

Full & Default Power&DSI4

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot		32.09	32.33	32.11	33.50	23.09	23.33	23.11
GPRS 1 Tx slot		31.94	32.28	32.07	33.50	22.94	23.28	23.07
GPRS 2 Tx slots		29.50	29.53	29.41	30.50	23.50	23.53	23.41
GPRS 3 Tx slots		27.74	27.80	27.60	29.00	23.48	23.54	23.34
GPRS 4 Tx slots		26.27	26.33	26.25	27.50	23.27	23.33	23.25

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.35	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.41	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.47	22.34	23.00
3GPP Rel 6	HSDPA Subtest-2	22.33	22.45	22.40	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.89	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.84	21.95	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.46	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.38	22.40	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.88	21.88	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.88	21.86	21.88	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.47	22.39	23.00
3GPP Rel 6	HSUPA Subtest-2	20.38	20.40	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.42	21.46	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.42	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.35	22.45	22.34	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	19.94	19.85	20.50

GSM1900 Ant.1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8		1850.2	1860	1909.8	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.49	28.62	28.58	29.50	19.49	19.62	19.58	20.50
GPRS 1 Tx slot	28.41	28.57	28.54	29.50	19.41	19.57	19.54	20.50
GPRS 2 Tx slots	25.95	26.09	26.07	26.50	19.95	20.09	20.07	20.50
GPRS 3 Tx slots	23.91	24.07	23.90	24.50	19.65	19.81	19.64	20.24
GPRS 4 Tx slots	22.63	22.77	22.57	23.00	19.63	19.77	19.57	20.00

GSM850 Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	32.44	32.51	32.55	33.50	23.44	23.51	23.55	24.50
GPRS 1 Tx slot	32.39	32.52	32.51	33.50	23.39	23.52	23.51	24.50
GPRS 2 Tx slots	30.83	30.91	30.89	32.00	24.83	24.91	24.89	26.00
GPRS 3 Tx slots	28.63	28.69	28.82	29.50	24.37	24.43	24.56	25.24
GPRS 4 Tx slots	27.46	27.48	27.53	28.50	24.46	24.48	24.53	25.50

Band		WCDMA V Ant 4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.64	21.68	21.59	23.00
3GPP Rel 99	RMC 12.2Kbps	21.70	21.74	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	20.72	20.80	20.66	22.00
3GPP Rel 6	HSDPA Subtest-2	20.65	20.76	20.73	22.00
3GPP Rel 6	HSDPA Subtest-3	20.19	20.24	20.24	21.50
