.62			
40	QPSK	216	0	17.21	18.16	17.56	19.0	0.0	
40	16QAM	1	1	17.17	18.13	17.57	19.0	0.0	
40	64QAM	1	1	17.13	18.14	17.56	19.0	0.0	
40	256QAM	1	1	17.13	17.48	17.04	17.5	1.5	
Channel				345000	349000	353000	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.10	18.13	17.51	19.0	0.0	
Channel				344500	349000	353500	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	17.17	18.16	17.55	19.0	0.0	
Channel				344000	349000	354000	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.16	18.17	17.59	19.0	0.0	
Channel				343500	349000	354500	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.21	18.12	17.54	19.0	0.0	
Channel				343000	349000	355000	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.17	18.18	17.51	19.0	0.0	
Channel				342500	349000	355500	15dB up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.12	18.15	17.50	19.0	0.0	



n38 Ant4 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	14.67	14.88	14.72			
40	PI/2 BPSK	1	53	14.79	14.91	14.45	16.0	0.0	
40	PI/2 BPSK	1	104	14.77	14.96	14.70			
40	PI/2 BPSK	50	0	14.95	15.03	14.69	16.0	0.0	
40	PI/2 BPSK	50	28	14.66	15.03	14.56	16.0	0.0	
40	PI/2 BPSK	50	56	14.79	15.02	14.66			
40	PI/2 BPSK	100	0	14.87	15.00	14.85	16.0	0.0	
40	QPSK	1	1	14.77	15.10	14.69			
40	QPSK	1	53	14.88	15.12	14.98	16.0	0.0	
40	QPSK	1	104	14.71	14.79	14.70			
40	QPSK	50	0	14.67	14.77	14.70	16.0	0.0	
40	QPSK	50	28	14.83	14.88	14.51	16.0	0.0	
40	QPSK	50	56	14.80	14.81	14.67			
40	QPSK	100	0	14.90	15.18	14.76	16.0	0.0	
40	16QAM	1	1	14.59	15.12	14.69	16.0	0.0	
40	64QAM	1	1	14.83	14.93	14.74	16.0	0.0	
40	256QAM	1	1	14.69	14.97	14.78	16.0	0.0	
Channel				517002	519000	520998			
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	14.77	15.08	14.91	16.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	14.82	14.96	14.88	16.0	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	14.82	14.96	14.88	16.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	14.84	15.06	14.89	16.0	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	14.74	14.96	14.85	16.0	0.0	

n41 Ant4 Main_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518998	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	14.35	15.06	14.38			
100	PI/2 BPSK	1	137	14.57	15.10	14.09	16.0	0.0	
100	PI/2 BPSK	1	271	14.40	15.00	14.23			
100	PI/2 BPSK	135	0	14.49	15.14	14.32	16.0	0.0	
100	PI/2 BPSK	135	69	14.52	15.03	14.21	16.0	0.0	
100	PI/2 BPSK	135	138	14.56	15.24	14.33			
100	PI/2 BPSK	270	0	14.45	15.29	14.35	16.0	0.0	
100	QPSK	1	1	14.46	15.02	14.26			
100	QPSK	1	137	14.71	15.31	14.43	16.0	0.0	
100	QPSK	1	271	14.63	15.13	14.28			
100	QPSK	135	0	14.60	15.13	14.41	16.0	0.0	
100	QPSK	135	69	14.49	15.20	14.18	16.0	0.0	
100	QPSK	135	138	14.41	15.01	14.32			
100	QPSK	270	0	14.44	15.07	14.40	16.0	0.0	
100	16QAM	1	1	14.60	15.07	14.27	16.0	0.0	
100	64QAM	1	1	14.44	15.07	14.37	16.0	0.0	
100	256QAM	1	1	14.43	15.11	14.34	16.0	0.0	
Channel				508200	518998	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	14.64	15.04	14.28	16.0	0.0	
Channel				507204	518998	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	14.63	15.13	14.37	16.0	0.0	
Channel				506202	518998	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	14.67	15.06	14.30	16.0	0.0	
Channel				505200	518998	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	14.67	15.06	14.30	16.0	0.0	
Channel				504204	518998	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	14.66	15.12	14.31	16.0	0.0	
Channel				503202	518998	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	14.67	15.04	14.30	16.0	0.0	
Channel				502200	518998	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	14.60	15.09	14.32	16.0	0.0	
Channel				501204	518998	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	14.57	15.02	14.39	16.0	0.0	
Channel				500700	518998	536996			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	14.63	15.10	14.36	16.0	0.0	
Channel				500202	518998	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	14.57	15.06	14.37	16.0	0.0	



Part27Q n78 Ant5 Main_PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	Pl/2 BPSK	1	1		19.14				
100	Pl/2 BPSK	1	137		18.97		19.5	0.0	
100	Pl/2 BPSK	1	271		18.96				
100	Pl/2 BPSK	135	0		19.12		19.5	0.0	
100	Pl/2 BPSK	135	69		18.22		19.5	0.0	
100	Pl/2 BPSK	135	138		19.19			19.5	0.0
100	Pl/2 BPSK	270	0		19.18				
100	QPSK	1	1		18.93				
100	QPSK	1	137		19.22		19.5	0.0	
100	QPSK	1	271		18.92				
100	QPSK	135	0		19.04		19.5	0.0	
100	QPSK	135	69		19.16		19.5	0.0	
100	QPSK	135	138		19.12			19.5	0.0
100	QPSK	270	0		19.12				
100	16QAM	1	1		19.11		19.5	0.0	
100	64QAM	1	1		19.00		19.5	0.0	
100	256QAM	1	1		18.03		19.5	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	19.04	19.01	19.15	19.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.89	18.94	18.99	19.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.93	18.91	19.01	19.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.91	18.86	19.01	19.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.97	18.95	19.07	19.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.90	18.90	19.04	19.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.94	18.92	19.10	19.5	0.0	
Channel				630634	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.97	18.86	19.01	19.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.95	18.89	19.04	19.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.96	18.94	19.10	19.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.93	18.90	19.10	19.5	0.0	



Part27Q n78 Ant2 Main_PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	23.11				
100	Pl/2 BPSK	1	137	23.22			24.0	0.0
100	Pl/2 BPSK	1	271	23.01				
100	Pl/2 BPSK	135	0	23.01			24.0	0.0
100	Pl/2 BPSK	135	69	23.20			24.0	0.0
100	Pl/2 BPSK	135	138	23.05				
100	Pl/2 BPSK	270	0	23.11			24.0	0.0
100	QPSK	1	1	23.08				
100	QPSK	1	137	23.15			24.0	0.0
100	QPSK	1	271	23.05				
100	QPSK	135	0	23.11			24.0	0.0
100	QPSK	135	69	23.11			24.0	0.0
100	QPSK	135	138	23.06				
100	QPSK	270	0	23.11			24.0	0.0
100	16QAM	1	1	23.05			24.0	0.0
100	64QAM	1	1	23.06			24.0	0.0
100	256QAM	1	1	23.08			24.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.08	23.13	23.17	24.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.10	23.11	23.07	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.16	23.05	23.19	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.12	23.06	23.12	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.10	23.05	23.09	24.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.18	23.11	23.07	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.02	23.11	23.14	24.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.04	23.15	23.17	24.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.01	23.10	23.12	24.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.07	23.08	23.18	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.13	23.12	23.18	24.0	0.0



Part27Q n78 Ant8 Main_PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334	633668		
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	22.58				
100	Pl/2 BPSK	1	137	22.89			24.0	0.0
100	Pl/2 BPSK	1	271	22.63				
100	Pl/2 BPSK	135	0	22.64			23.5	0.5
100	Pl/2 BPSK	135	69	22.86			24.0	0.0
100	Pl/2 BPSK	135	138	22.69			23.5	0.5
100	Pl/2 BPSK	270	0	22.68				
100	QPSK	1	1	22.58				
100	QPSK	1	137	22.85			24.0	0.0
100	QPSK	1	271	22.76				
100	QPSK	135	0	22.59			23.0	1.0
100	QPSK	135	69	22.58			24.0	0.0
100	QPSK	135	138	22.67			23.0	1.0
100	QPSK	270	0	22.73				
100	16QAM	1	1	22.66			23.0	1.0
100	64QAM	1	1	22.65			21.5	2.5
100	256QAM	1	1	22.66			19.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.53	22.60	24.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.61	22.52	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.55	22.82	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.50	22.66	22.83	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.65	22.58	22.65	24.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.52	22.56	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.80	22.79	22.75	24.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.72	22.71	22.60	24.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.61	22.44	22.52	24.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.59	22.60	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.62	22.56	22.45	24.0	0.0



Reduced Power Mode for Other PA DSI2

n2 Ant4 Other_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	16.06	16.31	16.21			
20	PI/2 BPSK	1	53	16.05	16.20	16.17	17.5	0.0	
20	PI/2 BPSK	1	104	16.03	16.19	16.28			
20	PI/2 BPSK	50	0	16.04	16.22	16.24	17.5	0.0	
20	PI/2 BPSK	50	28	15.97	16.23	16.16	17.5	0.0	
20	PI/2 BPSK	50	56	16.02	16.23	16.14			
20	PI/2 BPSK	100	0	16.06	16.19	16.13	17.5	0.0	
20	QPSK	1	1	16.03	16.39	16.25			
20	QPSK	1	53	15.97	16.29	16.22	17.5	0.0	
20	QPSK	1	104	15.99	16.25	16.14			
20	QPSK	50	0	16.10	16.25	16.17	17.5	0.0	
20	QPSK	50	28	16.11	16.33	16.14	17.5	0.0	
20	QPSK	50	56	15.96	16.28	16.19			
20	QPSK	100	0	16.03	16.29	16.21	17.5	0.0	
20	16QAM	1	1	16.05	16.19	16.28	17.5	0.0	
20	64QAM	1	1	15.96	16.29	16.25	17.5	0.0	
20	256QAM	1	1	16.05	16.20	16.21	17.5	0.0	
Channel				371500	376000	380500	17.5	MPR	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	1	15.97	16.22	16.05	17.5	0.0	
Channel				371000	376000	381000	17.5	MPR	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	16.04	16.15	16.07	17.5	0.0	
Channel				370500	376000	381500	17.5	MPR	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.95	16.23	16.00	17.5	0.0	

n7 Ant4 Other_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	PI/2 BPSK	1	1	13.56	13.69	13.54			
50	PI/2 BPSK	1	135	13.51	13.72	13.58	14.5	0.0	
50	PI/2 BPSK	1	268	13.53	13.59	13.52			
50	PI/2 BPSK	135	0	13.47	13.68	13.59	14.5	0.0	
50	PI/2 BPSK	135	68	13.40	13.58	13.56	14.5	0.0	
50	PI/2 BPSK	135	135	13.53	13.65	13.63			
50	PI/2 BPSK	270	0	13.47	13.69	13.50	14.5	0.0	
50	QPSK	1	1	13.41	13.79	13.64			
50	QPSK	1	135	13.40	13.72	13.55	14.5	0.0	
50	QPSK	1	268	13.55	13.69	13.54			
50	QPSK	135	0	13.49	13.61	13.53	14.5	0.0	
50	QPSK	135	68	13.52	13.68	13.54	14.5	0.0	
50	QPSK	135	135	13.49	13.64	13.63			
50	QPSK	270	0	13.40	13.60	13.57	14.5	0.0	
50	16QAM	1	1	13.42	13.70	13.65	14.5	0.0	
50	64QAM	1	1	13.46	13.62	13.50	14.5	0.0	
50	256QAM	1	1	13.53	13.61	13.60	14.5	0.0	
Channel				504000	507000	510000	14.5	MPR	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	13.41	13.53	13.49	14.5	0.0	
Channel				503000	507000	511000	14.5	MPR	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	13.40	13.48	13.48	14.5	0.0	
Channel				502500	507000	511500	14.5	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	13.40	13.60	13.58	14.5	0.0	
Channel				502000	507000	512000	14.5	MPR	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	13.41	13.54	13.55	14.5	0.0	
Channel				501500	507000	512500	14.5	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	13.36	13.53	13.49	14.5	0.0	
Channel				501000	507000	513000	14.5	MPR	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	13.36	13.55	13.48	14.5	0.0	
Channel				500500	507000	513500	14.5	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	13.32	13.53	13.55	14.5	0.0	

n66 Ant4 Other_PA DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	19.37	19.51	19.38			
40	PI/2 BPSK	1	108	19.31	19.39	19.38	21.0	0.0	
40	PI/2 BPSK	1	214	19.26	19.39	19.40			
40	PI/2 BPSK	108	0	19.30	19.52	19.35	21.0	0.0	
40	PI/2 BPSK	108	54	19.28	19.47	19.42	21.0	0.0	
40	PI/2 BPSK	108	108	19.25	19.49	19.42			
40	PI/2 BPSK	216	0	19.32	19.48	19.45	21.0	0.0	
40	QPSK	1	1	19.23	19.53	19.38			
40	QPSK	1	108	19.27	19.44	19.41	21.0	0.0	
40	QPSK	1	214	19.25	19.38	19.40			
40	QPSK	108	0	19.25	19.44	19.46	21.0	0.0	
40	QPSK	108	54	19.37	19.48	19.38	21.0	0.0	
40	QPSK	108	108	19.31	19.37	19.38			
40	QPSK	216	0	19.33	19.45	19.43	21.0	0.0	
40	16QAM	1	1	19.25	19.40	19.42	21.0	0.0	
40	64QAM	1	1	19.31	19.44	19.42	21.0	0.0	
40	256QAM	1	1	19.33	19.51	19.42	21.0	0.0	
Channel				345000	349000	353000	21.0	MPR	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.14	19.37	19.32	21.0	0.0	
Channel				344500	349000	353500	21.0	MPR	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.17	19.41	19.27	21.0	0.0	
Channel				344000	349000	354000	21.0	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.26	19.46	19.33	21.0	0.0	
Channel				343500	349000	354500	21.0	MPR	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.21	19.37	19.38	21.0	0.0	
Channel				343000	349000	355000	21.0	MPR	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.20	19.40	19.33	21.0	0.0	
Channel				342500	349000	355500	21.0	MPR	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.23	19.41	19.33	21.0	0.0	



