

### Full & Default Power & DS14\_Main PA

GSM850 Ant 0								
GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	199	251		128	199	251	
TX Channel	128.2	136.4	143.8	124.2	132.4	141.8		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	32.40	32.41	32.50	33.50	23.43	23.44	23.50	
GPRS 1 Tx slot	32.40	32.37	32.42	33.50	23.40	23.37	23.42	
GPRS 2 Tx slots	30.37	30.55	30.55	31.50	24.37	24.56	24.55	
GPRS 3 Tx slots	29.55	29.50	29.71	29.50	24.22	24.33	24.47	
GPRS 4 Tx slots	26.25	26.38	26.57	27.50	23.25	23.38	23.57	

  

GSM1900 Ant 0								
GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	512.2	561.4	610.8	452.2	461.4	510.8		
Frequency (MHz)	1852.2	1868.4	1884.8	1852.2	1868.4	1884.8		
GSM 1 Tx slot	29.38	29.47	29.65	30.50	20.38	20.47	20.65	
GPRS 1 Tx slot	29.34	29.46	29.58	30.50	20.34	20.46	20.58	
GPRS 2 Tx slots	27.03	27.40	27.22	28.50	21.03	21.40	21.22	
GPRS 3 Tx slots	25.38	25.53	25.75	26.50	21.12	21.27	21.53	
GPRS 4 Tx slots	23.61	23.76	23.64	25.50	20.61	20.76	20.84	

  

WCDMA II Ant 0							WCDMA V Ant 0						
WCDMA II Ant 0	Burst Average Power (dBm)			Tune-up Limit	WCDMA II			Tune-up Limit	WCDMA V			Tune-up Limit	
	9262	9400	9538		4132	4182	4233		4132	4182	4233		
TX Channel	9262.2	9362.4	9462.8	8262.2	8362.4	8462.8	7262.2	7362.4	7462.8	6262.2	6362.4	6462.8	
Frequency (MHz)	1852.2	1868.4	1884.8	1852.2	1868.4	1884.8	1852.2	1868.4	1884.8	1852.2	1868.4	1884.8	
Rx Channel	9662	9800	9938	4357	4407	4458	4357	4407	4458	4357	4407	4458	
3GPP Rel 99	RMC 12.2Kbps	22.55	22.57	22.52	24.00	22.85	22.98	22.75	24.00	22.85	22.98	22.75	



LTE Band 2 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				18700	18900	19100	24	0
Frequency (MHz)				1890	1890	1900		
20	QPSK	1	0	23.04	23.13	23.08	24	0
20	QPSK	50	0	22.09	22.17	22.08	23	1
20	QPSK	100	0	21.98	22.12	21.91	23	1

LTE Band 5 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				20450	20525	20600	24	0
Frequency (MHz)				836	836.5	844		
10	QPSK	1	0	22.84	22.87	22.79	24	0
10	QPSK	25	0	21.88	21.94	21.91	23	1
10	QPSK	50	0	21.54	21.85	21.77	23	1

LTE Band 26 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				26765	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.88	22.98	22.98	24	0
15	QPSK	36	0	21.93	22.03	21.98	23	1
15	QPSK	76	0	21.66	21.95	21.58	23	1

### 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	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.23	23.26	23.19	24	0
20	QPSK	50	0	22.20	22.52	22.28		
20	QPSK	100	0	22.10	22.31	21.96	23	1



LTE Band 38 Ant4 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
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	23.07				
20	QPSK	50	0	22.44	22.53	22.16				
20	QPSK	50	24	22.24	22.51	22.22			23	1
20	QPSK	50	74	22.41	22.51	22.19				
20	QPSK	100	0	22.38	22.57	22.16				
20	16QAM	1	0	22.39	22.27	22.12				
20	16QAM	1	49	22.35	22.42	22.09			23	1
20	16QAM	1	99	22.38	22.24	22.14				
20	16QAM	50	0	21.47	21.49	21.10				
20	16QAM	50	24	21.27	21.42	21.17			22	2
20	16QAM	50	74	21.37	21.42	21.24				
20	16QAM	100	0	21.45	21.56	21.12				
20	64QAM	1	0	21.40	21.42	21.10			22	2
20	64QAM	1	49	21.43	21.50	21.13				
20	64QAM	1	99	21.50	21.47	21.23				
20	64QAM	50	0	20.32	20.48	20.26			21	3
20	64QAM	50	24	20.41	20.27	20.20				
20	64QAM	50	74	20.44	20.55	20.22				
20	64QAM	100	0	20.37	20.45	20.12				
20	256QAM	1	0	18.44	18.54	18.23			19	5
20	256QAM	1	49	18.38	18.46	18.18				
20	256QAM	1	99	18.47	18.48	18.26				
20	256QAM	50	0	18.36	18.53	18.08			19	5
20	256QAM	50	24	18.46	18.54	18.16				
20	256QAM	50	74	18.47	18.53	18.16				
20	256QAM	100	0	18.50	18.56	18.15				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.37	23.40	23.10			24	0
15	QPSK	1	37	23.26	23.38	23.00				
15	QPSK	1	74	23.38	23.32	22.80				
15	QPSK	36	0	22.42	22.50	22.10				
15	QPSK	36	30	22.27	22.49	22.18			23	1
15	QPSK	36	39	22.37	22.46	22.15				
15	QPSK	75	0	22.32	22.52	22.13			22	2
15	16QAM	1	0	22.35	22.52	22.07				
15	16QAM	1	37	22.31	22.38	22.04				
15	16QAM	1	74	22.34	22.46	22.11			22	2
15	16QAM	36	0	21.41	21.45	21.08				
15	16QAM	36	20	21.34	21.39	21.04			22	2
15	16QAM	36	39	21.30	21.52	21.13				
15	16QAM	75	0	21.42	21.50	21.09			21	3
15	64QAM	1	0	21.35	21.38	21.06				
15	64QAM	1	37	21.36	21.44	21.09			22	2
15	64QAM	1	74	21.45	21.41	21.17				
15	64QAM	36	0	20.31	20.41	20.24			21	3
15	64QAM	36	20	20.42	20.49	20.18				
15	64QAM	36	39	20.42	20.49	20.18				
15	64QAM	75	0	20.31	20.39	20.08			19	5
15	256QAM	1	0	18.41	18.51	18.17				
15	256QAM	1	37	18.33	18.44	18.08				
15	256QAM	1	74	18.42	18.43	18.18			19	5
15	256QAM	36	0	18.39	18.52	18.06				
15	256QAM	36	20	18.43	18.47	18.11			19	5
15	256QAM	36	39	18.45	18.45	18.08				
15	256QAM	75	0	18.43	18.50	18.12				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.40	22.39	22.11			24	0
10	QPSK	1	49	22.32	22.38	22.02				
10	QPSK	1	99	22.38	22.33	22.02				
10	QPSK	25	0	22.39	22.46	22.15				
10	QPSK	25	12	22.30	22.44	22.17			23	1
10	QPSK	25	25	22.34	22.48	22.15				
10	QPSK	50	0	22.20	22.25	22.13				
10	16QAM	1	0	22.32	22.52	22.09			23	1
10	16QAM	1	25	22.28	22.39	22.05				
10	16QAM	1	49	22.34	22.51	22.11				
10	16QAM	25	0	21.41	21.43	21.05			22	2
10	16QAM	25	12	21.34	21.38	21.02				
10	16QAM	25	25	21.32	21.35	21.06				
10	16QAM	50	0	22.32	22.52	22.07			21	3
10	64QAM	1	0	21.37	21.37	21.06				
10	64QAM	1	25	21.39	21.44	21.05			22	2
10	64QAM	1	49	21.44	21.45	21.11				
10	64QAM	25	0	20.27	20.42	20.20				
10	64QAM	25	12	20.38	20.36	20.15			21	3
10	64QAM	25	25	20.40	20.38	20.17				
10	64QAM	50	0	20.35	20.39	20.06				
10	256QAM	1	0	18.41	18.50	18.09			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	18.41	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										
Frequency (MHz)										
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	23.37	23.35	22.97				
5	QPSK	12	0	22.37	22.48	22.07				
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	22.46	22.10			23	1
5	16QAM	1	12	22.30	22.38	22.02				
5	16QAM	1	24	22.31	22.47	22.09				
5	16QAM	12	0	21.44	21.45	21.04			22	2
5	16QAM	12	7	21.33	21.41	21.02				
5	16QAM	12	13	21.33	21.35	21.09				
5	16QAM	25	0	21.40	21.51	21.07			21	3
5	64QAM	1	0	21.37	21.39	21.06				
5	64QAM	1	12	21.37	21.47	21.08			22	2
5	64QAM	1	24	21.48	21.42	21.21				
5	64QAM	12	0	20.28	20.41	20.21				
5	64QAM	12	7	20.37	20.39	20.17			21	3
5	64QAM	12	13	20.38	20.52	20.19				
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	18.15				
5	256QAM	12	0	18.31	18.49	18.05			19	5
5	256QAM	12	7	18.29	18.47	18.11				
5	256QAM	12	13	18.47	18.46	18.11				
5	256QAM	25	0	18.48	18.49	18.13				

LTE Band 41 Ant4 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.30	23.15	23.00				
20	QPSK	1	49	23.26	23.04	23.10			24	0
20	QPSK	1	99	23.34	22.99	23.03				
20	QPSK	50	0	22.34	22.17	22.14				
20	QPSK	50	24	22.29	22.23	22.26			23	1
20	QPSK	50	74	22.27	22.13	22.45				
20	QPSK	100	0	22.25	22.09	22.27				
20	16QAM	1	0	22.22	22.08	22.29				
20	16QAM	1	49	22.22	22.08	22.24			23	1
20	16QAM	1	99	22.25	22.15	22.25				
20	16QAM	50	0	21.22	21.24	21.26				
20	16QAM	50	24	21.34	21.15	21.25			22	2
20	16QAM	50	74	21.27	21.22	21.46				
20	16QAM	100	0	21.38	21.11	21.44				

### LTE Band 42 Ant5 Main\_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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.69	23.76	23.71	24	0
20	QPSK	50	0	22.60	22.62	22.58	23	1
20	QPSK	100	0	22.30	22.66	22.50		



### Reduced Power Mode for DSI2\_Main PA

GSM850 Ant 0							
GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		Tune-up Limit (dBm)
	128	168	251		128	168	
TX Channel	824.2	836.4	848.6	824.2	836.4	848.6	
Frequency (MHz)	124.0	124.4	124.8	124.0	124.4	124.8	24.50
GSM 1 Tx slot	32.40	32.37	32.42	33.50	23.40	23.37	24.50
GPRS 1 Tx slots	30.37	30.55	30.55	31.50	24.37	24.55	25.50
GPRS 3 Tx slots	28.55	28.50	28.71	28.50	24.22	24.33	25.24
GPRS 4 Tx slots	26.25	26.38	26.57	27.50	23.25	23.38	24.50

  

GSM1900 Ant 0							
GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		Tune-up Limit (dBm)
	512	661	810		512	661	
TX Channel	1880.2	1888	1895.8	1880.2	1888	1895.8	
Frequency (MHz)	29.38	29.47	29.56	30.50	20.38	20.47	21.50
GSM 1 Tx slot	29.34	29.46	29.58	30.50	20.34	20.48	21.50
GPRS 1 Tx slots	27.03	27.40	27.22	28.50	21.03	21.40	22.50
GPRS 3 Tx slots	25.38	25.53	25.75	26.50	21.12	21.53	22.24
GPRS 4 Tx slots	23.61	23.76	23.64	25.50	20.61	20.76	22.50

  

WCDMA II Ant 0							WCDMA V Ant 0		
Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V		Tune-up Limit (dBm)		
	9262	9400	9538		4132	4182		4233	
TX Channel	9662	9800	9938	4357	4407	4458			
Frequency (MHz)	1882.4	1888	1897.2	691.6	695.4	699.2	24.00		
3GPP Rel 99	RMC 12.2Kbps	22.55	22.57	22.52	24.00	22.85	22.08	22.75	24.00



LTE Band 2 Ant0 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.04	23.13	23.08	24	0
20	QPSK	50	0	22.09	22.17	22.06	23	1
20	QPSK	100	0	21.98	22.12	21.91		

LTE Band 5 Ant0 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.84	22.67	22.79	24	0
10	QPSK	25	0	21.86	21.94	21.91	23	1
10	QPSK	50	0	21.54	21.85	21.77		

LTE Band 26 Ant0 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.88	22.98	22.96	24	0
15	QPSK	36	0	21.93	22.03	21.96	23	1
15	QPSK	75	0	21.66	21.95	21.58		



### LTE Band 7 Ant1 Main\_PA

Band (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Med. 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	23.23	23.26	23.19	24	0
20	QPSK	50	0	22.20	22.32	22.28		
20	QPSK	100	0	22.10	22.31	21.96	23	1





LTE Band 38 Ant4 Main_PA										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.92	15.91	15.96				
20	QPSK	1	49	15.99	15.85	15.74	16.5	0		
20	QPSK	1	99	15.84	15.87	15.78				
20	QPSK	50	0	15.95	15.90	15.93				
20	QPSK	50	24	15.80	15.97	15.91	16.5	0		
20	QPSK	50	50	15.89	15.87	15.96				
20	QPSK	100	0	15.72	15.92	15.91				
20	16QAM	1	0	15.85	15.78	15.75				
20	16QAM	1	49	15.73	15.81	15.89	16.5	0		
20	16QAM	1	99	15.89	15.92	15.86				
20	16QAM	50	0	15.89	15.79	15.77				
20	16QAM	50	24	15.72	15.78	15.90	16.5	0		
20	16QAM	50	50	15.80	15.76	15.90				
20	16QAM	100	0	15.89	15.79	15.71				
20	64QAM	1	0	15.84	15.85	15.94				
20	64QAM	1	49	15.87	15.73	15.91	16.5	0		
20	64QAM	1	99	15.83	15.91	15.82				
20	64QAM	50	0	15.81	15.95	15.95				
20	64QAM	50	24	15.70	15.86	15.90	16.5	0		
20	64QAM	50	50	15.82	15.86	15.90				
20	64QAM	100	0	15.87	15.85	15.96				
20	64QAM	100	0	15.89	15.91	15.84				
20	256QAM	1	0	15.78	15.78	15.78				
20	256QAM	1	49	15.90	15.98	15.72	16.5	0		
20	256QAM	1	99	15.77	15.70	15.86				
20	256QAM	50	0	15.84	15.84	15.74				
20	256QAM	50	24	15.90	15.83	15.92	16.5	0		
20	256QAM	50	50	15.80	15.87	15.92				
20	256QAM	100	0	15.81	15.93	15.72				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.75	23.92	23.73				
15	QPSK	1	37	23.82	23.72	23.74	16.5	0		
15	QPSK	1	74	23.77	23.72	23.82				
15	QPSK	36	0	23.78	23.64	23.85				
15	QPSK	36	20	23.68	23.82	23.87	16.5	0		
15	QPSK	36	39	23.82	23.81	23.87				
15	QPSK	75	0	23.92	23.96	23.91				
15	16QAM	1	0	23.70	23.67	23.69				
15	16QAM	1	37	23.66	23.69	23.63	16.5	0		
15	16QAM	1	74	23.81	23.62	23.73				
15	16QAM	36	0	23.84	23.66	23.76				
15	16QAM	36	20	23.63	23.72	23.77	16.5	0		
15	16QAM	36	39	23.73	23.65	23.76				
15	16QAM	75	0	23.94	23.96	23.94				
15	64QAM	1	0	23.76	23.73	23.84				
15	64QAM	1	37	23.73	23.62	23.72	16.5	0		
15	64QAM	1	74	23.68	23.79	23.79				
15	64QAM	36	0	23.70	23.85	23.81				
15	64QAM	36	20	23.67	23.72	23.85	16.5	0		
15	64QAM	36	39	23.82	23.75	23.83				
15	64QAM	75	0	23.96	23.91	23.93				
15	256QAM	1	0	23.76	23.76	23.76				
15	256QAM	1	37	23.93	23.92	23.99	16.5	0		
15	256QAM	1	74	23.65	23.60	23.61				
15	256QAM	36	0	23.72	23.78	23.81				
15	256QAM	36	20	23.62	23.75	23.86	16.5	0		
15	256QAM	36	39	23.77	23.81	23.87				
15	256QAM	75	0	23.94	23.91	23.91				
15	256QAM	75	0	23.93	23.93	23.93				
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.70	15.73	15.77				
10	QPSK	1	25	15.81	15.78	15.83	16.5	0		
10	QPSK	1	49	15.82	15.76	15.88				
10	QPSK	25	0	15.77	15.71	15.81				
10	QPSK	25	12	15.68	15.83	15.72	16.5	0		
10	QPSK	25	25	15.77	15.74	15.88				
10	QPSK	50	0	15.81	15.89	15.85				
10	16QAM	1	0	15.74	15.68	15.87				
10	16QAM	1	25	15.84	15.67	15.84	16.5	0		
10	16QAM	1	49	15.79	15.84	15.78				
10	16QAM	25	0	15.74	15.69	15.64				
10	16QAM	25	12	15.67	15.84	15.78	16.5	0		
10	16QAM	25	25	15.78	15.63	15.81				
10	16QAM	50	0	15.76	15.67	15.86				
10	64QAM	1	0	15.71	15.71	15.84				
10	64QAM	1	25	15.77	15.88	15.73	16.5	0		
10	64QAM	1	49	15.74	15.85	15.81				
10	64QAM	25	0	15.70	15.82	15.80				
10	64QAM	25	12	15.61	15.70	15.80	16.5	0		
10	64QAM	25	25	15.78	15.78	15.70				
10	16QAM	50	0	15.86	15.86	15.83				
10	256QAM	1	0	15.71	15.71	15.81				
10	256QAM	1	25	15.80	15.69	15.76	16.5	0		
10	256QAM	1	49	15.79	15.87	15.85				
10	256QAM	25	0	15.61	15.89	15.77	16.5	0		
10	256QAM	25	12	15.81	15.70	15.72				
10	256QAM	25	25	15.90	15.86	15.73	16.5	0		
10	256QAM	50	0	15.94	15.74	15.69				
10	256QAM	50	0	15.82	15.84	15.73	16.5	0		
10	256QAM	50	25	15.79	15.85	15.79				
10	256QAM	50	49	15.67	15.75	15.88	16.5	0		
10	256QAM	25	0	15.86	15.88	15.85				
10	256QAM	25	12	15.89	15.86	15.86	16.5	0		
10	256QAM	25	25	15.92	15.86	15.86				
10	256QAM	50	25	15.89	15.82	15.84	16.5	0		
10	256QAM	50	0	15.78	15.77	15.72				
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.70	15.68	15.78				
5	QPSK	1	12	15.90	15.76	15.85	16.5	0		
5	QPSK	1	24	15.70	15.74	15.80				
5	QPSK	12	0	15.70	15.70	15.80				
5	QPSK	12	7	15.87	15.76	15.96	16.5	0		
5	QPSK	12	13	15.82	15.72	15.81				
5	QPSK	25	0	15.80	15.90	15.79				
5	16QAM	1	0	15.75	15.85	15.64	16.5	0		
5	16QAM	1	12	15.72	15.73	15.74				
5	16QAM	1	24	15.76	15.77	15.75				
5	16QAM	12	0	15.82	15.74	15.68	16.5	0		
5	16QAM	12	7	15.62	15.84	15.78				
5	16QAM	12	13	15.74	15.84	15.76				
5	16QAM	25	0	15.83	15.85	15.83				
5	64QAM	1	0	15.72	15.77	15.87				
5	64QAM	1	12	15.74	15.61	15.69	16.5	0		
5	64QAM	1	24	15.79	15.83	15.81				
5	64QAM	12	0	15.73	15.86	15.84				
5	64QAM	12	7	15.87	15.77	15.85	16.5	0		
5	64QAM	12	13	15.81	15.78	15.87				
5	16QAM	25	0	15.83	15.78	15.80				
5	256QAM	1	0	15.68	15.66	15.67				
5	256QAM	1	12	15.93	15.88	15.85	16.5	0		
5	256QAM	1	24	15.83	15.83	15.82				
5	256QAM	12	0	15.74	15.72	15.85	16.5	0		
5	256QAM	12	0	15.94	15.92	15.83				
5	256QAM	12	7	15.68	15.82	15.96	16.5	0		
5	256QAM	12	13	15.85	15.83	15.84				
5	256QAM	25	0	15.80	15.79	15.79				

LTE Band 41 Ant4 Main_PA										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.98	15.91	15.95				

LTE Band 42 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.31	19.81	19.82	20	0
20	QPSK	50	0	19.32	19.79	19.62		
20	QPSK	100	0	19.30	19.65	19.57	20	0





LTE Band 2 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				18700	18900	19100	18.5	0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	17.65	17.77	17.72	18.5	0	
20	QPSK	50	0	17.65	17.72	17.69			
20	QPSK	100	0	17.55	17.66	17.34			

LTE Band 5 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				20450	20525	20600	23	1	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.84	22.87	22.79	23	1	
10	QPSK	25	0	21.86	21.94	21.91			
10	QPSK	50	0	21.54	21.85	21.77			

LTE Band 26 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				26765	26865	26965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.88	22.98	22.96	24	0	
15	QPSK	36	0	21.93	22.03	21.96			
15	QPSK	75	0	21.68	21.95	21.58			



### LTE Band 7 Ant1 Main\_PA DSI3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. 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	17.88	17.93	17.85	18.5	0
20	QPSK	50	0	17.82	17.87	17.85		
20	QPSK	100	0	17.78	17.83	17.68		



LTE Band 38 Ant4 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turnup Int (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.48	15.53	15.59				
20	QPSK	1	49	15.45	15.35	15.37	16	0		
20	QPSK	1	99	15.37	15.35	15.51				
20	QPSK	50	0	15.51	15.52	15.47				
20	QPSK	50	24	15.52	15.43	15.42	16	0		
20	QPSK	50	50	15.49	15.47	15.40				
20	QPSK	100	0	15.48	15.49	15.47				
20	16QAM	1	0	15.37	15.43	15.37				
20	16QAM	1	49	15.45	15.44	15.29	16	0		
20	16QAM	1	99	15.51	15.45	15.45				
20	16QAM	50	0	15.51	15.52	15.47				
20	16QAM	50	24	15.51	15.44	15.52	16	0		
20	16QAM	50	50	15.51	15.36	15.38				
20	16QAM	100	0	15.45	15.36	15.35				
20	64QAM	1	0	15.44	15.51	15.43				
20	64QAM	1	49	15.34	15.29	15.31	16	0		
20	64QAM	1	99	15.51	15.44	15.40				
20	64QAM	50	0	15.45	15.47	15.50				
20	64QAM	50	24	15.44	15.33	15.29	16	0		
20	64QAM	50	50	15.51	15.49	15.48				
20	64QAM	100	0	15.32	15.30	15.45				
20	256QAM	1	0	15.47	15.31	15.40	16	0		
20	256QAM	1	49	15.39	15.51	15.48				
20	256QAM	1	99	15.38	15.47	15.40				
20	256QAM	50	0	15.29	15.42	15.52				
20	256QAM	50	24	15.28	15.50	15.38	16	0		
20	256QAM	50	50	15.47	15.31	15.31				
20	256QAM	100	0	15.52	15.38	15.40				
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.22	15.17	15.17				
15	QPSK	1	37	15.38	15.20	15.24	16	0		
15	QPSK	1	74	15.32	15.30	15.42				
15	QPSK	36	0	15.40	15.38	15.41				
15	QPSK	36	20	15.44	15.34	15.34	16	0		
15	QPSK	36	39	15.39	15.42	15.38				
15	QPSK	75	0	15.41	15.24	15.28				
15	16QAM	1	0	15.20	15.34	15.22				
15	16QAM	1	37	15.38	15.38	15.17	16	0		
15	16QAM	1	74	15.45	15.36	15.35				
15	16QAM	36	0	15.28	15.22	15.27				
15	16QAM	36	20	15.30	15.36	15.46	16	0		
15	16QAM	36	39	15.24	15.24	15.33				
15	16QAM	75	0	15.32	15.26	15.27				
15	64QAM	1	0	15.36	15.45	15.31				
15	64QAM	1	37	15.22	15.14	15.16	16	0		
15	64QAM	1	74	15.19	15.32	15.35				
15	64QAM	36	0	15.28	15.22	15.26				
15	64QAM	36	20	15.33	15.19	15.19	16	0		
15	64QAM	36	39	15.41	15.44	15.37				
15	64QAM	75	0	15.21	15.18	15.35				
15	256QAM	1	0	15.40	15.24	15.26				
15	256QAM	1	37	15.30	15.36	15.37	16	0		
15	256QAM	1	74	15.21	15.42	15.26				
15	256QAM	36	0	15.21	15.36	15.45				
15	256QAM	36	20	15.14	15.30	15.27	16	0		
15	256QAM	36	39	15.40	15.25	15.19				
15	256QAM	75	0	15.41	15.25	15.19				
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.20	15.19	15.21				
10	QPSK	1	25	15.34	15.28	15.23	16	0		
10	QPSK	1	49	15.23	15.21	15.45				
10	QPSK	25	0	15.38	15.39	15.42				
10	QPSK	25	12	15.35	15.38	15.35	16	0		
10	QPSK	25	25	15.26	15.36	15.36				
10	QPSK	25	49	15.21	15.34	15.40				
10	16QAM	1	0	15.23	15.37	15.23				
10	16QAM	1	25	15.37	15.38	15.18	16	0		
10	16QAM	1	49	15.40	15.37	15.35				
10	16QAM	25	0	15.26	15.28	15.22				
10	16QAM	25	12	15.41	15.31	15.31	16	0		
10	16QAM	25	25	15.27	15.27	15.34				
10	16QAM	50	0	15.27	15.38	15.25	16	0		
10	64QAM	1	0	15.29	15.49	15.48	16	0		
10	64QAM	1	25	15.25	15.34	15.35				
10	64QAM	1	49	15.30	15.40	15.22	16	0		
10	64QAM	25	0	15.45	15.40	15.24				
10	64QAM	25	12	15.34	15.32	15.45	16	0		
10	64QAM	25	25	15.34	15.37	15.40				
10	64QAM	50	0	15.42	15.43	15.42	16	0		
10	256QAM	1	0	15.25	15.45	15.26	16	0		
10	256QAM	1	25	15.46	15.34	15.26				
10	256QAM	1	49	15.26	15.40	15.43	16	0		
10	256QAM	25	0	15.24	15.20	15.40	16	0		
10	256QAM	25	12	15.45	15.28	15.22	16	0		
10	256QAM	25	25	15.41	15.19	15.38	16	0		
10	256QAM	50	0	15.27	15.24	15.37	16	0		
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.28	15.40	15.45	15.32	15.41		
5	QPSK	1	12	15.24	15.23	15.21	15.42	15.29	16	0
5	QPSK	1	24	15.40	15.21	15.28	15.34	15.31		
5	QPSK	12	0	15.30	15.31	15.42	15.30	15.36		
5	QPSK	12	7	15.48	15.33	15.36	15.43	15.34	16	0
5	QPSK	25	0	15.32	15.27	15.29	15.44	15.29		
5	16QAM	1	0	15.31	15.47	15.36	15.19	15.20		
5	16QAM	1	12	15.29	15.24	15.40	15.28	15.21	16	0
5	16QAM	1	24	15.41	15.19	15.38	15.21	15.32		
5	16QAM	12	0	15.47	15.21	15.38	15.23	15.37		
5	16QAM	12	7	15.42	15.30	15.41	15.44	15.30	16	0
5	16QAM	12	13	15.36	15.37	15.40	15.41	15.27		
5	16QAM	25	0	15.32	15.27	15.29	15.44	15.29		
5	64QAM	1	0	15.31	15.47	15.36	15.19	15.20		
5	64QAM	1	12	15.29	15.24	15.40	15.28	15.21	16	0
5	64QAM	1	24	15.41	15.19	15.38	15.21	15.32		
5	64QAM	12	0	15.47	15.21	15.38	15.23	15.37		
5	64QAM	12	7	15.42	15.30	15.41	15.44	15.30	16	0
5	64QAM	12	13	15.36	15.37	15.40	15.41	15.27		
5	64QAM	25	0	15.32	15.27	15.29	15.44	15.29		
5	256QAM	1	0	15.28	15.46	15.43	15.28	15.29		
5	256QAM	1	12	15.28	15.33	15.41	15.38	15.30	16	0
5	256QAM	1	24	15.26	15.42	15.20	15.25	15.17		
5	256QAM	12	0	15.47	15.34	15.32	15.33	15.46		
5	256QAM	12	7	15.36	15.22	15.48	15.32	15.39	16	0
5	256QAM	12	13	15.32	15.32	15.40	15.37	15.42		
5	256QAM	25	0	15.44	15.48	15.50	15.41	15.34		
5	256QAM	1	0	15.27	15.48	15.28	15.21	15.23		
5	256QAM	1	12	15.40	15.32	15.25	15.42	15.27	16	0
5	256QAM	1	24	15.29	15.36	15.38	15.22	15.17		
5	256QAM	12	0	15.21	15.24	15.26	15.27	15.45		
5	256QAM	12	7	15.38	15.26	15.29	15.48	15.31	16	0
5	256QAM	12	13	15.37	15.27	15.19	15.30	15.31		
5	256QAM	25	0	15.29	15.24	15.39	15.40	15.31		

LTE Band 41 Ant4 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Turnup Int (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.35	15.48	15.57	15.41	15.54		
20	QPSK	1	49	15.36	15.37	15.34	15.51	15.43	16</	



LTE Band 42 Ant5 Main_PA DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mid Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	18.5	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.98	18.39	18.31	18.5	0
20	QPSK	50	0	17.78	18.32	18.27		
20	QPSK	100	0	17.71	18.21	18.15		







LTE Band 2 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				18700	18900	19100	20	0	
Frequency (MHz)				1860	1890	1900			
20	QPSK	1	0	18.90	19.02	18.94	20	0	
20	QPSK	50	0	18.86	18.98	18.92	20	0	
20	QPSK	100	0	18.85	18.93	18.87			

LTE Band 5 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				20450	20525	20600	24	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.84	22.87	22.79	24	0	
10	QPSK	25	0	21.86	21.94	21.91	23	1	
10	QPSK	50	0	21.84	21.85	21.77			

LTE Band 26 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				26765	26865	26965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.88	22.98	22.96	24	0	
15	QPSK	36	0	21.93	22.03	21.96	23	1	
15	QPSK	75	0	21.86	21.95	21.88			

LTE Band 7 Ant1 Main_PA DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. 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	20.28	20.31	20.26	21	0
20	QPSK	50	0	20.25	20.28	20.19		
20	QPSK	100	0	20.13	20.25	19.94		