3GPP Rel 6	HSDPA Subtest-4	20.21	20.22	20.24	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.73	20.71	20.64	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.74	20.70	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.16	20.23	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.18	20.24	20.17	21.50
3GPP Rel 6	HSUPA Subtest-1	20.69	20.77	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	18.69	18.80	18.65	20.00
3GPP Rel 6	HSUPA Subtest-3	19.70	19.77	19.67	21.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.73	18.68	20.00
3GPP Rel 6	HSUPA Subtest-5	20.68	20.79	20.65	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.18	18.25	18.13	19.50

Band 5 Ant 0									
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	23.05	23.11	23.08			
10	QPSK	1	25	22.95	23.06	22.97			
10	QPSK	1	49	22.95	23.00	23.05	23	1	
10	QPSK	25	0	22.05	22.16	22.03			
10	QPSK	25	12	21.91	22.10	21.99			
10	QPSK	25	25	21.95	22.02	22.09			
10	QPSK	50	0	22.00	22.14	22.11	23	1	
10	16QAM	1	0	21.98	22.10	21.97			
10	16QAM	1	25	21.88	22.05	21.96			
10	16QAM	1	49	21.94	21.93	22.03			
10	16QAM	25	0	21.10	21.14	20.98	22	2	
10	16QAM	25	12	20.94	21.06	21.02			
10	16QAM	25	25	21.00	21.05	21.12			
10	16QAM	50	0	20.96	21.09	21.13			
10	64QAM	1	0	20.97	21.11	20.92	22	2	
10	64QAM	1	25	20.94	20.99	21.00			
10	64QAM	1	49	20.91	20.95	21.03			
10	64QAM	25	0	20.04	20.16	20.06			
10	64QAM	25	12	19.88	20.16	19.96	21	3	
10	64QAM	25	25	19.98	20.04	20.08			
10	64QAM	50	0	19.96	20.09	20.09			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24	0	
5	QPSK	1	0	23.00	23.08	22.99			
5	QPSK	1	12	22.88	23.03	22.84			
5	QPSK	1	24	22.82	22.89	22.94	23	1	
5	QPSK	12	0	21.97	22.09	21.96			
5	QPSK	12	7	21.88	22.02	21.94			
5	QPSK	12	13	21.90	21.88	22.06			
5	QPSK	25	0	21.88	22.07	22.04	23	1	
5	16QAM	1	0	21.94	21.97	21.90			
5	16QAM	1	12	21.83	21.94	21.91			
5	16QAM	1	24	21.84	21.81	21.96			
5	16QAM	12	0	20.99	21.12	20.86	22	2	
5	16QAM	12	7	20.88	20.99	20.92			
5	16QAM	12	13	20.97	20.96	21.10			
5	16QAM	25	0	20.87	21.03	21.08			
5	64QAM	1	0	20.94	21.01	20.86	22	2	
5	64QAM	1	12	20.80	20.96	20.96			
5	64QAM	1	24	20.85	20.83	20.98			
5	64QAM	12	0	19.95	20.05	20.04			
5	64QAM	12	7	19.82	20.03	19.88	21	3	
5	64QAM	12	13	19.85	19.97	19.84			
5	64QAM	25	0	19.85	20.06	19.95			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5	24	0	
3	QPSK	1	0	22.98	23.03	23.04			
3	QPSK	1	8	22.89	23.03	22.86			
3	QPSK	1	14	22.81	22.89	22.91	23	1	
3	QPSK	8	0	22.03	22.14	21.93			
3	QPSK	8	4	21.87	21.98	21.94			
3	QPSK	8	7	21.81	21.96	22.01			
3	QPSK	15	0	21.87	22.03	22.04	23	1	
3	16QAM	1	0	21.94	21.98	21.91			
3	16QAM	1	8	21.75	22.02	21.90			
3	16QAM	1	14	21.86	21.89	21.94			
3	16QAM	8	0	21.04	21.06	20.85	22	2	
3	16QAM	8	4	20.90	20.95	20.97			