Reduced Power Mode for DSI3

n2 Ant0 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.37	17.89	17.77			
20	PI/2 BPSK	1	53	17.37	17.76	17.65	18.5	0.0	
20	PI/2 BPSK	1	104	17.27	17.74	17.78			
20	PI/2 BPSK	50	0	17.37	17.74	17.80	18.5	0.0	
20	PI/2 BPSK	50	28	17.35	17.75	17.70	18.5	0.0	
20	PI/2 BPSK	50	56	17.31	17.90	17.79			
20	PI/2 BPSK	100	0	17.37	17.71	17.71	18.5	0.0	
20	QPSK	1	1	17.40	18.06	17.85			
20	QPSK	1	53	17.32	17.75	17.66	18.5	0.0	
20	QPSK	1	104	17.36	17.82	17.84			
20	QPSK	50	0	17.41	17.75	17.74	18.5	0.0	
20	QPSK	50	28	17.44	18.05	17.79	18.5	0.0	
20	QPSK	50	56	17.42	17.88	17.95			
20	QPSK	100	0	17.45	17.99	17.95	18.5	0.0	
20	16QAM	1	1	17.33	17.97	17.88	18.5	0.0	
20	64QAM	1	1	17.41	17.94	17.85	18.5	0.0	
20	256QAM	1	1	17.41	17.88	17.84	18.5	0.0	
Channel				371500	376000	380500			MPR
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	1	17.24	17.87	17.78	13.5	0.0	
Channel				371000	376000	381000			MPR
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.30	17.81	17.75	18.5	0.0	
Channel				370500	376000	381500			MPR
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	17.35	17.82	17.77	18.5	0.0	

n5 Ant0 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.92	22.96	22.83			
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0	
20	PI/2 BPSK	1	104	22.88	22.89	22.93			
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5	
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0	
20	PI/2 BPSK	50	56	22.58	22.51	22.46			
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5	
20	QPSK	1	1	23.01	23.06	22.98			
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0	
20	QPSK	1	104	22.89	23.05	22.82			
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0	
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0	
20	QPSK	50	56	22.06	22.09	21.97			
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0	
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0	
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5	
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5	
Channel				166300	167300	168300			MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0	
Channel				165800	167300	168800			MPR
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0	
Channel				165300	167300	169300			MPR
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0	

n26 Ant0 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.14	23.18	22.99			
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	22.98	23.08			
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5	
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0	
20	PI/2 BPSK	50	56	22.77	22.64	22.59			
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5	
20	QPSK	1	1	23.25	23.28	23.14			
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0	
20	QPSK	1	104	23.05	23.28	22.93			
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0	
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0	
20	QPSK	50	56	22.20	22.24	22.18			
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0	
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0	
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5	
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5	
Channel				164300	166300	168300			MPR
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0	
Channel				163800	166300	168800			MPR
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0	
Channel				163300	166300	169300			MPR
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0	



n66 Ant0 Main_PA DSI3

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	15.82	15.99	15.89		
40	PV2 BPSK	1	108	15.89	16.08	15.89	17.5	0.0
40	PV2 BPSK	1	214	16.00	16.02	15.94		
40	PV2 BPSK	108	0	15.92	16.01	15.91	17.5	0.0
40	PV2 BPSK	108	54	15.94	16.06	15.86	17.5	0.0
40	PV2 BPSK	108	108	15.98	16.08	15.78		
40	PV2 BPSK	216	0	15.95	16.11	15.91	17.5	0.0
40	QPSK	1	1	16.02	16.20	16.04		
40	QPSK	1	108	15.88	16.08	15.86	17.5	0.0
40	QPSK	1	214	15.93	16.07	15.95		
40	QPSK	108	0	15.99	16.12	16.01	17.5	0.0
40	QPSK	108	54	15.84	16.16	15.79	17.5	0.0
40	QPSK	108	108	16.11	16.10	16.07		
40	QPSK	216	0	15.92	16.24	15.99	17.5	0.0
40	16QAM	1	1	16.02	16.18	15.93	17.5	0.0
40	64QAM	1	1	15.99	16.23	15.97	17.5	0.0
40	256QAM	1	1	16.13	16.25	16.00	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.96	16.08	15.93	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.98	16.03	15.94	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.86	16.03	15.93	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.97	16.08	16.00	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.97	16.02	15.99	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.94	16.07	15.97	17.5	0.0



n7 Ant1 Main_PA DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pl/2 BPSK	1	1	18.05	18.16	18.10		
50	Pl/2 BPSK	1	135	17.96	18.00	18.07	19.0	0.0
50	Pl/2 BPSK	1	268	17.82	18.10	18.24		
50	Pl/2 BPSK	135	0	18.00	18.01	18.03	19.0	0.0
50	Pl/2 BPSK	135	68	18.02	18.06	18.18	19.0	0.0
50	Pl/2 BPSK	135	135	17.86	18.09	18.07		
50	Pl/2 BPSK	270	0	18.09	17.97	18.05	19.0	0.0
50	QPSK	1	1	18.07	18.35	18.13		
50	QPSK	1	135	17.88	18.01	18.08	19.0	0.0
50	QPSK	1	268	18.03	18.00	18.18		
50	QPSK	135	0	18.15	18.09	18.23	19.0	0.0
50	QPSK	135	68	18.05	18.29	18.21	19.0	0.0
50	QPSK	135	135	18.00	18.10	18.13		
50	QPSK	270	0	18.06	18.22	18.15	19.0	0.0
50	16QAM	1	1	18.01	18.16	18.09	19.0	0.0
50	64QAM	1	1	18.17	18.20	18.14	19.0	0.0
50	256QAM	1	1	18.11	18.17	18.19	19.0	0.0
Channel				504000	507000	510000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.02	18.12	18.03	19.0	0.0
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.92	18.19	18.03	19.0	0.0
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.94	18.20	18.07	19.0	0.0
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pl/2 BPSK	1	1	18.02	18.10	18.08	19.0	0.0
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.02	18.20	18.07	19.0	0.0
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.97	18.11	18.06	19.0	0.0
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.01	18.14	18.05	19.0	0.0



Part27Q n78 Ant1 Main_PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	19.18				
100	Pl/2 BPSK	1	137	20.17			21.0	0.0
100	Pl/2 BPSK	1	271	19.95				
100	Pl/2 BPSK	135	0	19.96			21.0	0.0
100	Pl/2 BPSK	135	69	20.09			21.0	0.0
100	Pl/2 BPSK	135	138	20.01				
100	Pl/2 BPSK	270	0	20.05			21.0	0.0
100	QPSK	1	1	19.93				
100	QPSK	1	137	20.08			21.0	0.0
100	QPSK	1	271	20.04				
100	QPSK	135	0	19.90			21.0	0.0
100	QPSK	135	69	19.87			21.0	0.0
100	QPSK	135	138	19.92				
100	QPSK	270	0	19.96			21.0	0.0
100	16QAM	1	1	20.09			21.0	0.0
100	64QAM	1	1	19.94			21.0	0.0
100	256QAM	1	1	19.87			21.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.83	19.79	19.96	21.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.86	19.87	19.91	21.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.78	19.79	19.90	21.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.82	19.83	19.89	21.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.82	19.80	20.00	21.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.85	19.87	19.91	21.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.85	19.85	19.95	21.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.89	19.88	19.93	21.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.84	19.85	19.98	21.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.77	19.85	19.99	21.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.81	19.79	19.96	21.0	0.0



n2 Ant4 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	15.08	15.45	15.14			
20	PI/2 BPSK	1	53	15.08	15.57	15.11	17.0	0.0	
20	PI/2 BPSK	1	104	15.02	15.44	15.04			
20	PI/2 BPSK	50	0	15.17	15.67	15.21	17.0	0.0	
20	PI/2 BPSK	50	28	15.12	15.40	15.14	17.0	0.0	
20	PI/2 BPSK	50	56	15.28	15.59	15.28			
20	PI/2 BPSK	100	0	15.23	15.69	15.28	17.0	0.0	
20	QPSK	1	1	15.26	15.73	15.28			
20	QPSK	1	53	15.22	15.63	15.15	17.0	0.0	
20	QPSK	1	104	15.11	15.61	15.22			
20	QPSK	50	0	15.26	15.54	15.22	17.0	0.0	
20	QPSK	50	28	15.18	15.72	15.07	17.0	0.0	
20	QPSK	50	56	15.26	15.60	15.14			
20	QPSK	100	0	15.32	15.71	15.19	17.0	0.0	
20	16QAM	1	1	15.36	15.61	15.23	17.0	0.0	
20	64QAM	1	1	15.20	15.63	15.16	17.0	0.0	
20	256QAM	1	1	15.31	15.60	15.33	17.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	15.12	15.47	15.16	17.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	15.15	15.53	15.18	17.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.15	15.47	15.16	17.0	0.0	

n66 Ant4 Main_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	17.73	18.67	18.08			
40	PI/2 BPSK	1	108	17.58	18.43	17.99	19.5	0.0	
40	PI/2 BPSK	1	214	17.70	18.47	17.98			
40	PI/2 BPSK	108	0	17.74	18.61	18.00	19.5	0.0	
40	PI/2 BPSK	108	54	17.59	18.55	18.04	19.5	0.0	
40	PI/2 BPSK	108	108	17.80	18.58	18.10			
40	PI/2 BPSK	216	0	17.76	18.58	18.20	19.5	0.0	
40	QPSK	1	1	17.78	18.62	18.06			
40	QPSK	1	108	17.76	18.62	17.98	19.5	0.0	
40	QPSK	1	214	17.88	18.58	18.00			
40	QPSK	108	0	17.89	18.68	18.05	19.5	0.0	
40	QPSK	108	54	17.67	18.69	17.96	19.5	0.0	
40	QPSK	108	108	17.75	18.67	18.09			
40	QPSK	216	0	17.77	18.70	18.09	19.5	0.0	
40	16QAM	1	1	17.66	18.61	18.20	19.5	0.0	
40	64QAM	1	1	17.70	18.70	18.14	19.5	0.0	
40	256QAM	1	1	17.68	18.80	17.97	19.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.74	18.75	17.99	19.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	17.67	18.69	17.94	19.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.75	18.73	17.89	19.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.67	18.78	17.93	19.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.75	18.78	18.00	19.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.62	18.65	17.91	19.5	0.0	



n38 Ant4 Main_PA DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	11.64	11.83	11.76			
40	PI/2 BPSK	1	53	11.71	11.99	11.51	13.0	0.0	
40	PI/2 BPSK	1	104	11.75	12.03	11.69			
40	PI/2 BPSK	50	0	11.89	12.00	11.66	13.0	0.0	
40	PI/2 BPSK	50	28	11.67	12.03	11.54	13.0	0.0	
40	PI/2 BPSK	50	56	11.78	11.98	11.68			
40	PI/2 BPSK	100	0	11.95	12.07	11.88	13.0	0.0	
40	QPSK	1	1	11.73	12.15	11.66			
40	QPSK	1	53	11.79	12.16	12.01	13.0	0.0	
40	QPSK	1	104	11.68	11.74	11.68			
40	QPSK	50	0	11.70	11.89	11.74	13.0	0.0	
40	QPSK	50	28	11.80	11.90	11.46	13.0	0.0	
40	QPSK	50	56	11.76	11.89	11.68			
40	QPSK	100	0	11.80	12.17	11.72	13.0	0.0	
40	16QAM	1	1	11.55	12.11	11.63	13.0	0.0	
40	64QAM	1	1	11.77	11.99	11.69	13.0	0.0	
40	256QAM	1	1	11.75	11.92	11.75	13.0	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	11.67	12.05	11.91	13.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	11.74	12.11	11.92	13.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2550	2595	2610			
20	QPSK	1	1	11.73	12.05	11.91	13.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	11.63	12.08	11.96	13.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	11.68	12.03	11.96	13.0	0.0	

n41 Ant4 Main_PA DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	11.37	12.15	11.27			
100	PI/2 BPSK	1	137	11.62	12.15	11.12	13.0	0.0	
100	PI/2 BPSK	1	271	11.35	12.00	11.18			
100	PI/2 BPSK	135	0	11.47	12.18	11.30	13.0	0.0	
100	PI/2 BPSK	135	69	11.44	11.96	11.23	13.0	0.0	
100	PI/2 BPSK	135	138	11.49	12.14	11.35			
100	PI/2 BPSK	270	0	11.54	12.25	11.25	13.0	0.0	
100	QPSK	1	1	11.38	11.99	11.24			
100	QPSK	1	137	11.69	12.28	11.33	13.0	0.0	
100	QPSK	1	271	11.62	12.13	11.23			
100	QPSK	135	0	11.65	12.16	11.47	13.0	0.0	
100	QPSK	135	69	11.39	12.17	11.24	13.0	0.0	
100	QPSK	135	138	11.44	12.16	11.27			
100	QPSK	270	0	11.46	12.15	11.36	13.0	0.0	
100	16QAM	1	1	11.59	12.04	11.29	13.0	0.0	
100	64QAM	1	1	11.37	12.05	11.43	13.0	0.0	
100	256QAM	1	1	11.49	12.14	11.27	13.0	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	11.62	12.07	11.27	13.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	11.58	12.10	11.17	13.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	11.60	12.14	11.21	13.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.99			
60	QPSK	1	1	11.58	12.14	11.20	13.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	11.59	12.11	11.18	13.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	11.62	12.12	11.26	13.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	11.60	12.05	11.21	13.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	11.61	12.09	11.29	13.0	0.0	
Channel				500100	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	11.64	12.08	11.29	13.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	11.60	12.15	11.18	13.0	0.0	



Part27Q n78 Ant5 Main_PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pl/2 BPSK	1	1	18.62				
100	Pl/2 BPSK	1	137	18.47			19.0	0.0
100	Pl/2 BPSK	1	271	18.43				
100	Pl/2 BPSK	135	0	18.61			19.0	0.0
100	Pl/2 BPSK	135	69	17.69			19.0	0.0
100	Pl/2 BPSK	135	138	18.67			19.0	0.0
100	Pl/2 BPSK	270	0	18.66				
100	QPSK	1	1	18.53				
100	QPSK	1	137	18.73			19.0	0.0
100	QPSK	1	271	18.47				
100	QPSK	135	0	18.63			19.0	0.0
100	QPSK	135	69	18.66			19.0	0.0
100	QPSK	135	138	18.40			19.0	0.0
100	QPSK	270	0	18.70				
100	16QAM	1	1	18.65			19.0	0.0
100	64QAM	1	1	18.50			19.0	0.0
100	256QAM	1	1	17.58			19.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.36	18.46	18.47	19.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.39	18.42	18.48	19.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.39	18.44	18.51	19.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.43	18.40	18.49	19.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.34	18.43	18.44	19.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.37	18.46	18.44	19.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.34	18.40	18.56	19.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.39	18.37	18.44	19.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.37	18.40	18.48	19.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.36	18.41	18.54	19.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.43	18.39	18.54	19.0	0.0