LTE Band 38 Ant4 Main_PA										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.94	19.94	19.94	20.5	0		
20	QPSK	1	49	19.83	19.87	19.96	20.5	0		
20	QPSK	1	99	20.00	19.85	19.89	20.5	0		
20	QPSK	50	0	19.95	19.98	19.97	20.5	0		
20	QPSK	50	24	19.80	19.89	19.91	20.5	0		
20	QPSK	50	50	19.95	19.92	19.95	20.5	0		
20	QPSK	100	0	19.94	19.96	19.95	20.5	0		
20	16QAM	1	0	19.82	19.86	19.85	20.5	0		
20	16QAM	1	49	19.81	19.90	19.83	20.5	0		
20	16QAM	1	99	19.82	19.91	19.96	20.5	0		
20	16QAM	50	0	19.87	19.81	20.00	20.5	0		
20	16QAM	50	24	19.89	19.83	19.92	20.5	0		
20	16QAM	50	50	19.85	19.86	20.01	20.5	0		
20	16QAM	100	0	19.88	19.90	20.01	20.5	0		
20	16QAM	1	49	19.87	20.01	20.05	19.97	19.83	20.5	0
20	16QAM	1	99	19.83	19.84	20.00	19.86	19.88	20.5	0
20	16QAM	50	0	19.89	20.04	20.04	19.99	20.02	20.5	0
20	16QAM	50	24	19.87	20.04	20.03	20.01	20.05	20.5	0
20	16QAM	50	50	19.87	20.02	19.85	19.84	19.86	20.5	0
20	16QAM	100	0	19.83	20.05	19.87	19.91	19.83	20.5	0
20	64QAM	1	0	19.68	19.93	19.94	19.84	20.02	20.5	0
20	64QAM	1	49	19.62	20.02	20.00	19.85	19.86	20.5	0
20	64QAM	1	99	19.82	19.86	20.05	19.91	20.02	20.5	0
20	64QAM	50	0	20.02	19.89	20.00	19.88	19.87	20.5	0
20	64QAM	50	24	19.87	20.02	19.85	19.84	19.86	20.5	0
20	64QAM	50	50	19.94	20.03	19.94	20.01	20.03	20.5	0
20	64QAM	100	0	19.83	19.87	19.89	19.82	20.04	20.5	0
20	256QAM	1	0	18.26	18.22	18.43	18.18	18.10	19	1.5
20	256QAM	1	49	18.23	18.21	18.54	18.07	18.16	19	1.5
20	256QAM	1	99	18.28	18.20	18.45	18.14	18.19	19	1.5
20	256QAM	50	0	18.26	18.21	18.43	18.12	18.16	19	1.5
20	256QAM	50	24	18.31	18.08	18.44	18.17	18.28	19	1.5
20	256QAM	50	50	18.33	18.08	18.47	18.15	18.22	19	1.5
20	256QAM	100	0	18.36	18.11	18.40	18.09	18.21	19	1.5
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.79	19.81	19.82	20.5	0		
15	QPSK	1	37	19.74	19.82	19.83	19.96	19.98	20.5	0
15	QPSK	1	74	19.92	19.77	19.78	19.82	19.92	20.5	0
15	QPSK	36	0	19.86	19.94	19.90	19.83	19.97	20.5	0
15	QPSK	36	20	19.82	19.88	19.77	19.82	19.88	20.5	0
15	QPSK	36	39	19.71	19.81	19.86	19.82	19.81	20.5	0
15	QPSK	75	0	19.76	19.79	19.88	19.82	19.86	20.5	0
15	16QAM	1	0	19.79	19.80	19.78	19.80	19.78	20.5	0
15	16QAM	1	37	19.73	19.83	19.88	19.85	19.78	20.5	0
15	16QAM	1	74	19.87	19.70	19.83	19.81	19.91	20.5	0
15	16QAM	36	0	19.75	19.80	19.99	19.88	19.85	20.5	0
15	16QAM	36	20	19.81	19.84	19.89	19.83	19.88	20.5	0
15	16QAM	36	39	19.80	19.91	19.82	19.82	19.86	20.5	0
15	16QAM	75	0	19.80	19.81	19.82	19.80	19.82	20.5	0
15	64QAM	1	0	19.90	19.79	19.86	19.76	19.91	20.5	0
15	64QAM	1	37	19.86	19.84	19.90	19.84	19.76	20.5	0
15	64QAM	1	74	19.76	19.80	19.96	19.84	19.96	20.5	0
15	64QAM	36	0	19.87	19.80	19.92	19.76	19.91	20.5	0
15	64QAM	36	20	19.82	19.82	19.79	19.81	19.77	20.5	0
15	64QAM	36	39	19.84	19.82	19.84	19.81	19.86	20.5	0
15	64QAM	75	0	19.68	19.80	19.81	19.67	19.80	20.5	0
15	256QAM	1	0	18.39	18.19	18.21	18.15	18.09	19	1.5
15	256QAM	1	37	18.52	18.16	18.20	18.05	18.14	19	1.5
15	256QAM	1	74	18.41	18.17	18.24	18.11	18.15	19	1.5
15	256QAM	36	0	18.39	18.19	18.24	18.16	18.16	19	1.5
15	256QAM	36	20	18.44	18.06	18.30	18.13	18.20	19	1.5
15	256QAM	36	39	18.43	18.06	18.30	18.12	18.17	19	1.5
15	256QAM	75	0	18.35	18.09	18.34	18.04	18.18	19	1.5
Channel										
Frequency (MHz)										
10	QPSK	1	0	19.82	19.88	19.86	19.90	19.86	20.5	0
10	QPSK	1	25	19.69	19.81	19.81	19.85	19.88	20.5	0
10	QPSK	1	49	19.98	19.78	19.75	19.83	19.87	20.5	0
10	QPSK	25	0	19.87	19.91	19.96	19.88	19.78	20.5	0
10	QPSK	25	12	19.78	19.91	19.74	19.79	19.87	20.5	0
10	QPSK	25	25	19.78	19.77	19.88	19.89	19.80	20.5	0
10	QPSK	50	0	19.80	19.78	19.82	19.82	19.80	20.5	0
10	16QAM	1	0	19.78	19.89	19.75	19.75	19.80	20.5	0
10	16QAM	1	25	19.80	19.87	19.83	19.85	19.73	20.5	0
10	16QAM	1	49	19.68	19.75	19.80	19.74	19.83	20.5	0
10	16QAM	25	0	19.74	19.89	19.97	19.87	19.91	20.5	0
10	16QAM	25	12	19.77	19.92	19.91	19.82	19.88	20.5	0
10	16QAM	25	25	19.75	19.92	19.76	19.85	19.89	20.5	0
10	16QAM	50	0	19.75	19.86	19.78	19.85	19.78	20.5	0
10	64QAM	1	0	19.85	19.83	19.86	19.83	19.80	20.5	0
10	64QAM	1	25	19.82	19.80	19.93	19.86	19.75	20.5	0
10	64QAM	1	49	19.77	19.83	19.94	19.77	19.94	20.5	0
10	64QAM	25	0	19.84	19.81	19.86	19.75	19.91	20.5	0
10	64QAM	25	12	19.76	19.80	19.71	19.83	19.76	20.5	0
10	64QAM	25	25	19.88	19.86	19.88	19.80	19.82	20.5	0
10	64QAM	50	0	19.73	19.81	19.82	19.76	19.89	20.5	0
10	256QAM	1	0	18.36	18.17	18.19	18.14	18.07	19	1.5
10	256QAM	1	25	18.47	18.15	18.15	18.04	18.12	19	1.5
10	256QAM	1	49	18.39	18.13	18.20	18.08	18.11	19	1.5
10	256QAM	25	0	18.36	18.18	18.20	18.05	18.14	19	1.5
10	256QAM	25	12	18.40	18.04	18.27	18.11	18.22	19	1.5
10	256QAM	25	25	18.38	18.05	18.26	18.09	18.16	19	1.5
10	256QAM	50	0	18.32	18.05	18.29	18.01	18.17	19	1.5
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.84	19.94	19.96	19.98	19.82	20.5	0
5	QPSK	1	12	19.72	19.81	19.85	19.85	19.80	20.5	0
5	QPSK	1	24	19.92	19.74	19.70	19.86	19.92	20.5	0
5	QPSK	12	0	19.86	19.82	19.94	19.87	19.80	20.5	0
5	QPSK	12	7	19.81	19.83	19.74	19.81	19.78	20.5	0
5	QPSK	12	13	19.74	19.76	19.84	19.86	19.88	20.5	0
5	QPSK	25	0	19.74	19.85	19.94	19.86	19.84	20.5	0
5	16QAM	1	0	19.77	19.87	19.78	19.82	19.81	20.5	0
5	16QAM	1	12	19.78	19.80	19.86	19.84	19.75	20.5	0
5	16QAM	1	24	19.84	19.74	19.84	19.75	19.82	20.5	0
5	16QAM	12	0	19.75	19.84	19.93	19.91	19.96	20.5	0
5	16QAM	12	7	19.73	19.81	19.85	19.82	19.90	20.5	0
5	16QAM	12	13	19.79	19.86	19.74	19.78	19.86	20.5	0
5	16QAM	25	0	19.76	19.89	19.78	19.83	19.79	20.5	0
5	64QAM	1	0	19.88	19.86	19.85	19.74	19.86	20.5	0
5	64QAM	1	12	19.86	19.88	19.85	19.82	19.78	20.5	0
5	64QAM	1	24	19.72	19.80	19.98	19.81	19.88	20.5	0
5	64QAM	12	0	19.88	19.74	19.90	19.81	19.90	20.5	0
5	64QAM	12	7	19.80	19.87	19.73	19.88	19.78	20.5	0



LTE Band 42 Ant5 Main_PA DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Medio Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	23	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.77	22.88	22.82	23	0
20	QPSK	50	0	22.83	22.85	22.75	23	0
20	QPSK	100	0	22.62	22.72	22.67		

## Reduced Power Mode for DSI7\_Main PA

		GSM850 Ant 0 DSIT								
<b>&lt;GSM&gt;</b>	GSM850_Ant 0	Burst Average Power (dBm)			Frame Average Power (dBm)					
	TX Channel	155	155	251	Tune-up Limit	128	155	251	Tune-up Limit	
	Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)	
	GSM 1 Tx slot	30.36	30.42	30.50	31.50	21.36	21.42	21.50	22.50	
	GPRS 1 Tx slot	30.33	30.39	30.51	31.50	21.33	21.39	21.51	22.50	
	GPRS 2 Tx slots	28.07	28.17	28.16	29.00	22.07	22.17	22.16	23.00	
	GPRS 3 Tx slots	28.45	28.48	28.61	23.00	22.19	22.20	22.35	22.74	
	GPRS 4 Tx slots	24.41	24.48	24.32	26.00	21.41	21.48	21.32	23.00	
		GSM1900 Ant 0 DSIT								
<b>&lt;GSM&gt;</b>	GSM1900_Ant 0	Burst Average Power (dBm)			Frame Average Power (dBm)					
	TX Channel	512	651	810	Tune-up Limit	512	651	810	Tune-up Limit	
	Frequency (MHz)	1820.2	1860	1900.2	(dBm)	1820.2	1860	1900.2	(dBm)	
	GSM 1 Tx slot	23.07	23.38	24.12	25.00	14.97	14.98	15.12	16.00	
	GPRS 1 Tx slot	23.84	23.91	24.04	25.00	14.84	14.91	15.04	16.00	
	GPRS 2 Tx slots	21.49	21.78	21.76	23.00	15.49	15.78	15.76	17.00	
	GPRS 3 Tx slots	19.83	20.01	20.22	21.00	15.57	15.75	15.95	16.74	
	GPRS 4 Tx slots	18.32	18.44	18.41	20.00	15.32	15.44	15.41	17.00	
		WCDMA II Ant 0 DSIT			WCDMA V Ant 0 DSIT					
<b>&lt;WCDMA&gt;</b>	Band	WCDMA II			WCDMA V					
	TX Channel	9292	9400	9538	Tune-up Limit	4132	4192	4233	Tune-up Limit	
	Rx Channel	9662	9800	9938	(dBm)	4357	4407	4458	(dBm)	
	Frequency (MHz)	1824	1860	1907.5	17.00	22.85	23.04	23.25	24.00	
	3GPP Ref 99	RMC 12 24kpps	15.71	15.35	15.76	17.00	22.85	22.83	22.73	24.00



LTE Band 2 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				18700	18900	19100	17	0	
Frequency (MHz)				1880	1880	1900			
20	QPSK	1	0	16.14	16.25	16.19			
20	QPSK	50	0	16.05	16.17	16.11	17	0	
20	QPSK	100	0	16.07	16.15	15.90			

LTE Band 5 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				20450	20525	20600	24	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.84	22.87	22.79			
10	QPSK	25	0	21.86	21.94	21.91	23	1	
10	QPSK	50	0	21.54	21.85	21.77			

LTE Band 26 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				20765	20865	20965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.88	22.98	22.96			
15	QPSK	36	0	21.93	22.03	21.98	23	1	
15	QPSK	76	0	21.66	21.95	21.58			



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	17.88	17.93	17.85	18.5	0
20	QPSK	50	0	17.82	17.87	17.85	18.5	0
20	QPSK	100	0	17.78	17.83	17.88	18.5	0



### LTE Band 38 Ant4 Main\_PA

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	1	49	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	1	99	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	50	0	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	50	24	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	50	50	13.46	13.46	13.46	13.46	13.46	14	0
20	QPSK	100	0	13.46	13.46	13.46	13.46	13.46	14	0
20	16QAM	1	0	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	1	49	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	1	99	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	50	0	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	50	24	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	50	50	13.47	13.47	13.47	13.47	13.47	14	0
20	16QAM	100	0	13.47	13.47	13.47	13.47	13.47	14	0
20	64QAM	1	0	13.36	13.47	13.31	13.31	13.31	14	0
20	64QAM	1	49	13.32	13.47	13.46	13.46	13.46	14	0
20	64QAM	1	99	13.29	13.46	13.46	13.46	13.46	14	0
20	64QAM	50	0	13.29	13.34	13.46	13.46	13.46	14	0
20	64QAM	50	24	13.45	13.44	13.36	13.36	13.36	14	0
20	64QAM	50	50	13.34	13.47	13.35	13.35	13.35	14	0
20	64QAM	100	0	13.43	13.45	13.28	13.28	13.28	14	0
20	256QAM	1	0	13.46	13.45	13.35	13.35	13.35	14	0
20	256QAM	1	49	13.26	13.42	13.42	13.42	13.42	14	0
20	256QAM	1	99	13.29	13.42	13.47	13.47	13.47	14	0
20	256QAM	50	0	13.33	13.42	13.46	13.46	13.46	14	0
20	256QAM	50	24	13.36	13.41	13.45	13.45	13.45	14	0
20	256QAM	50	50	13.37	13.41	13.45	13.45	13.45	14	0
20	256QAM	100	0	13.37	13.44	13.43	13.43	13.43	14	0
Channel										
Frequency (MHz)										
15	QPSK	1	0	13.25	13.21	13.27	13.27	13.27	14	0
15	QPSK	1	37	13.40	13.43	13.35	13.35	13.35	14	0
15	QPSK	1	74	13.35	13.38	13.32	13.32	13.32	14	0
15	QPSK	36	0	13.22	13.31	13.42	13.42	13.42	14	0
15	QPSK	36	20	13.21	13.29	13.34	13.34	13.34	14	0
15	QPSK	36	39	13.29	13.32	13.33	13.33	13.33	14	0
15	QPSK	75	0	13.23	13.35	13.44	13.44	13.44	14	0
15	16QAM	1	0	13.34	13.32	13.35	13.35	13.35	14	0
15	16QAM	1	37	13.36	13.34	13.41	13.41	13.41	14	0
15	16QAM	1	74	13.42	13.39	13.29	13.29	13.29	14	0
15	16QAM	36	0	13.34	13.30	13.23	13.23	13.23	14	0
15	16QAM	36	20	13.29	13.29	13.32	13.32	13.32	14	0
15	16QAM	36	39	13.25	13.19	13.36	13.36	13.36	14	0
15	16QAM	75	0	13.28	13.21	13.30	13.30	13.30	14	0
15	64QAM	1	0	13.29	13.34	13.19	13.19	13.19	14	0
15	64QAM	1	37	13.23	13.35	13.31	13.31	13.31	14	0
15	64QAM	1	74	13.20	13.32	13.29	13.29	13.29	14	0
15	64QAM	36	0	13.31	13.32	13.27	13.27	13.27	14	0
15	64QAM	36	20	13.40	13.32	13.33	13.33	13.33	14	0
15	64QAM	36	39	13.27	13.39	13.27	13.27	13.27	14	0
15	64QAM	75	0	13.34	13.32	13.15	13.15	13.15	14	0
15	256QAM	1	0	13.38	13.33	13.23	13.23	13.23	14	0
15	256QAM	1	37	13.22	13.35	13.36	13.36	13.36	14	0
15	256QAM	1	74	13.23	13.32	13.33	13.33	13.33	14	0
15	256QAM	36	0	13.29	13.31	13.33	13.33	13.33	14	0
15	256QAM	36	20	13.40	13.33	13.30	13.30	13.30	14	0
15	256QAM	36	39	13.33	13.29	13.33	13.33	13.33	14	0
15	256QAM	75	0	13.23	13.30	13.27	13.27	13.27	14	0
Channel										
Frequency (MHz)										
10	QPSK	1	0	13.21	13.24	13.34	13.34	13.34	14	0
10	QPSK	1	25	13.36	13.39	13.21	13.21	13.21	14	0
10	QPSK	1	49	13.37	13.40	13.25	13.25	13.25	14	0
10	QPSK	25	0	13.25	13.32	13.43	13.43	13.43	14	0
10	QPSK	25	12	13.22	13.29	13.28	13.28	13.28	14	0
10	QPSK	25	25	13.44	13.32	13.34	13.34	13.34	14	0
10	QPSK	50	0	13.24	13.28	13.41	13.41	13.41	14	0
10	16QAM	1	0	13.33	13.35	13.31	13.31	13.31	14	0
10	16QAM	1	25	13.20	13.42	13.40	13.40	13.40	14	0
10	16QAM	1	49	13.27	13.46	13.32	13.43	13.42	14	0
10	16QAM	25	0	13.24	13.25	13.31	13.31	13.31	14	0
10	16QAM	25	12	13.39	13.29	13.37	13.41	13.35	14	0
10	16QAM	25	25	13.29	13.35	13.32	13.32	13.32	14	0
10	16QAM	50	0	13.33	13.46	13.37	13.30	13.31	14	0
10	64QAM	1	0	13.25	13.40	13.34	13.50	13.46	14	0
10	64QAM	1	25	13.22	13.26	13.26	13.26	13.26	14	0
10	64QAM	1	49	13.27	13.38	13.28	13.19	13.40	14	0
10	64QAM	25	0	13.36	13.47	13.28	13.48	13.30	14	0
10	64QAM	25	12	13.29	13.41	13.38	13.39	13.39	14	0
10	64QAM	25	25	13.25	13.36	13.21	13.33	13.23	14	0
10	64QAM	50	0	13.24	13.40	13.37	13.28	13.34	14	0
10	256QAM	1	0	13.24	13.38	13.43	13.30	13.34	14	0
10	256QAM	1	25	13.42	13.33	13.38	13.43	13.44	14	0
10	256QAM	1	49	13.24	13.32	13.41	13.40	13.40	14	0
10	256QAM	25	0	13.25	13.35	13.32	13.26	13.47	14	0
10	256QAM	25	12	13.23	13.28	13.40	13.34	13.21	14	0
10	256QAM	25	25	13.25	13.46	13.38	13.40	13.38	14	0
10	256QAM	50	0	13.45	13.48	13.22	13.33	13.36	14	0
Channel										
Frequency (MHz)										
5	QPSK	1	0	13.29	13.29	13.32	13.32	13.31	14	0
5	QPSK	1	12	13.42	13.38	13.35	13.35	13.31	14	0
5	QPSK	1	24	13.45	13.41	13.30	13.34	13.28	14	0
5	QPSK	12	0	13.33	13.40	13.31	13.34	13.30	14	0
5	QPSK	12	7	13.44	13.31	13.27	13.40	13.26	14	0
5	QPSK	12	13	13.23	13.36	13.46	13.21	13.21	14	0
5	QPSK	25	0	13.21	13.34	13.38	13.24	13.23	14	0
5	16QAM	1	0	13.22	13.39	13.30	13.29	13.29	14	0
5	16QAM	1	12	13.31	13.45	13.19	13.33	13.21	14	0
5	16QAM	1	24	13.28	13.40	13.26	13.43	13.44	14	0
5	16QAM	12	0	13.28	13.27	13.38	13.30	13.24	14	0
5	16QAM	12	7	13.35	13.33	13.40	13.49	13.30	14	0
5	16QAM	12	13	13.36	13.30	13.27	13.32	13.35	14	0
5	64QAM	25	0	13.29	13.48	13.31	13.29	13.36	14	0
5	64QAM	1	0	13.30	13.42	13.37	13.50	13.43	14	0
5	64QAM	1	12	13.30	13.25	13.30	13.22	13.38	14	0
5	64QAM	1	24	13.27	13.33	13.29	13.22	13.34	14	0
5	64QAM	12	0	13.33	13.43	13.22	13.48	13.36	14	0
5	64QAM	12	7	13.37	13.39	13.35	13.42	13.34	14	0
5	64QAM	12	13	13.32	13.31	13.25	13.24	13.28	14	0
5	256QAM	1	0	13.27	13.42	13.43	13.26	13.34	14	0
5	256QAM	1	12	13.26	13.41	13.42	13.37	13.38	14	0
5	256QAM	1	24	13.37	13.37	13.44	13.46	13.42	14	0
5	256QAM	1	24	13.27	13.39	13.38	13.43	13.43	14	0
5	256QAM	12	0	13.23	13.32	13.33	13.34	13.43	14	0
5	2									





### LTE Band 42 Ant5 Main\_PA

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Medio 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	15.87	16.34	16.15	16.5	0
20	QPSK	50	0	15.89	16.30	16.05	16.5	0
20	QPSK	100	0	15.87	16.19	16.07	16.5	0



Full & Default & DSI 4 Power

LTE Band 7 Ant4 Other_PA										
B/W (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				20800	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	21.42	21.59	21.55	23	0		
20	QPSK	1	49	21.46	21.41	21.36				
20	QPSK	1	99	21.40	21.42	21.32				
20	QPSK	50	0	20.63	20.71	20.47	22	1		
20	QPSK	50	24	20.55	20.56	20.55				
20	QPSK	50	50	20.43	20.69	20.45				
20	QPSK	100	0	20.38	20.63	20.59	22	1		
20	16QAM	1	0	20.36	20.51	20.47				
20	16QAM	1	49	20.36	20.46	20.30				
20	16QAM	1	99	20.25	20.49	20.34	21	2		
20	16QAM	50	0	19.97	19.98	19.96				
20	16QAM	50	24	19.93	19.92	19.95				
20	16QAM	50	50	20.01	19.95	19.93	21	2		
20	16QAM	100	0	19.93	20.02	19.99				
20	64QAM	1	0	20.01	20.17	19.98				
20	64QAM	1	49	19.99	20.04	20.00	21	2		
20	64QAM	1	99	20.12	20.04	20.03				
20	64QAM	50	0	18.84	19.09	18.91				
20	64QAM	50	24	18.93	19.07	19.07	20	3		
20	64QAM	50	50	19.06	18.96	19.04				
20	64QAM	100	0	18.97	18.97	19.00				
20	256QAM	1	0	17.12	17.02	17.03	18	5		
20	256QAM	1	49	16.89	17.02	16.85				
20	256QAM	1	99	16.99	16.96	16.88				
20	256QAM	50	0	16.94	17.02	16.96	18	5		
20	256QAM	50	24	16.96	16.95	16.95				
20	256QAM	50	50	16.95	17.08	16.99				
20	256QAM	100	0	17.10	17.01	16.89				
Channel				20825	21100	21375				
Frequency (MHz)				2502.5	2525	2552.5				
15	QPSK	1	0	21.41	21.55	21.43	23	0		
15	QPSK	1	37	21.34	21.23	21.21				
15	QPSK	1	74	21.31	21.27	21.17				
15	QPSK	36	0	20.54	20.61	20.31	22	1		
15	QPSK	36	20	20.37	20.46	20.42				
15	QPSK	36	39	20.35	20.67	20.36				
15	QPSK	75	0	20.21	20.47	20.50	22	1		
15	16QAM	1	0	20.33	20.45	20.36				
15	16QAM	1	37	20.31	20.42	20.20				
15	16QAM	1	74	20.16	20.48	20.15	21	2		
15	16QAM	36	0	19.95	19.91	19.81				
15	16QAM	36	20	19.90	19.79	19.86				
15	16QAM	36	39	19.95	19.84	19.85	21	2		
15	16QAM	75	0	19.76	19.88	19.91				
15	64QAM	1	0	19.92	20.14	19.81				
15	64QAM	1	37	19.89	20.00	19.95	21	2		
15	64QAM	1	74	19.98	19.89	19.87				
15	64QAM	36	0	18.71	19.89	18.82				
15	64QAM	36	20	18.81	19.02	18.92	20	3		
15	64QAM	36	39	19.05	18.79	18.99				
15	64QAM	75	0	18.82	18.81	18.88				
15	256QAM	1	0	16.94	16.92	16.92	18	5		
15	256QAM	1	37	16.72	16.87	16.74				
15	256QAM	1	74	16.95	16.82	16.83				
15	256QAM	36	0	16.83	17.01	16.88	18	5		
15	256QAM	36	20	16.94	16.89	16.87				
15	256QAM	36	39	16.89	16.90	16.86				
15	256QAM	75	0	16.96	16.89	16.84				
Channel				20800	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	21.40	21.53	21.50	23	0		
10	QPSK	1	25	21.31	21.23	21.21				
10	QPSK	1	49	21.29	21.33	21.19				
10	QPSK	25	0	20.58	20.58	20.45	22	1		
10	QPSK	25	12	20.52	20.52	20.51				
10	QPSK	25	25	20.35	20.54	20.49				
10	QPSK	50	0	20.25	20.52	20.56	22	1		
10	16QAM	1	0	20.17	20.34	20.39				
10	16QAM	1	25	20.25	20.30	20.27				
10	16QAM	1	49	20.11	20.46	20.31	21	2		
10	16QAM	25	0	19.80	19.91	19.90				
10	16QAM	25	12	19.83	19.80	19.91				
10	16QAM	25	25	19.92	19.77	19.89	21	2		
10	16QAM	50	0	19.78	19.87	19.90				
10	64QAM	1	0	19.96	20.10	19.90				
10	64QAM	1	25	19.91	19.97	19.88	21	2		
10	64QAM	1	49	20.00	19.96	19.87				
10	64QAM	25	0	18.72	19.02	18.85				
10	64QAM	25	12	18.75	19.03	19.00	20	3		
10	64QAM	25	25	18.96	19.00	18.88				
10	64QAM	50	0	18.82	18.91	18.86				
10	256QAM	1	0	17.07	16.84	16.87	18	5		
10	256QAM	1	25	16.88	16.93	16.69				
10	256QAM	1	49	16.90	16.84	16.74				
10	256QAM	25	0	16.91	16.84	16.85	18	5		
10	256QAM	25	12	16.88	16.84	16.76				
10	256QAM	25	25	16.88	17.00	16.87				
10	256QAM	50	0	16.97	16.85	16.76				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	21.31	21.67	21.54	23	0		
5	QPSK	1	12	21.42	21.25	21.23				
5	QPSK	1	24	21.24	21.39	21.16				
5	QPSK	12	0	20.48	20.53	20.37	22	1		
5	QPSK	12	7	20.53	20.47	20.53				
5	QPSK	12	13	20.34	20.54	20.37				
5	QPSK	25	0	20.35	20.54	20.50	22	1		
5	16QAM	1	0	20.27	20.49	20.40				
5	16QAM	1	12	20.17	20.41	20.27				
5	16QAM	1	24	20.06	20.43	20.17	21	2		
5	16QAM	12	0	19.83	19.90	19.93				
5	16QAM	12	7	19.87	19.77	19.85				
5	16QAM	12	13	19.93	19.87	19.76	21	2		
5	16QAM	25	0	19.76	19.96	19.94				
5	64QAM	1	0	19.99	20.02	19.80				
5	64QAM	1	12	19.87	19.95	19.81	21	2		
5	64QAM	1	24	19.93	20.01	19.95				
5	64QAM	12	0	18.66	19.00	18.88				
5	64QAM	12	7	18.82	19.00	18.89	20	3		
5	64QAM	12	13	18.99	18.89	18.84				
5	64QAM	25	0	18.96	18.87	18.91				
5	256QAM	1	0	17.02	16.87	17.02	18	5		
5	256QAM	1	12	16.74	16.92	16.71				
5	256QAM	1	24	16.91	16.91	16.81				
5	256QAM	12	0	16.84	16.84	16.79	18	5		
5	256QAM	12	7	16.80	16.90	16.89				
5	256QAM	12	13	16.85	16.92	16.81				
5	256QAM	25	0	17.02	16.95	16.72				



LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MFR (dB)		
Channel		Channel		30750	30750	31500				
Frequency (MHz)		2560	2595	2630						
20	QPSK	1	0	22.25	22.36	22.31				
20	QPSK	1	49	22.18	22.23	22.13				
20	QPSK	1	99	22.13	22.21	22.16			24	0
20	QPSK	50	0	21.40	21.56	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			23	1
20	16QAM	1	49	21.20	21.23	21.14				
20	16QAM	1	99	21.12	21.22	21.21			22	2
20	16QAM	50	0	20.85	20.87	20.83				
20	16QAM	50	24	20.73	20.80	20.73			22	2
20	16QAM	50	50	20.75	20.80	20.78				
20	16QAM	100	0	20.75	20.84	20.77				
20	64QAM	1	0	20.84	20.90	20.86			22	2
20	64QAM	1	49	20.87	20.88	20.86				
20	64QAM	1	99	20.85	20.87	20.84			21	3
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				
20	64QAM	100	0	19.80	19.85	19.83				
20	256QAM	1	0	17.80	17.89	17.84			19	5
20	256QAM	1	49	17.77	17.80	17.74				
20	256QAM	1	99	17.75	17.80	17.70			19	5
20	256QAM	50	0	17.77	17.88	17.84				
20	256QAM	50	24	17.75	17.79	17.72				
20	256QAM	50	50	17.78	17.87	17.81				
20	256QAM	100	0	17.78	17.86	17.77				
Channel				30755	30755	31515	Turn-up limit (dBm)	MFR (dB)		
Frequency (MHz)				20775	20775	20825				
15	QPSK	1	0	22.30	22.30	22.07			24	0
15	QPSK	1	37	22.12	22.24	22.25				
15	QPSK	1	74	22.12	22.15	22.14				
15	QPSK	36	0	21.31	21.37	21.26			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			23	1
15	16QAM	1	37	21.14	21.13	21.10				
15	16QAM	1	74	21.02	21.15	21.15				
15	16QAM	36	0	20.87	20.92	20.79			22	2
15	16QAM	36	39	20.88	20.72	20.73				
15	16QAM	36	75	20.86	20.71	20.67				
15	16QAM	75	0	20.69	20.74	20.75				
15	64QAM	1	0	20.80	20.83	20.80			22	2
15	64QAM	1	37	20.82	20.81	20.75				
15	64QAM	1	74	20.77	20.81	20.78				
15	64QAM	36	0	19.64	19.79	19.71			21	3
15	64QAM	36	39	19.77	19.84	19.80				
15	64QAM	36	75	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			19	5
15	256QAM	1	37	17.80	17.81	17.80				
15	256QAM	1	74	17.70	17.72	17.67				
15	256QAM	36	0	17.75	17.83	17.76			19	5
15	256QAM	36	39	17.72	17.69	17.65				
15	256QAM	36	75	17.69	17.84	17.79				
15	256QAM	75	0	17.82	17.78	17.72				
Channel				30755	30755	31515	Turn-up limit (dBm)	MFR (dB)		
Frequency (MHz)				22715	22715	22815				
10	QPSK	1	0	22.14	22.34	22.26			24	0
10	QPSK	1	25	22.12	22.20	22.03				
10	QPSK	1	49	22.05	22.12	22.13				
10	QPSK	25	0	21.34	21.34	21.30			23	1
10	QPSK	25	12	21.29	21.37	21.41				
10	QPSK	25	25	21.27	21.31	21.34				
10	QPSK	50	0	21.18	21.24	21.20				
10	16QAM	1	0	21.18	21.24	21.13			23	1
10	16QAM	1	25	21.12	21.17	21.09				
10	16QAM	1	49	21.09	21.19	21.15				
10	16QAM	25	0	20.82	20.85	20.83			22	2
10	16QAM	25	12	20.12	20.01	20.10				
10	16QAM	25	25	20.09	20.19	20.23				
10	16QAM	50	0	20.12	20.07	20.20			22	2
10	64QAM	1	0	20.21	20.19	20.25				
10	64QAM	1	25	20.20	20.12	20.28			22	2
10	64QAM	1	49	20.20	20.09	20.17				
10	64QAM	25	0	19.28	19.16	19.22			21	3
10	64QAM	25	12	19.15	19.18	19.25				
10	64QAM	25	25	19.11	19.19	19.17				
10	64QAM	50	0	19.08	19.16	19.24				
10	256QAM	1	0	17.66	17.74	17.81			19	5
10	256QAM	1	25	17.70	17.70	17.71				
10	256QAM	1	49	17.62	17.68	17.68				
10	256QAM	25	0	17.57	17.59	17.65			19	5
10	256QAM	25	12	17.74	17.66	17.72				
10	256QAM	25	25	17.65	17.64	17.56				
10	256QAM	50	0	17.63	17.64	17.61				
Channel				30775	30775	31525	Turn-up limit (dBm)	MFR (dB)		
Frequency (MHz)				24825	24825	24925				
5	QPSK	1	0	22.12	22.41	22.34			24	0
5	QPSK	1	12	22.15	22.18	22.15				
5	QPSK	1	24	22.13	22.09	22.12				
5	QPSK	12	0	21.18	21.17	21.23			23	1
5	QPSK	12	7	21.22	21.07	21.09				
5	QPSK	12	13	21.11	21.20	21.11				
5	QPSK	25	0	21.13	21.17	21.15				
5	16QAM	1	0	21.20	21.25	21.23			23	1
5	16QAM	1	12	21.09	21.20	21.22				
5	16QAM	1	24	21.08	21.21	21.24				
5	16QAM	12	0	20.17	20.10	20.27			22	2
5	16QAM	12	7	20.14	20.06	20.11				
5	16QAM	12	13	20.17	20.15	20.10				
5	16QAM	25	0	20.06	20.00	20.10			22	2
5	64QAM	1	0	20.24	20.19	20.21			22	2
5	64QAM	1	12	20.15	20.10	20.27				
5	64QAM	1	24	20.22	20.07	20.22				
5	64QAM	12	0	19.23	19.23	19.26			21	3
5	64QAM	12	7	19.12	19.18	19.27				
5	64QAM	12	13	19.13	19.15	19.25				
5	64QAM	25	0	19.13	19.18	19.15				
5	256QAM	1	0	17.73	17.76	17.77			19	5
5	256QAM	1	12	17.65	17.69	17.68				
5	256QAM	1	24	17.62	17.62	17.61				
5	256QAM	12	0	17.62	17.60	17.61			19	5
5	256QAM	12	7	17.58	17.58	17.57				
5	256QAM	12	13	17.67	17.70	17.69				
5	256QAM	12	25	17.67	17.67	17.64				
5	256QAM	25	0	17.63	17.62	17.67				