3	16QAM	8	7	20.95	21.02	21.06			
3	16QAM	15	0	20.92	21.06	21.01			
3	64QAM	1	0	20.88	21.05	20.81	22	2	
3	64QAM	1	8	20.84	20.92	20.87			
3	64QAM	1	14	20.79	20.84	20.99			
3	64QAM	8	0	20.00	20.06	19.97			
3	64QAM	8	4	19.81	20.05	19.84	21	3	
3	64QAM	8	7	19.85	19.94	20.02			
3	64QAM	15	0	19.84	20.06	20.07			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3	24	0	
1.4	QPSK	1	0	23.01	23.00	22.99			
1.4	QPSK	1	3	22.81	22.93	22.92			
1.4	QPSK	1	5	22.89	22.86	23.03	23	1	
1.4	QPSK	3	0	22.92	22.86	22.95			
1.4	QPSK	3	1	22.72	22.80	22.79			
1.4	QPSK	3	3	22.86	22.72	22.95			
1.4	QPSK	6	0	21.89	22.07	22.05	23	1	
1.4	16QAM	1	0	21.89	22.08	21.94			
1.4	16QAM	1	3	21.85	21.95	21.86			
1.4	16QAM	1	5	21.86	21.82	21.99			
1.4	16QAM	3	0	21.76	22.01	21.97	22	2	
1.4	16QAM	3	1	21.81	21.98	21.84			
1.4	16QAM	3	3	21.72	21.90	21.80			
1.4	16QAM	6	0	20.84	21.03	21.03			
1.4	64QAM	1	0	20.94	21.04	20.89	22	2	
1.4	64QAM	1	3	20.85	20.89	20.94			
1.4	64QAM	1	5	20.85	20.88	20.99			
1.4	64QAM	3	0	20.79	21.00	20.90			
1.4	64QAM	3	1	20.87	21.00	20.83	21	3	
1.4	64QAM	3	3	20.80	20.82	20.81			
1.4	64QAM	6	0	19.84	20.06	20.00			

Band 12 Ant 0									
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				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.86	22.81	24	0	
10	QPSK	1	25	22.73	22.79	22.74			
10	QPSK	1	49	22.79	22.78	22.71			
10	QPSK	25	0	21.83	21.92	21.83			
10	QPSK	25	12	21.75	21.82	21.71	23	1	
10	QPSK	25	25	21.78	21.74	21.65			
10	QPSK	50	0	21.86	21.90	21.87			
10	16QAM	1	0	21.70	21.85	21.73			
10	16QAM	1	25	21.63	21.74	21.66	23	1	
10	16QAM	1	49	21.65	21.64	21.55			
10	16QAM	25	0	20.84	20.97	20.84			
10	16QAM	25	12	20.70	20.76	20.65			
10	16QAM	25	25	20.74	20.70	20.67	22	2	
10	16QAM	50	0	20.85	20.90	20.85			
10	64QAM	1	0	20.72	20.88	20.75			
10	64QAM	1	25	20.62	20.75	20.65			
10	64QAM	1	49	20.65	20.65	20.54	22	2	
10	64QAM	25	0	19.82	19.87	19.82			
10	64QAM	25	12	19.70	19.84	19.65			
10	64QAM	25	25	19.84	19.76	19.61			
10	64QAM	50	0	19.82	19.95	19.89	21	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.76	22.79	22.70			
5	QPSK	1	12	22.64	22.72	22.63			
5	QPSK	1	24	22.72	22.73	22.63			
5	QPSK	12	0	21.78	21.80	21.75			
5	QPSK	12	7	21.62	21.70	21.64	23	1	
5	QPSK	12	13	21.73	21.65	21.60			
5	QPSK	25	0	21.81	21.79	21.77			
5	16QAM	1	0	21.58	21.73	21.67			
5	16QAM	1	12	21.59	21.72	21.56	23	1	
5	16QAM	1	24	21.61	21.52	21.43			
5	16QAM	12	0	20.72	20.93	20.81			
5	16QAM	12	7	20.57	20.71	20.62			
5	16QAM	12	13	20.60	20.64	20.58	22	2	
5	16QAM	25	0	20.81	20.88	20.73			
5	64QAM	1	0	20.62	20.80	20.70			
5	64QAM	1	12	20.52	20.67	20.51			
5	64QAM	1	24	20.63	20.62	20.43	22	2	