Part27Q n78 Ant2 Main_PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	19.19				
100	Pl/2 BPSK	1	137	19.23			20.0	0.0
100	Pl/2 BPSK	1	271	18.95				
100	Pl/2 BPSK	135	0	19.03			20.0	0.0
100	Pl/2 BPSK	135	69	19.20			20.0	0.0
100	Pl/2 BPSK	135	138	19.00			20.0	0.0
100	Pl/2 BPSK	270	0	19.10				
100	QPSK	1	1	19.14				
100	QPSK	1	137	19.17			20.0	0.0
100	QPSK	1	271	19.06				
100	QPSK	135	0	19.12			20.0	0.0
100	QPSK	135	69	19.12			20.0	0.0
100	QPSK	135	138	19.10				
100	QPSK	270	0	19.09			20.0	0.0
100	16QAM	1	1	19.08			20.0	0.0
100	64QAM	1	1	19.10			20.0	0.0
100	256QAM	1	1	19.13			20.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.09	19.14	19.11	20.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.08	19.20	19.13	20.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.04	19.16	19.17	20.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.08	19.18	19.09	20.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.07	19.13	19.17	20.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.12	19.11	19.06	20.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.05	19.09	19.16	20.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.11	19.09	19.12	20.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.05	19.17	19.15	20.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.07	19.17	19.13	20.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.12	19.12	19.14	20.0	0.0



Part27Q n78 Ant8 Main_PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334				
Frequency (MHz)				3500.01					
100	Pl/2 BPSK	1	1	18.11					
100	Pl/2 BPSK	1	137	18.41			19.5	0.0	
100	Pl/2 BPSK	1	271	18.15					
100	Pl/2 BPSK	135	0	18.33			19.0	0.5	
100	Pl/2 BPSK	135	69	18.39			19.5	0.0	
100	Pl/2 BPSK	135	138	18.35				19.0	0.5
100	Pl/2 BPSK	270	0	18.31					
100	QPSK	1	1	18.56					
100	QPSK	1	137	18.39			19.5	0.0	
100	QPSK	1	271	18.29					
100	QPSK	135	0	19.10			18.5	1.0	
100	QPSK	135	69	18.12			19.5	0.0	
100	QPSK	135	138	19.18					
100	QPSK	270	0	19.26			18.5	1.0	
100	16QAM	1	1	19.12			18.5	1.0	
100	64QAM	1	1	19.50			17.0	2.5	
100	256QAM	1	1	17.45			15.0	4.5	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	18.14	17.99	18.08	19.5	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	18.07	17.99	18.15	19.5	0.0	
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	18.11	17.97	18.09	19.5	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.12	17.99	18.11	19.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	18.05	18.06	18.14	19.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.03	18.08	18.12	19.5	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.05	18.08	18.10	19.5	0.0	
Channel				630834	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.13	18.06	18.08	19.5	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.08	18.00	18.11	19.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.03	18.02	18.09	19.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.13	18.03	18.09	19.5	0.0	



Reduced Power Mode for Other PA DSI3

n2 Ant4 Other_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.56	17.75	17.70			
20	PI/2 BPSK	1	53	17.55	17.76	17.70	19.0	0.0	
20	PI/2 BPSK	1	104	17.50	17.81	17.63			
20	PI/2 BPSK	50	0	17.50	17.71	17.64	19.0	0.0	
20	PI/2 BPSK	50	28	17.57	17.71	17.77	19.0	0.0	
20	PI/2 BPSK	50	56	17.49	17.71	17.77			
20	PI/2 BPSK	100	0	17.60	17.83	17.76	19.0	0.0	
20	QPSK	1	1	17.53	17.85	17.77			
20	QPSK	1	53	17.59	17.84	17.73	19.0	0.0	
20	QPSK	1	104	17.50	17.78	17.74			
20	QPSK	50	0	17.52	17.78	17.76	19.0	0.0	
20	QPSK	50	28	17.45	17.79	17.78	19.0	0.0	
20	QPSK	50	56	17.56	17.74	17.72			
20	QPSK	100	0	17.47	17.84	17.70	19.0	0.0	
20	16QAM	1	1	17.51	17.77	17.78	19.0	0.0	
20	64QAM	1	x	17.61	17.71	17.70	19.0	0.0	
20	256QAM	1	1	17.48	17.78	17.67	19.0	0.0	
Channel				371500	376000	380500	19.0	MPR	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	17.26	17.71	17.65	19.0	0.0	
Channel				371000	376000	381000	19.0	MPR	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	17.44	17.70	17.67	19.0	0.0	
Channel				370500	376000	381500	19.0	MPR	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	17.47	17.62	17.57	19.0	0.0	

n7 Ant4 Other_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	PI/2 BPSK	1	1	12.92	13.22	13.07			
50	PI/2 BPSK	1	135	13.04	13.15	13.11	14.0	0.0	
50	PI/2 BPSK	1	268	12.95	13.23	13.10			
50	PI/2 BPSK	135	0	12.94	13.13	13.09	14.0	0.0	
50	PI/2 BPSK	135	68	13.04	13.12	13.12	14.0	0.0	
50	PI/2 BPSK	135	135	12.98	13.16	13.04			
50	PI/2 BPSK	270	0	13.06	13.16	13.01	14.0	0.0	
50	QPSK	1	1	13.01	13.25	13.06			
50	QPSK	1	135	12.97	13.12	13.03	14.0	0.0	
50	QPSK	1	268	13.02	13.18	13.15			
50	QPSK	135	0	13.03	13.11	13.07	14.0	0.0	
50	QPSK	135	68	13.02	13.18	13.05	14.0	0.0	
50	QPSK	135	135	12.94	13.15	13.05			
50	QPSK	270	0	12.90	13.22	13.05	14.0	0.0	
50	16QAM	1	1	13.05	13.10	13.10	14.0	0.0	
50	64QAM	1	1	12.96	13.22	13.15	14.0	0.0	
50	256QAM	1	1	12.95	13.12	13.12	14.0	0.0	
Channel				504000	507000	510000	14.0	MPR	
Frequency (MHz)				2530	2535	2550			
40	QPSK	1	1	12.83	13.12	13.03	14.0	0.0	
Channel				503000	507000	511000	14.0	MPR	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	12.88	13.11	12.99	14.0	0.0	
Channel				502000	507000	511500	14.0	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	12.81	13.01	13.01	14.0	0.0	
Channel				502000	507000	512000	14.0	MPR	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	12.87	13.03	12.96	14.0	0.0	
Channel				501500	507000	512500	14.0	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	12.82	13.04	13.05	14.0	0.0	
Channel				501000	507000	513000	14.0	MPR	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	12.81	13.08	13.01	14.0	0.0	
Channel				500500	507000	513500	14.0	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	12.90	12.99	12.96	14.0	0.0	

n66 Ant4 Other_PA DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	19.86	19.95	19.86			
40	PI/2 BPSK	1	108	19.74	19.96	19.84	21.5	0.0	
40	PI/2 BPSK	1	214	19.83	20.03	19.85			
40	PI/2 BPSK	108	0	19.78	19.94	19.84	21.5	0.0	
40	PI/2 BPSK	108	54	19.81	19.90	19.92	21.5	0.0	
40	PI/2 BPSK	108	108	19.84	19.98	19.85			
40	PI/2 BPSK	216	0	19.87	19.92	19.85	21.5	0.0	
40	QPSK	1	1	19.73	20.05	19.85			
40	QPSK	1	108	19.83	19.97	19.84	21.5	0.0	
40	QPSK	1	214	19.74	19.96	19.85			
40	QPSK	108	0	19.82	19.92	19.98	21.5	0.0	
40	QPSK	108	54	19.78	19.99	19.89	21.5	0.0	
40	QPSK	108	108	19.76	19.95	19.84			
40	QPSK	216	0	19.76	20.02	19.98	21.5	0.0	
40	16QAM	1	1	19.74	19.98	19.92	21.5	0.0	
40	64QAM	1	1	19.80	19.93	19.92	21.5	0.0	
40	256QAM	1	1	19.80	20.01	19.89	21.5	0.0	
Channel				345000	349000	353000	21.5	MPR	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.64	19.82	19.84	21.5	0.0	
Channel				344500	349000	353500	21.5	MPR	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.77	19.84	19.79	21.5	0.0	
Channel				344000	349000	354000	21.5	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.74	19.89	19.88	21.5	0.0	
Channel				343500	349000	354500	21.5	MPR	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.77	19.90	19.79	21.5	0.0	
Channel				343000	349000	355000	21.5	MPR	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	19.76	19.78	19.79	21.5	0.0	
Channel				342500	349000	355500	21.5	MPR	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.71	19.79	19.86	21.5	0.0	



Reduced Power Mode for DSI4

n2 Ant0 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	22.84	23.35	23.31			
20	PI/2 BPSK	1	53	22.86	23.24	23.16	24.0	0.0	
20	PI/2 BPSK	1	104	22.78	23.28	23.33			
20	PI/2 BPSK	50	0	22.36	22.78	22.79	23.5	0.5	
20	PI/2 BPSK	50	28	22.88	23.22	23.21	24.0	0.0	
20	PI/2 BPSK	50	56	22.31	22.88	22.79			
20	PI/2 BPSK	100	0	22.38	22.76	22.71	23.5	0.5	
20	QPSK	1	1	22.94	23.40	23.35			
20	QPSK	1	53	22.84	23.24	23.20	24.0	0.0	
20	QPSK	1	104	22.90	23.27	23.33			
20	QPSK	50	0	21.97	22.49	22.32	23.0	1.0	
20	QPSK	50	28	22.92	23.27	23.18	24.0	0.0	
20	QPSK	50	56	21.87	22.37	22.44			
20	QPSK	100	0	21.99	22.45	22.42	23.0	1.0	
20	16QAM	1	1	21.85	22.48	22.42	23.0	1.0	
20	64QAM	1	1	20.39	20.88	20.85	21.5	2.5	
20	256QAM	1	1	18.45	18.83	18.88	19.5	4.5	
Channel				371500	376000	380500			
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	1	22.83	23.27	23.31	24.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	22.86	23.27	23.22	24.0	0.0	
Channel				370500	376000	381500			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	22.83	23.38	23.33	24.0	0.0	

n5 Ant0 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.92	22.96	22.83			
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0	
20	PI/2 BPSK	1	104	22.88	22.89	22.93			
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5	
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0	
20	PI/2 BPSK	50	56	22.59	22.51	22.46			
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5	
20	QPSK	1	1	23.01	23.06	22.98			
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0	
20	QPSK	1	104	22.89	23.05	22.82			
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0	
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0	
20	QPSK	50	56	22.06	22.09	21.97			
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0	
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0	
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5	
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0	

n26 Ant0 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.14	23.18	22.99			
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	22.98	23.08			
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5	
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0	
20	PI/2 BPSK	50	56	22.77	22.64	22.59			
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5	
20	QPSK	1	1	23.25	23.28	23.14			
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0	
20	QPSK	1	104	23.05	23.28	22.93			
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0	
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0	
20	QPSK	50	56	22.20	22.24	22.18			
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0	
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0	
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5	
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5	
Channel				164300	166300	168300			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0	



n66 Ant0 Main_PA DSI4

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	22.35	22.54	22.36		
40	PV2 BPSK	1	108	22.38	22.56	22.43	24.0	0.0
40	PV2 BPSK	1	214	22.44	22.57	22.46		
40	PV2 BPSK	108	0	21.94	22.02	21.86	23.5	0.5
40	PV2 BPSK	108	54	22.40	22.62	22.36	24.0	0.0
40	PV2 BPSK	108	108	21.98	22.12	21.82		
40	PV2 BPSK	216	0	21.98	22.14	21.89	23.5	0.5
40	QPSK	1	1	22.51	22.71	22.49		
40	QPSK	1	108	22.36	22.53	22.33	24.0	0.0
40	QPSK	1	214	22.41	22.54	22.46		
40	QPSK	108	0	21.50	21.70	21.53	23.0	1.0
40	QPSK	108	54	22.36	22.64	22.32	24.0	0.0
40	QPSK	108	108	21.56	21.65	21.56		
40	QPSK	216	0	21.47	21.76	21.51	23.0	1.0
40	16QAM	1	1	21.51	21.64	21.44	23.0	1.0
40	64QAM	1	1	20.05	20.25	20.00	21.5	2.5
40	256QAM	1	1	18.08	18.26	17.97	19.5	4.5
Channel				345000	349000	353000		
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.50	22.69	22.44	24.0	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.35	22.62	22.33	24.0	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.63	22.33	24.0	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.66	22.42	24.0	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.50	22.57	22.32	24.0	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.39	22.63	22.40	24.0	0.0



n7 Ant1 Main_PA DSI4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.01	23.14	23.11		
50	PI/2 BPSK	1	135	23.02	22.99	23.10	24.0	0.0
50	PI/2 BPSK	1	268	22.95	23.10	23.21		
50	PI/2 BPSK	135	0	22.50	22.56	22.56	23.5	0.5
50	PI/2 BPSK	135	68	23.05	23.12	23.12	24.0	0.0
50	PI/2 BPSK	135	135	22.41	22.57	22.62		
50	PI/2 BPSK	270	0	22.54	22.50	22.57	23.5	0.5
50	QPSK	1	1	23.07	23.25	23.13		
50	QPSK	1	135	22.89	23.07	23.06	24.0	0.0
50	QPSK	1	268	23.02	23.01	23.20		
50	QPSK	135	0	22.12	22.08	22.28	23.0	1.0
50	QPSK	135	68	22.99	23.18	23.17	24.0	0.0
50	QPSK	135	135	21.98	22.09	22.25		
50	QPSK	270	0	22.06	22.21	22.20	23.0	1.0
50	16QAM	1	1	22.05	22.14	22.15	23.0	1.0
50	64QAM	1	1	20.64	20.72	20.69	21.5	2.5
50	256QAM	1	1	18.59	18.64	18.66	19.5	4.5
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.92	23.05	23.02	24.0	0.0
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.85	22.94	23.00	24.0	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.97	23.05	23.11	24.0	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.88	23.06	23.05	24.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.85	22.95	23.03	24.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.92	23.05	24.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.85	22.96	23.16	24.0	0.0