LTE Band 41 Ant1 Other_PA												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Low Freq.	Power High Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MFR (dB)			
Channel		Channel		30750	40165	40620	41055					
Frequency (MHz)		2560 <th>2549.5 <th>2593 <th>2636.5 <th>2680 <th colspan="2"></th> <th colspan="2"></th> </th></th></th></th>	2549.5 <th>2593 <th>2636.5 <th>2680 <th colspan="2"></th> <th colspan="2"></th> </th></th></th>	2593 <th>2636.5 <th>2680 <th colspan="2"></th> <th colspan="2"></th> </th></th>	2636.5 <th>2680 <th colspan="2"></th> <th colspan="2"></th> </th>	2680 <th colspan="2"></th> <th colspan="2"></th>						
20	QPSK	1	0	22.15	22.41	22.40	22.35	22.21				
20	QPSK	1	49	22.20	22.21	22.25	22.24	22.17				
20	QPSK	1	99	22.16	22.11	22.21	22.13	22.14			24	0
20	QPSK	50	0	21.52	21.21	21.35	21.19	21.34				
20	QPSK	50	24	21.07	21.16	21.16	21.13	21.08			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			23	1
20	16QAM	1	49	21.16	21.21	21.25	21.24	21.16				
20	16QAM	1	99	20.26	20.26	20.30	20.21	20.22			22	2
20	16QAM	50	0	20.20	20.19	20.28	20.17	20.20				
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				
20	16QAM	100	0	20.16	20.14	20.25	20.20	20.20				
20	64QAM	1	0	20.26	20.25	20.31	20.28	20.28			22	2
20	64QAM	1	49	20.26	20.26	20.30	20.21	20.22				
20	64QAM	1	99	20.23	20.15	20.25	20.16	20.18			21	3
20	64QAM	50	0	19.30	19.28	19.33	19.23	19.22				
20	64QAM	50	24	19.23	19.21	19.31	19.21	19.29				
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	19.18				
20	256Q											



### Reduced Power Mode for DS12

LTE Band 7 Ant4 Other_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2050	2100	2150			
Frequency (MHz)				2010	2035	2060			
20	QPSK	1	0	21.09	21.12	21.03	22.5	0	
20	QPSK	1	40	20.97	20.90	20.98			
20	QPSK	1	99	20.89	20.88	20.83			
20	QPSK	50	0	20.63	20.71	20.47			
20	QPSK	50	24	20.55	20.56	20.55	22	0.5	
20	QPSK	50	50	20.43	20.69	20.45			
20	QPSK	100	0	20.38	20.63	20.59			
20	16QAM	1	0	20.36	20.51	20.47			
20	16QAM	1	49	20.36	20.46	20.30	22	0.5	
20	16QAM	1	99	20.25	20.49	20.34			
20	16QAM	50	0	19.97	19.98	19.96			
20	16QAM	50	24	19.93	19.92	19.95			
20	16QAM	50	50	20.01	19.95	19.93	21	1.5	
20	16QAM	100	0	19.93	20.02	19.99			
20	64QAM	1	0	20.01	20.17	19.98			
20	64QAM	1	49	19.99	20.04	20.00			
20	64QAM	1	99	20.12	20.34	20.03	20	2.5	
20	64QAM	50	0	18.84	19.06	18.91			
20	64QAM	50	24	18.93	19.07	19.07			
20	64QAM	50	50	19.06	18.96	19.04			
20	64QAM	100	0	18.97	18.97	19.00	18	4.5	
20	256QAM	1	0	17.12	17.02	17.03			
20	256QAM	1	49	16.89	17.02	16.85			
20	256QAM	1	99	16.99	16.96	16.88			
20	256QAM	50	0	16.94	17.02	16.96	18	4.5	
20	256QAM	50	24	16.96	16.95	16.95			
20	256QAM	50	50	16.95	17.08	16.99			
20	256QAM	100	0	17.10	17.01	16.89			
Channel				2062.5	21100	21375			
Frequency (MHz)				207.5	2035	2062.5			
15	QPSK	1	0	20.98	20.98	20.95	22.5	0	
15	QPSK	1	37	20.90	20.77	20.75			
15	QPSK	1	74	20.76	20.77	20.76			
15	QPSK	36	0	20.54	20.61	20.51			
15	QPSK	36	20	20.37	20.46	20.42	22	0.5	
15	QPSK	36	39	20.35	20.57	20.38			
15	QPSK	75	0	20.21	20.47	20.50			
15	16QAM	1	0	20.33	20.45	20.36			
15	16QAM	1	37	20.31	20.42	20.20	22	0.5	
15	16QAM	1	74	20.16	20.48	20.15			
15	16QAM	36	0	19.95	19.91	19.81			
15	16QAM	36	20	19.90	19.79	19.86			
15	16QAM	36	39	19.95	19.84	19.85	21	1.5	
15	16QAM	75	0	19.76	19.88	19.91			
15	64QAM	1	0	19.92	20.14	19.81			
15	64QAM	1	37	19.89	20.00	19.95			
15	64QAM	1	74	19.98	19.89	19.87	21	1.5	
15	64QAM	36	0	18.71	18.89	18.82			
15	64QAM	36	20	18.81	19.02	18.92			
15	64QAM	36	39	19.05	18.79	18.99			
15	64QAM	75	0	18.92	18.81	18.88	20	2.5	
15	256QAM	1	0	16.94	16.92	16.92			
15	256QAM	1	37	16.72	16.87	16.74			
15	256QAM	1	74	16.95	16.82	16.83			
15	256QAM	36	0	16.83	17.01	16.88	18	4.5	
15	256QAM	36	20	16.94	16.89	16.87			
15	256QAM	36	39	16.89	16.90	16.86			
15	256QAM	75	0	16.96	16.89	16.84			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2035	2065			
10	QPSK	1	0	21.04	21.05	20.97	22.5	0	
10	QPSK	1	25	20.89	20.79	20.82			
10	QPSK	1	49	20.76	20.78	20.74			
10	QPSK	25	0	20.58	20.58	20.45			
10	QPSK	25	12	20.52	20.52	20.51	22	0.5	
10	QPSK	25	25	20.36	20.54	20.46			
10	QPSK	50	0	20.25	20.52	20.56			
10	16QAM	1	0	20.17	20.34	20.39			
10	16QAM	1	25	20.25	20.30	20.27	22	0.5	
10	16QAM	1	49	20.11	20.46	20.31			
10	16QAM	25	0	19.80	19.91	19.90			
10	16QAM	25	12	19.83	19.80	19.91			
10	16QAM	25	25	19.92	19.77	19.89	21	1.5	
10	16QAM	50	0	19.78	19.87	19.90			
10	64QAM	1	0	19.96	20.10	19.90			
10	64QAM	1	25	19.91	19.97	19.88			
10	64QAM	1	49	20.00	19.96	19.87	21	1.5	
10	64QAM	25	0	18.72	19.02	18.85			
10	64QAM	25	12	18.75	19.03	19.05			
10	64QAM	25	25	18.96	18.90	18.88			
10	64QAM	50	0	18.82	18.91	18.86	20	2.5	
10	256QAM	1	0	17.07	16.84	16.87			
10	256QAM	1	25	16.98	16.93	16.69			
10	256QAM	1	49	16.90	16.84	16.74			
10	256QAM	25	0	16.91	16.84	16.85	18	4.5	
10	256QAM	25	12	16.88	16.84	16.76			
10	256QAM	25	25	16.88	17.00	16.87			
10	256QAM	50	0	16.97	16.85	16.76			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2035	2077.5			
5	QPSK	1	0	20.98	21.01	20.95	22.5	0	
5	QPSK	1	12	20.88	20.84	20.82			
5	QPSK	1	24	20.82	20.74	20.69			
5	QPSK	12	0	20.48	20.53	20.37			
5	QPSK	12	7	20.53	20.47	20.53	22	0.5	
5	QPSK	12	13	20.34	20.54	20.37			
5	QPSK	25	0	20.35	20.54	20.50			
5	16QAM	1	0	20.27	20.49	20.46			
5	16QAM	1	12	20.17	20.41	20.27	22	0.5	
5	16QAM	1	24	20.06	20.43	20.17			
5	16QAM	12	0	19.83	19.90	19.93			
5	16QAM	12	7	19.87	19.77	19.85			
5	16QAM	12	13	19.93	19.87	19.76	21	1.5	
5	16QAM	25	0	19.76	19.96	19.94			
5	64QAM	1	0	19.99	20.02	19.90			
5	64QAM	1	12	19.87	19.95	19.81			
5	64QAM	1	24	19.93	20.01	19.95	21	1.5	
5	64QAM	12	0	18.66	19.00	18.88			
5	64QAM	12	7	18.82	19.00	18.89			
5	64QAM	12	13	18.99	18.89	18.94			
5	64QAM	25	0	18.96	18.87	18.91	20	2.5	
5	256QAM	1	0	17.02	16.87	17.02			
5	256QAM	1	12	16.74	16.92	16.71			
5	256QAM	1	24	16.91	16.91	16.81			
5	256QAM	12	0	16.84	16.84	16.79	18	4.5	
5	256QAM	12	7	16.88	16.90	16.89			
5	256QAM	12	13	16.85	16.92	16.81			
5	256QAM	25	0	17.02	16.95	16.72			



LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.25	22.36	22.50				
20	QPSK	1	49	22.18	22.29	22.18	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	21.46	21.48	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	20.85				
20	16QAM	50	24	20.73	20.80	20.78	22	2		
20	16QAM	50	50	20.75	20.80	20.75				
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	21	3		
20	64QAM	50	50	19.81	19.85	19.77				
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	17.82	17.82	17.79				
20	256QAM	50	0	17.77	17.80	17.74				
20	256QAM	50	24	17.78	17.79	17.72	19	5		
20	256QAM	50	50	17.78	17.87	17.81				
20	256QAM	100	0	17.84	17.87	17.77				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.50	22.50	22.50				
15	QPSK	1	37	22.12	22.14	22.07	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	21.39	21.32				
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	20.82	20.79	20.79	22	2		
15	16QAM	36	39	20.86	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	19.84	19.84	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	17.66	19	5		
15	256QAM	1	74	17.75	17.80	17.76				
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	17.62	17.78	17.72				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.14	22.24	22.16				
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	21.16	21.24	21.26				
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	19.81	19.80	19.65				
10	64QAM	25	12	19.78	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	17.76				
10	256QAM	50	0	17.75	17.79	17.76				
Channel										
Frequency (MHz)										
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	21.30	23	1		
5	QPSK	12	13	21.28	21.31	21.34				
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	20.70				
5	16QAM	12	13	20.69	20.74	20.74	22	2		
5	64QAM	1	0	19.78	19.82	19.60				
5	64QAM	1	12	20.79	20.84	20.83				
5	64QAM	1	24	20.77	20.79	20.83	22	2		
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	19.78	19.82	19.80				
5	64QAM	25	0	19.71	19.80	19.79				
5	256QAM	1	0	17.70	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	17.67	17.70	17.66	19	5		
5	256QAM	12	13	17.66	17.86	17.74				
5	256QAM	25	0	17.75	17.83	17.74				

LTE Band 41 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.15	22.41	22.40	22.35	22.31		
20	QPSK	1	49	22.20	22.21	22.25	22.24	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	21.22	21.19	21.24		
20	QPSK	50	24	21.07	21.16	21.16	21.15	21.06	23	1
20	QPSK	50	50	21.15	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	1	49	21.16	21.21	21.25	21.24	21.18	23	1
20	16QAM	1	99	21.19	21.25	21.27	21.20	21.21		
20	16QAM	50	0	20.26	20.59	20.26	20.17	20.26		
20	16QAM	50	24	20.18	20.11	20.22	20.17	20.14	22	2
20	16QAM	50</								



### Reduced Power Mode for DSI3

LTE Band 7 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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.52	17.68	17.55	19	0	
20	QPSK	1	49	17.59	17.57	17.56			
20	QPSK	1	99	17.55	17.62	17.47			
20	QPSK	50	0	17.65	17.66	17.53	19	0	
20	QPSK	50	24	17.40	17.53	17.46			
20	QPSK	50	50	17.43	17.57	17.51			
20	QPSK	100	0	17.60	17.63	17.55			
20	16QAM	1	0	17.63	17.46	17.45	19	0	
20	16QAM	1	49	17.87	17.56	17.63			
20	16QAM	1	99	17.39	17.57	17.48			
20	16QAM	50	0	17.55	17.51	17.39	19	0	
20	16QAM	50	24	17.41	17.60	17.39			
20	16QAM	50	50	17.60	17.63	17.66			
20	16QAM	100	0	17.42	17.67	17.44			
20	64QAM	1	0	17.58	17.43	17.42	19	0	
20	64QAM	1	49	17.66	17.41	17.63			
20	64QAM	1	99	17.47	17.54	17.42			
20	64QAM	50	0	17.62	17.50	17.46	19	0	
20	64QAM	50	24	17.52	17.62	17.41			
20	64QAM	50	50	17.52	17.57	17.45			
20	64QAM	100	0	17.57	17.59	17.46			
20	256QAM	1	0	17.12	17.02	17.03	18	1	
20	256QAM	1	49	16.89	17.02	16.85			
20	256QAM	1	99	16.99	16.96	16.88			
20	256QAM	50	0	16.94	17.02	16.96	18	1	
20	256QAM	50	24	16.98	16.95	16.95			
20	256QAM	50	50	16.95	17.08	16.99			
20	256QAM	100	0	17.10	17.01	16.89			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.40	17.45	17.50	19	0	
15	QPSK	1	37	17.47	17.44	17.58			
15	QPSK	1	74	17.41	17.56	17.41			
15	QPSK	36	0	17.55	17.50	17.46	19	0	
15	QPSK	36	20	17.30	17.41	17.38			
15	QPSK	36	39	17.30	17.45	17.43			
15	QPSK	75	0	17.50	17.48	17.46	19	0	
15	16QAM	1	0	17.48	17.34	17.32	19	0	
15	16QAM	1	37	17.57	17.44	17.51			
15	16QAM	1	74	17.30	17.44	17.42			
15	16QAM	36	0	17.49	17.48	17.28	19	0	
15	16QAM	36	20	17.28	17.54	17.28			
15	16QAM	36	39	17.53	17.56	17.60			
15	16QAM	75	0	17.33	17.60	17.31	19	0	
15	64QAM	1	0	17.48	17.28	17.32	19	0	
15	64QAM	1	37	17.60	17.28	17.54			
15	64QAM	1	74	17.34	17.44	17.38			
15	64QAM	36	0	17.53	17.42	17.38	19	0	
15	64QAM	36	20	17.37	17.57	17.28			
15	64QAM	36	39	17.48	17.52	17.37			
15	64QAM	75	0	17.49	17.45	17.37	18	1	
15	256QAM	1	0	16.84	16.92	16.92	18	1	
15	256QAM	1	37	16.72	16.87	16.74			
15	256QAM	1	74	16.95	16.82	16.83			
15	256QAM	36	0	16.83	17.01	16.88	18	1	
15	256QAM	36	20	16.94	16.89	16.87			
15	256QAM	36	39	16.89	16.90	16.86			
15	256QAM	75	0	16.96	16.89	16.84			
Channel				20890	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.48	17.41	17.46	19	0	
10	QPSK	1	25	17.50	17.46	17.58			
10	QPSK	1	49	17.40	17.55	17.39			
10	QPSK	25	0	17.51	17.49	17.45	19	0	
10	QPSK	25	12	17.31	17.45	17.35			
10	QPSK	25	25	17.33	17.47	17.43			
10	QPSK	50	0	17.51	17.51	17.48	19	0	
10	16QAM	1	0	17.52	17.40	17.31	19	0	
10	16QAM	1	25	17.53	17.41	17.51			
10	16QAM	1	49	17.34	17.50	17.42			
10	16QAM	25	0	17.47	17.36	17.32	19	0	
10	16QAM	25	12	17.36	17.46	17.32			
10	16QAM	25	25	17.52	17.58	17.54			
10	16QAM	50	0	17.35	17.60	17.32	19	0	
10	64QAM	1	0	17.45	17.37	17.29	19	0	
10	64QAM	1	25	17.54	17.34	17.52			
10	64QAM	1	49	17.32	17.41	17.29			
10	64QAM	25	0	17.50	17.36	17.38	19	0	
10	64QAM	25	12	17.46	17.52	17.28			
10	64QAM	25	25	17.46	17.47	17.38			
10	64QAM	50	0	17.47	17.54	17.40	18	1	
10	256QAM	1	0	17.07	16.84	16.87			
10	256QAM	1	25	16.88	16.93	16.89			
10	256QAM	1	49	16.90	16.84	16.74			
10	256QAM	25	0	16.91	16.84	16.85	18	1	
10	256QAM	25	12	16.88	16.94	16.76			
10	256QAM	25	25	16.88	17.03	16.87			
10	256QAM	50	0	16.97	16.95	16.76			
Channel				20775	21100	21425			
Frequency (MHz)				2622.5	2635	2627.5			
5	QPSK	1	0	17.46	17.41	17.41	19	0	
5	QPSK	1	12	17.52	17.50	17.54			
5	QPSK	1	24	17.42	17.49	17.42			
5	QPSK	12	0	17.54	17.50	17.45	19	0	
5	QPSK	12	7	17.34	17.39	17.40			
5	QPSK	12	13	17.36	17.43	17.41			
5	QPSK	25	0	17.55	17.52	17.48	19	0	
5	16QAM	1	0	17.49	17.36	17.40	19	0	
5	16QAM	1	12	17.54	17.50	17.57			
5	16QAM	1	24	17.31	17.49	17.40			
5	16QAM	12	0	17.49	17.37	17.33	19	0	
5	16QAM	12	7	17.27	17.51	17.30			
5	16QAM	12	13	17.51	17.49	17.57			
5	16QAM	25	0	17.38	17.57	17.32	19	0	
5	64QAM	1	0	17.50	17.33	17.36	19	0	
5	64QAM	1	12	17.52	17.28	17.50			
5	64QAM	1	24	17.40	17.47	17.30			
5	64QAM	12	0	17.55	17.39	17.32	19	0	
5	64QAM	12	7	17.40	17.55	17.32			
5	64QAM	12	13	17.41	17.48	17.38			
5	64QAM	25	0	17.46	17.46	17.33	18	1	
5	256QAM	1	0	17.02	16.87	17.02			
5	256QAM	1	12	16.74	16.92	16.71			
5	256QAM	1	24	16.91	16.91	16.81			
5	256QAM	12	0	16.84	16.84	16.79	18	1	
5	256QAM	12	7	16.86	16.90	16.89			
5	256QAM	12	13	16.85	16.92	16.81			
5	256QAM	25	0	17.02	16.95	16.72			



LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up Int (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.42	19.45	19.39				
20	QPSK	1	49	19.23	19.39	19.35	21	0		
20	QPSK	1	99	19.20	19.42	19.25				
20	QPSK	50	0	19.38	19.43	19.26				
20	QPSK	50	24	19.22	19.38	19.29	21	0		
20	QPSK	50	50	19.35	19.32	19.24				
20	QPSK	100	0	19.22	19.41	19.29				
20	16QAM	1	0	19.30	19.41	19.43				
20	16QAM	1	49	19.27	19.18	19.20	21	0		
20	16QAM	1	99	19.31	19.34	19.35				
20	16QAM	50	0	19.20	19.32	19.21				
20	16QAM	50	24	19.24	19.28	19.32	21	0		
20	16QAM	50	50	19.20	19.24	19.21				
20	16QAM	100	0	19.28	19.28	19.34				
20	16QAM	1	0	19.26	19.35	19.36				
20	64QAM	1	49	19.44	19.39	19.33	21	0		
20	64QAM	1	99	19.31	19.36	19.19				
20	64QAM	50	0	19.38	19.22	19.23				
20	64QAM	50	24	19.27	19.35	19.35	21	0		
20	64QAM	50	50	19.35	19.18	19.17				
20	64QAM	100	0	19.27	19.44	19.27				
20	256QAM	1	0	17.85	17.89	17.84				
20	256QAM	1	49	17.77	17.86	17.74	19	2		
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	2		
20	256QAM	50	50	17.78	17.87	17.81				
20	256QAM	100	0	17.84	17.86	17.77				
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.12	19.27	19.17				
15	QPSK	1	37	19.12	19.33	19.30	21	0		
15	QPSK	1	74	19.08	19.31	19.10				
15	QPSK	38	0	19.06	19.29	19.37				
15	QPSK	38	20	19.23	19.31	19.16	21	0		
15	QPSK	38	39	19.27	19.34	19.18				
15	QPSK	75	0	19.15	19.32	19.14				
15	16QAM	1	0	19.24	19.29	19.35				
15	16QAM	1	37	19.15	19.04	19.10	21	0		
15	16QAM	1	74	19.25	19.22	19.24				
15	16QAM	38	0	19.18	19.21	19.37				
15	16QAM	38	20	19.27	19.34	19.19	21	0		
15	16QAM	38	39	19.06	19.19	19.26				
15	16QAM	75	0	19.15	19.23	19.21				
15	64QAM	1	0	19.12	19.35	19.27				
15	64QAM	1	37	19.35	19.33	19.20	21	0		
15	64QAM	1	74	19.18	19.34	19.13				
15	64QAM	38	0	19.21	19.24	19.21				
15	64QAM	38	20	19.15	19.24	19.29	21	0		
15	64QAM	38	39	19.27	19.27	19.26				
15	64QAM	75	0	19.15	19.23	19.10				
15	64QAM	75	0	19.20	19.36	19.18				
15	256QAM	1	0	17.78	17.72	17.74				
15	256QAM	1	37	17.70	17.72	17.65	19	2		
15	256QAM	1	74	17.75	17.81	17.69				
15	256QAM	38	0	17.75	17.83	17.67				
15	256QAM	38	20	17.72	17.69	17.65	19	2		
15	256QAM	38	39	17.69	17.84	17.79				
15	256QAM	75	0	17.82	17.78	17.73				
Channel										
Frequency (MHz)										
10	QPSK	1	0	19.17	19.21	19.15				
10	QPSK	1	25	19.16	19.20	19.17	21	0		
10	QPSK	1	49	19.05	19.32	19.32				
10	QPSK	25	0	19.05	19.33	19.40				
10	QPSK	25	12	19.19	19.38	19.15	21	0		
10	QPSK	25	25	19.27	19.14	19.16				
10	QPSK	50	0	19.20	19.31	19.21				
10	16QAM	1	0	19.24	19.31	19.33				
10	16QAM	1	25	19.13	19.12	19.05	21	0		
10	16QAM	1	49	19.19	19.25	19.21				
10	16QAM	25	0	19.17	19.19	19.34				
10	16QAM	25	12	19.12	19.32	19.09	21	0		
10	16QAM	25	25	19.21	19.31	19.21				
10	16QAM	50	0	19.23	19.18	19.21				
10	16QAM	1	0	19.10	19.38	19.30				
10	64QAM	1	25	19.30	19.34	19.21	21	0		
10	64QAM	1	49	19.19	19.31	19.11				
10	64QAM	25	0	19.24	19.29	19.47				
10	64QAM	25	12	19.43	19.24	19.45	21	0		
10	64QAM	25	12	19.43	19.24	19.45				
10	64QAM	25	25	19.22	19.31	19.31	21	0		
10	64QAM	50	0	19.28	19.24	19.27				
10	64QAM	1	0	19.24	19.34	19.27				
10	64QAM	1	25	19.35	19.27	19.36	21	0		
10	64QAM	1	49	19.24	19.29	19.47				
10	64QAM	25	0	19.41	19.37	19.31				
10	64QAM	25	12	19.38	19.36	19.22	21	0		
10	64QAM	25	25	19.22	19.31	19.48				
10	64QAM	50	0	19.33	19.42	19.31				
10	256QAM	1	0	17.66	17.74	17.61				
10	256QAM	1	25	17.70	17.70	17.61	19	2		
10	256QAM	1	49	17.62	17.68	17.67				
10	256QAM	25	0	17.57	17.69	17.61	19	2		
10	256QAM	25	12	17.74	17.68	17.62				
10	256QAM	25	25	17.65	17.64	17.58	19	2		
10	256QAM	50	0	17.63	17.64	17.61				
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.14	19.27	19.20				
5	QPSK	1	12	19.27	19.30	19.42	21	0		
5	QPSK	1	24	19.14	19.35	19.18				
5	QPSK	12	0	19.10	19.30	19.38				
5	QPSK	12	7	19.27	19.37	19.10	21	0		
5	QPSK	12	13	19.27	19.34	19.07				
5	QPSK	25	0	19.16	19.36	19.20				
5	16QAM	1	0	19.15	19.30	19.35				
5	16QAM	1	12	19.21	19.04	19.21	21	0		
5	16QAM	1	24	19.25	19.25	19.25				
5	16QAM	12	0	19.15	19.25	19.38				
5	16QAM	12	7	19.15	19.38	19.16	21	0		
5	16QAM	12	13	19.22	19.23	19.26				
5	16QAM	25	0	19.23	19.20	19.26				
5	64QAM	1	0	19.13	19.37	19.22				
5	64QAM	1	12	19.35	19.28	19.22	21	0		
5	64QAM	1	24	19.18	19.33	19.12				
5	64QAM	12	0	19.31	19.15	19.25				
5	64QAM	12	7	19.15	19.29	19.22	21	0		
5	64QAM	12	13	19.22	19.09	19.08				
5	64QAM	25	0	19.20	19.20	19.12				
5	256QAM	1	0	17.79	17.79	17.82				
5	256QAM	1	12	17.70	17.72	17.62	19	2		
5	256QAM	1	24	17.69	17.77	17.69				
5	256QAM	12	0	17.74	17.78	17.67				
5	256QAM	12	7	17.67	17.70	17.66	19	2		
5	256QAM	12	13	17.68	17.86	17.74				
5	256QAM	25	0	17.75	17.83	17.74				

LTE Band 41 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up Int (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	19.33	19.49	19.53				
20	QPSK	1	49	19.34	19.51	19.53	21	0		
20	QPSK	1	99	19.51	19.51	19.47				
20	QPSK	50	0	19.52	19.50	19.52				



### Reduced Power Mode for DSI6

LTE Band 7 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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	19.61	19.67	19.84	21	0	
20	QPSK	1	49	19.50	19.53	19.54			
20	QPSK	1	99	19.51	19.63	19.50			
20	QPSK	50	0	19.60	19.62	19.59	21	0	
20	QPSK	50	24	19.61	19.59	19.56			
20	QPSK	50	50	19.55	19.59	19.58			
20	QPSK	100	0	19.51	19.59	19.50	21	0	
20	16QAM	1	0	19.61	19.64	19.50			
20	16QAM	1	49	19.56	19.48	19.61			
20	16QAM	1	99	19.58	19.54	19.51	21	0	
20	16QAM	50	0	19.46	19.55	19.63			
20	16QAM	50	24	19.55	19.55	19.54			
20	16QAM	50	50	19.47	19.61	19.40	21	0	
20	16QAM	100	0	19.54	19.55	19.54			
20	64QAM	1	0	19.52	19.43	19.54			
20	64QAM	1	49	19.48	19.55	19.60	21	0	
20	64QAM	1	99	19.66	19.48	19.65			
20	64QAM	50	0	18.84	19.06	18.91			
20	64QAM	50	24	18.93	19.07	19.07	20	1	
20	64QAM	50	50	19.06	18.96	19.04			
20	64QAM	100	0	18.97	18.97	19.00			
20	256QAM	1	0	17.12	17.02	17.03	18	3	
20	256QAM	1	49	16.89	17.02	16.85			
20	256QAM	1	99	16.99	16.96	16.88			
20	256QAM	50	0	16.94	17.02	16.96	18	3	
20	256QAM	50	24	16.98	16.95	16.95			
20	256QAM	50	50	16.95	17.09	16.99			
20	256QAM	100	0	17.10	17.01	16.99			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.54	19.48	19.37	21	0	
15	QPSK	1	37	19.37	19.38	19.45			
15	QPSK	1	74	19.41	19.54	19.38			
15	QPSK	36	0	19.55	19.48	19.53	21	0	
15	QPSK	36	20	19.54	19.47	19.47			
15	QPSK	36	39	19.50	19.52	19.45			
15	QPSK	75	0	19.59	19.54	19.48	21	0	
15	16QAM	1	0	19.53	19.53	19.37			
15	16QAM	1	37	19.42	19.38	19.49			
15	16QAM	1	74	19.50	19.47	19.40	21	0	
15	16QAM	36	0	19.40	19.48	19.49			
15	16QAM	36	20	19.43	19.45	19.42			
15	16QAM	36	39	19.36	19.47	19.30	21	0	
15	16QAM	75	0	19.47	19.42	19.46			
15	64QAM	1	0	19.44	19.36	19.47			
15	64QAM	1	37	19.36	19.45	19.51	21	0	
15	64QAM	1	74	19.59	19.35	19.52			
15	64QAM	36	0	18.71	18.89	18.82			
15	64QAM	36	20	18.81	19.02	18.92	20	1	
15	64QAM	36	39	19.05	18.79	18.99			
15	64QAM	75	0	18.92	18.81	18.88			
15	256QAM	1	0	16.94	16.92	16.92	18	3	
15	256QAM	1	37	16.72	16.87	16.74			
15	256QAM	1	74	16.95	16.82	16.83			
15	256QAM	36	0	16.83	17.01	16.88	18	3	
15	256QAM	36	20	16.94	16.89	16.87			
15	256QAM	36	39	16.89	16.90	16.86			
15	256QAM	75	0	16.96	16.89	16.84			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.56	19.44	19.31	21	0	
10	QPSK	1	25	19.35	19.47	19.45			
10	QPSK	1	49	19.36	19.49	19.38			
10	QPSK	25	0	19.53	19.52	19.50	21	0	
10	QPSK	25	12	19.56	19.50	19.53			
10	QPSK	25	25	19.42	19.45	19.46			
10	QPSK	50	0	19.54	19.54	19.51	21	0	
10	16QAM	1	0	19.56	19.56	19.36			
10	16QAM	1	25	19.49	19.38	19.48			
10	16QAM	1	49	19.52	19.41	19.46	21	0	
10	16QAM	25	0	19.38	19.45	19.49			
10	16QAM	25	12	19.47	19.41	19.41			
10	16QAM	25	25	19.39	19.55	19.33	21	0	
10	16QAM	50	0	19.43	19.45	19.44			
10	64QAM	1	0	19.43	19.37	19.41			
10	64QAM	1	25	19.43	19.49	19.52	21	0	
10	64QAM	1	49	19.56	19.31	19.58			
10	64QAM	25	0	18.72	19.02	18.85			
10	64QAM	25	12	18.75	19.03	19.00	20	1	
10	64QAM	25	25	18.96	18.90	18.88			
10	64QAM	50	0	18.82	18.91	18.88			
10	256QAM	1	0	17.07	16.84	16.87	18	3	
10	256QAM	1	25	16.88	16.93	16.69			
10	256QAM	1	49	16.90	16.84	16.74			
10	256QAM	25	0	16.91	16.84	16.85	18	3	
10	256QAM	25	12	16.88	16.84	16.76			
10	256QAM	25	25	16.88	17.00	16.87			
10	256QAM	50	0	16.97	16.85	16.76			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.56	19.49	19.36	21	0	
5	QPSK	1	12	19.43	19.40	19.42			
5	QPSK	1	24	19.38	19.54	19.36			
5	QPSK	12	0	19.45	19.50	19.45	21	0	
5	QPSK	12	7	19.52	19.51	19.54			
5	QPSK	12	13	19.46	19.52	19.44			
5	QPSK	25	0	19.54	19.50	19.46	21	0	
5	16QAM	1	0	19.50	19.54	19.35			
5	16QAM	1	12	19.48	19.38	19.47			
5	16QAM	1	24	19.52	19.48	19.37	21	0	
5	16QAM	12	0	19.35	19.47	19.54			
5	16QAM	12	7	19.43	19.43	19.42			
5	16QAM	12	13	19.42	19.55	19.25	21	0	
5	16QAM	25	0	19.46	19.48	19.44			
5	64QAM	1	0	19.37	19.36	19.45			
5	64QAM	1	12	19.36	19.49	19.51	21	0	
5	64QAM	1	24	19.60	19.35	19.53			
5	64QAM	12	0	18.66	19.00	18.88			
5	64QAM	12	7	18.82	19.00	18.89	20	1	
5	64QAM	12	13	18.99	18.89	18.94			
5	64QAM	25	0	18.96	18.87	18.91			
5	256QAM	1	0	17.02	16.87	17.02	18	3	
5	256QAM	1	12	16.74	16.92	16.71			
5	256QAM	1	24	16.91	16.91	16.81			
5	256QAM	12	0	16.84	16.84	16.79	18	3	
5	256QAM	12	7	16.88	16.90	16.89			
5	256QAM	12	13	16.85	16.92	16.81			
5	256QAM	25	0	17.02	16.95	16.72			





LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.86	20.95	20.91				
20	QPSK	1	49	20.72	20.78	20.85	22.5	0		
20	QPSK	1	99	20.75	20.70	20.65				
20	QPSK	50	0	20.78	20.93	20.86				
20	QPSK	50	24	20.82	20.87	20.85	22.5	0		
20	QPSK	50	50	20.83	20.83	20.78				
20	QPSK	100	0	20.88	20.90	20.76				
20	16QAM	1	0	20.93	20.76	20.78				
20	16QAM	1	49	20.85	20.93	20.86	22.5	0		
20	16QAM	1	99	20.88	20.94	20.70				
20	16QAM	50	0	20.87	20.87	20.85				
20	16QAM	50	24	20.73	20.80	20.78	22	0.5		
20	16QAM	50	50	20.75	20.80	20.75				
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	0.5		
20	64QAM	1	99	20.85	20.87	20.84				
20	64QAM	50	0	19.72	19.83	19.78				
20	64QAM	50	24	19.80	19.88	19.83				
20	64QAM	50	50	19.81	19.85	19.77	21	1.5		
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	3.5		
20	256QAM	1	99	17.82	17.87	17.79				
20	256QAM	50	0	17.77	17.86	17.84				
20	256QAM	50	24	17.78	17.79	17.72	19	3.5		
20	256QAM	50	50	17.78	17.87	17.81				
20	256QAM	100	0	17.84	17.87	17.77				
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.58	20.67	20.74				
15	QPSK	1	37	20.62	20.72	20.72	22.5	0		
15	QPSK	1	74	20.67	20.65	20.52				
15	QPSK	36	0	20.67	20.70	20.78				
15	QPSK	36	20	20.74	20.54	20.79	22.5	0		
15	QPSK	36	39	20.82	20.72	20.79				
15	QPSK	75	0	20.79	20.79	20.68				
15	16QAM	1	0	20.86	20.70	20.67				
15	16QAM	1	37	20.62	20.65	20.64	22.5	0		
15	16QAM	1	74	20.75	20.85	20.82				
15	16QAM	36	0	20.75	20.81	20.73				
15	16QAM	36	20	20.82	20.72	20.79	22	0.5		
15	16QAM	36	39	20.86	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	0.5		
15	64QAM	1	74	20.77	20.81	20.78				
15	64QAM	36	0	19.86	19.87	19.86				
15	64QAM	36	20	19.77	19.84	19.80				
15	64QAM	36	39	19.71	19.80	19.68	21	1.5		
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	17.66	19	3.5		
15	256QAM	1	74	17.75	17.80	17.80				
15	256QAM	36	0	17.75	17.83	17.75				
15	256QAM	36	20	17.72	17.69	17.65	19	3.5		
15	256QAM	36	39	17.69	17.84	17.79				
15	256QAM	75	0	17.62	17.78	17.72				
Channel										
Frequency (MHz)										
10	QPSK	1	0	20.52	20.70	20.70				
10	QPSK	1	25	20.64	20.73	20.73	22.5	0		
10	QPSK	1	49	20.60	20.56	20.55				
10	QPSK	25	0	20.69	20.62	20.75				
10	QPSK	25	12	20.76	20.80	20.76	22.5	0		
10	QPSK	25	25	20.73	20.71	20.67				
10	QPSK	50	0	20.71	20.81	20.86				
10	16QAM	1	0	20.79	20.66	20.68				
10	16QAM	1	25	20.58	20.87	20.53	22.5	0		
10	16QAM	1	49	20.60	20.68	20.64				
10	16QAM	25	0	20.83	20.84	20.74				
10	16QAM	25	12	20.67	20.76	20.76	22	0.5		
10	16QAM	25	25	20.71	20.77	20.68				
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	0.5		
10	64QAM	1	49	20.77	20.82	20.77				
10	64QAM	25	0	19.81	19.80	19.65				
10	64QAM	25	12	19.71	19.82	19.81				
10	64QAM	25	25	19.70	19.80	19.68	21	1.5		
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	3.5		
10	256QAM	1	49	17.73	17.70	17.60				
10	256QAM	25	0	17.71	17.82	17.80				
10	256QAM	25	12	17.73	17.69	17.66	19	3.5		
10	256QAM	25	25	17.69	17.79	17.76				
10	256QAM	50	0	17.75	17.79	17.76				
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.55	20.69	20.75				
5	QPSK	1	12	20.57	20.65	20.73	22.5	0		
5	QPSK	1	24	20.60	20.61	20.57				
5	QPSK	12	0	20.67	20.83	20.80				
5	QPSK	12	7	20.67	20.62	20.71	22.5	0		
5	QPSK	12	13	20.75	20.77	20.64				
5	QPSK	25	0	20.62	20.77	20.62				
5	16QAM	1	0	20.70	20.66	20.71	22.5	0		
5	16QAM	1	12	20.56	20.83	20.55				
5	16QAM	1	24	20.74	20.83	20.58				
5	16QAM	12	0	20.61	20.68	20.77				
5	16QAM	12	7	20.67	20.71	20.70	22	0.5		
5	16QAM	12	13	20.69	20.74	20.74				
5	16QAM	25	0	20.71	20.82	20.83				
5	64QAM	1	0	20.78	20.84	20.83				
5	64QAM	1	12	20.79	20.83	20.72	22	0.5		
5	64QAM	1	24	20.77	20.79	20.83				
5	64QAM	12	0	19.88	19.78	19.89				
5	64QAM	12	7	19.71	19.78	19.73	21	1.5		
5	64QAM	12	13	19.78	19.82	19.80				
5	64QAM	25	0	19.71	19.80	19.79				
5	256QAM	1	0	17.70	17.79	17.82				
5	256QAM	1	12	17.70	17.72	17.72	19	3.5		
5	256QAM	1	24	17.69	17.77	17.69				
5	256QAM	12	0	17.74	17.78	17.77				
5	256QAM	12	7	17.68	17.71	17.66	19	3.5		
5	256QAM	12	13	17.62	17.86	17.74				
5	256QAM	25	0	17.75	17.83	17.74				

LTE Band 41 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low-Mid Ch / Freq	Power Mid-High Ch / Freq	Power High-Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.92	21.03	21.05	20.99	21.02		
20	QPSK	1	49	20.82	20.76	20.52	21.04	20.84	22.5	0
20	QPSK	1	99	20.91	20.98	20.79	20.98	20.97		
20	QPSK	50	0	20.80	20.77	21.03	20.93	20.98		
20	QPSK	50	24	20.86	20.83	20.88	20.96	20.96	22.5	0
20	QPSK	50	50	20.85	20.84	21.02	20.90	21.00		
20	QPSK	100	0	20.89	20.93	21.01	20.96	20.96		
20	16QAM	1	0	21.03	20.85	20.79	21.01	20.98		
20	16QAM	1	49	20.98	20.92	20.77	20.97	20.90	22.5	0
20	16QAM	1	99	21.03	21.04	20.97	20.78	20.88		
20	16QAM	50	0	20.26	20.59	20.26	20.17			



Reduced Power Mode for DS17

LTE Band 7 Ant4 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2910	2935	2960				
20	QPSK	1	0	15.65	15.68	15.61				
20	QPSK	1	49	15.57	15.51	15.58	17	0		
20	QPSK	1	99	15.38	15.65	15.55				
20	QPSK	60	0	15.63	15.66	15.54				
20	QPSK	60	24	15.42	15.60	15.37				
20	QPSK	60	60	15.42	15.51	15.59	17	0		
20	QPSK	100	0	15.49	15.63	15.37				
20	16QAM	1	0	15.66	15.67	15.62				
20	16QAM	1	49	15.60	15.44	15.65	17	0		
20	16QAM	1	99	15.58	15.64	15.61				
20	16QAM	60	0	15.43	15.58	15.57				
20	16QAM	60	24	15.39	15.44	15.46				
20	16QAM	60	60	15.39	15.40	15.55	17	0		
20	16QAM	100	0	15.49	15.49	15.44				
20	64QAM	1	0	15.59	15.42	15.36				
20	64QAM	1	49	15.67	15.56	15.58	17	0		
20	64QAM	1	99	15.45	15.90	15.43				
20	64QAM	60	0	15.43	15.55	15.60				
20	64QAM	60	24	15.39	15.65	15.48				
20	64QAM	60	60	15.46	15.42	15.66	17	0		
20	64QAM	100	0	15.51	15.60	15.41				
20	256QAM	1	0	15.61	15.50	15.46				
20	256QAM	1	49	15.65	15.42	15.53	17	0		
20	256QAM	1	99	15.43	15.59	15.54				
20	256QAM	60	0	15.64	15.57	15.63				
20	256QAM	60	24	15.48	15.40	15.60	17	0		
20	256QAM	60	60	15.52	15.39	15.47				
20	256QAM	100	0	15.56	15.61	15.65				
Channel				20925	21100	21115	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2907.5	2935	2962.5				
15	QPSK	1	0	15.45	15.48	15.49				
15	QPSK	1	37	15.60	15.36	15.47	17	0		
15	QPSK	1	74	15.27	15.66	15.44				
15	QPSK	36	0	15.55	15.53	15.44				
15	QPSK	36	20	15.28	15.50	15.47	17	0		
15	QPSK	36	39	15.35	15.38	15.47				
15	QPSK	75	0	15.40	15.39	15.25				
15	16QAM	1	0	15.56	15.54	15.52				
15	16QAM	1	37	15.45	15.31	15.53	17	0		
15	16QAM	1	74	15.49	15.48	15.52				
15	16QAM	36	0	15.33	15.51	15.45				
15	16QAM	36	20	15.45	15.35	15.35	17	0		
15	16QAM	36	39	15.33	15.52	15.40				
15	16QAM	75	0	15.39	15.36	15.34				
15	64QAM	1	0	15.50	15.34	15.49				
15	64QAM	1	37	15.44	15.43	15.53	17	0		
15	64QAM	1	74	15.39	15.41	15.29				
15	64QAM	36	0	15.28	15.41	15.52				
15	64QAM	36	20	15.29	15.99	15.35	17	0		
15	64QAM	36	39	15.41	15.29	15.52				
15	64QAM	75	0	15.45	15.52	15.27				
15	256QAM	1	0	15.47	15.36	15.37				
15	256QAM	1	37	15.69	15.30	15.40	17	0		
15	256QAM	1	74	15.35	15.53	15.40				
15	256QAM	36	0	15.59	15.46	15.54				
15	256QAM	36	20	15.43	15.28	15.47	17	0		
15	256QAM	36	39	15.43	15.34	15.40				
15	256QAM	75	0	15.47	15.53	15.51				
Channel				20900	21100	21100	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2900	2933	2960				
10	QPSK	1	0	15.44	15.52	15.46				
10	QPSK	1	25	15.47	15.37	15.46	17	0		
10	QPSK	1	49	15.30	15.60	15.48				
10	QPSK	25	0	15.67	15.56	15.43				
10	QPSK	25	12	15.32	15.90	15.52	17	0		
10	QPSK	25	25	15.27	15.38	15.49				
10	QPSK	60	0	15.43	15.48	15.23				
10	16QAM	1	0	15.51	15.54	15.48				
10	16QAM	1	25	15.47	15.38	15.58	17	0		
10	16QAM	1	49	15.44	15.46	15.50				
10	16QAM	25	0	15.29	15.43	15.52				
10	16QAM	25	12	15.47	15.36	15.35	17	0		
10	16QAM	25	25	15.33	15.26	15.40				
10	16QAM	60	0	15.37	15.36	15.33				
10	64QAM	1	0	15.45	15.33	15.43				
10	64QAM	1	25	15.43	15.49	15.46	17	0		
10	64QAM	1	49	15.34	15.42	15.39				
10	64QAM	25	0	15.37	15.42	15.52				
10	64QAM	25	12	15.25	15.57	15.38	17	0		
10	64QAM	25	25	15.33	15.34	15.59				
10	64QAM	60	0	15.44	15.49	15.28				
10	256QAM	1	0	15.53	15.44	15.39				
10	256QAM	1	25	15.51	15.33	15.44	17	0		
10	256QAM	1	49	15.31	15.46	15.41				
10	256QAM	25	0	15.69	15.44	15.52				
10	256QAM	25	12	15.34	15.26	15.53	17	0		
10	256QAM	25	25	15.40	15.25	15.35				
10	256QAM	60	0	15.47	15.55	15.60				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2902.5	2935	2967.5				
5	QPSK	1	0	15.49	15.43	15.46				
5	QPSK	1	12	15.46	15.43	15.44	17	0		
5	QPSK	1	24	15.29	15.53	15.43				
5	QPSK	12	0	15.53	15.58	15.48				
5	QPSK	12	7	15.29	15.50	15.44	17	0		
5	QPSK	12	13	15.36	15.41	15.53				
5	QPSK	25	0	15.41	15.43	15.23				
5	16QAM	1	0	15.58	15.61	15.53				
5	16QAM	1	12	15.53	15.35	15.60	17	0		
5	16QAM	1	24	15.46	15.46	15.53				
5	16QAM	12	0	15.35	15.50	15.48				
5	16QAM	12	7	15.47	15.30	15.32	17	0		
5	16QAM	12	13	15.33	15.31	15.40				
5	16QAM	25	0	15.44	15.42	15.39				
5	64QAM	1	0	15.53	15.30	15.44				
5	64QAM	1	12	15.43	15.49	15.48	17	0		
5	64QAM	1	24	15.38	15.37	15.34				
5	64QAM	12	0	15.30	15.45	15.54				
5	64QAM	12	7	15.31	15.51	15.39	17	0		
5	64QAM	12	13	15.36	15.28	15.58				
5	64QAM	25	0	15.46	15.53	15.33				
5	256QAM	1	0	15.53	15.40	15.36				
5	256QAM	1	12	15.53	15.29	15.48	17	0		
5	256QAM	1	24	15.35	15.45	15.47				
5	256QAM	12	0	15.55	15.45	15.51				
5	256QAM	12	7	15.37	15.26	15.49	17	0		
5	256QAM	12	13	15.44	15.32	15.38				
5	256QAM	25	0	15.45	15.54	15.50				



LTE Band 38 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mids Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				2500	2695	2810				
Frequency (MHz)				2500	2695	2810				
20	QPSK	1	0	19.42	19.42	19.42				
20	QPSK	1	49	19.23	19.39	19.35	21	0		
20	QPSK	1	99	19.20	19.42	19.25				
20	QPSK	50	0	19.20	19.20	19.20				
20	QPSK	50	24	19.33	19.26	19.20	21	0		
20	QPSK	50	50	19.35	19.22	19.24				
20	QPSK	100	0	19.22	19.41	19.26				
20	16QAM	1	0	19.30	19.41	19.43				
20	16QAM	1	49	19.27	19.18	19.20	21	0		
20	16QAM	1	99	19.43	19.76	19.20				
20	16QAM	50	0	19.20	19.32	19.26				
20	16QAM	50	24	19.24	19.26	19.22				
20	16QAM	50	50	19.20	19.24	19.31				
20	16QAM	100	0	19.28	19.28	19.34				
20	64QAM	1	0	19.26	19.35	19.36				
20	64QAM	1	49	19.43	19.76	19.20	21	0		
20	64QAM	1	99	19.31	19.35	19.36				
20	64QAM	50	0	19.38	19.22	19.33				
20	64QAM	50	24	19.27	19.35	19.35	21	0		
20	64QAM	50	50	19.35	19.18	19.17				
20	64QAM	100	0	19.27	19.44	19.27				
20	256QAM	1	0	17.85	17.86	17.84				
20	256QAM	1	49	17.72	17.71	17.74	19	2		
20	256QAM	1	99	17.75	17.80	17.70				
20	256QAM	50	0	17.77	17.83	17.84				
20	256QAM	50	24	17.75	17.79	17.71	19	2		
20	256QAM	50	50	17.78	17.87	17.82				
20	256QAM	100	0	17.84	17.86	17.77				
Channel				2577.5	2695	2812.5				
Frequency (MHz)				2577.5	2695	2812.5				
15	QPSK	1	0	19.12	19.27	19.17				
15	QPSK	1	37	19.12	19.33	19.30	21	0		
15	QPSK	1	74	19.08	19.31	19.10				
15	QPSK	36	0	19.08	19.29	19.37				
15	QPSK	36	39	19.21	19.31	19.36	21	0		
15	QPSK	75	0	19.15	19.32	19.14				
15	16QAM	1	0	19.24	19.29	19.35				
15	16QAM	1	37	19.15	19.24	19.10	21	0		
15	16QAM	1	74	19.25	19.22	19.24				
15	16QAM	36	0	19.21	19.31	19.37				
15	16QAM	36	39	19.15	19.24	19.27	21	0		
15	16QAM	75	0	19.15	19.23	19.21				
15	64QAM	1	0	19.12	19.35	19.27				
15	64QAM	1	37	19.35	19.33	19.20	21	0		
15	64QAM	1	74	19.27	19.31	19.37				
15	64QAM	36	0	19.26	19.10	19.13				
15	64QAM	36	39	19.20	19.24	19.21	21	0		
15	64QAM	75	0	19.15	19.23	19.21				
15	256QAM	1	0	17.78	17.82	17.74				
15	256QAM	1	37	17.73	17.72	17.76	19	2		
15	256QAM	1	74	17.70	17.72	17.74				
15	256QAM	36	0	17.75	17.83	17.76				
15	256QAM	36	39	17.72	17.87	17.85	19	2		
15	256QAM	75	0	17.82	17.78	17.72				
Channel				2760	3000	3020				
Frequency (MHz)				2760	3000	3020				
10	QPSK	1	0	19.17	19.21	19.15				
10	QPSK	1	25	19.16	19.29	19.17	21	0		
10	QPSK	1	49	19.05	19.32	19.12				
10	QPSK	25	0	19.05	19.33	19.40				
10	QPSK	25	12	19.19	19.38	19.15	21	0		
10	QPSK	25	25	19.27	19.34	19.18				
10	QPSK	50	0	19.09	19.31	19.21				
10	16QAM	1	0	19.24	19.31	19.21				
10	16QAM	1	25	19.13	19.12	19.05	21	0		
10	16QAM	1	49	19.19	19.25	19.21				
10	16QAM	25	0	19.17	19.19	19.34				
10	16QAM	25	12	19.21	19.32	19.36	21	0		
10	16QAM	25	25	19.07	19.13	19.21				
10	16QAM	50	0	19.23	19.18	19.21				
10	64QAM	1	0	19.19	19.38	19.30				
10	64QAM	1	25	19.30	19.34	19.21	21	0		
10	64QAM	1	49	19.19	19.31	19.11				
10	64QAM	25	0	19.31	19.31	19.25				
10	64QAM	25	12	19.22	19.23	19.26	21	0		
10	64QAM	25	25	19.26	19.10	19.07				
10	64QAM	50	0	19.20	19.37	19.16				
10	256QAM	1	0	17.75	17.80	17.75				
10	256QAM	1	25	17.72	17.71	17.87	19	2		
10	256QAM	1	49	17.73	17.76	17.80				
10	256QAM	25	0	17.71	17.83	17.80				
10	256QAM	25	12	17.73	17.69	17.76	19	2		
10	256QAM	25	25	17.69	17.79	17.85				
10	256QAM	50	0	17.75	17.79	17.88				
Channel				3775	3800	3825				
Frequency (MHz)				3775	3800	3825				
5	QPSK	1	0	19.14	19.27	19.20				
5	QPSK	1	12	19.14	19.33	19.32	21	0		
5	QPSK	1	24	19.14	19.35	19.18				
5	QPSK	12	0	19.15	19.30	19.36				
5	QPSK	12	7	19.27	19.37	19.07	21	0		
5	QPSK	12	13	19.27	19.14	19.10				
5	16QAM	1	0	19.15	19.30	19.35				
5	16QAM	1	12	19.21	19.04	19.11	21	0		
5	16QAM	1	24	19.25	19.26	19.25				
5	16QAM	12	0	19.15	19.25	19.38				
5	16QAM	12	7	19.15	19.38	19.16	21	0		
5	16QAM	12	13	19.11	19.16	19.24				
5	16QAM	25	0	19.23	19.20	19.26				
5	64QAM	1	0	19.33	19.37	19.22				
5	64QAM	1	12	19.35	19.28	19.22	21	0		
5	64QAM	1	24	19.18	19.33	19.12				
5	64QAM	12	0	19.31	19.15	19.15				
5	64QAM	12	7	19.21	19.28	19.22	21	0		
5	64QAM	12	13	19.22	19.09	19.08				
5	64QAM	25	0	19.19	19.29	19.12				
5	256QAM	1	0	17.79	17.79	17.82				
5	256QAM	1	12	17.70	17.72	17.72	19	2		
5	256QAM	1	24	17.69	17.77	17.69				
5	256QAM	12	0	17.75	17.76	17.71				
5	256QAM	12	7	17.66	17.71	17.66	19	2		
5	256QAM	12	13	17.68	17.68	17.78				
5	256QAM	25	0	17.75	17.83	17.74				

LTE Band 41 Ant1 Other_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mids Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				2606	2649.5	2693				
Frequency (MHz)				2606	2649.5	2693				
20	QPSK	1	0	19.53	19.49	19.55				
20	QPSK	1	49	19.34	19.51	19.43	21	0		
20	QPSK	1	99	19.51	19.51	19.47				
20	QPSK	50	0	19.55	19.50	19.46				
20	QPSK	50	24	19.25	19.20	19.46	19.41	19.33		
20	QPSK	50	50	19.53	19.41	19.30	19.35	19.33	21	0
20	QPSK	100	0	19.47	19.32	19.51	19.41	19.33		
20	16QAM	1	0	19.33	19.56	19.55	19.34	19.35		
20	16QAM	1	49	19.57	19.50	19.41	19.52	19.45	21	0
20	16QAM	1	99	19.46	19.54	19.48	19.48	19.29		
20	16QAM	50	0	19.34	19.40	19.47	19.52	19.53		
20	16QAM	50	24	19.55	19.32	19.35	19.51	19.43	21	0
20	16QAM	50	50	19.36	19.39	19.45	19.55	19.29		
20	16QAM	100	0	19.39	19.31	19.35	19.30	19.45		
20	64QAM	1	0	19.32	19.41	19.35	19.44	19.40		
20	64QAM	1	49	19.41	19.36	19.48	19.43	19.36	21	0
20	64QAM	1	99	19.33	19.36	19.37	19.37	19.41		
20	64QAM	50	0	19.50	19.43	19.46	19.35	19.44		
20	64QAM	50	24	19.39	19.48	19.32	19.41	19.37	21	0
20	64QAM	50	50	19.32	19.40	19.33	19.39	19.35		
20	64QAM	100	0	19.46	19.54	19.40	19.47	19.56		
20	256QAM	1	0	17.76	17.80	17.83	17.70	17.79		
20	256QAM	1	49	17.71	17.71	17.78	17.74	17.74	19	2
20	256QAM	1	99	17.66	17.60	17.74	17.65	17.62		
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	2
20	256QAM	50	50	17.66	17.66	17.72	17.64	17.64		
20	256QAM	100	0	17.67	17.66	17.74	17.70	17.68		
Channel				2602.5	2643.5	2683.5				
Frequency (MHz)				2602.5	2643.5	2683.5				
15	QPSK	1	0	19.32	19.20	19.44	19.			

### Full & Default Power\_Main PA

n5 Ant0 Main_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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.09	23.14	23.06	24.0	0.0
20	QPSK	50	28	23.02	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0

n26 Ant0 Main_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				164800	165300	165800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.33	23.36	23.21	24.0	0.0
20	QPSK	50	28	23.27	23.30	23.23	24.0	0.0
20	QPSK	100	0	22.13	22.36	22.23	23.0	1.0



### n7 Ant1 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)	MFR (dB)
				506000	507500	509000		
				255	255	245		
50	QPSK	1	1	23.26	23.29	23.17	24.0	0.0
50	QPSK	135	68	23.15	23.22	23.21	24.0	0.0
50	QPSK	270	0	22.08	22.27	22.22	23.0	1.0



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	22.69	22.89	22.76			
40	PI/2 BPSK	1	53	22.75	22.95	22.48	24.0	0.0	
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	20	22.61	22.96	22.58	24.0	0.0	
40	PI/2 BPSK	50	56	22.29	22.54	22.16	23.5	0.5	
40	PI/2 BPSK	100	0	22.43	22.53	22.33			
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	23.0	1.0	
40	QPSK	100	0	21.85	22.12	21.77			
40	16QAM	1	1	21.58	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	518000	520000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	53	22.63	22.93	22.76	24.0	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	53	22.75	22.90	22.59	24.0	0.0	
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	53	22.78	22.91	22.80	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	53	22.79	23.02	22.78	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	53	22.79	22.96	22.70	24.0	0.0	

n41 PC3 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				505002	516598	526000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.62	23.29	22.55			
100	PI/2 BPSK	1	137	22.78	23.24	22.27	24.0	0.0	
100	PI/2 BPSK	1	271	22.57	23.19	22.41			
100	PI/2 BPSK	135	0	22.14	22.88	22.06	23.5	0.5	
100	PI/2 BPSK	135	69	22.74	23.19	22.31	24.0	0.0	
100	PI/2 BPSK	135	138	22.21	22.83	22.13	23.5	0.5	
100	PI/2 BPSK	270	0	22.12	22.87	21.93			
100	QPSK	1	1	22.95	22.55	22.61			
100	QPSK	1	137	22.62	23.31	22.50	24.0	0.0	
100	QPSK	1	271	22.78	23.27	22.42			
100	QPSK	135	0	21.74	22.28	21.63	23.0	1.0	
100	QPSK	135	69	22.94	23.16	22.44	24.0	0.0	
100	QPSK	135	138	21.58	22.37	21.81	23.0	1.0	
100	QPSK	270	0	21.70	22.40	21.65			
100	16QAM	1	1	21.70	22.26	21.37	23.0	1.0	
100	64QAM	1	1	20.06	20.70	20.04	21.5	2.5	
100	256QAM	1	1	18.10	18.91	18.03	19.5	4.5	
Channel				503000	518598	528000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2592.99	2642.98			
90	QPSK	1	137	22.46	23.15	22.41	24.0	0.0	
Channel				507004	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.98			
80	QPSK	1	137	22.53	23.13	22.39	24.0	0.0	
Channel				505002	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	137	22.50	23.21	22.34	24.0	0.0	
Channel				505000	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	137	22.61	23.17	22.32	24.0	0.0	
Channel				503004	518598	533998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	137	22.50	23.17	22.40	24.0	0.0	
Channel				503002	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	137	22.44	23.14	22.42	24.0	0.0	
Channel				502000	518598	533998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	137	22.53	23.26	22.31	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2508.02	2592.99	2679.99			
20	QPSK	1	137	22.47	23.15	22.41	24.0	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	137	22.59	23.27	22.43	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	137	22.49	23.17	22.45	24.0	0.0	



PC3 Part270 n77 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	MPR (dB)	
				3750	3840	3930				
100	Pi2 BPSK	1	1	22.62	22.59	22.52				
100	Pi2 BPSK	1	137	22.32	22.50	22.26	24.0	0.0		
100	Pi2 BPSK	1	271	22.50	22.58	22.29				
100	Pi2 BPSK	135	0	22.02	22.33	22.00	23.5	0.5		
100	Pi2 BPSK	135	69	22.51	22.76	22.45			24.0	0.0
100	Pi2 BPSK	135	138	22.03	22.50	22.20			23.5	0.5
100	Pi2 BPSK	270	0	22.20	22.27	22.20				
100	QPSK	1	1	22.51	22.82	22.36			24.0	0.0
100	QPSK	1	137	22.60	22.98	22.62				
100	QPSK	1	271	22.38	22.38	22.06				
100	QPSK	135	0	21.49	21.74	21.30	23.0	1.0		
100	QPSK	135	69	22.20	22.41	22.14	24.0	0.0		
100	QPSK	135	138	21.48	21.84	21.05	23.0	1.0		
100	QPSK	270	0	21.58	21.06	21.50				
100	16QAM	1	1	21.62	21.74	21.41	23.0	1.0		
100	64QAM	1	1	19.83	20.29	19.84	21.5	2.5		
100	256QAM	1	1	17.87	17.88	17.58	19.5	4.5		
				3750.02	3840	3930.01				
				3750.02	3840	3930.01				
90	QPSK	1	137	22.50	22.89	22.54	24.0	0.0		
				649334	650000	650666				
				649334	650000	650666				
80	QPSK	1	137	22.50	22.89	22.54	24.0	0.0		
				648698	650000	651334				
				648698	650000	651334				
60	QPSK	1	137	22.50	22.89	22.53	24.0	0.0		
				648334	650000	650666				
				648334	650000	650666				
50	QPSK	1	137	22.50	22.90	22.53	24.0	0.0		
				3750	3840	3960				
				3750	3840	3960				
40	QPSK	1	137	22.52	22.88	22.53	24.0	0.0		
				647698	650000	654334				
				647698	650000	654334				
30	QPSK	1	137	22.50	22.89	22.54	24.0	0.0		
				647000	650000	654000				
				647000	650000	654000				
25	QPSK	1	137	22.50	22.89	22.54	24.0	0.0		
				647000	650000	654000				
				647000	650000	654000				
20	QPSK	1	137	22.51	22.90	22.54	24.0	0.0		
				647168	650000	654334				
				647168	650000	654334				
15	QPSK	1	137	22.52	22.88	22.53	24.0	0.0		
				647000	650000	655000				
				647000	650000	655000				
10	QPSK	1	137	22.51	22.89	22.53	24.0	0.0		

PC2 Part270 n77 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	MPR (dB)	
				3750	3840	3930				
100	Pi2 BPSK	1	1	25.53	25.59	25.58				
100	Pi2 BPSK	1	137	25.34	25.31	25.32	27.0	0.0		
100	Pi2 BPSK	1	271	25.48	25.42	25.24				
100	Pi2 BPSK	135	0	24.94	25.05	25.08	26.5	0.5		
100	Pi2 BPSK	135	69	25.48	25.51	25.41			27.0	0.0
100	Pi2 BPSK	135	138	24.98	25.36	25.29			26.5	0.5
100	Pi2 BPSK	270	0	25.16	25.38	25.13				
100	QPSK	1	1	25.59	25.60	25.41			27.0	0.0
100	QPSK	1	137	25.54	25.80	25.61				
100	QPSK	1	271	25.37	25.20	25.10				
100	QPSK	135	0	24.48	24.53	24.29	26.0	1.0		
100	QPSK	135	69	25.11	25.25	25.15	27.0	0.0		
100	QPSK	135	138	24.41	24.79	24.62			26.0	1.0
100	QPSK	270	0	24.51	24.71	24.51				
100	16QAM	1	1	24.82	24.48	24.50	26.0	1.0		
100	64QAM	1	1	22.89	23.03	22.76	24.5	2.5		
100	256QAM	1	1	20.64	20.84	20.63	22.5	4.5		
				3750.02	3840	3930.01				
				3750.02	3840	3930.01				
90	QPSK	1	137	25.45	25.70	25.53	0.0	0.0		
				649334	650000	650666				
				649334	650000	650666				
80	QPSK	1	137	25.45	25.72	25.53	0.0	0.0		
				648698	650000	651334				
				648698	650000	651334				
60	QPSK	1	137	25.43	25.71	25.52	0.0	0.0		
				648334	650000	650666				
				648334	650000	650666				
50	QPSK	1	137	25.46	25.72	25.53	0.0	0.0		
				3750	3840	3960				
				3750	3840	3960				
40	QPSK	1	137	25.45	25.70	25.51	0.0	0.0		
				647698	650000	654334				
				647698	650000	654334				
30	QPSK	1	137	25.44	25.72	25.52	0.0	0.0		
				647000	650000	654000				
				647000	650000	654000				
25	QPSK	1	137	25.40	25.70	25.51	0.0	0.0		
				647000	650000	654000				
				647000	650000	654000				
20	QPSK	1	137	25.45	25.72	25.51	0.0	0.0		
				647168	650000	654334				
				647168	650000	654334				
15	QPSK	1	137	25.45	25.72	25.51	0.0	0.0		
				647000	650000	655000				
				647000	650000	655000				
10	QPSK	1	137	25.40	25.71	25.52	0.0	0.0		