5	64QAM	12	0	19.74	19.73	19.75			
5	64QAM	12	7	19.56	19.75	19.51			
5	64QAM	12	13	19.82	19.72	19.56			
5	64QAM	25	0	19.77	19.90	19.78	21	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.71	22.73	22.71			
3	QPSK	1	8	22.71	22.79	22.60			
3	QPSK	1	14	22.70	22.71	22.67			
3	QPSK	8	0	21.72	21.89	21.75			
3	QPSK	8	4	21.69	21.70	21.65	23	1	
3	QPSK	8	7	21.68	21.67	21.53			
3	QPSK	15	0	21.79	21.84	21.81			
3	16QAM	1	0	21.61	21.79	21.64			
3	16QAM	1	8	21.60	21.75	21.61	23	1	
3	16QAM	1	14	21.61	21.59	21.46			
3	16QAM	8	0	20.77	20.93	20.81			
3	16QAM	8	4	20.63	20.69	20.54			
3	16QAM	8	7	20.61	20.64	20.62	22	2	
3	16QAM	15	0	20.83	20.87	20.79			
3	64QAM	1	0	20.68	20.78	20.73			
3	64QAM	1	8	20.53	20.65	20.53			
3	64QAM	1	14	20.61	20.61	20.50	22	2	
3	64QAM	8	0	19.76	19.76	19.71			
3	64QAM	8	4	19.64	19.76	19.52			
3	64QAM	8	7	19.77	19.65	19.51			
3	64QAM	15	0	19.75	19.86	19.86	21	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.78	22.82	22.67			
1.4	QPSK	1	3	22.67	22.69	22.63			
1.4	QPSK	1	5	22.72	22.75	22.67			
1.4	QPSK	3	0	22.69	22.78	22.58			
1.4	QPSK	3	1	22.60	22.67	22.57	24	0	
1.4	QPSK	3	3	22.69	22.72	22.59			
1.4	QPSK	6	0	21.83	21.82	21.75			
1.4	16QAM	1	0	21.57	21.76	21.63			
1.4	16QAM	1	3	21.56	21.66	21.58	23	1	
1.4	16QAM	1	5	21.58	21.58	21.42			
1.4	16QAM	3	0	21.80	21.72	21.71			
1.4	16QAM	3	1	21.50	21.63	21.50			
1.4	16QAM	3	3	21.42	21.55	21.50	22	2	
1.4	16QAM	6	0	20.72	20.82	20.77			
1.4	64QAM	1	0	20.61	20.85	20.71			
1.4	64QAM	1	3	20.50	20.73	20.53			
1.4	64QAM	1	5	20.56	20.58	20.44	22	2	
1.4	64QAM	3	0	20.63	20.75	20.74			
1.4	64QAM	3	1	20.50	20.83	20.58			
1.4	64QAM	3	3	20.39	20.59	20.50			
1.4	64QAM	6	0	19.73	19.88	19.81	21	3	

Band 41 Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.89	22.89	22.95	22.94	22.88	24	0	
20	QPSK	1	49	22.77	22.83	22.93	22.90	22.82			
20	QPSK	1	99	22.82	22.80	22.88	22.82	22.75			
20	QPSK	50	0	21.85	21.94	21.97	21.91	21.87	23	1	
20	QPSK	50	24	21.77	21.84	21.91	21.88	21.87			
20	QPSK	50	50	21.77	21.82	21.83	21.76	21.80			
20	QPSK	100	0	21.86	21.87	21.95	21.92	21.89	23	1	
20	16QAM	1	0	21.73	21.84	21.93	21.86	21.74			
20	16QAM	1	49	21.64	21.78	21.87	21.78	21.81			
20	16QAM	1	99	21.66	21.73	21.70	21.67	21.74	22	2	
20	16QAM	50	0	20.80	20.97	20.98	20.96	20.91			
20	16QAM	50	24	20.79	20.89	20.92	20.88	20.93			
20	16QAM	50	50	20.72	20.87	20.85	20.78	20.82	22	2	
20	16QAM	100	0	20.88	20.82	20.92	20.93	20.85			
20	64QAM	1	0	20.68	20.83	20.87	20.91	20.73			
20	64QAM	1	49	20.59	20.78	20.93	20.74	20.75	22	2	
20	64QAM	1	99	20.63	20.70	20.71	20.69	20.79			
20	64QAM	50	0	19.84	19.92	19.98	19.89	19.84			