n2 Ant4 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	20.09	20.48	20.16			
20	PI/2 BPSK	1	53	20.09	20.58	20.17	22.0	0.0	
20	PI/2 BPSK	1	104	20.01	20.43	20.06			
20	PI/2 BPSK	50	0	19.65	20.11	19.67	21.5	0.5	
20	PI/2 BPSK	50	28	20.03	20.41	20.18	22.0	0.0	
20	PI/2 BPSK	50	56	19.79	20.14	19.76			
20	PI/2 BPSK	100	0	19.68	20.18	19.63	21.5	0.5	
20	QPSK	1	1	20.21	20.64	20.25			
20	QPSK	1	53	20.17	20.61	20.12	22.0	0.0	
20	QPSK	1	104	20.05	20.57	20.20			
20	QPSK	50	0	19.30	19.67	19.24	21.0	1.0	
20	QPSK	50	28	20.14	20.56	20.07	22.0	0.0	
20	QPSK	50	56	19.20	19.59	19.18			
20	QPSK	100	0	19.29	19.73	19.18	21.0	1.0	
20	16QAM	1	1	19.30	19.70	19.20	21.0	1.0	
20	64QAM	1	1	17.69	18.08	17.67	19.5	2.5	
20	256QAM	1	1	15.79	16.08	15.83	17.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.07	20.61	20.09	22.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	20.16	20.62	20.13	22.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	20.19	20.58	20.13	22.0	0.0	

n66 Ant4 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	20.23	21.14	20.54			
40	PI/2 BPSK	1	108	20.10	20.97	20.54	22.0	0.0	
40	PI/2 BPSK	1	214	20.23	21.02	20.47			
40	PI/2 BPSK	108	0	19.79	20.66	20.03	21.5	0.5	
40	PI/2 BPSK	108	54	20.11	20.99	20.49	22.0	0.0	
40	PI/2 BPSK	108	108	19.81	20.58	20.07			
40	PI/2 BPSK	216	0	19.82	20.60	20.18	21.5	0.5	
40	QPSK	1	1	20.28	21.15	20.61			
40	QPSK	1	108	20.20	21.09	20.44	22.0	0.0	
40	QPSK	1	214	20.13	21.10	20.54			
40	QPSK	108	0	19.33	20.13	19.58	21.0	1.0	
40	QPSK	108	54	20.18	21.10	20.49	22.0	0.0	
40	QPSK	108	108	19.28	20.23	19.56			
40	QPSK	216	0	19.26	20.14	19.54	21.0	1.0	
40	16QAM	1	1	19.22	20.09	19.65	21.0	1.0	
40	64QAM	1	1	17.70	18.70	18.14	19.5	2.5	
40	256QAM	1	1	15.73	16.72	16.06	17.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.22	21.08	20.56	22.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.24	21.07	20.44	22.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.22	21.11	20.43	22.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.09	21.12	20.55	22.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.12	21.04	20.60	22.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.10	20.97	20.57	22.0	0.0	



n38 Ant4 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.89	22.89	22.76	24.0	0.0	
40	PI/2 BPSK	1	53	22.75	22.95	22.48			
40	PI/2 BPSK	1	104	22.75	23.00	22.73			
40	PI/2 BPSK	50	0	22.41	22.51	22.17	23.5	0.5	
40	PI/2 BPSK	50	28	22.61	22.98	22.58	24.0	0.0	
40	PI/2 BPSK	50	56	22.29	22.54	22.18			
40	PI/2 BPSK	100	0	22.43	22.53	22.33	23.5	0.5	
40	QPSK	1	1	22.78	23.10	22.71			
40	QPSK	1	53	22.85	23.13	22.98	24.0	0.0	
40	QPSK	1	104	22.67	22.79	22.65			
40	QPSK	50	0	21.72	21.87	21.74	23.0	1.0	
40	QPSK	50	28	22.79	22.81	22.49	24.0	0.0	
40	QPSK	50	56	21.75	21.83	21.63			
40	QPSK	100	0	21.85	22.12	21.77	23.0	1.0	
40	16QAM	1	1	21.59	22.12	21.64	23.0	1.0	
40	64QAM	1	1	20.29	20.47	20.24	21.5	2.5	
40	256QAM	1	1	18.20	18.44	18.24	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	22.63	22.93	22.76	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	22.75	22.90	22.59	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2550	2595	2610			
20	QPSK	1	1	22.78	22.81	22.80	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	22.79	23.02	22.78	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	22.79	22.96	22.70	24.0	0.0	

n41 Ant4 Main_PA DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.38	23.11	22.33			
100	PI/2 BPSK	1	137	22.61	23.10	22.14	24.0	0.0	
100	PI/2 BPSK	1	271	22.40	23.03	22.21			
100	PI/2 BPSK	135	0	21.97	22.67	21.77	23.5	0.5	
100	PI/2 BPSK	135	69	22.46	22.98	22.18	24.0	0.0	
100	PI/2 BPSK	135	138	22.04	22.68	21.87			
100	PI/2 BPSK	270	0	22.01	22.74	21.79	23.5	0.5	
100	QPSK	1	1	22.42	23.01	22.29			
100	QPSK	1	137	22.72	23.18	22.39	24.0	0.0	
100	QPSK	1	271	22.63	23.10	22.25			
100	QPSK	135	0	21.60	22.15	21.47	23.0	1.0	
100	QPSK	135	69	22.45	23.06	22.24	24.0	0.0	
100	QPSK	135	138	21.45	22.20	21.27			
100	QPSK	270	0	21.46	22.11	21.39	23.0	1.0	
100	16QAM	1	1	21.54	22.05	21.26	23.0	1.0	
100	64QAM	1	1	19.90	20.54	19.88	21.5	2.5	
100	256QAM	1	1	17.93	18.62	17.79	19.5	4.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.58	23.01	22.25	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.63	23.05	22.32	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.62	23.12	22.30	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.99			
60	QPSK	1	1	22.68	23.08	22.37	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.54	23.08	22.35	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.64	23.06	22.33	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.58	23.03	22.27	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.66	23.10	22.25	24.0	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.56	23.01	22.21	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.55	23.16	22.30	24.0	0.0	



Part27Q n78 Ant1 Main_PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	22.95				
100	Pl/2 BPSK	1	137	23.19			24.0	0.0
100	Pl/2 BPSK	1	271	22.97				
100	Pl/2 BPSK	135	0	22.97			24.0	0.0
100	Pl/2 BPSK	135	69	23.13			24.0	0.0
100	Pl/2 BPSK	135	138	22.98				
100	Pl/2 BPSK	270	0	23.00			24.0	0.0
100	QPSK	1	1	22.91				
100	QPSK	1	137	23.13			24.0	0.0
100	QPSK	1	271	23.03				
100	QPSK	135	0	22.93			24.0	0.0
100	QPSK	135	69	22.92			24.0	0.0
100	QPSK	135	138	22.93				
100	QPSK	270	0	23.01			24.0	0.0
100	16QAM	1	1	23.03			24.0	0.0
100	64QAM	1	1	23.00			24.0	0.0
100	256QAM	1	1	22.91			24.0	0.0
Channel				630000	633334	633668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.83	22.84	22.94	24.0	0.0
Channel				632668	633334	634000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.15	23.18	23.12	24.0	0.0
Channel				632334	633334	634334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.01	22.91	22.98	24.0	0.0
Channel				632000	633334	634668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.01	23.05	23.07	24.0	0.0
Channel				631668	633334	635000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	22.91	22.95	24.0	0.0
Channel				631334	633334	635334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.01	23.11	23.06	24.0	0.0
Channel				631000	633334	635668	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.98	22.98	22.87	24.0	0.0
Channel				630834	633334	635834	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.04	22.95	22.96	24.0	0.0
Channel				630668	633334	636000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.09	22.94	22.99	24.0	0.0
Channel				630500	633334	636168	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.87	22.95	23.02	24.0	0.0
Channel				630334	633334	636334	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.02	22.93	22.92	24.0	0.0



Part27Q n78 Ant5 Main_PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	23.60				
100	Pl/2 BPSK	1	137	23.49			24.0	0.0
100	Pl/2 BPSK	1	271	23.45				
100	Pl/2 BPSK	135	0	23.10			23.5	0.5
100	Pl/2 BPSK	135	69	22.67			24.0	0.0
100	Pl/2 BPSK	135	138	23.18			23.5	0.5
100	Pl/2 BPSK	270	0	23.21				
100	QPSK	1	1	23.46				
100	QPSK	1	137	23.67			24.0	0.0
100	QPSK	1	271	23.41				
100	QPSK	135	0	22.66			23.0	1.0
100	QPSK	135	69	23.41			24.0	0.0
100	QPSK	135	138	22.63			23.0	1.0
100	QPSK	270	0	22.65				
100	16QAM	1	1	22.61			23.0	1.0
100	64QAM	1	1	21.05			21.5	2.5
100	256QAM	1	1	18.03			19.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.49	23.53	23.60	24.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.65	23.48	23.61	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.90	23.57	23.57	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.99	23.57	23.55	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.63	23.58	23.57	24.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.59	23.58	23.66	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.50	23.54	23.62	24.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.64	23.55	23.59	24.0	0.0
Channel				630668	633334	635000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.57	23.57	23.55	24.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.56	23.60	23.58	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.55	23.60	24.0	0.0



Part27Q n78 Ant2 Main_PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334	633334			
100	Pl/2 BPSK	1	1	20.62				
100	Pl/2 BPSK	1	137	20.70			21.5	0.0
100	Pl/2 BPSK	1	271	20.46				
100	Pl/2 BPSK	135	0	20.48			21.5	0.0
100	Pl/2 BPSK	135	69	20.69			21.5	0.0
100	Pl/2 BPSK	135	138	20.53			21.5	0.0
100	Pl/2 BPSK	270	0	20.62				
100	QPSK	1	1	20.53				
100	QPSK	1	137	20.59			21.5	0.0
100	QPSK	1	271	20.50				
100	QPSK	135	0	20.59			21.5	0.0
100	QPSK	135	69	20.63			21.5	0.0
100	QPSK	135	138	20.62			21.5	0.0
100	QPSK	270	0	20.55			21.5	0.0
100	16QAM	1	1	20.60			21.5	0.0
100	64QAM	1	1	20.55			21.5	0.0
100	256QAM	1	1	20.62			21.5	0.0
Channel								
Frequency (MHz)				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.46	20.52	20.43	21.5	0.0
Channel								
Frequency (MHz)				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel								
Frequency (MHz)				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel								
Frequency (MHz)				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.45	20.50	20.41	21.5	0.0
Channel								
Frequency (MHz)				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.46	20.50	20.41	21.5	0.0
Channel								
Frequency (MHz)				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.47	20.52	20.42	21.5	0.0
Channel								
Frequency (MHz)				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.47	20.51	20.42	21.5	0.0
Channel								
Frequency (MHz)				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.46	20.52	20.41	21.5	0.0
Channel								
Frequency (MHz)				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.45	20.52	20.41	21.5	0.0
Channel								
Frequency (MHz)				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel								
Frequency (MHz)				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.47	20.51	20.41	21.5	0.0



Part27Q n78 Ant8 Main_PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	22.58				
100	Pl/2 BPSK	1	137	22.89			24.0	0.0
100	Pl/2 BPSK	1	271	22.63				
100	Pl/2 BPSK	135	0	22.64			23.5	0.5
100	Pl/2 BPSK	135	69	22.86			24.0	0.0
100	Pl/2 BPSK	135	138	22.69			23.5	0.5
100	Pl/2 BPSK	270	0	22.68				
100	QPSK	1	1	22.58				
100	QPSK	1	137	22.85			24.0	0.0
100	QPSK	1	271	22.76				
100	QPSK	135	0	22.59			23.0	1.0
100	QPSK	135	69	22.58			24.0	0.0
100	QPSK	135	138	22.67			23.0	1.0
100	QPSK	270	0	22.73				
100	16QAM	1	1	22.66			23.0	1.0
100	64QAM	1	1	22.65			21.5	2.5
100	256QAM	1	1	22.66			19.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.53	22.60	24.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.61	22.52	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.55	22.82	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.50	22.66	22.63	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.65	22.58	22.65	24.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.52	22.56	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.80	22.79	22.75	24.0	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.72	22.71	22.60	24.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.61	22.44	22.52	24.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.59	22.60	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.62	22.56	22.45	24.0	0.0



Reduced Power Mode for DSI6

n2 Ant0 Main_PA DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	19.42	19.96	19.90			
20	PI/2 BPSK	1	53	19.44	19.94	19.83	20.5	0.0	
20	PI/2 BPSK	1	104	19.43	19.93	19.79			
20	PI/2 BPSK	50	0	19.38	19.86	19.80	20.5	0.0	
20	PI/2 BPSK	50	28	19.50	19.93	19.88	20.5	0.0	
20	PI/2 BPSK	50	56	19.36	19.90	19.81			
20	PI/2 BPSK	100	0	19.47	19.88	19.84	20.5	0.0	
20	QPSK	1	1	19.50	19.98	19.88			
20	QPSK	1	53	19.39	19.95	19.84	20.5	0.0	
20	QPSK	1	104	19.37	19.95	19.88			
20	QPSK	50	0	19.44	19.89	19.91	20.5	0.0	
20	QPSK	50	28	19.39	19.95	19.80	20.5	0.0	
20	QPSK	50	56	19.39	19.88	19.85			
20	QPSK	100	0	19.47	19.91	19.89	20.5	0.0	
20	16QAM	1	1	19.43	19.86	19.85	20.5	0.0	
20	64QAM	1	1	19.46	19.93	19.87	20.5	0.0	
20	256QAM	1	1	19.45	19.90	19.78	20.5	0.0	
Channel				371500	376000	380500			MPR
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	19.51	19.94	19.81	20.5	0.0	
Channel				371000	376000	381000			MPR
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	19.43	19.89	19.78	20.5	0.0	
Channel				370500	376000	381500			MPR
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	19.47	19.91	19.93	20.5	0.0	

n5 Ant0 Main_PA DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.92	22.96	22.83			
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0	
20	PI/2 BPSK	1	104	22.88	22.89	22.93			
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5	
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0	
20	PI/2 BPSK	50	56	22.58	22.51	22.46			
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5	
20	QPSK	1	1	23.01	23.06	22.98			
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0	
20	QPSK	1	104	22.89	23.05	22.82			
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0	
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0	
20	QPSK	50	56	22.06	22.09	21.97			
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0	
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0	
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5	
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5	
Channel				166300	167300	168300			MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0	
Channel				165800	167300	168800			MPR
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0	
Channel				165300	167300	169300			MPR
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0	

n26 Ant0 Main_PA DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.14	23.18	22.99			
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	22.98	23.08			
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5	
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0	
20	PI/2 BPSK	50	56	22.77	22.64	22.59			
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5	
20	QPSK	1	1	23.25	23.28	23.14			
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0	
20	QPSK	1	104	23.05	23.28	22.93			
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0	
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0	
20	QPSK	50	56	22.20	22.24	22.18			
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0	
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0	
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5	
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5	
Channel				164300	166300	168300			MPR
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0	
Channel				163800	166300	168800			MPR
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0	
Channel				163300	166300	169300			MPR
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0	