PC3 Part270 n78 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	MPR (dB)	
				3750	3840	3930				
100	Pi2 BPSK	1	1	22.78	22.78	22.78				
100	Pi2 BPSK	1	137	22.48	22.48	22.48	24.0	0.0		
100	Pi2 BPSK	1	271	22.50	22.50	22.50				
100	Pi2 BPSK	135	0	22.20	22.20	22.50	23.5	0.5		
100	Pi2 BPSK	135	69	22.58	22.58	22.58			24.0	0.0
100	Pi2 BPSK	135	138	22.44	22.44	22.44			23.5	0.5
100	Pi2 BPSK	270	0	22.35	22.35	22.35				
100	QPSK	1	1	22.74	22.74	22.74			24.0	0.0
100	QPSK	1	137	22.48	22.48	22.48				
100	QPSK	1	271	22.37	22.37	22.37				
100	QPSK	135	0	21.67	21.67	21.67	23.0	1.0		
100	QPSK	135	69	22.44	22.44	22.44	24.0	0.0		
100	QPSK	135	138	21.79	21.79	21.79	23.0	1.0		
100	QPSK	270	0	21.87	21.87	21.87				
100	16QAM	1	1	21.54	21.54	21.54	23.0	1.0		
100	64QAM	1	1	20.20	20.20	20.20	21.5	2.5		
100	256QAM	1	1	17.86	17.86	17.86	19.5	4.5		
				549698	650000	650334				
				549698	650000	650334				
90	QPSK	1	137	22.76	22.88	22.74	24.0	0.0		
				649334	650000	650666				
				649334	650000	650666				
80	QPSK	1	137	22.76	22.89	22.74	24.0	0.0		
				648698	650000	651000				
				648698	650000	651000				
70	QPSK	1	137	22.63	22.92	22.89	24.0	0.0		
				648334	650000	651334				
				648334	650000	651334				
60	QPSK	1	137	22.77	22.88	22.74	24.0	0.0		



PC2/3 Part270 n77 Ant1 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			65000	65000	65000			
	Frequency (MHz)			3750	3840	3930			
100	PI/2 BPSK	1	1	23.20	23.33	23.19			
100	PI/2 BPSK	1	137	22.97	23.10	22.90	24.0	0.0	
100	PI/2 BPSK	1	271	23.18	23.21	23.00			
100	PI/2 BPSK	135	0	22.83	22.81	22.87	23.5	0.5	
100	PI/2 BPSK	135	89	22.24	22.46	22.23	24.0	0.0	
100	PI/2 BPSK	135	138	22.77	22.93	22.87			
100	PI/2 BPSK	270	0	22.97	23.01	22.92	23.5	0.5	
100	QPSK	1	1	23.11	23.24	23.11			
100	QPSK	1	137	23.27	23.40	23.30	24.0	0.0	
100	QPSK	1	271	23.10	23.06	22.86			
100	QPSK	135	0	22.19	22.31	22.09	23.0	1.0	
100	QPSK	135	89	22.94	23.05	22.90	24.0	0.0	
100	QPSK	135	138	22.16	22.39	22.20			
100	QPSK	270	0	22.28	22.44	22.30	23.0	1.0	
100	16QAM	1	1	22.28	22.23	23.0	1.0		
100	64QAM	1	1	20.61	20.77	20.46	21.5	2.5	
100	256QAM	1	1	17.53	17.76	17.70	19.5	4.5	
	Channel			648668	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	137	23.15	23.17	23.07	24.0	0.0	
	Channel			649334	650000	652668	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	23.17	23.17	23.05	24.0	0.0	
	Channel			648668	650000	653334	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)	
80	QPSK	1	137	23.16	23.18	23.06	24.0	0.0	
	Channel			648334	650000	653668	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	23.16	23.17	23.06	24.0	0.0	
	Channel			648300	650000	654000	Tune-up limit	MPR	
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	23.16	23.18	23.05	24.0	0.0	
	Channel			647668	650000	654334	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	23.16	23.17	23.06	24.0	0.0	
	Channel			647500	650000	654500	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	137	23.17	23.18	23.06	24.0	0.0	
	Channel			647334	650000	654668	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	137	23.16	23.19	23.07	24.0	0.0	
	Channel			647168	650000	654834	Tune-up limit	MPR	
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	137	23.15	23.18	23.05	24.0	0.0	
	Channel			647000	650000	655000	Tune-up limit	MPR	
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	23.11	23.15	23.12	24.0	0.0	

PC2/3 Part270 n78 Ant1 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					65000			
	Frequency (MHz)					3750			
100	PI/2 BPSK	1	1			23.13			
100	PI/2 BPSK	1	137			23.02	24.0	0.0	
100	PI/2 BPSK	1	271			22.95			
100	PI/2 BPSK	135	0			22.54	23.5	0.5	
100	PI/2 BPSK	135	89			22.16	24.0	0.0	
100	PI/2 BPSK	135	138			22.88			
100	PI/2 BPSK	270	0			22.84	23.5	0.5	
100	QPSK	1	1			23.00			
100	QPSK	1	137			23.24	24.0	0.0	
100	QPSK	1	271			22.86			
100	QPSK	135	0			22.16	23.0	1.0	
100	QPSK	135	89			22.88	24.0	0.0	
100	QPSK	135	138			22.19	23.0	1.0	
100	QPSK	270	0			22.23	21.5	2.5	
100	16QAM	1	1			22.06	23.0	1.0	
100	64QAM	1	1			20.45	21.5	2.5	
100	256QAM	1	1			17.67	19.5	4.5	
	Channel			648668	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3750	3765.01	(dBm)	(dB)	
90	QPSK	1	137	23.02	23.15	23.13	24.0	0.0	
	Channel			649334	650000	652668	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	23.02	23.14	23.13	24.0	0.0	
	Channel			649000	650000	651000	Tune-up limit	MPR	
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	23.13	23.16	23.05	24.0	0.0	
	Channel			648668	650000	651334	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	23.02	23.15	23.11	24.0	0.0	
	Channel			648334	650000	651668	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	23.03	23.16	23.13	24.0	0.0	
	Channel			648000	650000	652000	Tune-up limit	MPR	
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	23.03	23.14	23.13	24.0	0.0	
	Channel			647993	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	23.02	23.16	23.13	24.0	0.0	
	Channel			647500	650000	652500	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	23.03	23.15	23.11	24.0	0.0	
	Channel			647334	650000	652668	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	137	23.03	23.15	23.11	24.0	0.0	
	Channel			647168	650000	652834	Tune-up limit	MPR	
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	23.01	23.11	23.05	24.0	0.0	
	Channel			647000	650000	653000	Tune-up limit	MPR	
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	23.01	23.04	23.08	24.0	0.0	





PC2/3 Part270 n77 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				65000	65000	66000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.96	23.01	22.93			
100	PI/2 BPSK	1	137	22.68	22.76	22.62	24.0	0.0	
100	PI/2 BPSK	1	271	22.83	22.82	22.81			
100	PI/2 BPSK	135	0	22.38	22.57	22.41	23.5	0.5	
100	PI/2 BPSK	135	69	22.15	22.05	22.05	24.0	0.0	
100	PI/2 BPSK	135	138	22.41	22.71	22.52			
100	PI/2 BPSK	270	0	22.61	22.77	22.56	23.5	0.5	
100	QPSK	1	1	22.89	23.00	22.82			
100	QPSK	1	137	22.99	23.16	23.04	24.0	0.0	
100	QPSK	1	271	22.77	22.68	22.49			
100	QPSK	135	0	21.84	22.08	21.72	23.0	1.0	
100	QPSK	135	69	22.95	22.70	22.51	24.0	0.0	
100	QPSK	135	138	21.82	22.15	21.97			
100	QPSK	270	0	21.94	22.08	21.92	23.0	1.0	
100	16QAM	1	1	22.05	21.94	21.90	23.0	1.0	
100	64QAM	1	1	20.28	20.42	20.25	21.5	2.5	
100	256QAM	1	1	17.63	17.61	17.53	19.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	22.90	22.97	22.96	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	22.90	22.96	22.96	24.0	0.0	
Channel				649363	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3750.02	3840	3950.01			
60	QPSK	1	137	22.90	22.98	22.95	24.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	22.89	22.98	22.96	24.0	0.0	
Channel				648300	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	22.91	22.96	22.94	24.0	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	22.90	22.97	22.96	24.0	0.0	
Channel				647500	650000	653500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	137	22.89	22.98	22.95	24.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	22.90	22.96	22.94	24.0	0.0	
Channel				647168	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	22.89	22.96	22.94	24.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	22.91	22.98	22.96	24.0	0.0	

PC2/3 Part270 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				65000	65000	66000			
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	22.92					
100	PI/2 BPSK	1	137	22.60			24.0	0.0	
100	PI/2 BPSK	1	271	22.76					
100	PI/2 BPSK	135	0	22.50			23.5	0.5	
100	PI/2 BPSK	135	69	22.15			24.0	0.0	
100	PI/2 BPSK	135	138	22.61			23.5	0.5	
100	PI/2 BPSK	270	0	22.72					
100	QPSK	1	1	22.95					
100	QPSK	1	137	23.01			24.0	0.0	
100	QPSK	1	271	22.65					
100	QPSK	135	0	21.90			23.0	1.0	
100	QPSK	135	69	22.58			24.0	0.0	
100	QPSK	135	138	22.01			23.0	1.0	
100	QPSK	270	0	22.03					
100	16QAM	1	1	21.91			23.0	1.0	
100	64QAM	1	1	20.40			21.5	2.5	
100	256QAM	1	1	17.53			19.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	137	22.90	22.92	22.81	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	22.90	22.92	22.79	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	22.05	22.99	22.03	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	22.90	22.91	22.79	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	22.89	22.92	22.81	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760			
40	QPSK	1	137	22.90	22.93	22.79	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	22.89	22.93	22.81	24.0	0.0	
Channel				647500	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	22.89	22.92	22.81	24.0	0.0	
Channel				647334	650000	652999	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3792.51			
20	QPSK	1	137	22.90	22.93	22.79	24.0	0.0	
Channel				647168	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	22.88	22.93	22.79	24.0	0.0	
Channel				647000	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	22.78	22.91	22.85	24.0	0.0	



PC2/3 Part270 n77 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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	20.78	21.05	20.71			
100	Pi/2 BPSK	1	137	20.45	20.67	20.41	22.0	0.0	
100	Pi/2 BPSK	1	271	20.73	20.77	20.57			
100	Pi/2 BPSK	135	0	20.19	20.81	20.27	21.5	0.5	
100	Pi/2 BPSK	135	69	20.71	20.94	20.58	22.0	0.0	
100	Pi/2 BPSK	135	138	20.30	20.65	20.47	21.5	0.5	
100	Pi/2 BPSK	270	0	20.39	20.80	20.37			
100	QPSK	1	1	20.77	21.11	20.57			
100	QPSK	1	137	20.75	21.23	20.89	22.0	0.0	
100	QPSK	1	271	20.64	20.64	20.21			
100	QPSK	135	0	19.85	19.94	19.55	21.0	1.0	
100	QPSK	135	69	20.46	20.69	20.31	22.0	0.0	
100	QPSK	135	138	19.72	19.96	19.86	21.0	1.0	
100	QPSK	270	0	19.80	20.04	19.65			
100	16QAM	1	1	19.86	19.96	19.68	21.0	1.0	
100	64QAM	1	1	18.04	18.58	18.13	19.5	2.5	
100	256QAM	1	1	15.85	16.07	15.69	17.5	4.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735.02	3840	3950.01			
60	QPSK	1	137	20.65	21.13	20.81	22.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	20.67	21.15	20.79	22.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	20.65	21.15	20.81	22.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	20.65	21.15	20.80	22.0	0.0	

PC2/3 Part270 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							650000		
Frequency (MHz)							3750		
100	Pi/2 BPSK	1	1			20.97			
100	Pi/2 BPSK	1	137			20.55	22.0	0.0	
100	Pi/2 BPSK	1	271			20.80			
100	Pi/2 BPSK	135	0			20.39	21.5	0.5	
100	Pi/2 BPSK	135	69			20.82	22.0	0.0	
100	Pi/2 BPSK	135	138			20.54	21.5	0.5	
100	Pi/2 BPSK	270	0			20.74			
100	QPSK	1	1			20.91			
100	QPSK	1	137			21.16	22.0	0.0	
100	QPSK	1	271			20.51			
100	QPSK	135	0			19.75	21.0	1.0	
100	QPSK	135	69			20.48	22.0	0.0	
100	QPSK	135	138			19.99	21.0	1.0	
100	QPSK	270	0			19.97			
100	16QAM	1	1			19.83	21.0	1.0	
100	64QAM	1	1			18.36	19.5	2.5	
100	256QAM	1	1			15.97	17.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	21.05	21.08	21.02	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	21.13	21.09	21.04	22.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720.02	3750	3770.01			
60	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	21.07	21.08	21.01	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	21.08	21.08	21.01	22.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	21.06	21.08	21.03	22.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	21.06	21.06	21.01	22.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	21.05	21.03	21.04	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	21.03	21.05	21.02	22.0	0.0	



### Reduced Power Mode for DSI2\_Main PA

n5 Ant0 Main_PA DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Mid/Pr Ch. / Freq.	High Ch. / Freq.		
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.09	23.14	23.06	24.0	0.0
20	QPSK	50	28	23.02	23.15	23.06	24.0	0.0
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0

n26 Ant0 Main_PA DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Mid/Pr Ch. / Freq.	High Ch. / Freq.		
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.33	23.36	23.21	24.0	0.0
20	QPSK	50	28	23.27	23.30	23.23	24.0	0.0
20	QPSK	100	0	22.13	22.36	22.23	23.0	1.0



### 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)	MFR (dB)
	Channel			506000	507500	509000		
	Frequency (MHz)			255	255	255		
50	QPSK	1	1	23.26	23.29	23.17	24.0	0.0
50	QPSK	135	68	23.15	23.22	23.21	24.0	0.0
50	QPSK	270	0	22.08	22.27	22.22	23.0	1.0



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				518394	519050	519696		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.12	15.07	15.18		
40	PI/2 BPSK	1	53	15.25	15.15	15.16	16.0	0.0
40	PI/2 BPSK	1	104	15.10	15.27	15.29		
40	PI/2 BPSK	50	0	15.09	15.09	15.12	16.0	0.0
40	PI/2 BPSK	50	28	15.13	15.27	15.16	16.0	0.0
40	PI/2 BPSK	50	56	15.05	15.08	15.06		
40	PI/2 BPSK	100	0	15.16	15.15	15.19	16.0	0.0
40	QPSK	1	1	15.11	15.16	15.26		
40	QPSK	1	53	15.29	15.33	15.27	16.0	0.0
40	QPSK	1	104	15.26	15.28	15.18		
40	QPSK	50	0	15.18	15.21	15.20	16.0	0.0
40	QPSK	50	28	15.24	15.30	15.25	16.0	0.0
40	QPSK	50	56	15.25	15.05	15.06		
40	QPSK	100	0	15.21	15.28	15.22	16.0	0.0
40	16QAM	1	1	15.18	15.10	15.28	16.0	0.0
40	64QAM	1	1	15.31	15.30	15.05	16.0	0.0
40	256QAM	1	1	15.28	15.22	15.13	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	53	15.10	15.07	15.04	16.0	0.0
Channel				516504	519000	521498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2592.52	2595	2607.48		
25	QPSK	1	53	15.10	15.13	15.08	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	15.03	15.08	15.07	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	53	15.04	15.09	15.04	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	53	15.12	15.13	15.06	16.0	0.0

n41 PC3 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				502002	518598	530000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.85	14.94	14.87		
100	PI/2 BPSK	1	137	14.89	14.71	14.87	16.0	0.0
100	PI/2 BPSK	1	271	14.75	14.88	14.90		
100	PI/2 BPSK	135	0	14.71	14.74	14.91	16.0	0.0
100	PI/2 BPSK	135	89	14.70	14.87	14.91	16.0	0.0
100	PI/2 BPSK	135	138	14.81	14.86	14.72		
100	PI/2 BPSK	270	0	14.78	14.73	14.75	16.0	0.0
100	QPSK	1	1	14.89	14.88	14.75		
100	QPSK	1	137	14.95	14.96	14.84	16.0	0.0
100	QPSK	1	271	14.93	14.74	14.82		
100	QPSK	135	0	14.74	14.75	14.85	16.0	0.0
100	QPSK	135	89	14.72	14.93	14.74	16.0	0.0
100	QPSK	135	138	14.91	14.86	14.82		
100	QPSK	270	0	14.88	14.91	14.75	16.0	0.0
100	16QAM	1	1	14.81	14.77	14.86	16.0	0.0
100	64QAM	1	1	14.85	14.70	14.86	16.0	0.0
100	256QAM	1	1	14.73	14.89	14.76	16.0	0.0
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	137	14.89	14.85	14.74	16.0	0.0
Channel				507204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2640.99		
80	QPSK	1	137	14.84	14.84	14.74	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2635		
70	QPSK	1	137	14.82	14.90	14.75	16.0	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2639.98		
60	QPSK	1	137	14.85	14.87	14.78	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2634.99		
50	QPSK	1	137	14.82	14.90	14.72	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2630		
40	QPSK	1	137	14.85	14.85	14.69	16.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2634.98		
30	QPSK	1	137	14.88	14.88	14.74	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2630.99		
20	QPSK	1	137	14.85	14.84	14.74	16.0	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2628.48		
15	QPSK	1	137	14.83	14.82	14.74	16.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2626		
10	QPSK	1	137	14.84	14.82	14.77	16.0	0.0



PC2/3 Part270 n77 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				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.18	19.33	19.30			
100	PI/2 BPSK	1	137	19.18	19.19	19.27	20.5	0.0	
100	PI/2 BPSK	1	271	19.35	19.31	19.33			
100	PI/2 BPSK	135	0	19.23	19.22	19.32	20.5	0.0	
100	PI/2 BPSK	135	69	19.37	19.15	19.35	20.5	0.0	
100	PI/2 BPSK	135	138	19.14	19.26	19.26	20.5	0.0	
100	PI/2 BPSK	270	0	19.30	19.35	19.26			
100	QPSK	1	1	19.32	19.33	19.33			
100	QPSK	1	137	19.33	19.38	19.31	20.5	0.0	
100	QPSK	1	271	19.29	19.14	19.25			
100	QPSK	135	0	19.33	19.29	19.31	20.5	0.0	
100	QPSK	135	69	19.35	19.35	19.24	20.5	0.0	
100	QPSK	135	138	19.23	19.35	19.28			
100	QPSK	270	0	19.24	19.33	19.21	20.5	0.0	
100	16QAM	1	1	19.28	19.37	19.21	20.6	0.0	
100	64QAM	1	1	19.25	19.18	19.37	20.5	0.0	
100	256QAM	1	1	19.20	19.36	19.16	20.5	0.0	
Channel				64868	65000	65234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	19.21	19.24	19.23	0.0	0.0	
Channel				64834	65000	65268	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3930.02			
80	QPSK	1	137	19.27	19.24	19.23	0.0	0.0	
Channel				64868	65000	65334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3930.01			
60	QPSK	1	137	19.21	19.30	19.21	0.0	0.0	
Channel				64834	65000	65368	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3935.02			
50	QPSK	1	137	19.24	19.25	19.25	0.0	0.0	
Channel				64800	65000	65400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3930			
40	QPSK	1	137	19.19	19.30	19.17	0.0	0.0	
Channel				64768	65000	65434	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3935.01			
30	QPSK	1	137	19.20	19.30	19.21	0.0	0.0	
Channel				64750	65000	65450	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3937.5			
25	QPSK	1	137	19.25	19.32	19.20	0.0	0.0	
Channel				64734	65000	65468	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3937.02			
20	QPSK	1	137	19.25	19.27	19.22	0.0	0.0	
Channel				64718	65000	65434	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3937.51			
15	QPSK	1	137	19.21	19.23	19.20	0.0	0.0	
Channel				64700	65000	65500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3937.5			
10	QPSK	1	137	19.20	19.28	19.24	0.0	0.0	

PC2/3 Part270 n78 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				65000	65000	65000			
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.14					
100	PI/2 BPSK	1	137	19.10			20.5	0.0	
100	PI/2 BPSK	1	271	19.12					
100	PI/2 BPSK	135	0	19.19			20.5	0.0	
100	PI/2 BPSK	135	69	19.08			20.5	0.0	
100	PI/2 BPSK	135	138	19.07			20.5	0.0	
100	PI/2 BPSK	270	0	19.21					
100	QPSK	1	1	19.01					
100	QPSK	1	137	19.24			20.5	0.0	
100	QPSK	1	271	19.06					
100	QPSK	135	0	19.19			20.5	0.0	
100	QPSK	135	69	19.21			20.5	0.0	
100	QPSK	135	138	19.13			20.5	0.0	
100	QPSK	270	0	19.15			20.5	0.0	
100	16QAM	1	1	19.16			20.5	0.0	
100	64QAM	1	1	19.23			20.5	0.0	
100	256QAM	1	1	19.22			20.5	0.0	
Channel				64968	65000	65034	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	137	19.09	19.18	19.05	20.5	0.0	
Channel				64834	65000	65068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3750.02			
80	QPSK	1	137	19.07	19.15	19.14	20.5	0.0	
Channel				64900	65000	65100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	19.18	19.11	19.05	20.5	0.0	
Channel				64868	65000	65134	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	19.14	19.13	19.13	20.5	0.0	
Channel				64834	65000	65168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	19.08	19.16	19.12	20.5	0.0	
Channel				64800	65000	65200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	19.07	19.12	19.11	20.5	0.0	
Channel				64768	65000	65234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	19.10	19.11	19.10	20.5	0.0	
Channel				64750	65000	65250	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	19.07	19.18	19.10	20.5	0.0	
Channel				64734	65000	65268	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	19.08	19.12	19.11	20.5	0.0	
Channel				64718	65000	65304	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	19.10	19.11	19.13	20.5	0.0	
Channel				64700	65000	65300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	19.14	19.16	19.13	20.5	0.0	



PC2/3 Part270 n77 Ant1 Main_PA								
BW (MHz)	Modulation	RB Size	RB Onset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650090	650090	650090		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	23.20	23.33	23.19		
100	Pi/2 BPSK	1	137	22.97	23.10	22.90	24.0	0.0
100	Pi/2 BPSK	1	271	23.18	23.21	23.00		
100	Pi/2 BPSK	135	0	22.63	22.81	22.67	23.5	0.5
100	Pi/2 BPSK	135	69	22.24	22.40	22.23	24.0	0.0
100	Pi/2 BPSK	135	138	22.77	22.93	22.97	23.5	0.5
100	Pi/2 BPSK	270	0	22.97	23.01	22.92		
100	QPSK	1	1	23.11	23.24	23.11		
100	QPSK	1	137	23.27	23.40	23.30	24.0	0.0
100	QPSK	1	271	23.10	23.06	22.86		
100	QPSK	135	0	22.19	22.21	22.09	23.0	1.0
100	QPSK	135	69	22.94	23.05	22.90	24.0	0.0
100	QPSK	135	138	22.18	22.39	22.20		
100	QPSK	270	0	22.28	22.44	22.30	23.0	1.0
100	16QAM	1	1	22.28	22.23	22.23	23.0	1.0
100	64QAM	1	1	20.61	20.77	20.46	21.5	2.5
100	256QAM	1	1	17.53	17.75	17.70	19.5	4.5
Channel				649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01	24.0	0.0
90	QPSK	1	137	23.15	23.17	23.07	24.0	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0
80	QPSK	1	137	23.17	23.17	23.03	24.0	0.0
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01	24.0	0.0
80	QPSK	1	137	23.15	23.18	23.05	24.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02	24.0	0.0
50	QPSK	1	137	23.18	23.17	23.08	24.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	24.0	0.0
40	QPSK	1	137	23.16	23.18	23.05	24.0	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01	24.0	0.0
30	QPSK	1	137	23.16	23.17	23.06	24.0	0.0
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5	24.0	0.0
25	QPSK	1	137	23.17	23.18	23.06	24.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02	24.0	0.0
20	QPSK	1	137	23.18	23.19	23.07	24.0	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51	24.0	0.0
15	QPSK	1	137	23.15	23.18	23.06	24.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975	24.0	0.0
10	QPSK	1	137	23.11	23.15	23.12	24.0	0.0

PC2/3 Part270 n78 Ant1 Main_PA								
BW (MHz)	Modulation	RB Size	RB Onset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650090	650090	650090		
Frequency (MHz)				3750	3750			
100	Pi/2 BPSK	1	1	23.13				
100	Pi/2 BPSK	1	137	23.02			24.0	0.0
100	Pi/2 BPSK	1	271	22.95				
100	Pi/2 BPSK	135	0	22.54			23.5	0.5
100	Pi/2 BPSK	135	69	22.16			24.0	0.0
100	Pi/2 BPSK	135	138	22.68			23.5	0.5
100	Pi/2 BPSK	270	0	22.84				
100	QPSK	1	1	23.00				
100	QPSK	1	137	23.24			24.0	0.0
100	QPSK	1	271	22.86				
100	QPSK	135	0	22.16			23.0	1.0
100	QPSK	135	69	22.86			24.0	0.0
100	QPSK	135	138	22.19			23.0	1.0
100	QPSK	270	0	22.23				
100	16QAM	1	1	22.06			23.0	1.0
100	64QAM	1	1	20.45			21.5	2.5
100	256QAM	1	1	17.67			19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01	24.0	0.0
90	QPSK	1	137	23.02	23.15	23.13	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02	24.0	0.0
80	QPSK	1	137	23.02	23.14	23.13	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765	24.0	0.0
70	QPSK	1	137	23.13	23.16	23.05	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01	24.0	0.0
60	QPSK	1	137	23.02	23.15	23.11	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02	24.0	0.0
50	QPSK	1	137	23.03	23.16	23.13	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780	24.0	0.0
40	QPSK	1	137	23.03	23.14	23.13	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01	24.0	0.0
30	QPSK	1	137	23.02	23.16	23.13	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5	24.0	0.0
25	QPSK	1	137	23.03	23.15	23.11	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02	24.0	0.0
20	QPSK	1	137	23.03	23.15	23.11	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51	24.0	0.0
15	QPSK	1	137	23.01	23.11	23.05	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	24.0	0.0
10	QPSK	1	137	23.01	23.04	23.08	24.0	0.0



PC2/3 Part270 n77 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				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	22.96	23.01	22.93		
100	1/2 BPSK	1	137	22.68	22.76	22.62	24.0	0.0
100	1/2 BPSK	1	271	22.83	22.82	22.61		
100	1/2 BPSK	135	0	22.38	22.57	22.41	23.5	0.5
100	1/2 BPSK	135	69	22.15	22.85	22.05	24.0	0.0
100	1/2 BPSK	135	138	22.41	22.71	22.52	23.5	0.5
100	1/2 BPSK	270	0	22.61	22.77	22.56		
100	QPSK	1	1	22.89	23.00	22.82		
100	QPSK	1	137	22.99	23.16	23.04	24.0	0.0
100	QPSK	1	271	22.77	22.68	22.49		
100	QPSK	135	0	21.84	22.08	21.72	23.0	1.0
100	QPSK	135	69	22.65	23.70	22.61	24.0	0.0
100	QPSK	135	138	21.82	22.15	21.57	23.0	1.0
100	QPSK	270	0	21.94	22.08	21.82		
100	16QAM	1	1	22.05	21.94	21.90	23.0	1.0
100	64QAM	1	1	20.28	20.42	20.25	21.5	2.5
100	256QAM	1	1	17.63	17.61	17.53	19.5	4.5
Channel				649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	137	22.80	22.97	22.95	24.0	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	137	22.90	22.96	22.96	24.0	0.0
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	137	22.90	22.98	22.95	24.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	137	22.89	22.98	22.96	24.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	137	22.91	22.96	22.94	24.0	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	137	22.90	22.97	22.96	24.0	0.0
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	137	22.89	22.98	22.95	24.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	137	22.90	22.96	22.94	24.0	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	137	22.85	22.95	22.94	24.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	137	22.91	22.98	22.96	24.0	0.0

PC2/3 Part270 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				650000	650000	650000		
Frequency (MHz)				3750				
100	1/2 BPSK	1	1	22.92				
100	1/2 BPSK	1	137	22.60			24.0	0.0
100	1/2 BPSK	1	271	22.76				
100	1/2 BPSK	135	0	22.50			23.5	0.5
100	1/2 BPSK	135	69	22.15			24.0	0.0
100	1/2 BPSK	135	138	22.81			23.5	0.5
100	1/2 BPSK	270	0	22.72				
100	QPSK	1	1	22.95				
100	QPSK	1	137	23.01			24.0	0.0
100	QPSK	1	271	22.65				
100	QPSK	135	0	21.90			23.0	1.0
100	QPSK	135	69	22.56			24.0	0.0
100	QPSK	135	138	22.01			23.0	1.0
100	QPSK	270	0	22.03				
100	16QAM	1	1	21.91			23.0	1.0
100	64QAM	1	1	20.40			21.5	2.5
100	256QAM	1	1	17.53			19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3760	3795.01		
90	QPSK	1	137	22.80	22.92	22.81	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3760	3790.02		
80	QPSK	1	137	22.90	22.92	22.79	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3760	3785		
70	QPSK	1	137	22.05	22.99	22.03	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3760	3770.01		
60	QPSK	1	137	22.90	22.91	22.79	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3760	3775.02		
50	QPSK	1	137	22.89	22.92	22.81	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3760	3780		
40	QPSK	1	137	22.90	22.93	22.79	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3760	3785.01		
30	QPSK	1	137	22.89	22.93	22.81	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3760	3787.5		
25	QPSK	1	137	22.89	22.92	22.81	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3760	3790.02		
20	QPSK	1	137	22.80	22.93	22.79	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3760	3792.51		
15	QPSK	1	137	22.88	22.93	22.79	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3760	3795		
10	QPSK	1	137	22.78	22.91	22.85	24.0	0.0





PC2/3 Part270 n77 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				65000	65000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.78	21.05	20.71			
100	PI/2 BPSK	1	137	20.45	20.67	20.41	22.0	0.0	
100	PI/2 BPSK	1	271	20.70	20.77	20.57			
100	PI/2 BPSK	135	0	20.19	20.61	20.27	21.5	0.5	
100	PI/2 BPSK	135	69	20.71	20.94	20.58	22.0	0.0	
100	PI/2 BPSK	135	138	20.30	20.65	20.47	21.5	0.5	
100	PI/2 BPSK	270	0	20.39	20.80	20.37			
100	QPSK	1	1	20.77	21.11	20.57			
100	QPSK	1	137	20.75	21.23	20.89	22.0	0.0	
100	QPSK	1	271	20.64	20.64	20.21			
100	QPSK	135	0	19.65	19.94	19.55	21.0	1.0	
100	QPSK	135	69	20.46	20.69	20.31	22.0	0.0	
100	QPSK	135	138	19.72	19.96	19.86	21.0	1.0	
100	QPSK	270	0	19.80	20.04	19.65			
100	16QAM	1	1	19.86	19.96	19.68	21.0	1.0	
100	64QAM	1	1	18.04	18.58	18.13	19.5	2.5	
100	256QAM	1	1	15.85	16.07	15.69	17.5	4.5	
Channel				649668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	137	20.65	21.13	20.81	22.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	20.65	21.14	20.78	22.0	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	20.67	21.15	20.79	22.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
Channel				647300	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3971.5			
25	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	20.66	21.15	20.79	22.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	20.65	21.15	20.81	22.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	20.65	21.15	20.80	22.0	0.0	