20	64QAM	50	24	19.80	19.81	19.90	19.92	19.82	21	3	
20	64QAM	50	50	19.76	19.76	19.85	19.72	19.75			
20	64QAM	100	0	19.92	19.88	19.97	19.96	19.84			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5			
15	QPSK	1	0	22.84	22.86	22.83	22.81	22.80	24	0	
15	QPSK	1	37	22.64	22.78	22.85	22.84	22.73			
15	QPSK	1	74	22.77	22.66	22.77	22.75	22.62			
15	QPSK	36	0	21.78	21.92	21.94	21.87	21.75	23	1	
15	QPSK	36	20	21.74	21.72	21.85	21.81	21.84			
15	QPSK	36	39	21.70	21.68	21.77	21.62	21.68			
15	QPSK	75	0	21.83	21.76	21.84	21.89	21.82	23	1	
15	16QAM	1	0	21.61	21.82	21.80	21.81	21.71			
15	16QAM	1	37	21.60	21.75	21.78	21.71	21.76			
15	16QAM	1	74	21.59	21.71	21.58	21.59	21.71	22	2	
15	16QAM	36	0	20.72	20.89	20.88	20.85	20.86			
15	16QAM	36	20	20.71	20.76	20.83	20.82	20.84			
15	16QAM	36	39	20.60	20.75	20.81	20.71	20.76	22	2	
15	16QAM	75	0	20.82	20.69	20.86	20.81	20.77			
15	64QAM	1	0	20.60	20.75	20.84	20.79	20.85			
15	64QAM	1	37	20.57	20.71	20.89	20.86	20.64	21	3	
15	64QAM	1	74	20.53	20.60	20.66	20.56	20.73			
15	64QAM	36	0	19.72	19.81	19.91	19.81	19.80			
15	64QAM	36	20	19.73	19.75	19.83	19.86	19.73	21	3	
15	64QAM	36	39	19.62	19.66	19.76	19.65	19.64			
15	64QAM	75	0	19.83	19.83	19.86	19.90	19.82			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.77	22.75	22.88	22.82	22.75	24	0	
10	QPSK	1	25	22.64	22.75	22.80	22.85	22.80			
10	QPSK	1	49	22.78	22.72	22.80	22.71	22.68			
10	QPSK	25	0	21.75	21.83	21.94	21.78	21.82	23	1	
10	QPSK	25	12	21.63	21.74	21.77	21.75	21.80			
10	QPSK	25	25	21.64	21.70	21.81	21.64	21.70			
10	QPSK	50	0	21.74	21.80	21.84	21.86	21.75	23	1	
10	16QAM	1	0	21.70	21.71	21.84	21.72	21.63			
10	16QAM	1	25	21.56	21.72	21.80	21.70	21.72			
10	16QAM	1	49	21.60	21.64	21.57	21.63	21.62	22	2	
10	16QAM	25	0	20.75	20.90	20.90	20.94	20.87			
10	16QAM	25	12	20.67	20.85	20.83	20.84	20.86			
10	16QAM	25	25	20.68	20.78	20.72	20.70	20.77	22	2	
10	16QAM	50	0	20.82	20.79	20.84	20.89	20.79			
10	64QAM	1	0	20.56	20.79	20.80	20.84	20.67			
10	64QAM	1	25	20.48	20.69	20.87	20.65	20.70	21	3	
10	64QAM	1	49	20.51	20.65	20.63	20.59	20.65			
10	64QAM	25	0	19.78	19.88	19.91	19.77	19.77			
10	64QAM	25	12	19.68	19.77	19.76	19.80	19.68	21	3	
10	64QAM	25	25	19.74	19.73	19.73	19.64	19.73			
10	64QAM	50	0	19.85	19.75	19.89	19.90	19.73			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.86	22.82	22.87	22.90	22.80	24	0	
5	QPSK	1	12	22.69	22.69	22.90	22.84	22.72			
5	QPSK	1	24	22.73	22.67	22.83	22.73	22.70			
5	QPSK	12	0	21.81	21.90	21.84	21.84	21.84	23	1	
5	QPSK	12	7	21.75	21.78	21.84	21.78	21.75			
5	QPSK	12	13	21.64	21.70	21.79	21.74	21.74			
5	QPSK	25	0	21.76	21.82	21.90	21.80	21.75	23	1	