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BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	18.50	18.71	18.52		
40	PV2 BPSK	1	108	18.54	18.69	18.42	20.0	0.0
40	PV2 BPSK	1	214	18.50	18.68	18.50		
40	PV2 BPSK	108	0	18.53	18.73	18.45	20.0	0.0
40	PV2 BPSK	108	54	18.44	18.68	18.47	20.0	0.0
40	PV2 BPSK	108	108	18.56	18.68	18.43	20.0	0.0
40	PV2 BPSK	216	0	18.45	18.70	18.52		
40	QPSK	1	1	18.50	18.55	18.54		
40	QPSK	1	108	18.58	18.67	18.51	20.0	0.0
40	QPSK	1	214	18.51	18.68	18.43		
40	QPSK	108	0	18.56	18.71	18.50	20.0	0.0
40	QPSK	108	54	18.52	18.81	18.46	20.0	0.0
40	QPSK	108	108	18.49	18.79	18.47	20.0	0.0
40	QPSK	216	0	18.53	18.75	18.45		
40	16QAM	1	1	18.57	18.65	18.51	20.0	0.0
40	64QAM	1	1	18.58	18.66	18.52	20.0	0.0
40	256QAM	1	1	18.44	18.63	18.50	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.41	18.63	18.46	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.41	18.62	18.45	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.40	18.64	18.46	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.42	18.62	18.45	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.41	18.62	18.44	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.41	18.51	18.35	20.0	0.0



n7 Ant1 Main_PA DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pl/2 BPSK	1	1	20.06	20.28	20.10		
50	Pl/2 BPSK	1	135	20.11	20.28	20.10	21.0	0.0
50	Pl/2 BPSK	1	268	20.08	20.19	20.08		
50	Pl/2 BPSK	135	0	20.00	20.19	20.15	21.0	0.0
50	Pl/2 BPSK	135	68	20.06	20.18	20.14	21.0	0.0
50	Pl/2 BPSK	135	135	20.07	20.27	20.14		
50	Pl/2 BPSK	270	0	20.11	20.27	20.07	21.0	0.0
50	QPSK	1	1	20.10	20.35	20.18		
50	QPSK	1	135	20.03	20.23	20.07	21.0	0.0
50	QPSK	1	268	20.02	20.31	20.12		
50	QPSK	135	0	20.03	20.19	20.08	21.0	0.0
50	QPSK	135	68	20.01	20.32	20.15	21.0	0.0
50	QPSK	135	135	20.02	20.31	20.11		
50	QPSK	270	0	20.12	20.20	20.06	21.0	0.0
50	16QAM	1	1	20.03	20.18	20.15	21.0	0.0
50	64QAM	1	1	20.03	20.18	20.14	21.0	0.0
50	256QAM	1	1	20.07	20.27	20.17	21.0	0.0
Channel				504000	507000	510000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.14	20.21	20.18	21.0	0.0
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.08	20.23	20.09	21.0	0.0
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.10	20.18	20.13	21.0	0.0
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pl/2 BPSK	1	1	20.07	20.29	20.16	21.0	0.0
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.06	20.31	20.10	21.0	0.0
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.09	20.25	20.15	21.0	0.0
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.04	20.26	20.16	21.0	0.0



n2 Ant4 Main_PA DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	15.79	16.13	15.67			
20	PI/2 BPSK	1	53	15.74	16.18	15.79	17.5	0.0	
20	PI/2 BPSK	1	104	15.73	16.08	15.80			
20	PI/2 BPSK	50	0	15.78	16.13	15.81	17.5	0.0	
20	PI/2 BPSK	50	28	15.63	16.19	15.83	17.5	0.0	
20	PI/2 BPSK	50	56	15.74	16.09	15.83			
20	PI/2 BPSK	100	0	15.78	16.20	15.73	17.5	0.0	
20	QPSK	1	1	15.64	16.23	15.82			
20	QPSK	1	53	15.76	16.18	15.80	17.5	0.0	
20	QPSK	1	104	15.65	16.08	15.79			
20	QPSK	50	0	15.68	16.19	15.78	17.5	0.0	
20	QPSK	50	28	15.74	16.21	15.82	17.5	0.0	
20	QPSK	50	56	15.76	16.13	15.72			
20	QPSK	100	0	15.70	16.15	15.75	17.5	0.0	
20	16QAM	1	1	15.67	16.14	15.76	17.5	0.0	
20	64QAM	1	1	15.71	16.08	15.80	17.5	0.0	
20	256QAM	1	1	15.64	16.19	15.70	17.5	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	15.68	16.07	15.78	17.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	15.74	16.06	15.73	17.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.74	16.12	15.80	17.5	0.0	

n66 Ant4 Main_PA DSI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	17.18	18.12	17.55			
40	PI/2 BPSK	1	108	17.08	18.01	17.56	19.0	0.0	
40	PI/2 BPSK	1	214	17.24	18.05	17.49			
40	PI/2 BPSK	108	0	17.33	18.17	17.54	19.0	0.0	
40	PI/2 BPSK	108	54	17.13	17.94	17.52	19.0	0.0	
40	PI/2 BPSK	108	108	17.35	18.05	17.57			
40	PI/2 BPSK	216	0	17.31	18.09	17.66	19.0	0.0	
40	QPSK	1	1	17.25	18.23	17.65			
40	QPSK	1	108	17.14	18.14	17.43	19.0	0.0	
40	QPSK	1	214	17.15	18.05	17.48			
40	QPSK	108	0	17.35	18.05	17.54	19.0	0.0	
40	QPSK	108	54	17.17	18.15	17.49	19.0	0.0	
40	QPSK	108	108	17.22	18.14	17.62			
40	QPSK	216	0	17.21	18.16	17.56	19.0	0.0	
40	16QAM	1	1	17.17	18.13	17.57	19.0	0.0	
40	64QAM	1	1	17.13	18.14	17.58	19.0	0.0	
40	256QAM	1	1	17.13	18.12	17.55	19.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.10	18.13	17.51	19.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	17.17	18.16	17.55	19.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.16	18.17	17.50	19.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.21	18.12	17.54	19.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.17	18.18	17.51	19.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.12	18.15	17.50	19.0	0.0	



n38 Ant4 Main_PA DSI6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	18.83	19.12	18.84			
40	PI/2 BPSK	1	53	18.89	19.05	19.02	20.0	0.0	
40	PI/2 BPSK	1	104	18.78	19.17	18.95			
40	PI/2 BPSK	50	0	18.82	19.20	18.91	20.0	0.0	
40	PI/2 BPSK	50	28	18.85	19.07	18.97	20.0	0.0	
40	PI/2 BPSK	50	56	18.82	19.09	18.97			
40	PI/2 BPSK	100	0	18.90	19.12	19.05	20.0	0.0	
40	QPSK	1	1	18.79	19.20	19.01			
40	QPSK	1	53	18.80	19.25	18.98	20.0	0.0	
40	QPSK	1	104	18.82	19.17	18.98			
40	QPSK	50	0	18.78	19.20	19.01	20.0	0.0	
40	QPSK	50	28	18.92	19.21	18.96	20.0	0.0	
40	QPSK	50	56	18.88	19.14	18.95			
40	QPSK	100	0	18.86	19.06	18.92	20.0	0.0	
40	16QAM	1	1	18.89	19.20	19.05	20.0	0.0	
40	64QAM	1	1	18.91	19.14	18.91	20.0	0.0	
40	256QAM	1	1	18.82	19.09	19.02	20.0	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.69	19.12	18.91	20.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	18.70	19.12	18.92	20.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	18.69	19.11	18.92	20.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	18.70	19.11	18.93	20.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	18.70	19.12	18.91	20.0	0.0	

n41 Ant4 Main_PA DSI6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.70	19.12	18.44			
100	PI/2 BPSK	1	137	18.65	19.16	18.35	20.0	0.0	
100	PI/2 BPSK	1	271	18.67	19.24	18.46			
100	PI/2 BPSK	135	0	18.72	19.20	18.31	20.0	0.0	
100	PI/2 BPSK	135	69	18.80	19.24	18.36	20.0	0.0	
100	PI/2 BPSK	135	138	18.77	19.14	18.44	20.0	0.0	
100	PI/2 BPSK	270	0	18.66	19.10	18.45			
100	QPSK	1	1	18.78	19.10	18.46			
100	QPSK	1	137	18.79	19.29	18.36	20.0	0.0	
100	QPSK	1	271	18.78	19.24	18.41			
100	QPSK	135	0	18.77	19.21	18.31	20.0	0.0	
100	QPSK	135	69	18.72	19.24	18.32	20.0	0.0	
100	QPSK	135	138	18.78	19.21	18.43			
100	QPSK	270	0	18.79	19.16	18.43	20.0	0.0	
100	16QAM	1	1	18.71	19.17	18.42	20.0	0.0	
100	64QAM	1	1	18.69	19.18	18.34	20.0	0.0	
100	256QAM	1	1	18.71	19.24	18.46	20.0	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.70	19.15	18.28	20.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.71	19.16	18.28	20.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.71	19.15	18.28	20.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.71	19.15	18.28	20.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.71	19.15	18.28	20.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.69	19.14	18.27	20.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.69	19.15	18.26	20.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.70	19.16	18.27	20.0	0.0	
Channel				500100	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	18.69	19.14	18.28	20.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.65	18.89	18.15	20.0	0.0	



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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)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	21.38				
100	Pl/2 BPSK	1	137	21.76			22.5	0.0
100	Pl/2 BPSK	1	271	21.47				
100	Pl/2 BPSK	135	0	21.51			22.5	0.0
100	Pl/2 BPSK	135	69	21.57			22.5	0.0
100	Pl/2 BPSK	135	138	21.48			22.5	0.0
100	Pl/2 BPSK	270	0	21.48				
100	QPSK	1	1	21.37				
100	QPSK	1	137	21.56			22.5	0.0
100	QPSK	1	271	21.56				
100	QPSK	135	0	21.37			22.5	0.0
100	QPSK	135	69	21.36			22.5	0.0
100	QPSK	135	138	21.50			22.5	0.0
100	QPSK	270	0	21.44				
100	16QAM	1	1	21.49			22.5	0.0
100	64QAM	1	1	21.49			22.5	0.0
100	256QAM	1	1	21.36			22.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.57	21.68	21.51	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.55	21.67	21.53	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.56	21.67	21.52	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.57	21.66	21.52	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.56	21.68	21.52	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.56	21.66	21.53	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.55	21.66	21.52	22.5	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.55	21.65	21.53	22.5	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.56	21.67	21.52	22.5	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.56	21.68	21.51	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.51	21.65	21.45	22.5	0.0



Part27Q n78 Ant5 Main_PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	22.24				
100	Pl/2 BPSK	1	137	22.11			22.5	0.0
100	Pl/2 BPSK	1	271	22.16				
100	Pl/2 BPSK	135	0	22.10			22.5	0.0
100	Pl/2 BPSK	135	69	22.21			22.5	0.0
100	Pl/2 BPSK	135	138	22.14			22.5	0.0
100	Pl/2 BPSK	270	0	22.22				
100	QPSK	1	1	22.12				
100	QPSK	1	137	22.25			22.5	0.0
100	QPSK	1	271	22.17				
100	QPSK	135	0	22.10			22.5	0.0
100	QPSK	135	69	22.23			22.5	0.0
100	QPSK	135	138	22.14			22.5	0.0
100	QPSK	270	0	22.13			22.5	0.0
100	16QAM	1	1	22.13			22.5	0.0
100	64QAM	1	1	22.16			22.5	0.0
100	256QAM	1	1	22.10			22.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.07	22.17	22.04	22.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.07	22.17	22.04	22.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.05	22.16	22.03	22.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.05	22.17	22.03	22.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.07	22.16	22.05	22.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.06	22.17	22.04	22.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.05	22.16	22.04	22.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.05	22.16	22.03	22.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.07	22.15	22.03	22.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.07	22.16	22.03	22.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.05	22.16	22.05	22.5	0.0



Part27Q n78 Ant2 Main_PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pl/2 BPSK	1	1		20.62			
100	Pl/2 BPSK	1	137		20.70		21.5	0.0
100	Pl/2 BPSK	1	271		20.46			
100	Pl/2 BPSK	135	0		20.48		21.5	0.0
100	Pl/2 BPSK	135	69		20.69		21.5	0.0
100	Pl/2 BPSK	135	138		20.53			
100	Pl/2 BPSK	270	0		20.62		21.5	0.0
100	QPSK	1	1		20.53			
100	QPSK	1	137		20.59		21.5	0.0
100	QPSK	1	271		20.50			
100	QPSK	135	0		20.59		21.5	0.0
100	QPSK	135	69		20.63		21.5	0.0
100	QPSK	135	138		20.62			
100	QPSK	270	0		20.55		21.5	0.0
100	16QAM	1	1		20.60		21.5	0.0
100	64QAM	1	1		20.55		21.5	0.0
100	256QAM	1	1		20.62		21.5	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.46	20.52	20.43	21.5	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.45	20.50	20.41	21.5	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.46	20.50	20.41	21.5	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.47	20.52	20.42	21.5	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.47	20.51	20.42	21.5	0.0
Channel				630834	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.46	20.52	20.41	21.5	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.45	20.52	20.41	21.5	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.45	20.52	20.42	21.5	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.47	20.51	20.41	21.5	0.0