PC2/3 Part270 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				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	20.97					
100	PI/2 BPSK	1	137	20.55			22.0	0.0	
100	PI/2 BPSK	1	271	20.60					
100	PI/2 BPSK	135	0	20.39			21.5	0.5	
100	PI/2 BPSK	135	69	20.82			22.0	0.0	
100	PI/2 BPSK	135	138	20.54			21.5	0.5	
100	PI/2 BPSK	270	0	20.74					
100	QPSK	1	1	20.91					
100	QPSK	1	137	21.16			22.0	0.0	
100	QPSK	1	271	20.51					
100	QPSK	135	0	19.79			21.0	1.0	
100	QPSK	135	69	20.48			22.0	0.0	
100	QPSK	135	138	19.99			21.0	1.0	
100	QPSK	270	0	19.97					
100	16QAM	1	1	19.83			21.0	1.0	
100	64QAM	1	1	18.36			19.5	2.5	
100	256QAM	1	1	15.97			17.5	4.5	
Channel				649668	650000	660334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3765.01			
90	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				649334	650000	660668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	21.05	21.08	21.02	22.0	0.0	
Channel				649000	650000	661000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	21.13	21.09	21.04	22.0	0.0	
Channel				648668	650000	661334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
Channel				648334	650000	661668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	21.07	21.08	21.01	22.0	0.0	
Channel				648000	650000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
Channel				647668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				647300	650000	662500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	21.06	21.08	21.03	22.0	0.0	
Channel				647334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	21.06	21.06	21.01	22.0	0.0	
Channel				647168	650000	662834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	21.05	21.03	21.04	22.0	0.0	
Channel				647000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	21.03	21.05	21.02	22.0	0.0	

### Reduced Power Mode for DSI 3\_Main PA

n5 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.09	23.14	23.06	24.0	0.0
20	QPSK	50	28	23.02	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0

n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.33	23.36	23.21	24.0	0.0
20	QPSK	50	28	23.27	23.30	23.23	24.0	0.0
20	QPSK	100	0	22.13	22.36	22.23	23.0	1.0



### 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)	MFR (dB)
	Channel			506000	507500	509000		
	Frequency (MHz)			2535	2535	2545		
50	QPSK	1	1	18.31	18.45	18.42	19.0	0.0
50	QPSK	135	68	18.28	18.31	18.26	19.0	0.0
50	QPSK	270	0	18.09	18.27	18.21	19.0	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)				2580.02	2595	2599.98			
40	PI/2 BPSK	1	1	12.11	12.17	12.14			
40	PI/2 BPSK	1	53	12.19	12.17	12.12	13.5	0.0	
40	PI/2 BPSK	1	104	12.23	12.32	12.22			
40	PI/2 BPSK	50	0	12.11	12.30	12.35	13.5	0.0	
40	PI/2 BPSK	50	28	12.31	12.31	12.32	13.5	0.0	
40	PI/2 BPSK	50	56	12.15	12.33	12.38			
40	PI/2 BPSK	100	0	12.38	12.17	12.32	13.5	0.0	
40	QPSK	1	1	12.36	12.27	12.27			
40	QPSK	1	53	12.19	12.40	12.38	13.5	0.0	
40	QPSK	1	104	12.26	12.18	12.32			
40	QPSK	50	0	12.28	12.31	12.23	13.5	0.0	
40	QPSK	50	28	12.35	12.30	12.20	13.5	0.0	
40	QPSK	50	56	12.18	12.32	12.23			
40	QPSK	100	0	12.30	12.32	12.23	13.5	0.0	
40	16QAM	1	1	12.30	12.24	12.18	13.5	0.0	
40	64QAM	1	1	12.15	12.17	12.32	13.5	0.0	
40	256QAM	1	1	12.22	12.21	12.32	13.5	0.0	
Channel				517002	518000	518998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	53	12.11	12.24	12.24	13.5	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	53	12.16	12.34	12.23	13.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	53	12.09	12.28	12.22	13.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	53	12.04	12.25	12.20	13.5	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	53	12.14	12.31	12.29	13.5	0.0	

n41 PC3 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	518596	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	12.33	12.28	12.28			
100	PI/2 BPSK	1	137	12.41	12.33	12.24	13.5	0.0	
100	PI/2 BPSK	1	271	12.19	12.35	12.21			
100	PI/2 BPSK	135	0	12.37	12.41	12.45	13.5	0.0	
100	PI/2 BPSK	135	69	12.20	12.36	12.44	13.5	0.0	
100	PI/2 BPSK	135	138	12.37	12.25	12.20			
100	PI/2 BPSK	270	0	12.27	12.45	12.36	13.5	0.0	
100	QPSK	1	1	12.46	12.44	12.33			
100	QPSK	1	137	12.48	12.49	12.34	13.5	0.0	
100	QPSK	1	271	12.42	12.46	12.31			
100	QPSK	135	0	12.39	12.40	12.33	13.5	0.0	
100	QPSK	135	69	12.28	12.47	12.34	13.5	0.0	
100	QPSK	135	138	12.44	12.46	12.29			
100	QPSK	270	0	12.35	12.43	12.24	13.5	0.0	
100	16QAM	1	1	12.20	12.44	12.39	13.5	0.0	
100	64QAM	1	1	12.29	12.24	12.19	13.5	0.0	
100	256QAM	1	1	12.37	12.41	12.32	13.5	0.0	
Channel				503000	518598	528096	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	137	12.36	12.33	12.19	13.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2646.99			
80	QPSK	1	137	12.44	12.40	12.31	13.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	137	12.37	12.33	12.24	13.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	137	12.40	12.44	12.22	13.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	137	12.36	12.40	12.25	13.5	0.0	
Channel				503202	518596	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	137	12.37	12.34	12.21	13.5	0.0	
Channel				502200	518596	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	137	12.39	12.45	12.23	13.5	0.0	
Channel				501204	518596	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	137	12.41	12.34	12.27	13.5	0.0	
Channel				500700	518596	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	137	12.39	12.41	12.24	13.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	137	12.33	12.35	12.26	13.5	0.0	



PC2 Part270 n77 Ant5 Main_PA									
BW (MHz)	Module	RB Size	RB Onset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
	Channel			65000	65000	65000			
	Frequency (MHz)			3750	3840	3930			
100	1/2 BPSK	1	1	18.22	18.15	18.30			
100	1/2 BPSK	1	137	18.17	18.23	18.19	19.5	0.0	
100	1/2 BPSK	1	271	18.28	18.34	18.18			
100	1/2 BPSK	135	0	18.24	18.25	18.35	19.5	0.0	
100	1/2 BPSK	135	69	18.22	18.26	18.16	19.5	0.0	
100	1/2 BPSK	135	138	18.24	18.34	18.22			
100	1/2 BPSK	270	0	18.21	18.19	18.20	19.5	0.0	
100	QPSK	1	1	18.24	18.22	18.35			
100	QPSK	1	137	18.32	18.38	18.30	19.5	0.0	
100	QPSK	1	271	18.20	18.35	18.33			
100	QPSK	135	0	18.33	18.25	18.13	19.5	0.0	
100	QPSK	135	69	18.27	18.35	18.18	19.5	0.0	
100	QPSK	135	138	18.32	18.25	18.31			
100	QPSK	270	0	18.25	18.31	18.27	19.5	0.0	
100	16QAM	1	1	18.32	18.35	18.32	19.5	0.0	
100	16QAM	1	1	18.19	18.26	18.14	19.5	0.0	
100	256QAM	1	1	18.32	18.13	18.21	19.5	0.0	
	Channel			64968	65000	65034	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	137	18.27	18.27	18.20	0.0	0.0	
	Channel			64934	65000	65068	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	18.17	18.24	18.17	0.0	0.0	
	Channel			64868	65000	65334	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	137	18.20	18.30	18.21	0.0	0.0	
	Channel			64834	65000	65368	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	18.22	18.26	18.23	0.0	0.0	
	Channel			64800	65000	65400	Tune-up limit	MPR	
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	18.19	18.24	18.18	0.0	0.0	
	Channel			64768	65000	65434	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	18.26	18.26	18.16	0.0	0.0	
	Channel			64700	65000	65450	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	137	18.20	18.25	18.19	0.0	0.0	
	Channel			64734	65000	65468	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	137	18.22	18.32	18.15	0.0	0.0	
	Channel			64700	65000	65484	Tune-up limit	MPR	
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	137	18.27	18.31	18.15	0.0	0.0	
	Channel			64700	65000	65500	Tune-up limit	MPR	
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	18.26	18.28	18.24	0.0	0.0	

PC2 Part270 n78 Ant5 Main_PA									
BW (MHz)	Module	RB Size	RB Onset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
	Channel			65000	65000	65000			
	Frequency (MHz)			3750	3750	3750			
100	1/2 BPSK	1	1	18.10					
100	1/2 BPSK	1	137	18.11			19.5	0.0	
100	1/2 BPSK	1	271	18.11					
100	1/2 BPSK	135	0	18.08			19.5	0.0	
100	1/2 BPSK	135	69	18.08			19.5	0.0	
100	1/2 BPSK	135	138	18.13			19.5	0.0	
100	1/2 BPSK	270	0	17.95					
100	QPSK	1	1	18.17					
100	QPSK	1	137	18.18			19.5	0.0	
100	QPSK	1	271	17.93					
100	QPSK	135	0	18.01			19.5	0.0	
100	QPSK	135	69	18.13			19.5	0.0	
100	QPSK	135	138	18.04					
100	QPSK	270	0	18.09			19.5	0.0	
100	16QAM	1	1	18.05			19.5	0.0	
100	16QAM	1	1	18.16			19.5	0.0	
100	256QAM	1	1	18.05			19.5	0.0	
	Channel			64968	65000	65034	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	137	18.00	18.10	18.03	19.5	0.0	
	Channel			64934	65000	65068	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	17.99	18.06	18.05	19.5	0.0	
	Channel			64900	65000	65100	Tune-up limit	MPR	
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	17.83	17.91	18.09	19.5	0.0	
	Channel			64868	65000	65134	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	17.93	18.06	18.06	19.5	0.0	
	Channel			64834	65000	65168	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	18.00	18.06	17.97	19.5	0.0	
	Channel			64800	65000	65200	Tune-up limit	MPR	
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	18.00	18.08	17.97	19.5	0.0	
	Channel			64768	65000	65234	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	17.95	18.04	18.06	19.5	0.0	
	Channel			64700	65000	65268	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	17.94	18.11	18.02	19.5	0.0	
	Channel			64700	65000	65288	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	137	17.99	18.10	17.97	19.5	0.0	
	Channel			647168	65000	65284	Tune-up limit	MPR	
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	17.99	18.10	17.97	19.5	0.0	
	Channel			647000	65000	65300	Tune-up limit	MPR	
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	17.99	18.10	17.97	19.5	0.0	



PC2/3 Part270 n77 Ant1 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				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	20.41	20.34	20.25			
100	1/2 BPSK	1	137	20.42	20.28	20.23	21.0	0.0	
100	1/2 BPSK	1	271	20.41	20.34	20.47			
100	1/2 BPSK	135	0	20.43	20.24	20.28	21.0	0.0	
100	1/2 BPSK	135	69	20.47	20.31	20.26	21.0	0.0	
100	1/2 BPSK	135	138	20.39	20.34		21.0	0.0	
100	1/2 BPSK	270	0	20.44	20.36	20.23			
100	QPSK	1	1	20.42	20.26	20.30			
100	QPSK	1	137	20.46	20.48	20.41	21.0	0.0	
100	QPSK	1	271	20.43	20.26	20.43			
100	QPSK	135	0	20.45	20.31	20.30	21.0	0.0	
100	QPSK	135	69	20.36	20.46	20.28	21.0	0.0	
100	QPSK	135	138	20.38	20.27	20.41			
100	QPSK	270	0	20.26	20.43	20.42	21.0	0.0	
100	16QAM	1	1	20.29	20.36	20.32	21.0	0.0	
100	16QAM	1	1	20.36	20.41	20.25	21.0	0.0	
100	256QAM	1	1	17.53	17.76	17.70	19.5	1.5	
Channel				648668	650000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3955.01	(dBm)	(dB)	
90	QPSK	1	137	20.37	20.42	20.35	21.0	0.0	
Channel				648334	650000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	20.32	20.37	20.27	21.0	0.0	
Channel				648668	650000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	137	20.37	20.34	20.32	21.0	0.0	
Channel				648334	650000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	20.37	20.43	20.31	21.0	0.0	
Channel				648000	650000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	20.39	20.37	20.30	21.0	0.0	
Channel				647668	650000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	20.38	20.42	20.29	21.0	0.0	
Channel				647334	650000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
25	QPSK	1	137	20.33	20.43	20.27	21.0	0.0	
Channel				647000	650000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
20	QPSK	1	137	20.32	20.36	20.36	21.0	0.0	
Channel				647168	650000	664834	Tune-up limit	MPR	
Frequency (MHz)				3702.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	137	20.36	20.43	20.30	21.0	0.0	
Channel				647000	650000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	20.35	20.33	20.30	21.0	0.0	

PC2/3 Part270 n78 Ant1 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				65000	65000	65000			
Frequency (MHz)				3750					
100	1/2 BPSK	1	1		20.26				
100	1/2 BPSK	1	137		20.12		21.0	0.0	
100	1/2 BPSK	1	271		20.16				
100	1/2 BPSK	135	0		20.10		21.0	0.0	
100	1/2 BPSK	135	69		20.16		21.0	0.0	
100	1/2 BPSK	135	138		20.09		21.0	0.0	
100	1/2 BPSK	270	0		20.16				
100	QPSK	1	1		20.29				
100	QPSK	1	137		20.31		21.0	0.0	
100	QPSK	1	271		20.25				
100	QPSK	135	0		20.28		21.0	0.0	
100	QPSK	135	69		20.29		21.0	0.0	
100	QPSK	135	138		20.27		21.0	0.0	
100	QPSK	270	0		20.25		21.0	0.0	
100	16QAM	1	1		20.09		21.0	0.0	
100	16QAM	1	1		20.21		21.0	0.0	
100	256QAM	1	1		17.67		19.5	1.5	
Channel				648668	650000	660334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3765.01	(dBm)	(dB)	
90	QPSK	1	137	20.10	20.21	20.14	21.0	0.0	
Channel				648334	650000	660668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	20.12	20.14	20.14	21.0	0.0	
Channel				649000	650000	661000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	20.03	20.11	20.13	21.0	0.0	
Channel				648668	650000	661334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	20.07	20.18	20.15	21.0	0.0	
Channel				648334	650000	661668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	20.07	20.23	20.14	21.0	0.0	
Channel				648000	650000	662000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	20.09	20.16	20.18	21.0	0.0	
Channel				647668	650000	662334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	20.13	20.16	20.18	21.0	0.0	
Channel				647500	650000	662500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	20.16	20.15	20.19	21.0	0.0	
Channel				647334	650000	662668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	137	20.06	20.20	20.18	21.0	0.0	
Channel				647168	650000	662834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	20.13	20.18	20.15	21.0	0.0	
Channel				647000	650000	663000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	20.11	20.16	20.16	21.0	0.0	



PC2/3 Part270 n77 Ant2 Main_PA									
BW [MHz]	Modulat Ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			65000	65000	65200			
	Frequency (MHz)			3750	3840	3930			
100	1/2 BPS	1	1	20.17	20.11	20.23			
100	1/2 BPS	1	137	20.09	19.97	20.04	21.0	0.0	
100	1/2 BPS	1	271	19.98	20.17	20.04			
100	1/2 BPS	135	0	20.05	20.05	20.04	21.0	0.0	
100	1/2 BPS	135	69	20.09	19.96	20.14	21.0	0.0	
100	1/2 BPS	135	138	20.00	19.24	20.15	21.0	0.0	
100	1/2 BPS	270	0	19.95	20.04	20.06			
100	QPSK	1	1	20.18	20.08	20.16			
100	QPSK	1	137	20.13	20.26	20.17	21.0	0.0	
100	QPSK	1	271	20.11	19.95	20.04			
100	QPSK	135	0	20.23	19.97	19.95	21.0	0.0	
100	QPSK	135	69	20.20	20.24	20.12	21.0	0.0	
100	QPSK	135	138	20.05	20.00	20.08	21.0	0.0	
100	QPSK	270	0	20.09	20.21	20.20			
100	16QAM	1	1	19.98	19.96	20.07	21.0	0.0	
100	16QAM	1	1	20.14	20.15	20.01	21.0	0.0	
100	256QAM	1	1	17.63	17.61	17.53	19.5	11.5	
	Channel			648668	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	137	20.10	19.93	20.09	21.0	0.0	
	Channel			649334	650000	652668	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	20.07	19.93	20.08	21.0	0.0	
	Channel			648668	650000	653334	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	137	20.07	19.94	20.01	21.0	0.0	
	Channel			648334	650000	653668	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	20.04	19.94	20.02	21.0	0.0	
	Channel			648000	650000	654000	Tune-up limit	MPR	
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	20.05	19.97	20.07	21.0	0.0	
	Channel			647668	650000	654334	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	20.07	19.99	20.04	21.0	0.0	
	Channel			647500	650000	654500	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	137	20.05	20.00	20.09	21.0	0.0	
	Channel			647334	650000	654668	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	137	20.07	19.94	20.08	21.0	0.0	
	Channel			647000	650000	654700	Tune-up limit	MPR	
	Frequency (MHz)			3707.5	3840	3972.5	(dBm)	(dB)	
15	QPSK	1	137	20.05	19.95	20.05	21.0	0.0	
	Channel			647000	650000	655000	Tune-up limit	MPR	
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	20.08	19.94	20.06	21.0	0.0	

PC2/3 Part270 n78 Ant2 Main_PA									
BW [MHz]	Modulat Ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			65000	65000	65300			
	Frequency (MHz)			3750					
100	1/2 BPS	1	1	19.85					
100	1/2 BPS	1	137	20.08			21.0	0.0	
100	1/2 BPS	1	271	20.08					
100	1/2 BPS	138	0	19.96			21.0	0.0	
100	1/2 BPS	135	69	19.96			21.0	0.0	
100	1/2 BPS	135	138	20.04			21.0	0.0	
100	1/2 BPS	270	0	19.97					
100	QPSK	1	1	19.88					
100	QPSK	1	137	20.10			21.0	0.0	
100	QPSK	1	271	20.03					
100	QPSK	138	0	19.97			21.0	0.0	
100	QPSK	135	69	20.09			21.0	0.0	
100	QPSK	135	138	19.90			21.0	0.0	
100	QPSK	270	0	20.04					
100	16QAM	1	1	19.96			21.0	0.0	
100	16QAM	1	1	19.95			21.0	0.0	
100	256QAM	1	1	17.53			19.5	11.5	
	Channel			648668	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	137	19.95	19.96	19.95	21.0	0.0	
	Channel			649334	650000	650668	Tune-up limit	MPR	
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	19.95	19.96	19.95	21.0	0.0	
	Channel			649000	650000	651000	Tune-up limit	MPR	
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	19.83	19.92	19.89	21.0	0.0	
	Channel			648668	650000	651334	Tune-up limit	MPR	
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	19.84	19.81	19.92	21.0	0.0	
	Channel			648334	650000	651668	Tune-up limit	MPR	
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	19.91	19.83	19.90	21.0	0.0	
	Channel			648000	650000	652000	Tune-up limit	MPR	
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	19.86	19.81	19.85	21.0	0.0	
	Channel			647668	650000	652334	Tune-up limit	MPR	
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	19.91	19.80	19.92	21.0	0.0	
	Channel			647500	650000	652500	Tune-up limit	MPR	
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	19.84	19.89	19.89	21.0	0.0	
	Channel			647334	650000	652668	Tune-up limit	MPR	
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	137	19.79	19.85	19.85	21.0	0.0	
	Channel			647168	650000	652834	Tune-up limit	MPR	
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	19.87	19.82	19.83	21.0	0.0	
	Channel			647000	650000	653000	Tune-up limit	MPR	
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	19.85	19.93	19.85	21.0	0.0	



PC2/3 Part270 n77 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				650000	659000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	17.24	17.29	17.06	18.0	0.0	
100	1/2 BPSK	1	137	17.03	17.14	17.08			
100	1/2 BPSK	1	271	17.20	17.25	17.23			
100	1/2 BPSK	135	0	17.19	17.20	17.10	18.0	0.0	
100	1/2 BPSK	135	69	17.29	17.29	17.12	18.0	0.0	
100	1/2 BPSK	135	138	17.24	17.29	17.15	18.0	0.0	
100	1/2 BPSK	270	0	17.11	17.12	17.19			
100	QPSK	1	1	17.13	17.22	17.13			
100	QPSK	1	137	17.21	17.33	17.25	18.0	0.0	
100	QPSK	1	271	17.30	17.06	17.14			
100	QPSK	135	0	17.03	17.30	17.14	18.0	0.0	
100	QPSK	135	69	17.30	17.31	17.07	18.0	0.0	
100	QPSK	135	138	17.01	17.03	17.05	18.0	0.0	
100	QPSK	270	0	17.26	17.28	17.23			
100	16QAM	1	1	17.15	17.28	17.25	18.0	0.0	
100	64QAM	1	1	17.31	17.16	17.14	18.0	0.0	
100	256QAM	1	1	15.85	16.07	15.80	17.5	0.5	
Channel				649668	659000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	18.0	0.0	
90	QPSK	1	137	17.18	17.21	17.16	18.0	0.0	
Channel				649334	659000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	18.0	0.0	
80	QPSK	1	137	17.12	17.19	17.19	18.0	0.0	
Channel				649668	659000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	18.0	0.0	
60	QPSK	1	137	17.10	17.19	17.16	18.0	0.0	
Channel				649334	659000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	18.0	0.0	
50	QPSK	1	137	17.14	17.20	17.12	18.0	0.0	
Channel				649000	659000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	18.0	0.0	
40	QPSK	1	137	17.16	17.28	17.15	18.0	0.0	
Channel				647668	659000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	18.0	0.0	
30	QPSK	1	137	17.09	17.20	17.21	18.0	0.0	
Channel				647500	659000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	18.0	0.0	
25	QPSK	1	137	17.10	17.22	17.14	18.0	0.0	
Channel				647334	659000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	18.0	0.0	
20	QPSK	1	137	17.05	17.25	17.13	18.0	0.0	
Channel				647168	659000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	18.0	0.0	
15	QPSK	1	137	17.13	17.25	17.15	18.0	0.0	
Channel				647000	659000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	18.0	0.0	
10	QPSK	1	137	17.08	17.23	17.10	18.0	0.0	

PC2/3 Part270 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				650000					
Frequency (MHz)				3750					
100	1/2 BPSK	1	1	17.01					
100	1/2 BPSK	1	137	16.95			18.0	0.0	
100	1/2 BPSK	1	271	16.97					
100	1/2 BPSK	135	0	16.98			18.0	0.0	
100	1/2 BPSK	135	69	17.17			18.0	0.0	
100	1/2 BPSK	135	138	17.09			18.0	0.0	
100	1/2 BPSK	270	0	17.03					
100	QPSK	1	1	17.08					
100	QPSK	1	137	17.24			18.0	0.0	
100	QPSK	1	271	17.18					
100	QPSK	135	0	17.15			18.0	0.0	
100	QPSK	135	69	17.21			18.0	0.0	
100	QPSK	135	138	17.13			18.0	0.0	
100	QPSK	270	0	17.19					
100	16QAM	1	1	17.09			18.0	0.0	
100	64QAM	1	1	17.12			18.0	0.0	
100	256QAM	1	1	15.97			17.5	0.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	18.0	0.0	
90	QPSK	1	137	17.17	17.09	17.09	18.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	18.0	0.0	
80	QPSK	1	137	17.06	17.18	17.04	18.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	18.0	0.0	
70	QPSK	1	137	17.03	17.21	17.09	18.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	18.0	0.0	
60	QPSK	1	137	17.05	17.00	16.98	18.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	18.0	0.0	
50	QPSK	1	137	17.07	17.03	17.02	18.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	18.0	0.0	
40	QPSK	1	137	17.02	17.04	16.98	18.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	18.0	0.0	
30	QPSK	1	137	17.05	16.95	17.02	18.0	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	18.0	0.0	
25	QPSK	1	137	17.03	16.95	16.98	18.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	18.0	0.0	
20	QPSK	1	137	17.10	17.01	16.95	18.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	18.0	0.0	
15	QPSK	1	137	17.05	17.03	17.03	18.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	18.0	0.0	
10	QPSK	1	137	17.10	16.95	17.02	18.0	0.0	





Reduced Power Mode for DSI4\_Main PA

n5 Ant0 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.			
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	23.09	23.14	23.06	24.0	0.0	
20	QPSK	50	28	23.02	23.13	23.08	24.0	0.0	
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0	

n26 Ant0 Main_PA									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.			
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	23.33	23.36	23.21	24.0	0.0	
20	QPSK	50	28	23.27	23.30	23.23	24.0	0.0	
20	QPSK	100	0	22.15	22.36	22.23	23.0	1.0	



### n7 Ant1 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)	MFR (dB)
				506000	507500	509000		
				255	255	245		
50	QPSK	1	1	23.26	23.29	23.17	24.0	0.0
50	QPSK	135	68	23.15	23.22	23.21	24.0	0.0
50	QPSK	270	0	22.08	22.27	22.22	23.0	1.0



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				516004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.69	22.89	22.76			
40	PI/2 BPSK	1	53	22.75	22.95	22.48	24.0	0.0	
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	29	22.51	22.96	22.58	24.0	0.0	
40	PI/2 BPSK	50	58	22.39	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	29	22.79	22.91	22.49	24.0	0.0	
40	QPSK	50	58	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			
Frequency (MHz)				2588.01	2595	2604.99			
30	QPSK	1	53	22.63	22.93	22.76	24.0	0.0	
Channel				516504	519000	521496			
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	53	22.75	22.90	22.59	24.0	0.0	
Channel				516900	519000	522000			
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	53	22.78	22.91	22.80	24.0	0.0	
Channel				515502	519000	522498			
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	53	22.79	23.02	22.78	24.0	0.0	
Channel				515004	519000	522998			
Frequency (MHz)				2579.02	2595	2614.98			
10	QPSK	1	53	22.79	22.96	22.70	24.0	0.0	

n41 PC3 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				505002	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.62	23.29	22.55			
100	PI/2 BPSK	1	137	22.78	23.24	22.27	24.0	0.0	
100	PI/2 BPSK	1	271	22.57	23.19	22.41			
100	PI/2 BPSK	135	0	22.14	22.88	22.06	23.5	0.5	
100	PI/2 BPSK	135	69	22.74	23.19	22.31	24.0	0.0	
100	PI/2 BPSK	135	138	22.21	22.83	22.13			
100	PI/2 BPSK	270	0	22.12	22.87	21.93	23.5	0.5	
100	QPSK	1	1	22.95	22.55	22.61			
100	QPSK	1	137	22.62	23.31	22.50	24.0	0.0	
100	QPSK	1	271	22.78	23.27	22.42			
100	QPSK	135	0	21.74	22.28	21.63	23.0	1.0	
100	QPSK	135	69	22.54	23.18	22.44	24.0	0.0	
100	QPSK	135	138	21.58	22.37	21.41			
100	QPSK	270	0	21.70	22.40	21.65	23.0	1.0	
100	16QAM	1	1	21.70	22.26	21.37	23.0	1.0	
100	64QAM	1	1	20.06	20.70	20.04	21.5	2.5	
100	256QAM	1	1	18.10	18.91	18.03	19.5	4.5	
Channel				505200	518598	528998			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	137	22.46	23.15	22.41	24.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	137	22.53	23.13	22.39	24.0	0.0	
Channel				505202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	137	22.50	23.21	22.34	24.0	0.0	
Channel				505200	518598	531998			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	137	22.81	23.17	22.32	24.0	0.0	
Channel				534234	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.98			
50	QPSK	1	137	22.50	23.17	22.40	24.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	137	22.44	23.14	22.42	24.0	0.0	
Channel				505200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	137	22.53	23.26	22.31	24.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	137	22.47	23.15	22.41	24.0	0.0	
Channel				500700	518598	536498			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	137	22.59	23.27	22.43	24.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	137	22.49	23.17	22.45	24.0	0.0	



PC3 Part270 n77 Ant5 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Med Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
100	Pi2 BPSK	1	1	22.02	22.90	22.92			24.0	0.0
100	Pi2 BPSK	1	137	22.32	22.90	22.26				
100	Pi2 BPSK	1	271	22.50	22.58	22.29				
100	Pi2 BPSK	135	0	22.02	22.33	22.00		23.5	0.5	
100	Pi2 BPSK	135	69	22.51	22.76	22.45		24.0	0.0	
100	Pi2 BPSK	135	138	22.03	22.50	22.20		23.5	0.5	
100	Pi2 BPSK	270	0	22.20	22.57	22.20				
100	QPSK	1	1	22.51	22.82	22.36				
100	QPSK	1	137	22.60	22.98	22.62		24.0	0.0	
100	QPSK	1	271	22.36	22.38	22.86				
100	QPSK	135	0	21.48	21.74	21.30		23.0	1.0	
100	QPSK	135	69	22.20	22.41	22.14		24.0	0.0	
100	QPSK	135	138	21.48	21.84	21.85		23.0	1.0	
100	QPSK	270	0	21.59	21.88	21.50				
100	16QAM	1	1	21.82	21.74	21.41		23.0	1.0	
100	16QAM	1	1	19.83	20.29	19.84		21.5	2.5	
100	256QAM	1	1	17.57	17.88	17.36		19.5	4.5	
Channel										
Frequency (MHz)				650000	650000	650000	Tune-up limit (dBm)	MPR (dB)		
Channel				3745.02	3840	3895.01				
80	QPSK	1	137	22.50	22.89	22.52		24.0	0.0	
Channel										
Frequency (MHz)				64868	65000	66368	Tune-up limit (dBm)	MPR (dB)		
Channel				3749.01	3840	3895.02				
80	QPSK	1	137	22.50	22.89	22.54		24.0	0.0	
Channel										
Frequency (MHz)				64868	65000	66334	Tune-up limit (dBm)	MPR (dB)		
Channel				3749.02	3840	3895.01				
60	QPSK	1	137	22.50	22.89	22.53		24.0	0.0	
Channel										
Frequency (MHz)				64834	65000	66368	Tune-up limit (dBm)	MPR (dB)		
Channel				3720.01	3840	3895.02				
50	QPSK	1	137	22.50	22.90	22.53		24.0	0.0	
Channel										
Frequency (MHz)				64800	65000	66400	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3840	3890				
40	QPSK	1	137	22.52	22.88	22.53		24.0	0.0	
Channel										
Frequency (MHz)				64768	65000	66434	Tune-up limit (dBm)	MPR (dB)		
Channel				3715.02	3840	3895.01				
30	QPSK	1	137	22.44	22.72	22.52		0.0	0.0	
Channel										
Frequency (MHz)				64700	65000	66500	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
25	QPSK	1	137	22.50	22.82	22.54		0.0	0.0	
Channel										
Frequency (MHz)				64734	65000	66468	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
20	QPSK	1	137	22.51	22.90	22.54		0.0	0.0	
Channel										
Frequency (MHz)				64768	65000	66434	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
15	QPSK	1	137	22.52	22.88	22.53		0.0	0.0	
Channel										
Frequency (MHz)				64700	65000	66500	Tune-up limit (dBm)	MPR (dB)		
Channel				3710	3840	3890				
10	QPSK	1	137	22.51	22.89	22.53		0.0	0.0	

PC2 Part270 n77 Ant5 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Med Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
100	Pi2 BPSK	1	1	25.53	25.59	25.58			27.0	0.0
100	Pi2 BPSK	1	137	25.34	25.31	25.32				
100	Pi2 BPSK	1	271	25.48	25.42	25.24				
100	Pi2 BPSK	135	0	24.94	25.05	25.08		26.5	0.5	
100	Pi2 BPSK	135	69	25.45	25.51	25.41		27.0	0.0	
100	Pi2 BPSK	135	138	24.98	25.36	25.29		26.5	0.5	
100	Pi2 BPSK	270	0	25.16	25.38	25.19				
100	QPSK	1	1	25.59	25.80	25.41				
100	QPSK	1	137	25.34	25.80	25.61		27.0	0.0	
100	QPSK	1	271	25.37	25.20	25.10				
100	QPSK	135	0	24.48	24.93	24.92		26.0	1.0	
100	QPSK	135	69	25.11	25.25	25.15		27.0	0.0	
100	QPSK	135	138	24.41	24.79	24.62		26.0	1.0	
100	QPSK	270	0	24.51	24.71	24.51				
100	16QAM	1	1	24.92	24.48	24.90		26.0	1.0	
100	16QAM	1	1	22.88	23.03	22.78		24.5	2.5	
100	256QAM	1	1	20.64	20.64	20.83		22.5	4.5	
Channel										
Frequency (MHz)				65000	65000	65000	Tune-up limit (dBm)	MPR (dB)		
Channel				3745.02	3840	3895.01				
90	QPSK	1	137	25.45	25.70	25.53		0.0	0.0	
Channel										
Frequency (MHz)				64834	65000	66268	Tune-up limit (dBm)	MPR (dB)		
Channel				3740.01	3840	3895.02				
80	QPSK	1	137	25.45	25.72	25.53		0.0	0.0	
Channel										
Frequency (MHz)				64868	65000	66334	Tune-up limit (dBm)	MPR (dB)		
Channel				3740.02	3840	3895.01				
60	QPSK	1	137	25.45	25.71	25.52		0.0	0.0	
Channel										
Frequency (MHz)				64834	65000	66368	Tune-up limit (dBm)	MPR (dB)		
Channel				3720.01	3840	3895.02				
50	QPSK	1	137	25.45	25.72	25.53		0.0	0.0	
Channel										
Frequency (MHz)				64800	65000	66400	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3840	3890				
40	QPSK	1	137	25.44	25.70	25.51		0.0	0.0	
Channel										
Frequency (MHz)				64768	65000	66434	Tune-up limit (dBm)	MPR (dB)		
Channel				3715.02	3840	3895.01				
30	QPSK	1	137	25.46	25.70	25.51		0.0	0.0	
Channel										
Frequency (MHz)				64700	65000	66500	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
25	QPSK	1	137	25.45	25.72	25.51		0.0	0.0	
Channel										
Frequency (MHz)				64734	65000	66468	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
20	QPSK	1	137	25.45	25.72	25.51		0.0	0.0	
Channel										
Frequency (MHz)				64768	65000	66434	Tune-up limit (dBm)	MPR (dB)		
Channel				3710.01	3840	3890.02				
15	QPSK	1	137	25.45	25.72	25.51		0.0	0.0	
Channel										
Frequency (MHz)				64700	65000	66500	Tune-up limit (dBm)	MPR (dB)		
Channel				3710	3840	3890				
10	QPSK	1	137	25.45	25.71	25.52		0.0	0.0	