Part27Q n78 Ant8 Main_PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	22.58				
100	Pl/2 BPSK	1	137	22.89			24.0	0.0
100	Pl/2 BPSK	1	271	22.63				
100	Pl/2 BPSK	135	0	22.64			23.5	0.5
100	Pl/2 BPSK	135	69	22.86			24.0	0.0
100	Pl/2 BPSK	135	138	22.69			23.5	0.5
100	Pl/2 BPSK	270	0	22.68				
100	QPSK	1	1	22.58				
100	QPSK	1	137	22.85			24.0	0.0
100	QPSK	1	271	22.76				
100	QPSK	135	0	22.59			23.0	1.0
100	QPSK	135	69	22.58			24.0	0.0
100	QPSK	135	138	22.67			23.0	1.0
100	QPSK	270	0	22.73				
100	16QAM	1	1	22.66			23.0	1.0
100	64QAM	1	1	22.65			21.5	2.5
100	256QAM	1	1	22.66			19.5	4.5
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.53	22.60	24.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.61	22.52	24.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.61	22.55	22.62	24.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.50	22.66	22.63	24.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.65	22.58	22.65	24.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.45	22.52	22.56	24.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.80	22.79	22.75	24.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.72	22.71	22.60	24.0	0.0
Channel				630668	633334	635000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.61	22.44	22.52	24.0	0.0
Channel				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.59	22.60	24.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.62	22.56	22.45	24.0	0.0



Reduced Power Mode for Other PA DSI6

n2 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR
				Low Ch. / Freq.	Midle Ch. / Freq.	High Ch. / Freq.		
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.05	18.25	18.20		
20	PI/2 BPSK	1	53	18.11	18.22	18.19	19.5	0.0
20	PI/2 BPSK	1	104	17.97	18.23	18.21		
20	PI/2 BPSK	50	0	18.06	18.20	18.28	19.5	0.0
20	PI/2 BPSK	50	28	17.96	18.27	18.21	19.5	0.0
20	PI/2 BPSK	50	56	18.01	18.28	18.26		
20	PI/2 BPSK	100	0	18.02	18.34	18.14	19.5	0.0
20	QPSK	1	1	17.99	18.35	18.20		
20	QPSK	1	53	17.99	18.31	18.21	19.5	0.0
20	QPSK	1	104	18.02	18.27	18.14		
20	QPSK	50	0	18.06	18.18	18.26	19.5	0.0
20	QPSK	50	28	17.98	18.32	18.29	19.5	0.0
20	QPSK	50	56	17.98	18.23	18.16		
20	QPSK	100	0	17.99	18.31	18.20	19.5	0.0
20	16QAM	1	1	17.97	18.27	18.16	19.5	0.0
20	64QAM	1	x	18.09	18.19	18.20	19.5	0.0
20	256QAM	1	1	18.03	18.19	18.27	19.5	0.0
Channel				371500	376000	380500	19.5	MPR
Frequency (MHz)				1837.5	1860	1892.5		
15	QPSK	1	1	17.90	18.15	18.12	19.5	0.0
Channel				371000	376000	381000	19.5	MPR
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.91	18.15	18.12	19.5	0.0
Channel				370500	376000	381500	19.5	MPR
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.90	18.13	18.10	19.5	0.0

n7 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR
				Low Ch. / Freq.	Midle Ch. / Freq.	High Ch. / Freq.		
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.95	18.19	18.14		
50	PI/2 BPSK	1	135	18.04	18.14	18.02	19.0	0.0
50	PI/2 BPSK	1	268	17.94	18.10	18.07		
50	PI/2 BPSK	135	0	18.04	18.13	18.05	19.0	0.0
50	PI/2 BPSK	135	68	18.04	18.23	18.14	19.0	0.0
50	PI/2 BPSK	135	135	17.93	18.14	18.00		
50	PI/2 BPSK	270	0	18.05	18.10	18.04	19.0	0.0
50	QPSK	1	1	18.03	18.29	18.09		
50	QPSK	1	135	18.00	18.10	18.05	19.0	0.0
50	QPSK	1	268	18.04	18.13	18.10		
50	QPSK	135	0	18.06	18.18	18.12	19.0	0.0
50	QPSK	135	68	18.00	18.19	18.12	19.0	0.0
50	QPSK	135	135	17.96	18.10	18.00		
50	QPSK	270	0	17.94	18.17	18.12	19.0	0.0
50	16QAM	1	1	17.92	18.19	18.04	19.0	0.0
50	64QAM	1	1	17.99	18.17	18.05	19.0	0.0
50	256QAM	1	1	18.01	18.23	18.08	19.0	0.0
Channel				504000	507000	510000	19.0	MPR
Frequency (MHz)				2530	2535	2550		
40	QPSK	1	1	17.93	18.01	18.00	19.0	0.0
Channel				503000	507000	511000	19.0	MPR
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.95	18.01	18.01	19.0	0.0
Channel				502500	507000	511500	19.0	MPR
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.93	18.00	18.01	19.0	0.0
Channel				502000	507000	512000	19.0	MPR
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.95	18.01	17.99	19.0	0.0
Channel				501500	507000	512500	19.0	MPR
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.95	17.99	18.00	19.0	0.0
Channel				501000	507000	513000	19.0	MPR
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.94	18.01	18.01	19.0	0.0
Channel				500500	507000	513500	19.0	MPR
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.93	17.89	18.03	19.0	0.0

n66 Ant4 Other_PA

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR
				Low Ch. / Freq.	Midle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.37	19.51	19.38		
40	PI/2 BPSK	1	108	19.31	19.39	19.38	21.0	0.0
40	PI/2 BPSK	1	214	19.26	19.39	19.40		
40	PI/2 BPSK	108	0	19.30	19.52	19.35	21.0	0.0
40	PI/2 BPSK	108	54	19.28	19.47	19.42	21.0	0.0
40	PI/2 BPSK	108	108	19.25	19.49	19.42		
40	PI/2 BPSK	216	0	19.32	19.48	19.45	21.0	0.0
40	QPSK	1	1	19.23	19.53	19.38		
40	QPSK	1	108	19.27	19.44	19.41	21.0	0.0
40	QPSK	1	214	19.25	19.38	19.40		
40	QPSK	108	0	19.25	19.44	19.46	21.0	0.0
40	QPSK	108	54	19.37	19.48	19.38	21.0	0.0
40	QPSK	108	108	19.31	19.37	19.38		
40	QPSK	216	0	19.33	19.45	19.43	21.0	0.0
40	16QAM	1	1	19.25	19.40	19.42	21.0	0.0
40	64QAM	1	1	19.31	19.44	19.42	21.0	0.0
40	256QAM	1	1	19.33	19.51	19.42	21.0	0.0
Channel				345000	349000	353000	19.0	MPR
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.14	19.37	19.32	21.0	0.0
Channel				344500	349000	353500	19.0	MPR
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.17	19.41	19.27	21.0	0.0
Channel				344000	349000	354000	19.0	MPR
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.26	19.46	19.33	21.0	0.0
Channel				343500	349000	354500	19.0	MPR
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.21	19.37	19.38	21.0	0.0
Channel				343000	349000	355000	19.0	MPR
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.20	19.40	19.33	21.0	0.0
Channel				342500	349000	355500	19.0	MPR
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.23	19.41	19.33	21.0	0.0



Reduced Power Mode for DSI7

n2 Ant0 Main_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	15.29	15.80	15.78			
20	PI/2 BPSK	1	53	15.40	15.70	15.64	16.5	0.0	
20	PI/2 BPSK	1	104	15.32	15.83	15.86			
20	PI/2 BPSK	50	0	15.34	15.76	15.76	16.5	0.0	
20	PI/2 BPSK	50	28	15.43	15.74	15.77	16.5	0.0	
20	PI/2 BPSK	50	56	15.36	15.86	15.84			
20	PI/2 BPSK	100	0	15.43	15.71	15.67	16.5	0.0	
20	QPSK	1	1	15.46	16.13	15.85			
20	QPSK	1	53	15.40	15.76	15.73	16.5	0.0	
20	QPSK	1	104	15.42	15.80	15.85			
20	QPSK	50	0	15.48	16.01	15.85	16.5	0.0	
20	QPSK	50	28	15.38	16.08	15.71	16.5	0.0	
20	QPSK	50	56	15.36	15.90	15.99			
20	QPSK	100	0	15.48	16.00	15.95	16.5	0.0	
20	16QAM	1	1	15.36	15.97	15.96	16.5	0.0	
20	64QAM	1	1	15.33	15.91	15.83	16.5	0.0	
20	256QAM	1	1	15.41	15.84	15.91	16.5	0.0	
Channel				371500	376000	380500			MPR
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	15.38	15.76	15.79	16.5	0.0	
Channel				371000	376000	381000			MPR
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	15.38	15.76	15.70	16.5	0.0	
Channel				370500	376000	381500			MPR
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	15.41	15.79	15.69	16.5	0.0	

n5 Ant0 Main_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.92	22.96	22.83			
20	PI/2 BPSK	1	53	22.86	22.96	22.96	24.0	0.0	
20	PI/2 BPSK	1	104	22.88	22.89	22.93			
20	PI/2 BPSK	50	0	22.45	22.56	22.39	23.5	0.5	
20	PI/2 BPSK	50	28	22.96	22.96	22.89	24.0	0.0	
20	PI/2 BPSK	50	56	22.59	22.51	22.46			
20	PI/2 BPSK	100	0	22.47	22.64	22.47	23.5	0.5	
20	QPSK	1	1	23.01	23.06	22.98			
20	QPSK	1	53	22.87	22.99	22.84	24.0	0.0	
20	QPSK	1	104	22.89	23.05	22.82			
20	QPSK	50	0	21.98	22.02	22.04	23.0	1.0	
20	QPSK	50	28	22.97	23.03	22.83	24.0	0.0	
20	QPSK	50	56	22.06	22.09	21.97			
20	QPSK	100	0	22.04	22.05	21.95	23.0	1.0	
20	16QAM	1	1	21.96	22.09	21.97	23.0	1.0	
20	64QAM	1	1	20.57	20.64	20.44	21.5	2.5	
20	256QAM	1	1	18.56	18.54	18.41	19.5	4.5	
Channel				166300	167300	168300			MPR
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.92	22.89	22.89	24.0	0.0	
Channel				165800	167300	168800			MPR
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.97	22.92	22.96	24.0	0.0	
Channel				165300	167300	169300			MPR
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.86	23.02	22.90	24.0	0.0	

n26 Ant0 Main_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.14	23.18	22.99			
20	PI/2 BPSK	1	53	23.06	23.18	23.15	24.0	0.0	
20	PI/2 BPSK	1	104	23.03	22.98	23.08			
20	PI/2 BPSK	50	0	22.64	22.78	22.52	23.5	0.5	
20	PI/2 BPSK	50	28	23.02	23.13	23.03	24.0	0.0	
20	PI/2 BPSK	50	56	22.77	22.64	22.59			
20	PI/2 BPSK	100	0	22.54	22.82	22.68	23.5	0.5	
20	QPSK	1	1	23.25	23.28	23.14			
20	QPSK	1	53	22.96	23.13	22.92	24.0	0.0	
20	QPSK	1	104	23.05	23.28	22.93			
20	QPSK	50	0	22.21	22.10	22.17	23.0	1.0	
20	QPSK	50	28	23.09	23.21	23.05	24.0	0.0	
20	QPSK	50	56	22.20	22.24	22.18			
20	QPSK	100	0	22.11	22.27	22.17	23.0	1.0	
20	16QAM	1	1	22.02	22.20	22.07	23.0	1.0	
20	64QAM	1	1	20.70	20.72	20.62	21.5	2.5	
20	256QAM	1	1	18.79	18.69	18.60	19.5	4.5	
Channel				164300	166300	168300			MPR
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.04	23.08	22.85	24.0	0.0	
Channel				163800	166300	168800			MPR
Frequency (MHz)				819	831.5	844			
10	QPSK	1	1	22.90	22.94	23.03	24.0	0.0	
Channel				163300	166300	169300			MPR
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	22.96	22.89	23.05	24.0	0.0	



n66 Ant0 Main_PA DSI7

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	13.80	14.07	13.89		
40	PV2 BPSK	1	108	13.92	14.06	13.88	15.5	0.0
40	PV2 BPSK	1	214	13.88	14.10	13.93		
40	PV2 BPSK	108	0	13.99	14.04	13.91	15.5	0.0
40	PV2 BPSK	108	54	13.91	14.16	13.91	15.5	0.0
40	PV2 BPSK	108	108	13.95	14.07	13.83	15.5	0.0
40	PV2 BPSK	216	0	13.94	14.10	13.89		
40	QPSK	1	1	13.99	14.30	13.97		
40	QPSK	1	108	13.92	14.01	13.83	15.5	0.0
40	QPSK	1	214	13.94	14.05	13.96		
40	QPSK	108	0	14.06	14.14	14.03	15.5	0.0
40	QPSK	108	54	13.90	14.16	13.79	15.5	0.0
40	QPSK	108	108	14.01	14.15	14.07	15.5	0.0
40	QPSK	216	0	13.99	14.21	14.02		
40	16QAM	1	1	14.01	14.10	13.89	15.5	0.0
40	64QAM	1	1	14.05	14.29	13.99	15.5	0.0
40	256QAM	1	1	14.05	14.15	13.98	15.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765	15.5	0.0
30	QPSK	1	1	13.93	14.10	13.82	15.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1722.5	1745	1767.5	15.5	0.0
25	QPSK	1	1	13.95	14.17	13.82	15.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770	15.5	0.0
20	QPSK	1	1	13.85	14.13	13.87	15.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5	15.5	0.0
15	QPSK	1	1	13.92	14.13	13.87	15.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775	15.5	0.0
10	QPSK	1	1	13.91	14.15	13.82	15.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1777.5	15.5	0.0
5	QPSK	1	1	13.92	14.10	13.86	15.5	0.0



n2 Ant4 Main_PA DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	11.62	11.99	11.72			
20	PI/2 BPSK	1	53	11.53	12.11	11.72	13.5	0.0	
20	PI/2 BPSK	1	104	11.57	11.94	11.57			
20	PI/2 BPSK	50	0	11.60	12.10	11.65	13.5	0.0	
20	PI/2 BPSK	50	28	11.53	11.88	11.64	13.5	0.0	
20	PI/2 BPSK	50	56	11.78	12.13	11.74			
20	PI/2 BPSK	100	0	11.73	12.23	11.80	13.5	0.0	
20	QPSK	1	1	11.72	12.35	11.76			
20	QPSK	1	53	11.64	12.09	11.63	13.5	0.0	
20	QPSK	1	104	11.52	12.13	11.65			
20	QPSK	50	0	11.76	12.12	11.70	13.5	0.0	
20	QPSK	50	28	11.67	12.21	11.52	13.5	0.0	
20	QPSK	50	56	11.70	12.05	11.71			
20	QPSK	100	0	11.77	12.25	11.63	13.5	0.0	
20	16QAM	1	1	11.84	12.18	11.70	13.5	0.0	
20	64QAM	1	1	11.70	12.06	11.63	13.5	0.0	
20	256QAM	1	1	11.74	12.10	11.87	13.5	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	11.59	12.05	11.71	13.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	11.62	12.03	11.64	13.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	11.60	12.08	11.64	13.5	0.0	

n66 Ant4 Main_PA DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	14.17	15.12	14.51			
40	PI/2 BPSK	1	108	14.09	14.94	14.49	16.0	0.0	
40	PI/2 BPSK	1	214	14.18	14.98	14.45			
40	PI/2 BPSK	108	0	14.30	15.21	14.58	16.0	0.0	
40	PI/2 BPSK	108	54	14.06	14.99	14.50	16.0	0.0	
40	PI/2 BPSK	108	108	14.31	15.04	14.57			
40	PI/2 BPSK	216	0	14.34	15.13	14.70	16.0	0.0	
40	QPSK	1	1	14.33	15.24	14.59			
40	QPSK	1	108	14.22	15.11	14.43	16.0	0.0	
40	QPSK	1	214	14.11	15.15	14.54			
40	QPSK	108	0	14.37	15.12	14.63	16.0	0.0	
40	QPSK	108	54	14.15	15.24	14.53	16.0	0.0	
40	QPSK	108	108	14.33	15.02	14.58			
40	QPSK	216	0	14.28	15.18	14.54	16.0	0.0	
40	16QAM	1	1	14.18	15.07	14.60	16.0	0.0	
40	64QAM	1	1	14.21	15.20	14.69	16.0	0.0	
40	256QAM	1	1	14.18	15.17	14.58	16.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	14.27	15.07	14.46	16.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	14.29	15.07	14.48	16.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	14.22	15.05	14.51	16.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.29	15.11	14.44	16.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	14.20	15.06	14.48	16.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.25	15.05	14.45	16.0	0.0	



n38 Ant4 Main_PA DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	10.70	10.90	10.80			
40	PI/2 BPSK	1	53	10.74	10.93	10.44	12.0	0.0	
40	PI/2 BPSK	1	104	10.71	11.00	10.67			
40	PI/2 BPSK	50	0	10.93	10.96	10.63	12.0	0.0	
40	PI/2 BPSK	50	28	10.63	11.00	10.60	12.0	0.0	
40	PI/2 BPSK	50	56	10.82	11.05	10.68			
40	PI/2 BPSK	100	0	10.96	10.99	10.83	12.0	0.0	
40	QPSK	1	1	10.80	11.12	10.72			
40	QPSK	1	53	10.81	11.16	10.84	12.0	0.0	
40	QPSK	1	104	10.62	10.77	10.67			
40	QPSK	50	0	10.76	10.85	10.78	12.0	0.0	
40	QPSK	50	28	10.80	10.89	10.48	12.0	0.0	
40	QPSK	50	56	10.77	10.84	10.59			
40	QPSK	100	0	10.85	11.15	10.72	12.0	0.0	
40	16QAM	1	1	10.65	11.09	10.59	12.0	0.0	
40	64QAM	1	1	10.80	11.01	10.69	12.0	0.0	
40	256QAM	1	1	10.75	10.92	10.69	12.0	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	10.79	11.03	10.84	12.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	1	10.77	11.08	10.81	12.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	10.84	11.03	10.88	12.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	10.86	11.01	10.87	12.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	10.76	11.10	10.81	12.0	0.0	

n41 Ant4 Main_PA DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	10.36	11.16	10.37			
100	PI/2 BPSK	1	137	10.58	11.16	10.10	12.0	0.0	
100	PI/2 BPSK	1	271	10.39	10.99	10.15			
100	PI/2 BPSK	135	0	10.46	11.17	10.31	12.0	0.0	
100	PI/2 BPSK	135	69	10.42	10.94	10.15	12.0	0.0	
100	PI/2 BPSK	135	138	10.55	11.13	10.32			
100	PI/2 BPSK	270	0	10.51	11.14	10.28	12.0	0.0	
100	QPSK	1	1	10.46	10.98	10.27			
100	QPSK	1	137	10.72	11.15	10.35	12.0	0.0	
100	QPSK	1	271	10.86	11.12	10.21			
100	QPSK	135	0	10.58	11.14	10.46	12.0	0.0	
100	QPSK	135	69	10.46	11.20	10.27	12.0	0.0	
100	QPSK	135	138	10.49	11.06	10.25			
100	QPSK	270	0	10.45	11.16	10.42	12.0	0.0	
100	16QAM	1	1	10.54	10.99	10.26	12.0	0.0	
100	64QAM	1	1	10.43	11.06	10.40	12.0	0.0	
100	256QAM	1	1	10.46	11.13	10.25	12.0	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	10.60	11.03	10.22	12.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	10.67	11.05	10.26	12.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	10.64	11.01	10.28	12.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	10.64	11.03	10.27	12.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	10.60	10.99	10.31	12.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	10.57	11.02	10.26	12.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	10.58	11.03	10.19	12.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	10.66	11.07	10.20	12.0	0.0	
Channel				500200	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	10.62	11.06	10.19	12.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	10.61	11.10	10.21	12.0	0.0	



n7 Ant1 Main_PA DSI7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pl/2 BPSK	1	1	17.65	17.76	17.70		
50	Pl/2 BPSK	1	135	17.56	17.60	17.67	19.0	0.0
50	Pl/2 BPSK	1	268	17.52	17.70	17.84		
50	Pl/2 BPSK	135	0	17.60	17.61	17.63	19.0	0.0
50	Pl/2 BPSK	135	68	17.62	17.66	17.78	19.0	0.0
50	Pl/2 BPSK	135	135	17.46	17.69	17.67		
50	Pl/2 BPSK	270	0	17.69	17.57	17.65	19.0	0.0
50	QPSK	1	1	17.67	17.95	17.73		
50	QPSK	1	135	17.48	17.61	17.68	19.0	0.0
50	QPSK	1	268	17.63	17.60	17.78		
50	QPSK	135	0	17.75	17.69	17.83	19.0	0.0
50	QPSK	135	68	17.65	17.89	17.81	19.0	0.0
50	QPSK	135	135	17.60	17.70	17.73		
50	QPSK	270	0	17.66	17.82	17.75	19.0	0.0
50	16QAM	1	1	17.81	17.76	17.69	19.0	0.0
50	64QAM	1	1	17.77	17.80	17.74	19.0	0.0
50	256QAM	1	1	17.71	17.77	17.79	19.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.62	17.72	17.63	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.52	17.79	17.63	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.54	17.80	17.67	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pl/2 BPSK	1	1	17.62	17.70	17.68	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.62	17.80	17.67	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.57	17.71	17.66	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.61	17.74	17.65	19.0	0.0



Part27Q n78 Ant1 Main_PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	19.18				
100	Pl/2 BPSK	1	137	20.17			21.0	0.0
100	Pl/2 BPSK	1	271	19.95				
100	Pl/2 BPSK	135	0	19.96			21.0	0.0
100	Pl/2 BPSK	135	69	20.09			21.0	0.0
100	Pl/2 BPSK	135	138	20.01				
100	Pl/2 BPSK	270	0	20.05			21.0	0.0
100	QPSK	1	1	19.93				
100	QPSK	1	137	20.08			21.0	0.0
100	QPSK	1	271	20.04				
100	QPSK	135	0	19.90			21.0	0.0
100	QPSK	135	69	19.87			21.0	0.0
100	QPSK	135	138	19.92				
100	QPSK	270	0	19.96			21.0	0.0
100	16QAM	1	1	20.09			21.0	0.0
100	64QAM	1	1	19.94			21.0	0.0
100	256QAM	1	1	19.87			21.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.83	19.79	19.96	21.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.86	19.87	19.91	21.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.78	19.79	19.90	21.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.82	19.83	19.89	21.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.82	19.80	20.00	21.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.85	19.87	19.91	21.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.85	19.85	19.95	21.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.89	19.88	19.93	21.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.84	19.85	19.98	21.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.77	19.85	19.99	21.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.81	19.79	19.96	21.0	0.0



Part27Q n78 Ant5 Main_PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	17.64				
100	Pl/2 BPSK	1	137	17.43			18.0	0.0
100	Pl/2 BPSK	1	271	17.50				
100	Pl/2 BPSK	135	0	17.65			18.0	0.0
100	Pl/2 BPSK	135	69	16.62			18.0	0.0
100	Pl/2 BPSK	135	138	17.64			18.0	0.0
100	Pl/2 BPSK	270	0	17.72				
100	QPSK	1	1	17.72				
100	QPSK	1	137	17.78			18.0	0.0
100	QPSK	1	271	17.38				
100	QPSK	135	0	17.64			18.0	0.0
100	QPSK	135	69	17.85			18.0	0.0
100	QPSK	135	138	17.63			18.0	0.0
100	QPSK	270	0	17.61			18.0	0.0
100	16QAM	1	1	17.58			18.0	0.0
100	64QAM	1	1	17.58			18.0	0.0
100	256QAM	1	1	16.58			18.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.31	17.29	17.45	18.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.31	17.29	17.45	18.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.34	17.31	17.45	18.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.32	17.31	17.36	18.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.34	17.33	17.36	18.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.27	17.28	17.43	18.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.26	17.31	17.45	18.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.29	17.33	17.43	18.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.24	17.32	17.36	18.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.26	17.29	17.46	18.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.35	17.36	17.36	18.0	0.0



Part27Q n78 Ant2 Main_PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	Pl/2 BPSK	1	1	19.19				
100	Pl/2 BPSK	1	137	19.23			20.0	0.0
100	Pl/2 BPSK	1	271	18.95				
100	Pl/2 BPSK	135	0	19.03			20.0	0.0
100	Pl/2 BPSK	135	69	19.20			20.0	0.0
100	Pl/2 BPSK	135	138	19.00			20.0	0.0
100	Pl/2 BPSK	270	0	19.10				
100	QPSK	1	1	19.14				
100	QPSK	1	137	19.17			20.0	0.0
100	QPSK	1	271	19.06				
100	QPSK	135	0	19.12			20.0	0.0
100	QPSK	135	69	19.12			20.0	0.0
100	QPSK	135	138	19.10			20.0	0.0
100	QPSK	270	0	19.09			20.0	0.0
100	16QAM	1	1	19.08			20.0	0.0
100	64QAM	1	1	19.10			20.0	0.0
100	256QAM	1	1	19.13			20.0	0.0
Channel				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.58	18.58	18.56	20.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.50	18.50	18.59	20.0	0.0
Channel				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.57	18.55	18.51	20.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.54	18.57	18.52	20.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.48	18.59	18.60	20.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.52	18.59	18.60	20.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.56	18.61	18.50	20.0	0.0
Channel				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.54	18.61	18.51	20.0	0.0
Channel				630334	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.58	18.54	18.61	20.0	0.0
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.58	18.55	18.58	20.0	0.0
Channel				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.56	18.62	18.57	20.0	0.0



Part27Q n78 Ant8 Main_PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334	633334			
100	Pl/2 BPSK	1	1	18.11				
100	Pl/2 BPSK	1	137	18.56			19.0	0.0
100	Pl/2 BPSK	1	271	18.15				
100	Pl/2 BPSK	135	0	18.33			19.0	0.0
100	Pl/2 BPSK	135	69	18.39			19.0	0.0
100	Pl/2 BPSK	135	138	18.35				
100	Pl/2 BPSK	270	0	18.31			19.0	0.0
100	QPSK	1	1	18.41				
100	QPSK	1	137	18.39			19.0	0.0
100	QPSK	1	271	18.29				
100	QPSK	135	0	17.98			19.0	0.0
100	QPSK	135	69	18.26			19.0	0.0
100	QPSK	135	138	17.99				
100	QPSK	270	0	18.23			19.0	0.0
100	16QAM	1	1	18.37			19.0	0.0
100	64QAM	1	1	18.24			19.0	0.0
100	256QAM	1	1	18.17			19.0	0.0
Channel								
Frequency (MHz)				633000	633334	633668		
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.50	17.41	17.46	19.0	0.0
Channel								
Frequency (MHz)				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.44	17.40	17.57	19.0	0.0
Channel								
Frequency (MHz)				632334	633334	634334		
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.41	17.43	17.48	19.0	0.0
Channel								
Frequency (MHz)				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.51	17.41	17.56	19.0	0.0
Channel								
Frequency (MHz)				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.47	17.36	17.47	19.0	0.0
Channel								
Frequency (MHz)				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.44	17.40	17.51	19.0	0.0
Channel								
Frequency (MHz)				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.49	17.43	17.53	19.0	0.0
Channel								
Frequency (MHz)				630634	633334	635834		
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.44	17.37	17.47	19.0	0.0
Channel								
Frequency (MHz)				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.43	17.32	17.48	19.0	0.0
Channel								
Frequency (MHz)				630500	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.45	17.42	17.48	19.0	0.0
Channel								
Frequency (MHz)				630334	633334	636334		
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.50	17.43	17.48	19.0	0.0