PC3 Part270 n78 Ant5 Main_PA										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Med Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)										
100	Pi2 BPSK	1	1	22.75					24.0	0.0
100	Pi2 BPSK	1	137	22.48						
100	Pi2 BPSK	1	271	22.50						
100	Pi2 BPSK	135	0	22.00				23.5	0.5	
100	Pi2 BPSK	135	69	22.58				24.0	0.0	
100	Pi2 BPSK	135	138	22.44				23.5	0.5	
100	Pi2 BPSK	270	0	22.36						
100	QPSK	1	1	22.74				24.0	0.0	
100	QPSK	1	137	22.36						
100	QPSK	1	271	22.37						
100	QPSK	135	0	21.87				23.0	1.0	
100	QPSK	135	69	22.44				24.0	0.0	
100	QPSK	135	138	21.79				23.0	1.0	
100	QPSK	270	0	21.87						
100	16QAM	1	1	21.94				23.0	1.0	
100	16QAM	1	1	20.20				21.5	2.5	
100	256QAM	1	1	17.86				19.5	4.5	
Channel										
Frequency (MHz)				64968	65000	65034	Tune-up limit (dBm)	MPR (dB)		
Channel				3745.02	3760	3795.01				
80	QPSK	1	137	22.78	22.88	22.74		24.0	0.0	
Channel										
Frequency (MHz)				64934	65000	65068	Tune-up limit (dBm)	MPR (dB)		
Channel				3740.01	3760	3795.02				
80	QPSK	1	137	22.78	22.89	22.74		24.0	0.0	
Channel										
Frequency (MHz)				64900	65000	65100	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3760	3795				
70	QPSK	1	137	22.63	22.92	22.89		24.0	0.0	
Channel										
Frequency (MHz)				64868	65000	65134	Tune-up limit (dBm)	MPR (dB)		
Channel				3720.02	3760	3795.01				
60	QPSK	1	137	22.78	22.88	22.74		24.0	0.0	
Channel										
Frequency (MHz)				64834	65000	65168	Tune-up limit (dBm)	MPR (dB)		
Channel				3720.01	3760	3795.02				
50	QPSK	1	137	22.70	22.89	22.75		24.0	0.0	
Channel										
Frequency (MHz)				64800	65000	65200	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3760	3790				
40	QPSK	1	137	22.72	22.90	22.70		24.0	0.0	
Channel										



PC2/3 Part270 n77 Ant1 Main_PA									
BW [MHz]	Modulat Ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	662000			
	Frequency (MHz)			3750	3840	3930			
100	1/2 BPSK	1	1	23.20	23.33	23.19			
100	1/2 BPSK	1	137	22.97	23.10	22.90	24.0	0.0	
100	1/2 BPSK	1	271	23.18	23.21	23.00			
100	1/2 BPSK	135	0	22.83	22.81	22.87	23.5	0.5	
100	1/2 BPSK	135	69	22.24	22.40	22.23	24.0	0.0	
100	1/2 BPSK	135	138	22.77	22.93	22.87			
100	1/2 BPSK	270	0	22.97	23.01	22.92	23.5	0.5	
100	QPSK	1	1	23.11	23.24	23.11			
100	QPSK	1	137	23.27	23.40	23.30	24.0	0.0	
100	QPSK	1	271	23.10	23.06	22.86			
100	QPSK	135	0	22.19	22.31	22.06	23.0	1.0	
100	QPSK	135	69	22.94	23.05	22.90	24.0	0.0	
100	QPSK	135	138	22.16	22.39	22.20			
100	QPSK	270	0	22.28	22.44	22.30	23.0	1.0	
100	16QAM	1	1	22.28	22.23	22.23	23.0	1.0	
100	16QAM	1	1	20.61	20.77	20.46	21.5	2.5	
100	64QAM	1	1	17.53	17.75	17.70	19.5	4.5	
	Channel			648668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	137	23.15	23.17	23.07	24.0	0.0	
	Channel			649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	23.17	23.17	23.06	24.0	0.0	
	Channel			648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	137	23.16	23.18	23.06	24.0	0.0	
	Channel			648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	23.16	23.17	23.06	24.0	0.0	
	Channel			648500	650000	654000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	23.16	23.18	23.05	24.0	0.0	
	Channel			647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	23.16	23.17	23.06	24.0	0.0	
	Channel			647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	137	23.17	23.18	23.06	24.0	0.0	
	Channel			647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	137	23.16	23.19	23.07	24.0	0.0	
	Channel			647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	137	23.15	23.18	23.05	24.0	0.0	
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	23.11	23.15	23.12	24.0	0.0	

PC2/3 Part270 n78 Ant1 Main_PA									
BW [MHz]	Modulat Ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	650000			
	Frequency (MHz)			3750					
100	1/2 BPSK	1	1	23.13					
100	1/2 BPSK	1	137	23.02			24.0	0.0	
100	1/2 BPSK	1	271	22.95					
100	1/2 BPSK	135	0	22.54			23.5	0.5	
100	1/2 BPSK	135	69	22.16			24.0	0.0	
100	1/2 BPSK	135	138	22.86			23.5	0.5	
100	1/2 BPSK	270	0	22.84					
100	QPSK	1	1	23.00					
100	QPSK	1	137	23.24			24.0	0.0	
100	QPSK	1	271	22.86					
100	QPSK	135	0	22.16			23.0	1.0	
100	QPSK	135	69	22.85			24.0	0.0	
100	QPSK	135	138	22.19			23.0	1.0	
100	QPSK	270	0	22.23					
100	16QAM	1	1	22.06			23.0	1.0	
100	16QAM	1	1	20.45			21.5	2.5	
100	256QAM	1	1	17.67			19.5	4.5	
	Channel			648668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	137	23.02	23.15	23.13	24.0	0.0	
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	23.02	23.14	23.13	24.0	0.0	
	Channel			648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	23.13	23.16	23.05	24.0	0.0	
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	23.02	23.15	23.11	24.0	0.0	
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	23.03	23.16	23.13	24.0	0.0	
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	23.03	23.14	23.13	24.0	0.0	
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	23.02	23.16	23.13	24.0	0.0	
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	23.03	23.15	23.11	24.0	0.0	
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3750	3920.02	(dBm)	(dB)	
20	QPSK	1	137	23.03	23.15	23.11	24.0	0.0	
	Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	23.01	23.11	23.05	24.0	0.0	
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	23.01	23.04	23.08	24.0	0.0	



PC2/3 Part270 n77 Ant2 Main_PA									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	19.94	20.02	20.14			
100	1/2 BPSK	1	137	20.03	20.03	19.95	21.0	0.0	
100	1/2 BPSK	1	271	19.97	20.20	20.07			
100	1/2 BPSK	135	0	20.10	19.97	20.23	21.0	0.0	
100	1/2 BPSK	135	69	20.13	20.12	20.26	21.0	0.0	
100	1/2 BPSK	135	138	20.14	20.02	20.13	21.0	0.0	
100	1/2 BPSK	270	0	20.18	20.04	20.13			
100	QPSK	1	1	20.19	20.18	20.23			
100	QPSK	1	137	20.21	20.24	20.19	21.0	0.0	
100	QPSK	1	271	20.17	19.96	19.94			
100	QPSK	135	0	20.17	20.12	20.14	21.0	0.0	
100	QPSK	135	69	20.13	20.22	20.25	21.0	0.0	
100	QPSK	135	138	20.11	19.99	20.19			
100	QPSK	270	0	20.07	20.16	20.09	21.0	0.0	
100	16QAM	1	1	20.21	20.12	20.10	21.0	0.0	
100	64QAM	1	1	20.12	20.05	20.23	21.0	0.0	
100	256QAM	1	1	17.63	17.61	17.53	19.5	1.5	
Channel				648668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	20.03	20.09	20.10	21.0	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	20.07	20.16	20.09	21.0	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	137	20.03	20.06	20.13	21.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	20.10	20.05	20.13	21.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	20.07	20.07	20.13	21.0	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	20.02	20.11	20.14	21.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	137	20.07	20.08	20.11	21.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	20.15	20.12	20.14	21.0	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	20.02	20.10	20.04	21.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	20.04	20.17	20.06	21.0	0.0	

PC2/3 Part270 n78 Ant2 Main_PA									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	19.60					
100	1/2 BPSK	1	137	19.51			21.0	0.0	
100	1/2 BPSK	1	271	19.43					
100	1/2 BPSK	135	0	19.37			21.0	0.0	
100	1/2 BPSK	135	69	19.40			21.0	0.0	
100	1/2 BPSK	135	138	19.51			21.0	0.0	
100	1/2 BPSK	270	0	19.58					
100	QPSK	1	1	19.61					
100	QPSK	1	137	19.65			21.0	0.0	
100	QPSK	1	271	19.47					
100	QPSK	135	0	19.90			21.0	0.0	
100	QPSK	135	69	19.61			21.0	0.0	
100	QPSK	135	138	19.56			21.0	0.0	
100	QPSK	270	0	19.58			21.0	0.0	
100	16QAM	1	1	19.64			21.0	0.0	
100	64QAM	1	1	19.62			21.0	0.0	
100	256QAM	1	1	17.53			19.5	1.5	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	137	19.55	19.47	19.51	21.0	0.0	
Channel				649334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	19.50	19.55	19.47	21.0	0.0	
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	19.43	19.49	19.55	21.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	19.45	19.60	19.46	21.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	19.46	19.49	19.48	21.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	19.53	19.49	19.42	21.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	19.52	19.48	19.41	21.0	0.0	
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	19.46	19.56	19.52	21.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	19.42	19.53	19.41	21.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	19.50	19.49	19.43	21.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	19.55	19.57	19.39	21.0	0.0	



PC2/3 Part270 n77 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			650000	650000	652000			
	Frequency (MHz)			3750	3840	3930			
100	1/2 BPSK	1	1	20.78	21.05	20.71			
100	1/2 BPSK	1	137	20.45	20.67	20.41	22.0	0.0	
100	1/2 BPSK	1	271	20.73	20.77	20.37			
100	1/2 BPSK	135	0	20.19	20.61	20.27	21.5	0.5	
100	1/2 BPSK	135	69	20.71	20.94	20.58	22.0	0.0	
100	1/2 BPSK	135	138	20.30	20.65	20.47	21.5	0.5	
100	1/2 BPSK	270	0	20.39	20.80	20.37			
100	QPSK	1	1	20.77	21.11	20.57			
100	QPSK	1	137	20.75	21.23	20.89	22.0	0.0	
100	QPSK	1	271	20.64	20.64	20.21			
100	QPSK	135	0	19.65	19.94	19.55	21.0	1.0	
100	QPSK	135	69	20.46	20.68	20.31	22.0	0.0	
100	QPSK	135	138	19.72	19.96	19.65	21.0	1.0	
100	QPSK	270	0	19.80	20.04	19.65			
100	16QAM	1	1	19.86	19.96	19.68	21.0	1.0	
100	64QAM	1	1	18.04	18.50	18.13	19.5	2.5	
100	256QAM	1	1	15.85	16.07	15.69	17.5	4.5	
	Channel			649668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3935.01	22.0	0.0	
90	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
	Channel			649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3942.02	22.0	0.0	
80	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
	Channel			648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3950.01	22.0	0.0	
60	QPSK	1	137	20.65	21.13	20.81	22.0	0.0	
	Channel			643334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3840	3955.02	22.0	0.0	
50	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
	Channel			648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3840	3960	22.0	0.0	
40	QPSK	1	137	20.67	21.15	20.79	22.0	0.0	
	Channel			647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3840	3965.01	22.0	0.0	
30	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
	Channel			647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3840	3967.5	22.0	0.0	
25	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
	Channel			647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3840	3970.02	22.0	0.0	
20	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
	Channel			647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3840	3972.51	22.0	0.0	
15	QPSK	1	137	20.65	21.15	20.81	22.0	0.0	
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3840	3975	22.0	0.0	
10	QPSK	1	137	20.65	21.15	20.80	22.0	0.0	

PC2/3 Part270 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			650000					
	Frequency (MHz)			3750					
100	1/2 BPSK	1	1	20.97					
100	1/2 BPSK	1	137	20.55			22.0	0.0	
100	1/2 BPSK	1	271	20.60					
100	1/2 BPSK	135	0	20.39			21.5	0.5	
100	1/2 BPSK	135	69	20.82			22.0	0.0	
100	1/2 BPSK	135	138	20.54			21.5	0.5	
100	1/2 BPSK	270	0	20.74					
100	QPSK	1	1	20.91					
100	QPSK	1	137	21.16			22.0	0.0	
100	QPSK	1	271	20.61					
100	QPSK	135	0	19.79			21.0	1.0	
100	QPSK	135	69	20.46			22.0	0.0	
100	QPSK	135	138	19.99			21.0	1.0	
100	QPSK	270	0	19.97					
100	16QAM	1	1	19.83			21.0	1.0	
100	64QAM	1	1	18.36			19.5	2.5	
100	256QAM	1	1	15.97			17.5	4.5	
	Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3750	3755.01	22.0	0.0	
90	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3750	3760.02	22.0	0.0	
80	QPSK	1	137	21.05	21.08	21.02	22.0	0.0	
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3735	3750	3765	22.0	0.0	
70	QPSK	1	137	21.13	21.09	21.04	22.0	0.0	
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3750	3770.01	22.0	0.0	
60	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3750	3775.02	22.0	0.0	
50	QPSK	1	137	21.07	21.08	21.01	22.0	0.0	
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3750	3780	22.0	0.0	
40	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3750	3785.01	22.0	0.0	
30	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3750	3787.5	22.0	0.0	
29	QPSK	1	137	21.05	21.08	21.03	22.0	0.0	
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3750	3790.02	22.0	0.0	
20	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
	Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3750	3792.51	22.0	0.0	
19	QPSK	1	137	21.05	21.03	21.04	22.0	0.0	
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3750	3795	22.0	0.0	
10	QPSK	1	137	21.03	21.05	21.02	22.0	0.0	



Reduced Power Mode for DSI6\_Main PA

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	QPSK	1	1	23.09	23.14	23.06	24.0	0.0
20	QPSK	50	29	23.02	23.15	23.08	24.0	0.0
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0

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	QPSK	1	1	23.33	23.36	23.21	24.0	0.0
20	QPSK	50	29	23.27	23.30	23.23	24.0	0.0
20	QPSK	100	0	22.13	22.36	22.23	23.0	1.0





### 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)	MFR (dB)
				50500	50700	50900		
				255	255	245		
50	QPSK	1	1	20.29	20.37	20.22	21.0	0.0
50	QPSK	135	68	20.07	20.35	20.24	21.0	0.0
50	QPSK	270	0	20.21	20.23	20.13	21.0	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				51604	51900	51996		
Frequency (MHz)				2591.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.19	17.96	18.09		
40	PI/2 BPSK	1	53	17.91	18.18	17.92	19.0	0.0
40	PI/2 BPSK	1	104	17.93	18.05	17.92		
40	PI/2 BPSK	50	0	18.18	17.96	18.05	19.0	0.0
40	PI/2 BPSK	50	25	18.14	17.97	17.96	19.0	0.0
40	PI/2 BPSK	50	56	17.96	18.12	17.97		
40	PI/2 BPSK	100	0	18.15	18.02	18.05	19.0	0.0
40	QPSK	1	1	18.20	18.06	17.93		
40	QPSK	1	53	18.09	18.22	18.19	19.0	0.0
40	QPSK	1	104	18.05	18.08	18.18		
40	QPSK	50	0	18.15	18.10	17.93	19.0	0.0
40	QPSK	50	25	18.00	18.18	18.10	19.0	0.0
40	QPSK	50	56	18.04	18.07	18.12		
40	QPSK	100	0	17.91	18.16	18.07	19.0	0.0
40	16QAM	1	1	18.01	18.10	17.97	19.0	0.0
40	64QAM	1	1	17.95	18.17	17.94	19.0	0.0
40	256QAM	1	1	18.07	18.16	18.11	19.0	0.0
Channel				51702	51900	52098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	53	17.91	18.16	18.14	19.0	0.0
Channel				51604	51900	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	53	17.93	18.12	18.02	19.0	0.0
Channel				51600	51900	52200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	53	17.99	18.07	18.10	19.0	0.0
Channel				51502	51900	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	53	17.93	18.07	18.10	19.0	0.0
Channel				51504	51900	52298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2675.02	2595	2614.98		
10	QPSK	1	53	18.04	18.11	18.07	19.0	0.0

n41 PC3 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				50902	51898	52000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.88	17.98	17.79		
100	PI/2 BPSK	1	137	17.77	17.70	17.85	19.0	0.0
100	PI/2 BPSK	1	271	17.81	17.85	17.95		
100	PI/2 BPSK	135	0	17.80	17.86	17.96	19.0	0.0
100	PI/2 BPSK	135	69	17.97	17.89	17.84	19.0	0.0
100	PI/2 BPSK	135	138	17.95	17.85	17.95		
100	PI/2 BPSK	270	0	17.86	17.91	17.92	19.0	0.0
100	QPSK	1	1	17.90	17.96	17.69		
100	QPSK	1	137	17.96	17.99	17.88	19.0	0.0
100	QPSK	1	271	17.93	17.82	17.77		
100	QPSK	135	0	17.87	17.88	17.69	19.0	0.0
100	QPSK	135	69	17.80	17.96	17.85	19.0	0.0
100	QPSK	135	138	17.80	17.88	17.71		
100	QPSK	270	0	17.77	17.91	17.84	19.0	0.0
100	16QAM	1	1	17.76	17.88	17.84	19.0	0.0
100	64QAM	1	1	17.82	17.82	17.77	19.0	0.0
100	256QAM	1	1	17.75	17.70	17.64	19.0	0.0
Channel				50600	51898	52098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	137	17.78	17.84	17.74	19.0	0.0
Channel				50704	51898	52098	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	137	17.50	17.84	17.81	19.0	0.0
Channel				50602	51898	53100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2592.99	2655		
70	QPSK	1	137	17.79	17.91	17.76	19.0	0.0
Channel				50500	51898	53196	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	137	17.82	17.89	17.79	19.0	0.0
Channel				50404	51898	53298	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2664.99		
50	QPSK	1	137	17.86	17.81	17.76	19.0	0.0
Channel				50302	51898	53400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	137	17.61	17.93	17.80	19.0	0.0
Channel				50200	51898	53496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	137	17.79	17.91	17.81	19.0	0.0
Channel				50104	51898	53598	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	137	17.80	17.87	17.73	19.0	0.0
Channel				50000	51898	53696	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2592.99	2682.48		
15	QPSK	1	137	17.90	17.93	17.72	19.0	0.0
Channel				50002	51898	53700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	137	17.85	17.88	17.80	19.0	0.0



PC2/3 Part270 n77 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				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.68	19.83	19.80			
100	PI/2 BPSK	1	137	19.68	19.69	19.77	21.0	0.0	
100	PI/2 BPSK	1	271	19.85	19.81	19.83			
100	PI/2 BPSK	135	0	19.73	19.72	19.82	21.0	0.0	
100	PI/2 BPSK	135	69	19.87	19.85	19.85	21.0	0.0	
100	PI/2 BPSK	135	138	19.84	19.76	19.76	21.0	0.0	
100	PI/2 BPSK	270	0	19.80	19.85	19.76			
100	QPSK	1	1	19.82	19.83	19.83			
100	QPSK	1	137	19.83	19.88	19.81	21.0	0.0	
100	QPSK	1	271	19.79	19.64	19.75			
100	QPSK	135	0	19.83	19.79	19.81	21.0	0.0	
100	QPSK	135	69	19.85	19.86	19.74	21.0	0.0	
100	QPSK	135	138	19.73	19.85	19.78	21.0	0.0	
100	QPSK	270	0	19.74	19.83	19.71			
100	16QAM	1	1	19.78	19.87	19.71	21.0	0.0	
100	64QAM	1	1	19.75	19.68	19.87	21.0	0.0	
100	256QAM	1	1	19.70	19.86	19.86	21.0	0.0	
Channel				648668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	137	19.71	19.74	19.73	0.0	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	137	19.77	19.74	19.73	0.0	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	137	19.71	19.80	19.71	0.0	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	137	19.74	19.75	19.75	0.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	137	19.69	19.80	19.67	0.0	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dB)		
30	QPSK	1	137	19.70	19.80	19.71	0.0	0.0	
Channel				647000	650000	654500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dB)		
25	QPSK	1	137	19.75	19.82	19.70	0.0	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	137	19.75	19.77	19.72	0.0	0.0	
Channel				647000	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	137	19.71	19.73	19.70	0.0	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	137	19.70	19.78	19.74	0.0	0.0	

PC2/3 Part270 n78 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				65000	65000	65000			
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	19.64					
100	PI/2 BPSK	1	137	19.60			21.0	0.0	
100	PI/2 BPSK	1	271	19.82					
100	PI/2 BPSK	135	0	19.69			21.0	0.0	
100	PI/2 BPSK	135	69	19.58			21.0	0.0	
100	PI/2 BPSK	135	138	19.57			21.0	0.0	
100	PI/2 BPSK	270	0	19.71					
100	QPSK	1	1	19.51					
100	QPSK	1	137	19.74			21.0	0.0	
100	QPSK	1	271	19.56					
100	QPSK	135	0	19.69			21.0	0.0	
100	QPSK	135	69	19.71			21.0	0.0	
100	QPSK	135	138	19.63			21.0	0.0	
100	QPSK	270	0	19.65					
100	16QAM	1	1	19.66			21.0	0.0	
100	64QAM	1	1	19.73			21.0	0.0	
100	256QAM	1	1	19.72			21.0	0.0	
Channel				648668	650000	652324	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	(dB)		
90	QPSK	1	137	19.59	19.68	19.58	21.0	0.0	
Channel				649334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	(dB)		
80	QPSK	1	137	19.57	19.65	19.64	21.0	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dB)		
70	QPSK	1	137	19.46	19.71	19.68	21.0	0.0	
Channel				648668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	(dB)		
60	QPSK	1	137	19.64	19.63	19.63	21.0	0.0	
Channel				648334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	(dB)		
50	QPSK	1	137	19.58	19.66	19.62	21.0	0.0	
Channel				648000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	(dB)		
40	QPSK	1	137	19.57	19.62	19.61	21.0	0.0	
Channel				647668	650000	655334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	(dB)		
30	QPSK	1	137	19.60	19.61	19.60	21.0	0.0	
Channel				647000	650000	655500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	(dB)		
25	QPSK	1	137	19.57	19.68	19.60	21.0	0.0	
Channel				647334	650000	655668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	(dB)		
20	QPSK	1	137	19.58	19.62	19.61	21.0	0.0	
Channel				647168	650000	655834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	(dB)		
15	QPSK	1	137	19.60	19.61	19.63	21.0	0.0	
Channel				647000	650000	656000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dB)		
10	QPSK	1	137	19.64	19.66	19.63	21.0	0.0	



PC2/3 Part270 n77 Ant1 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				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPSK	1	1	21.32	21.29	21.47			
100	1/2 BPSK	1	137	21.38	21.32	21.42	22.0	0.0	
100	1/2 BPSK	1	271	21.39	21.41	21.19			
100	1/2 BPSK	135	0	21.35	21.42	21.26	22.0	0.0	
100	1/2 BPSK	135	69	21.41	21.19	21.19	22.0	0.0	
100	1/2 BPSK	135	138	21.41	21.38	21.42	22.0	0.0	
100	1/2 BPSK	270	0	21.38	21.34	21.34			
100	QPSK	1	1	21.28	21.41	21.39			
100	QPSK	1	137	21.30	21.49	21.42	22.0	0.0	
100	QPSK	1	271	21.24	21.29	21.32			
100	QPSK	135	0	21.45	21.22	21.20	22.0	0.0	
100	QPSK	135	69	21.22	21.47	21.22	22.0	0.0	
100	QPSK	135	138	21.42	21.28	21.33	22.0	0.0	
100	QPSK	270	0	21.21	21.44	21.29			
100	16QAM	1	1	21.48	21.39	21.36	22.0	0.0	
100	64QAM	1	1	20.61	20.77	20.46	21.5	0.5	
100	256QAM	1	1	17.53	17.75	17.70	19.5	2.5	
Channel				649668	650000	650314	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	137	21.11	21.23	21.11	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	137	21.22	21.31	21.17	22.0	0.0	
Channel				648668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3750.02	3840	3950.01	(dBm)	(dB)	
80	QPSK	1	137	21.11	21.40	21.19	22.0	0.0	
Channel				648334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	137	21.20	21.28	21.25	22.0	0.0	
Channel				648000	650000	650300	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	137	20.98	21.26	21.31	22.0	0.0	
Channel				647668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	137	21.10	21.35	21.21	22.0	0.0	
Channel				647300	650000	650600	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	137	21.02	21.20	21.29	22.0	0.0	
Channel				647334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	137	21.08	21.33	21.26	22.0	0.0	
Channel				647168	650000	650934	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	137	21.20	21.27	21.25	22.0	0.0	
Channel				647000	650000	650000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	137	21.06	21.24	21.25	22.0	0.0	

PC2/3 Part270 n78 Ant1 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				65000	65000	65000			
Frequency (MHz)				3750	3750	3750			
100	1/2 BPSK	1	1	21.22					
100	1/2 BPSK	1	137	21.25			22.0	0.0	
100	1/2 BPSK	1	271	21.06					
100	1/2 BPSK	135	0	21.29			22.0	0.0	
100	1/2 BPSK	135	69	21.22			22.0	0.0	
100	1/2 BPSK	135	138	21.31			22.0	0.0	
100	1/2 BPSK	270	0	21.31					
100	QPSK	1	1	21.14					
100	QPSK	1	137	21.32			22.0	0.0	
100	QPSK	1	271	21.30					
100	QPSK	135	0	21.15			22.0	0.0	
100	QPSK	135	69	21.28			22.0	0.0	
100	QPSK	135	138	21.18			22.0	0.0	
100	QPSK	270	0	21.26					
100	16QAM	1	1	21.27			22.0	0.0	
100	64QAM	1	1	20.45			21.5	0.5	
100	256QAM	1	1	17.57			19.5	2.5	
Channel				649668	650000	650314	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	137	21.04	21.02	21.05	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	137	21.10	21.07	21.02	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	137	21.13	21.25	21.29	22.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	137	20.99	21.19	20.98	22.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	137	21.09	21.11	21.07	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	137	21.14	21.16	21.04	22.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	137	21.07	21.13	21.04	22.0	0.0	
Channel				647300	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	137	21.09	21.15	21.03	22.0	0.0	
Channel				647334	650000	652968	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	137	21.08	21.24	20.99	22.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	137	21.12	21.15	20.94	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	137	21.18	21.07	21.07	22.0	0.0	



PC2/3 Part270 n77 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			650000	650000	652000		
	Frequency (MHz)			3720	3840	3930		
100	1/2 BPSK	1	1	19.94	20.02	20.14		
100	1/2 BPSK	1	137	20.03	20.03	19.95	21.0	0.0
100	1/2 BPSK	1	271	19.97	20.20	20.07		
100	1/2 BPSK	135	0	20.10	19.97	20.23	21.0	0.0
100	1/2 BPSK	135	69	20.13	20.12	20.20	21.0	0.0
100	1/2 BPSK	135	138	20.14	20.02	20.13	21.0	0.0
100	1/2 BPSK	270	0	20.18	20.04	20.13		
100	QPSK	1	1	20.19	20.18	20.23		
100	QPSK	1	137	20.21	20.24	20.19	21.0	0.0
100	QPSK	1	271	20.17	19.96	19.94		
100	QPSK	135	0	20.17	20.12	20.14	21.0	0.0
100	QPSK	135	69	20.13	20.22	20.05	21.0	0.0
100	QPSK	135	138	20.11	19.99	20.19		
100	QPSK	270	0	20.07	20.16	20.09	21.0	0.0
100	16QAM	1	1	20.21	20.12	20.10	21.0	0.0
100	16QAM	1	1	20.12	20.05	20.23	21.0	0.0
100	256QAM	1	1	17.63	17.61	17.53	19.5	1.5
	Channel			649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	137	20.03	20.09	20.10	21.0	0.0
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	137	20.07	20.16	20.02	21.0	0.0
	Channel			649668	650000	653334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	137	20.03	20.06	20.13	21.0	0.0
	Channel			648334	650000	663668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	137	20.10	20.05	20.13	21.0	0.0
	Channel			649300	650000	664000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	137	20.07	20.07	20.13	21.0	0.0
	Channel			647668	650000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	137	20.02	20.11	20.14	21.0	0.0
	Channel			649500	650000	664500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	137	20.07	20.08	20.11	21.0	0.0
	Channel			647334	650000	664668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	137	20.15	20.12	20.14	21.0	0.0
	Channel			647196	650000	664834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	137	20.02	20.10	20.04	21.0	0.0
	Channel			647000	650000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	137	20.04	20.17	20.06	21.0	0.0

PC2/3 Part270 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			650000	650000	652000		
	Frequency (MHz)			3750	3840	3930		
100	1/2 BPSK	1	1	19.60				
100	1/2 BPSK	1	137	19.51			21.0	0.0
100	1/2 BPSK	1	271	19.43				
100	1/2 BPSK	135	0	19.37			21.0	0.0
100	1/2 BPSK	135	69	19.49			21.0	0.0
100	1/2 BPSK	135	138	19.51			21.0	0.0
100	1/2 BPSK	270	0	19.59				
100	QPSK	1	1	19.61				
100	QPSK	1	137	19.65			21.0	0.0
100	QPSK	1	271	19.47				
100	QPSK	135	0	19.60			21.0	0.0
100	QPSK	135	69	19.61			21.0	0.0
100	QPSK	135	138	19.58			21.0	0.0
100	QPSK	270	0	19.58				
100	16QAM	1	1	19.64			21.0	0.0
100	16QAM	1	1	19.62			21.0	0.0
100	256QAM	1	1	17.53			19.5	1.5
	Channel			649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3755.01		
90	QPSK	1	137	19.55	19.47	19.51	21.0	0.0
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3750	3760.02		
80	QPSK	1	137	19.50	19.55	19.47	21.0	0.0
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	137	19.62	19.55	19.52	21.0	0.0
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3770.01		
60	QPSK	1	137	19.45	19.60	19.46	21.0	0.0
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3775.02		
50	QPSK	1	137	19.46	19.49	19.48	21.0	0.0
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	137	19.53	19.49	19.42	21.0	0.0
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3785.01		
30	QPSK	1	137	19.52	19.48	19.41	21.0	0.0
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3750	3787.5		
25	QPSK	1	137	19.46	19.56	19.52	21.0	0.0
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3790.02		
20	QPSK	1	137	19.42	19.53	19.41	21.0	0.0
	Channel			647196	650000	652834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.51		
15	QPSK	1	137	19.50	19.49	19.43	21.0	0.0
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	137	19.55	19.57	19.39	21.0	0.0