Reduced Power Mode for Other PA DSI7

n2 Ant4 Other_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	14.06	14.34	14.28			
20	PI/2 BPSK	1	53	13.97	14.28	14.24	15.5	0.0	
20	PI/2 BPSK	1	104	14.01	14.29	14.21			
20	PI/2 BPSK	50	0	14.04	14.28	14.16	15.5	0.0	
20	PI/2 BPSK	50	28	13.95	14.28	14.15	15.5	0.0	
20	PI/2 BPSK	50	56	14.08	14.28	14.21			
20	PI/2 BPSK	100	0	13.95	14.28	14.21	15.5	0.0	
20	QPSK	1	1	14.02	14.39	14.21			
20	QPSK	1	53	14.06	14.27	14.23	15.5	0.0	
20	QPSK	1	104	14.00	14.33	14.27			
20	QPSK	50	0	13.97	14.32	14.27	15.5	0.0	
20	QPSK	50	28	14.07	14.35	14.13	15.5	0.0	
20	QPSK	50	56	14.03	14.25	14.17			
20	QPSK	100	0	13.98	14.30	14.16	15.5	0.0	
20	16QAM	1	1	14.07	14.23	14.19	15.5	0.0	
20	64QAM	1	x	13.99	14.22	14.20	15.5	0.0	
20	256QAM	1	1	14.08	14.27	14.22	15.5	0.0	
Channel				371500	376000	380500			MPR
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	13.92	14.23	14.12	15.5	0.0	
Channel				371000	376000	381000			MPR
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	13.93	14.23	14.13	15.5	0.0	
Channel				370500	376000	381500			MPR
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	13.94	14.21	14.11	15.5	0.0	

n7 Ant4 Other_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	PI/2 BPSK	1	1	11.03	11.12	11.08			
50	PI/2 BPSK	1	135	10.91	11.20	11.03	12.0	0.0	
50	PI/2 BPSK	1	268	11.03	11.21	11.08			
50	PI/2 BPSK	135	0	10.95	11.07	11.05	12.0	0.0	
50	PI/2 BPSK	135	68	10.99	11.08	11.11	12.0	0.0	
50	PI/2 BPSK	135	135	11.02	11.10	11.06			
50	PI/2 BPSK	270	0	10.93	11.16	11.04	12.0	0.0	
50	QPSK	1	1	10.98	11.35	11.10			
50	QPSK	1	135	10.97	11.11	11.11	12.0	0.0	
50	QPSK	1	268	11.02	11.18	11.02			
50	QPSK	135	0	10.96	11.16	11.04	12.0	0.0	
50	QPSK	135	68	11.02	11.18	11.03	12.0	0.0	
50	QPSK	135	135	10.94	11.15	11.01			
50	QPSK	270	0	11.04	11.20	11.14	12.0	0.0	
50	16QAM	1	1	11.01	11.16	11.00	12.0	0.0	
50	64QAM	1	1	11.01	11.08	11.13	12.0	0.0	
50	256QAM	1	1	10.96	11.15	11.06	12.0	0.0	
Channel				504000	507000	510000			MPR
Frequency (MHz)				2530	2535	2550			
40	QPSK	1	1	10.89	11.00	11.00	12.0	0.0	
Channel				503000	507000	511000			MPR
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	10.90	11.00	11.00	12.0	0.0	
Channel				502500	507000	511500			MPR
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	10.88	11.01	11.02	12.0	0.0	
Channel				502000	507000	512000			MPR
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	10.88	10.99	11.02	12.0	0.0	
Channel				501500	507000	512500			MPR
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	10.89	11.01	11.01	12.0	0.0	
Channel				501000	507000	513000			MPR
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	10.88	11.01	11.00	12.0	0.0	
Channel				500500	507000	513500			MPR
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	10.89	11.00	10.95	12.0	0.0	

n66 Ant4 Other_PA DSI7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	16.34	16.52	16.39			
40	PI/2 BPSK	1	108	16.28	16.49	16.37	18.0	0.0	
40	PI/2 BPSK	1	214	16.34	16.50	16.36			
40	PI/2 BPSK	108	0	16.28	16.43	16.36	18.0	0.0	
40	PI/2 BPSK	108	54	16.25	16.37	16.43	18.0	0.0	
40	PI/2 BPSK	108	108	16.27	16.43	16.39			
40	PI/2 BPSK	216	0	16.28	16.50	16.40	18.0	0.0	
40	QPSK	1	1	16.37	16.53	16.42			
40	QPSK	1	108	16.33	16.40	16.43	18.0	0.0	
40	QPSK	1	214	16.30	16.37	16.44			
40	QPSK	108	0	16.27	16.41	16.46	18.0	0.0	
40	QPSK	108	54	16.38	16.49	16.46	18.0	0.0	
40	QPSK	108	108	16.38	16.48	16.46			
40	QPSK	216	0	16.33	16.41	16.33	18.0	0.0	
40	16QAM	1	1	16.29	16.44	16.37	18.0	0.0	
40	64QAM	1	1	16.37	16.39	16.39	18.0	0.0	
40	256QAM	1	1	16.29	16.43	16.35	18.0	0.0	
Channel				345000	349000	353000			MPR
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	16.28	16.43	16.32	18.0	0.0	
Channel				344500	349000	353500			MPR
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	16.28	16.43	16.34	18.0	0.0	
Channel				344000	349000	354000			MPR
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	16.27	16.43	16.32	18.0	0.0	
Channel				343500	349000	354500			MPR
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.29	16.43	16.34	18.0	0.0	
Channel				343000	349000	355000			MPR
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	16.27	16.44	16.33	18.0	0.0	
Channel				342500	349000	355500			MPR
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	16.21	16.35	16.31	18.0	0.0	



<2.4GHz WLAN>

Art 6			Full power		Standalone for Extremity		Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Simultaneous for Head Standalone for Body-worn		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	18.52	20.0	17.48	19.0	13.53	15.0	11.57	13.0	11.54	13.0	99.30
	6	2437	18.58	20.0	17.63	19.0	13.65	15.0	11.64	13.0	11.64	13.0	
	11	2462	18.66	20.0	17.71	19.0	13.71	15.0	11.71	13.0	11.71	13.0	
	16	2487	18.75	19.5	14.65	16.5	13.88	15.0	11.71	13.0	11.71	13.0	
	21	2512	18.85	19.5	14.85	16.5	13.98	15.0	11.71	13.0	11.71	13.0	
	26	2537	18.95	19.5	15.05	16.5	14.08	15.0	11.71	13.0	11.71	13.0	
802.11g 6Mbps	1	2412	14.85	16.5	14.65	16.5	13.88	15.0	11.57	13.0	11.54	13.0	98.00
	2	2417	17.49	19.0	17.49	19.0	15.0	15.0	13.0	13.0	13.0	13.0	
	6	2437	17.12	18.5	17.12	18.5	15.0	15.0	13.0	13.0	13.0	13.0	
	10	2457	18.05	19.5	17.25	18.5	15.0	15.0	13.0	13.0	13.0	13.0	
	11	2462	13.72	15.0	13.72	15.0	15.0	15.0	13.0	13.0	13.0	13.0	
	16	2487	17.54	18.5	17.54	18.5	15.0	15.0	13.0	13.0	13.0	13.0	
802.11n-HT20 MCS0	1	2412	13.63	15.0	13.63	15.0	15.0	15.0	13.0	13.0	13.0	13.0	97.00
	2	2417	17.83	18.5	17.83	18.5	15.0	15.0	13.0	13.0	13.0	13.0	
	6	2437	17.54	18.5	17.54	18.5	15.0	15.0	13.0	13.0	13.0	13.0	
	10	2457	17.47	19.0	17.47	19.0	15.0	15.0	13.0	13.0	13.0	13.0	
	11	2462	16.95	12.5	16.95	12.5	15.0	15.0	13.0	13.0	13.0	13.0	
	16	2487	13.24	14.5	13.24	14.5	15.0	15.0	13.0	13.0	13.0	13.0	
802.11n-HT40 MCS0	4	2427	14.47	16.0	14.47	16.0	15.0	15.0	13.0	13.0	13.0	13.0	98.00
	6	2437	15.46	17.0	15.46	17.0	15.0	15.0	13.0	13.0	13.0	13.0	
	8	2447	15.19	16.5	15.19	16.5	15.0	15.0	13.0	13.0	13.0	13.0	
	9	2452	10.43	12.0	10.43	12.0	15.0	15.0	13.0	13.0	13.0	13.0	
	10	2457	17.47	19.0	17.47	19.0	15.0	15.0	13.0	13.0	13.0	13.0	
	11	2462	16.95	12.5	16.95	12.5	15.0	15.0	13.0	13.0	13.0	13.0	

<5.2GHz WLAN>

Art 6			Full power		Standalone for Extremity		Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Simultaneous for Head Standalone for Body-worn		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	16.42	18.0	16.42	18.0	15.0	15.0	11.0	11.0	11.0	11.0	95.44
	40	5200	17.36	19.5	16.45	18.0	15.0	15.0	11.0	11.0	11.0	11.0	
	44	5220	17.79	19.5	16.25	18.0	15.0	15.0	11.0	11.0	11.0	11.0	
	48	5240	17.72	19.5	16.19	18.0	15.0	15.0	11.0	11.0	11.0	11.0	
	36	5180	16.62	17.0	17.0	17.0	15.0	15.0	11.0	11.0	11.0	11.0	
	40	5200	12.32	14.0	12.32	14.0	15.0	15.0	11.0	11.0	11.0	11.0	
802.11n-HT20 MCS0	44	5220	16.96	18.5	16.96	18.5	15.0	15.0	11.0	11.0	11.0	11.0	95.22
	48	5240	16.87	18.5	16.87	18.5	15.0	15.0	11.0	11.0	11.0	11.0	
	36	5180	12.32	14.0	12.32	14.0	15.0	15.0	11.0	11.0	11.0	11.0	
	44	5220	16.96	18.5	16.96	18.5	15.0	15.0	11.0	11.0	11.0	11.0	
	48	5240	16.87	18.5	16.87	18.5	15.0	15.0	11.0	11.0	11.0	11.0	
	36	5180	12.32	14.0	12.32	14.0	15.0	15.0	11.0	11.0	11.0	11.0	
802.11n-VHT20 MCS0	40	5200	11.45	13.0	11.45	13.0	15.0	15.0	11.0	11.0	11.0	11.0	94.69
	44	5220	17.27	19.0	17.27	19.0	15.0	15.0	11.0	11.0	11.0	11.0	
	48	5240	17.07	18.5	17.07	18.5	15.0	15.0	11.0	11.0	11.0	11.0	
	36	5180	12.32	14.0	12.32	14.0	15.0	15.0	11.0	11.0	11.0	11.0	
	40	5200	11.45	13.0	11.45	13.0	15.0	15.0	11.0	11.0	11.0	11.0	
	44	5220	17.27	19.0	17.27	19.0	15.0	15.0	11.0	11.0	11.0	11.0	
802.11ac-VHT40 MCS0	46	5230	15.71	17.5	15.71	17.5	15.0	15.0	11.0	11.0	11.0	11.0	90.34
	48	5240	15.67	17.5	15.67	17.5	15.0	15.0	11.0	11.0	11.0	11.0	
	46	5230	15.71	17.5	15.71	17.5	15.0	15.0	11.0	11.0	11.0	11.0	
	48	5240	15.67	17.5	15.67	17.5	15.0	15.0	11.0	11.0	11.0	11.0	
	46	5230	15.71	17.5	15.71	17.5	15.0	15.0	11.0	11.0	11.0	11.0	
	48	5240	15.67	17.5	15.67	17.5	15.0	15.0	11.0	11.0	11.0	11.0	
802.11ac-VHT80 MCS0	42	5210	13.69	15.0	13.69	15.0	15.0	13.69	9.85	11.0	9.85	11.0	94.16
	42	5210	13.69	15.0	13.69	15.0	15.0	13.69	9.85	11.0	9.85	11.0	

<5.3GHz WLAN>

Art 6			Full power		Standalone for Extremity		Standalone for Head Standalone for Body-worn		Simultaneous for Extremity		Simultaneous for Head Standalone for Body-worn		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	42	5260	18.28	20.0	16.25	18.0	15.0	15.0	14.0	14.0	14.0	14.0	95.44	
	46	5280	18.05	19.5	16.03	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	60	5300	18.23	20.0	16.11	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	64	5320	18.14	19.5	16.01	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	62	5290	17.49	19.0	16.01	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	56	5280	17.33	19.0	16.0	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
802.11n-HT20 MCS0	60	5300	17.48	19.0	16.0	18.0	15.0	15.0	14.0	14.0	14.0	14.0	95.22	
	64	5320	17.39	19.0	16.0	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	54	5270	14.36	16.5	14.36	16.5	15.0	15.0	14.0	14.0	14.0	14.0		
	62	5290	14.20	16.5	14.20	16.5	15.0	15.0	14.0	14.0	14.0	14.0		
	52	5260	11.43	13.0	11.43	13.0	15.0	15.0	14.0	14.0	14.0	14.0		
	56	5280	17.80	19.0	16.0	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
802.11n-VHT20 MCS0	60	5300	12.81	14.0	12.81	14.0	15.0	15.0	14.0	14.0	14.0	14.0	94.69	
	64	5320	17.65	19.0	16.0	18.0	15.0	15.0	14.0	14.0	14.0	14.0		
	54	5270	15.52	17.0	15.52	17.0	15.0	15.0	14.0	14.0	14.0	14.0		
	62	5290	14.75	16.0	14.75	16.0	15.0	15.0	14.0	14.0	14.0	14.0		
	54	5270	15.52	17.0	15.52	17.0	15.0	15.0	14.0	14.0	14.0	14.0		
	62	5290	14.75	16.0	14.75	16.0	15.0	15.0	14.0	14.0	14.0	14.0		
802.11ac-VHT80 MCS0	58	5290	14.87	16.0	14.87	16.0	15.0	13.45	14.0	12.35	14.0	9.78	11.0	94.16
	58	5290	14.87	16.0	14.87	16.0	15.0	13.45	14.0	12.35	14.0	9.78	11.0	

<5.5GHz WLAN>

Art 6			Full power		Simultaneous for Extremity		Standalone for Head Standalone for Body-worn		Standalone for Body-worn		Simultaneous for Head Standalone for Body-worn		Simultaneous for Body-worn		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5900	17.81	19.5	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	95.44
	116	5980	18.14	20.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	124	6020	18.44	20.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	132	6060	18.05	20.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	140	6100	13.22	14.5	14.5	14.5	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	144	6120	17.85	19.5	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
802.11n-HT20 MCS0	100	5900	11.12	13.0	11.12	13.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	95.22
	116	5980	17.37	19.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	124	6020	17.54	19.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	132	6060	17.62	19.0	17.0	17.0	14.0	14.0	13.0	13.0	13.0	13.0	13.0	13.0	
	140	6100	12.49	14.0											

<Bluetooth>

Mode	Channel	Frequency (MHz)	Aval		
			100µs	10µs	1µs
BR / EDR	CH 00	2402	11.51	9.45	9.43
	CH 39	2441	12.05	9.82	9.82
	CH 38	2480	11.90	9.21	9.25
	Take-up Limit		13.5	11.5	11.5

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			100µs	10µs	1µs
LE	CH 00	2402		11.52	
	CH 19	2440		11.97	
	CH 39	2479		11.68	
	Take-up Limit			13.00	

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			100µs	10µs	1µs
LE	CH 01	2404		11.14	
	CH 19	2440		11.84	
	CH 38	2478		11.55	
	Take-up Limit			13.00	