PC2/3 Part270 n77 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				650000	659000	662000			
Frequency (MHz)				3750	3840	3930			
100	1/2 BPS	1	1	20.78	21.05	20.71			
100	1/2 BPS	1	137	20.45	20.67	20.41	22.0	0.0	
100	1/2 BPS	1	271	20.73	20.77	20.57			
100	1/2 BPS	135	0	20.19	20.81	20.27	21.5	0.5	
100	1/2 BPS	135	69	20.71	20.94	20.58	22.0	0.0	
100	1/2 BPS	135	138	20.30	20.65	20.47	21.5	0.5	
100	1/2 BPS	270	0	20.39	20.80	20.37			
100	QPSK	1	1	20.77	21.11	20.57			
100	QPSK	1	137	20.75	21.22	20.89	22.0	0.0	
100	QPSK	1	271	20.54	20.64	20.21			
100	QPSK	135	0	19.65	19.94	19.55	21.0	1.0	
100	QPSK	135	69	20.46	20.69	20.31	22.0	0.0	
100	QPSK	135	138	19.72	19.96	19.65	21.0	1.0	
100	QPSK	270	0	19.80	20.04	19.65			
100	16QAM	1	1	19.86	19.96	19.68	21.0	1.0	
100	64QAM	1	1	18.94	18.58	18.13	19.5	2.5	
100	256QAM	1	1	15.85	16.07	15.69	17.5	4.5	
Channel				649668	659000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				649334	659000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
Channel				649668	659000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	137	20.65	21.13	20.81	22.0	0.0	
Channel				649334	659000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	20.65	21.14	20.79	22.0	0.0	
Channel				649000	659000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	20.67	21.15	20.79	22.0	0.0	
Channel				647668	659000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
Channel				647500	659000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	137	20.65	21.14	20.80	22.0	0.0	
Channel				647334	659000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	20.65	21.15	20.79	22.0	0.0	
Channel				647168	659000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	20.65	21.15	20.81	22.0	0.0	
Channel				647000	659000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	20.65	21.15	20.80	22.0	0.0	

PC2/3 Part270 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				650000					
Frequency (MHz)				3750					
100	1/2 BPS	1	1	20.97					
100	1/2 BPS	1	137	20.55			22.0	0.0	
100	1/2 BPS	1	271	20.80					
100	1/2 BPS	135	0	20.39			21.5	0.5	
100	1/2 BPS	135	69	20.82			22.0	0.0	
100	1/2 BPS	135	138	20.54			21.5	0.5	
100	1/2 BPS	270	0	20.74					
100	QPSK	1	1	20.91					
100	QPSK	1	137	21.16			22.0	0.0	
100	QPSK	1	271	20.51					
100	QPSK	135	0	19.79			21.0	1.0	
100	QPSK	135	69	20.48			22.0	0.0	
100	QPSK	135	138	19.99			21.0	1.0	
100	QPSK	270	0	19.97					
100	16QAM	1	1	19.83			21.0	1.0	
100	64QAM	1	1	18.36			19.5	2.5	
100	256QAM	1	1	15.97			17.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	21.05	21.08	21.02	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	21.11	21.06	21.02	20.0	1.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	21.06	21.08	21.01	22.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	21.07	21.08	21.01	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	21.08	21.08	21.01	22.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	21.07	21.08	21.03	22.0	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	21.06	21.08	21.03	22.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	21.06	21.06	21.01	22.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	21.05	21.03	21.04	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	21.03	21.05	21.02	22.0	0.0	



### Reduced Power Mode for DSI7\_Main PA

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)								
				166.5	167.0	167.5		
20	QPSK	1	1	23.09	23.14	23.06	24.0	0.0
20	QPSK	50	28	23.02	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.09	22.12	22.00	23.0	1.0

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)								
				164.5	166.0	167.5		
20	QPSK	1	1	23.33	23.36	23.21	24.0	0.0
20	QPSK	50	28	23.27	23.30	23.23	24.0	0.0
20	QPSK	100	0	22.13	22.36	22.23	23.0	1.0



### 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)	MFR (dB)
	Channel			506000	507500	509000		
	Frequency (MHz)			2535	2535	2545		
50	QPSK	1	1	17.91	17.99	17.87	19.0	0.0
50	QPSK	135	68	17.72	17.97	17.90	19.0	0.0
50	QPSK	270	0	17.73	17.82	17.79	19.0	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	519596			
Frequency (MHz)				2590.02	2595	2599.98			
40	Pi/2 BPSK	1	1	11.16	11.14	11.15			
40	Pi/2 BPSK	1	53	11.14	11.24	11.21	12.5	0.0	
40	Pi/2 BPSK	1	104	11.29	11.40	11.39			
40	Pi/2 BPSK	50	0	11.33	11.28	11.36	12.5	0.0	
40	Pi/2 BPSK	50	28	11.31	11.16	11.14	12.5	0.0	
40	Pi/2 BPSK	50	56	11.36	11.16	11.23			
40	Pi/2 BPSK	100	0	11.21	11.31	11.34	12.5	0.0	
40	QPSK	1	1	11.13	11.33	11.38			
40	QPSK	1	53	11.36	11.42	11.27	12.5	0.0	
40	QPSK	1	104	11.12	11.22	11.37			
40	QPSK	50	0	11.21	11.36	11.29	12.5	0.0	
40	QPSK	50	28	11.31	11.39	11.15	12.5	0.0	
40	QPSK	50	56	11.33	11.30	11.38			
40	QPSK	100	0	11.24	11.35	11.28	12.5	0.0	
40	16QAM	1	1	11.25	11.24	11.39	12.5	0.0	
40	64QAM	1	1	11.40	11.15	11.33	12.5	0.0	
40	256QAM	1	1	11.31	11.25	11.23	12.5	0.0	
Channel				511002	519000	520398	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2595	2604.99			
30	QPSK	1	53	11.23	11.30	11.14	12.5	0.0	
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2582.52	2595	2607.48			
25	QPSK	1	53	11.28	11.32	11.15	12.5	0.0	
Channel				515000	519000	522098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	53	11.31	11.30	11.21	12.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2614.49			
15	QPSK	1	53	11.24	11.31	11.19	12.5	0.0	
Channel				515004	519000	522398	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	53	11.24	11.31	11.19	12.5	0.0	

n41 PC3 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				505202	518598	526200			
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi/2 BPSK	1	1	11.20	11.30	11.37			
100	Pi/2 BPSK	1	137	11.24	11.28	11.22	12.5	0.0	
100	Pi/2 BPSK	1	271	11.40	11.40	11.21			
100	Pi/2 BPSK	135	0	11.47	11.43	11.40	12.5	0.0	
100	Pi/2 BPSK	135	69	11.22	11.16	11.38	12.5	0.0	
100	Pi/2 BPSK	135	138	11.23	11.23	11.19			
100	Pi/2 BPSK	270	0	11.28	11.40	11.46	12.5	0.0	
100	QPSK	1	1	11.23	11.21	11.41			
100	QPSK	1	137	11.46	11.51	11.44	12.5	0.0	
100	QPSK	1	271	11.35	11.39	11.28			
100	QPSK	135	0	11.28	11.24	11.41	12.5	0.0	
100	QPSK	135	69	11.33	11.48	11.19	12.5	0.0	
100	QPSK	135	138	11.36	11.40	11.29			
100	QPSK	270	0	11.27	11.42	11.36	12.5	0.0	
100	16QAM	1	1	11.19	11.41	11.39	12.5	0.0	
100	64QAM	1	1	11.47	11.48	11.37	12.5	0.0	
100	256QAM	1	1	11.42	11.39	11.29	12.5	0.0	
Channel				503200	518598	526398	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	137	11.34	11.42	11.39	12.5	0.0	
Channel				507204	518598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	137	11.30	11.42	11.28	12.5	0.0	
Channel				508202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	137	11.34	11.43	11.34	12.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	137	11.36	11.39	11.34	12.5	0.0	
Channel				504204	518598	532398	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	137	11.40	11.41	11.38	12.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	137	11.29	11.36	11.37	12.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	137	11.30	11.32	11.37	12.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	137	11.39	11.43	11.36	12.5	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2683.49			
15	QPSK	1	137	11.37	11.35	11.36	12.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	137	11.30	11.38	11.36	12.5	0.0	



PC3/2 Part270 n77 Ant5 Main_PA							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				65000	65000	65000	
Frequency (MHz)				3720	3840	3930	
100	PI/2 BPSK	1	1	16.67	16.71	16.83	
100	PI/2 BPSK	1	137	16.72	16.82	16.72	18.0
100	PI/2 BPSK	1	271	16.66	16.69	16.77	
100	PI/2 BPSK	135	0	16.83	16.78	16.80	18.0
100	PI/2 BPSK	135	69	16.90	16.72	16.90	18.0
100	PI/2 BPSK	135	138	16.86	16.71	16.77	18.0
100	PI/2 BPSK	270	0	16.62	16.71	16.76	
100	QPSK	1	1	16.81	16.78	16.78	
100	QPSK	1	137	16.85	16.89	16.75	18.0
100	QPSK	1	271	16.75	16.73	16.82	
100	QPSK	135	0	16.62	16.83	16.71	18.0
100	QPSK	135	69	16.79	16.87	16.70	18.0
100	QPSK	135	138	16.80	16.62	16.70	
100	QPSK	270	0	16.80	16.82	16.61	18.0
100	16QAM	1	1	16.84	16.73	16.77	18.0
100	64QAM	1	1	16.79	16.83	16.71	18.0
100	256QAM	1	1	16.67	16.78	16.87	18.0
Channel				64999	65000	65000	
Frequency (MHz)				3745.02	3840	3935.01	
90	QPSK	1	137	16.73	16.84	16.59	0.0
Channel				649334	650000	652668	
Frequency (MHz)				3740.01	3840	3940.02	
80	QPSK	1	137	16.76	16.73	16.60	0.0
Channel				649568	650000	653334	
Frequency (MHz)				3730.02	3840	3950.01	
60	QPSK	1	137	16.69	16.74	16.65	0.0
Channel				648334	650000	653668	
Frequency (MHz)				3725.01	3840	3955.02	
50	QPSK	1	137	16.73	16.71	16.62	0.0
Channel				649300	650000	654000	
Frequency (MHz)				3720	3840	3960	
40	QPSK	1	137	16.75	16.77	16.63	0.0
Channel				647668	650000	654334	
Frequency (MHz)				3715.02	3840	3965.01	
30	QPSK	1	137	16.76	16.76	16.66	0.0
Channel				647500	650000	654500	
Frequency (MHz)				3712.5	3840	3967.5	
25	QPSK	1	137	16.77	16.80	16.60	0.0
Channel				647334	650000	654668	
Frequency (MHz)				3710.01	3840	3970.02	
20	QPSK	1	137	16.73	16.80	16.70	0.0
Channel				647168	650000	654834	
Frequency (MHz)				3707.52	3840	3972.51	
15	QPSK	1	137	16.71	16.74	16.56	0.0
Channel				647000	650000	655000	
Frequency (MHz)				3705	3840	3975	
10	QPSK	1	137	16.68	16.72	16.69	0.0

PC3/2 Part270 n78 Ant5 Main_PA							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				65000	65000	65000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.58			
100	PI/2 BPSK	1	137	16.56			18.0
100	PI/2 BPSK	1	271	16.60			
100	PI/2 BPSK	135	0	16.49			18.0
100	PI/2 BPSK	135	69	16.44			18.0
100	PI/2 BPSK	135	138	16.71			18.0
100	PI/2 BPSK	270	0	16.67			18.0
100	QPSK	1	1	16.62			
100	QPSK	1	137	16.73			18.0
100	QPSK	1	271	16.54			
100	QPSK	135	0	16.49			18.0
100	QPSK	135	69	16.70			18.0
100	QPSK	135	138	16.64			18.0
100	QPSK	270	0	16.69			18.0
100	16QAM	1	1	16.58			18.0
100	64QAM	1	1	16.48			18.0
100	256QAM	1	1	16.72			18.0
Channel				649668	650000	650334	
Frequency (MHz)				3745.02	3750	3755.01	
90	QPSK	1	137	16.36	16.48	16.39	18.0
Channel				649334	650000	650668	
Frequency (MHz)				3740.01	3750	3760.02	
80	QPSK	1	137	16.37	16.47	16.38	18.0
Channel				649500	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	QPSK	1	137	16.56	16.63	16.52	18.0
Channel				648668	650000	651334	
Frequency (MHz)				3730.02	3750	3770.01	
60	QPSK	1	137	16.38	16.44	16.39	18.0
Channel				648334	650000	651668	
Frequency (MHz)				3725.01	3750	3775.02	
50	QPSK	1	137	16.47	16.48	16.39	18.0
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	QPSK	1	137	16.40	16.50	16.48	18.0
Channel				647668	650000	652334	
Frequency (MHz)				3715.02	3750	3785.01	
30	QPSK	1	137	16.37	16.50	16.41	18.0
Channel				647500	650000	652500	
Frequency (MHz)				3712.5	3750	3787.5	
25	QPSK	1	137	16.41	16.45	16.40	18.0
Channel				647334	650000	652668	
Frequency (MHz)				3710.01	3750	3790.02	
20	QPSK	1	137	16.40	16.48	16.45	18.0
Channel				647168	650000	652834	
Frequency (MHz)				3707.52	3750	3792.51	
15	QPSK	1	137	16.40	16.45	16.49	18.0
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	137	16.41	16.47	16.43	18.0



PC2/3 Part270 n77 Ant1 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			65000	65000	65000			
	Frequency (MHz)			3750	3840	3930			
100	PI/2 BPSK	1	1	19.41	19.34	19.25			
100	PI/2 BPSK	1	137	19.42	19.28	19.23	20.0	0.0	
100	PI/2 BPSK	1	271	19.41	19.34	19.47			
100	PI/2 BPSK	135	0	19.43	19.24	19.28	20.0	0.0	
100	PI/2 BPSK	135	69	19.47	19.31	19.26	20.0	0.0	
100	PI/2 BPSK	135	138	19.39	19.24	19.34	20.0	0.0	
100	PI/2 BPSK	270	0	19.44	19.36	19.23			
100	QPSK	1	1	19.42	19.26	19.30			
100	QPSK	1	137	19.46	19.48	19.41	20.0	0.0	
100	QPSK	1	271	19.43	19.26	19.43			
100	QPSK	135	0	19.45	19.31	19.30	20.0	0.0	
100	QPSK	135	69	19.36	19.46	19.28	20.0	0.0	
100	QPSK	135	138	19.38	19.27	19.41	20.0	0.0	
100	QPSK	270	0	19.26	19.43	19.42			
100	16QAM	1	1	19.29	19.36	19.32	20.0	0.0	
100	64QAM	1	1	19.36	19.41	19.25	20.0	0.0	
100	256QAM	1	1	17.53	17.75	17.70	19.5	0.5	
	Channel			648668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3935.01			
90	QPSK	1	137	19.37	19.42	19.35	20.0	0.0	
	Channel			648334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3940.02			
80	QPSK	1	137	19.32	19.37	19.27	20.0	0.0	
	Channel			648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3950.01			
60	QPSK	1	137	19.37	19.34	19.32	20.0	0.0	
	Channel			648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3840	3955.02			
50	QPSK	1	137	19.37	19.43	19.31	20.0	0.0	
	Channel			648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3940	3960			
40	QPSK	1	137	19.39	19.37	19.30	20.0	0.0	
	Channel			647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3840	3965.01			
30	QPSK	1	137	19.38	19.42	19.29	20.0	0.0	
	Channel			647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3940	3967.5			
25	QPSK	1	137	19.33	19.43	19.27	20.0	0.0	
	Channel			647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3840	3970.02			
20	QPSK	1	137	19.32	19.36	19.36	20.0	0.0	
	Channel			647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3940	3972.51			
15	QPSK	1	137	19.36	19.43	19.30	20.0	0.0	
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3840	3975			
10	QPSK	1	137	19.35	19.33	19.30	20.0	0.0	

PC2/3 Part270 n78 Ant1 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			65000	65000	65000			
	Frequency (MHz)			3750					
100	PI/2 BPSK	1	1		19.26				
100	PI/2 BPSK	1	137		19.12		20.0	0.0	
100	PI/2 BPSK	1	271		19.16				
100	PI/2 BPSK	135	0		19.10		20.0	0.0	
100	PI/2 BPSK	135	69		19.16		20.0	0.0	
100	PI/2 BPSK	135	138		19.09		20.0	0.0	
100	PI/2 BPSK	270	0		19.16				
100	QPSK	1	1		19.29				
100	QPSK	1	137		19.31		20.0	0.0	
100	QPSK	1	271		19.25				
100	QPSK	135	0		19.28		20.0	0.0	
100	QPSK	135	69		19.29		20.0	0.0	
100	QPSK	135	138		19.27		20.0	0.0	
100	QPSK	270	0		19.25				
100	16QAM	1	1		19.09		20.0	0.0	
100	64QAM	1	1		19.21		20.0	0.0	
100	256QAM	1	1		17.67		19.5	0.5	
	Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3745.02	3750	3755.01			
90	QPSK	1	137	19.10	19.21	19.14	20.0	0.0	
	Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3740.01	3750	3760.02			
80	QPSK	1	137	19.12	19.14	19.14	20.0	0.0	
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3735	3750	3765			
70	QPSK	1	137	19.29	19.24	19.16	20.0	0.0	
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3730.02	3750	3770.01			
60	QPSK	1	137	19.07	19.18	19.15	20.0	0.0	
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3725.01	3750	3775.02			
50	QPSK	1	137	19.07	19.23	19.14	20.0	0.0	
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3720	3750	3780			
40	QPSK	1	137	19.09	19.16	19.18	20.0	0.0	
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3715.02	3750	3785.01			
30	QPSK	1	137	19.13	19.16	19.18	20.0	0.0	
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3712.5	3750	3790.02			
25	QPSK	1	137	19.16	19.15	19.19	20.0	0.0	
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3710.01	3750	3792.02			
20	QPSK	1	137	19.08	19.20	19.18	20.0	0.0	
	Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3707.52	3750	3792.51			
15	QPSK	1	137	19.13	19.18	19.15	20.0	0.0	
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			3705	3750	3795			
10	QPSK	1	137	19.11	19.16	19.16	20.0	0.0	



PC2/3 Part270 n77 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)
				65000	65000	65000		
				3750	3840	3930		
	Frequency (MHz)							
100	PI/2 BPSK	1	1	18.64	18.59	18.63		
100	PI/2 BPSK	1	137	18.47	18.65	18.52	19.5	0.0
100	PI/2 BPSK	1	271	18.48	18.70	18.46		
100	PI/2 BPSK	135	0	18.70	18.70	18.73	19.5	0.0
100	PI/2 BPSK	135	69	18.72	18.66	18.57	19.5	0.0
100	PI/2 BPSK	135	138	18.61	18.47	18.71	19.5	0.0
100	PI/2 BPSK	270	0	18.52	18.52	18.49		
100	QPSK	1	1	18.53	18.65	18.55		
100	QPSK	1	137	18.49	18.75	18.66	19.5	0.0
100	QPSK	1	271	18.51	18.60	18.69		
100	QPSK	135	0	18.67	18.47	18.53	19.5	0.0
100	QPSK	135	69	18.69	18.75	18.69	19.5	0.0
100	QPSK	135	138	18.47	18.51	18.47	19.5	0.0
100	QPSK	270	0	18.57	18.68	18.63		
100	16QAM	1	1	18.61	18.71	18.63	19.5	0.0
100	64QAM	1	1	18.70	18.55	18.58	19.5	0.0
100	256QAM	1	1	17.63	17.61	17.53	19.5	0.0
	Channel			649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	137	18.31	18.58	18.56	19.5	0.0
	Channel			649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	137	18.31	18.67	18.55	19.5	0.0
	Channel			649668	650000	653334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	137	18.39	18.64	18.59	19.5	0.0
	Channel			648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	137	18.35	18.67	18.52	19.5	0.0
	Channel			648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	137	18.35	18.67	18.61	19.5	0.0
	Channel			647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	137	18.33	18.60	18.53	19.5	0.0
	Channel			647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3840	3967.5		
25	QPSK	1	137	18.37	18.65	18.60	19.5	0.0
	Channel			647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	137	18.39	18.57	18.52	19.5	0.0
	Channel			647500	650000	654834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	137	18.31	18.66	18.51	19.5	0.0
	Channel			647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	137	18.43	18.58	18.53	19.5	0.0

PC2/3 Part270 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)
				65000	65000	65000		
				3750	3750	3750		
	Frequency (MHz)							
100	PI/2 BPSK	1	1	18.31				
100	PI/2 BPSK	1	137	18.41			19.5	0.0
100	PI/2 BPSK	1	271	18.36				
100	PI/2 BPSK	135	0	18.34			19.5	0.0
100	PI/2 BPSK	135	69	18.49			19.5	0.0
100	PI/2 BPSK	135	138	18.59			19.5	0.0
100	PI/2 BPSK	270	0	18.42				
100	QPSK	1	1	18.37				
100	QPSK	1	137	18.61			19.5	0.0
100	QPSK	1	271	18.42				
100	QPSK	135	0	18.49			19.5	0.0
100	QPSK	135	69	18.55			19.5	0.0
100	QPSK	135	138	18.45			19.5	0.0
100	QPSK	270	0	18.52				
100	16QAM	1	1	18.45			19.5	0.0
100	64QAM	1	1	18.58			19.5	0.0
100	256QAM	1	1	17.53			19.5	0.0
	Channel			649668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3750	3765.01		
90	QPSK	1	137	18.36	18.50	18.31	19.5	0.0
	Channel			649334	650000	656668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3750	3760.02		
80	QPSK	1	137	18.34	18.48	18.35	19.5	0.0
	Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	137	18.31	18.39	18.33	19.5	0.0
	Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3750	3770.01		
60	QPSK	1	137	18.41	18.56	18.53	19.5	0.0
	Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3750	3775.02		
50	QPSK	1	137	18.38	18.60	18.53	19.5	0.0
	Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	137	18.36	18.52	18.31	19.5	0.0
	Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3750	3785.01		
30	QPSK	1	137	18.32	18.48	18.28	19.5	0.0
	Channel			647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3712.5	3750	3787.5		
25	QPSK	1	137	18.31	18.51	18.27	19.5	0.0
	Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3750	3790.02		
20	QPSK	1	137	18.33	18.51	18.38	19.5	0.0
	Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.51		
15	QPSK	1	137	18.42	18.56	18.51	19.5	0.0
	Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	137	18.38	18.44	18.37	19.5	0.0



PC2/3 Part270 n77 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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	15.60	15.80	15.63			
100	Pi/2 BPSK	1	137	15.74	15.55	15.66	16.5	0.0	
100	Pi/2 BPSK	1	271	15.57	15.78	15.76			
100	Pi/2 BPSK	135	0	15.52	15.78	15.53	16.5	0.0	
100	Pi/2 BPSK	135	69	15.61	15.65	15.73	16.5	0.0	
100	Pi/2 BPSK	135	138	15.77	15.69	15.77	16.5	0.0	
100	Pi/2 BPSK	270	0	15.59	15.62	15.67			
100	QPSK	1	1	15.59	15.59	15.76			
100	QPSK	1	137	15.79	15.61	15.76	16.5	0.0	
100	QPSK	1	271	15.53	15.79	15.71			
100	QPSK	135	0	15.75	15.59	15.58	16.5	0.0	
100	QPSK	135	69	15.67	15.77	15.71	16.5	0.0	
100	QPSK	135	138	15.67	15.70	15.69	16.5	0.0	
100	QPSK	270	0	15.68	15.73	15.71			
100	16QAM	1	1	15.52	15.59	15.79	16.5	0.0	
100	64QAM	1	1	15.62	15.61	15.59	16.5	0.0	
100	256QAM	1	1	15.73	15.65	15.64	16.5	0.0	
Channel				649668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	137	15.70	15.71	15.67	16.5	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	137	15.70	15.74	15.64	16.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	137	15.69	15.69	15.63	16.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	137	15.69	15.70	15.69	16.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	137	15.68	15.69	15.67	16.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	137	15.68	15.70	15.64	16.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	137	15.72	15.72	15.64	16.5	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	137	15.67	15.70	15.61	16.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	137	15.73	15.68	15.70	16.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	137	15.68	15.69	15.66	16.5	0.0	

PC2/3 Part270 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				650000					
Frequency (MHz)				3750					
100	Pi/2 BPSK	1	1	15.70					
100	Pi/2 BPSK	1	137	15.62			16.5	0.0	
100	Pi/2 BPSK	1	271	15.56					
100	Pi/2 BPSK	135	0	15.68			16.5	0.0	
100	Pi/2 BPSK	135	69	15.57			16.5	0.0	
100	Pi/2 BPSK	135	138	15.49			16.5	0.0	
100	Pi/2 BPSK	270	0	15.45					
100	QPSK	1	1	15.46					
100	QPSK	1	137	15.76			16.5	0.0	
100	QPSK	1	271	15.59					
100	QPSK	135	0	15.45			16.5	0.0	
100	QPSK	135	69	15.74			16.5	0.0	
100	QPSK	135	138	15.51			16.5	0.0	
100	QPSK	270	0	15.65					
100	16QAM	1	1	15.55			16.5	0.0	
100	64QAM	1	1	15.46			16.5	0.0	
100	256QAM	1	1	15.59			16.5	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
80	QPSK	1	137	15.73	15.75	15.69	16.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	137	15.67	15.73	15.58	16.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	137	15.61	15.74	15.68	16.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	137	15.64	15.66	15.59	16.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	137	15.62	15.71	15.60	16.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	137	15.72	15.67	15.68	16.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	137	15.66	15.64	15.67	16.5	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	137	15.64	15.66	15.59	16.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	137	15.61	15.75	15.66	16.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	137	15.72	15.72	15.59	16.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	137	15.63	15.71	15.69	16.5	0.0	



<2.4GHz WLAN>

Art 6		Full power Standalone for Extremity			Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
2.4GHz WLAN	802.11b 6Mbps	1	2412	18.58	20.0	17.53	19.0	13.55	15.0	99.30
		6	2437	18.67	20.0	17.72	19.0	13.74	15.0	
		11	2462	18.71	20.0	17.76	19.0	13.89	15.0	
	802.11g 6Mbps	1	2412	18.07	17.5	14.89	17.5		15.0	98.00
		2	2417	17.86	19.0	14.51	17.5		15.0	
		6	2437	14.01	15.5	17.08	15.5		15.0	
	802.11n-HT40 MCSO	1	2412	13.66	15.0			Not request	15.0	97.00
		2	2417	17.03	18.5			18.5	15.0	
		6	2437	17.35	18.5			18.5	15.0	
		10	2467	17.47	19.0			19.0	15.0	
		11	2462	11.03	12.5			12.5	12.5	
		3	2422	13.34	14.5			14.5	14.5	
802.11n-HT40 MCSO	4	2427	14.47	16.0			16.0	16.0	98.00	
	6	2447	15.30	17.0			17.0	15.0		
	8	2467	15.10	16.5			16.5	15.0		
	9	2452	10.47	12.0			12.0	12.0		

<5.2GHz WLAN>

Art 6		Full power Standalone for Extremity			Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Duty Cycle %			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit				
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.46	18.0	16.48	18.0		15.0	95.44		
		40	5200	17.49	19.5	16.48	18.0		15.0			
		44	5220	17.82	19.5	16.36	18.0		15.0			
	802.11n-HT20 MCSO	36	5180	15.66	17.0	16.33	18.0		15.0	95.22		
		40	5200	17.42	19.0			18.5	15.0			
		44	5220	17.09	18.5			18.5	15.0			
	802.11n-HT40 MCSO	38	5180	12.53	14.0			Not request	14.0	90.29		
		46	5200	15.29	16.5			16.5	16.0			
		36	5180	15.85	17.5			17.5	15.0			
	802.11ac-VHT20 MCSO	40	5200	17.47	19.0			18.5	15.0	94.69		
		44	5220	17.28	19.0			18.5	15.0			
		48	5240	17.14	18.5			18.5	15.0			
802.11ac-VHT40 MCSO	38	5180	12.71	14.0			14.0	14.0	90.34			
	46	5200	15.81	17.5			17.5	15.0				
802.11ac-VHT80 MCSO	42	5210	13.79	15.0			17.5	13.79	15.0	10.02	11.0	94.16

<5.3GHz WLAN>

Art 6		Full power Standalone for Extremity			Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.54	20.0	16.27	18.0		15.0	95.44
		56	5280	18.06	19.5	16.06	18.0		15.0	
		60	5300	18.24	20.0	16.16	18.0		15.0	
	802.11n-HT20 MCSO	54	5300	18.21	19.5	16.10	18.0		15.0	95.22
		52	5260	17.51	19.0			18.0	15.0	
		56	5280	17.35	19.0			18.0	15.0	
	802.11n-HT40 MCSO	60	5320	17.47	19.0			18.0	15.0	90.29
		62	5310	14.16	15.5			16.5	15.0	
		62	5260	17.67	19.0			18.0	15.0	
	802.11ac-VHT20 MCSO	56	5280	17.96	19.0			18.0	15.0	94.69
		60	5300	17.62	19.0			18.0	15.0	
		64	5320	17.62	19.0			18.0	15.0	
802.11ac-VHT40 MCSO	52	5270	15.82	17.0			17.0	15.0	90.34	
	62	5310	14.73	16.0			16.0	15.0		
802.11ac-VHT80 MCSO	58	5290	14.86	16.0			17.0	13.69	15.0	94.16

<5.5GHz WLAN>

Art 6		Full power Standalone for Extremity			Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.42	19.5			14.0	13.0	95.44
		116	5580	18.23	20.0			14.0	13.0	
		124	5620	18.49	20.0			14.0	13.0	
	802.11n-HT20 MCSO	100	5500	17.15	19.5	16.06	14.0		13.0	95.22
		116	5580	17.62	19.0			14.0	13.0	
		124	5620	17.83	19.0			14.0	13.0	
	802.11n-HT40 MCSO	132	5660	17.61	19.0			14.0	13.0	90.29
		140	5700	12.48	14.0			14.0	13.0	
		144	5720	17.16	18.5			14.0	13.0	
		102	5510	15.12	16.5			14.0	13.0	
		110	5550	15.42	17.0			14.0	13.0	
		134	5670	15.09	16.5			14.0	13.0	
802.11ac-VHT20 MCSO	142	5710	14.70	16.0			14.0	13.0	94.69	
	100	5500	17.13	18.5			14.0	13.0		
	116	5580	17.59	19.0			14.0	13.0		
	124	5620	17.71	19.0			14.0	13.0		
	132	5660	17.66	19.0			14.0	13.0		
	140	5700	12.64	14.0			14.0	13.0		
802.11ac-VHT40 MCSO	144	5720	17.57	19.0			14.0	13.0	90.34	
	102	5510	15.73	17.5			14.0	13.0		
	110	5550	15.93	17.5			14.0	13.0		
	136	5630	15.76	17.5			14.0	13.0		
	134	5670	15.76	17.0			14.0	13.0		
	142	5710	16.05	17.5			14.0	13.0		
802.11ac-VHT80 MCSO	106	5530	14.79	16.5	12.23	14.0	11.18	13.0	94.16	
	122	5610	15.64	17.0	12.66	14.0	11.59	13.0		
138	5690	15.35	17.0	12.42	14.0	11.42	13.0			

<5.8GHz WLAN>

Art 6		Full power Standalone for Extremity			Standalone for Head Standalone for Body-worn		Simultaneous for Hotspot		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.29	20.0			16.0	11.0	95.44
		157	5785	18.42	20.0			16.0	11.0	
		166	5825	18.49	20.0			16.0	11.0	
	802.11n-HT20 MCSO	149	5745	17.54	19.0			16.0	11.0	95.22
		157	5785	17.69	19.0			16.0	11.0	
		166	5825	17.66	19.0			16.0	11.0	
	802.11n-HT40 MCSO	151	5755	15.11	16.5			Not request	16.0	90.29
		159	5735	15.59	17.0			16.0	11.0	
		149	5745	17.28	19.0			16.0	11.0	
	802.11ac-VHT20 MCSO	157	5785	17.62	19.0			16.0	11.0	94.69
		165	5825	17.72	19.0			16.0	11.0	
	802.11ac-VHT40 MCSO	151	5755	15.86	17.0			16.0	11.0	90.34
155		5765	16.00	17.5			16.0	11.0		
802.11ac-VHT80 MCSO	155	5775	15.94	17.0	14.59	16.0	9.63	11.0	94.16	

Bluetooth			Ant3		
			Average power (dBm)		
Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.48	9.42	9.29
	CH 09	2441	12.11	9.84	9.89
	CH 18	2480	11.94	9.29	9.29
	Tune-Up Limit		13.0	11.5	11.5

BLE 1M			Average power (dBm)		
			1Mbps		
Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps
LE	CH 00	2402	11.35		
	CH 19	2440	12.03		
	CH 38	2478	11.81		
	Tune-Up Limit		13.00		

BLE 2M			Average power (dBm)		
			2Mbps		
Mode	Channel	Frequency (MHz)	2Mbps	3Mbps	4Mbps
LE	CH 01	2401	11.66		
	CH 16	2440	11.72		
	CH 36	2478	11.76		
	Tune-Up Limit		13.00		