5	16QAM	1	0	21.63	21.74	21.88	21.78	21.70			
5	16QAM	1	12	21.51	21.66	21.75	21.68	21.77			
5	16QAM	1	24	21.61	21.68	21.63	21.56	21.70	22	2	
5	16QAM	12	0	20.77	20.91	20.90	20.86	20.83			
5	16QAM	12	7	20.75	20.78	20.82	20.82	20.85			
5	16QAM	12	13	20.68	20.75	20.75	20.69	20.68	21	3	
5	16QAM	25	0	20.80	20.71	20.87	20.90	20.73			
5	64QAM	1	0	20.64	20.71	20.85	20.81	20.65			
5	64QAM	1	12	20.47	20.66	20.89	20.65	20.61	22	2	
5	64QAM	1	24	20.56	20.65	20.61	20.66	20.74			
5	64QAM	12	0	19.82	19.89	19.91	19.85	19.81			
5	64QAM	12	7	19.70	19.68	19.80	19.84	19.74	21	3	
5	64QAM	12	13	19.63	19.64	19.78	19.63	19.72			
5	64QAM	25	0	19.82	19.78	19.89	19.94	19.79			

Band 5 Ant 4									
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	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.98	22.04	22.00	22	1	
10	QPSK	1	25	21.73	21.90	21.82			
10	QPSK	1	49	21.74	21.93	21.92			
10	QPSK	25	0	20.89	21.06	20.94			
10	QPSK	25	12	20.87	20.98	20.88			
10	QPSK	25	25	20.86	20.93	20.74	22	1	
10	QPSK	50	0	20.92	20.99	20.93			
10	16QAM	1	0	20.78	20.95	20.85			
10	16QAM	1	25	20.77	20.88	20.76			
10	16QAM	1	49	20.82	20.81	20.71			
10	16QAM	25	0	19.84	20.04	19.91	21	2	
10	16QAM	25	12	19.89	19.98	19.88			
10	16QAM	25	25	19.86	19.97	19.69			
10	16QAM	50	0	19.90	19.96	19.98			
10	64QAM	1	0	19.78	19.91	19.83			
10	64QAM	1	25	19.79	19.84	19.80	21	2	
10	64QAM	1	49	19.84	19.76	19.70			
10	64QAM	25	0	18.89	19.01	18.99			
10	64QAM	25	12	18.91	19.00	18.88			
10	64QAM	25	25	18.89	18.95	18.69			
10	64QAM	50	0	18.88	18.96	18.94	20	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.86	21.94	21.87	23	0	
5	QPSK	1	12	21.60	21.83	21.77			
5	QPSK	1	24	21.64	21.80	21.87			
5	QPSK	12	0	20.76	20.95	20.87			
5	QPSK	12	7	20.74	20.84	20.77			
5	QPSK	12	13	20.81	20.85	20.70	22	1	
5	QPSK	25	0	20.90	20.91	20.90			
5	16QAM	1	0	20.69	20.88	20.73			
5	16QAM	1	12	20.69	20.83	20.70			
5	16QAM	1	24	20.80	20.71	20.67			
5	16QAM	12	0	19.74	20.01	19.80	21	2	
5	16QAM	12	7	19.79	19.93	19.82			
5	16QAM	12	13	19.77	19.88	19.56			
5	16QAM	25	0	19.84	19.87	19.95			
5	64QAM	1	0	19.71	19.85	19.76			
5	64QAM	1	12	19.77	19.74	19.67	21	2	
5	64QAM	1	24	19.81	19.68	19.59			
5	64QAM	12	0	18.76	18.98	18.93			
5	64QAM	12	7	18.78	18.87	18.83			
5	64QAM	12	13	18.79	18.84	18.57			
5	64QAM	25	0	18.75	18.85	18.89	20	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.88	21.92	21.91	23	0	
3	QPSK	1	8	21.81	21.80	21.72			
3	QPSK	1	14	21.68	21.83	21.81			
3	QPSK	8	0	20.78	20.97	20.83			
3	QPSK	8	4	20.79	20.84	20.74			
3	QPSK	8	7	20.83	20.82	20.70	22	1	
3	QPSK	15	0	20.79	20.90	20.81			
3	16QAM	1	0	20.72	20.88	20.78			
3	16QAM	1	8	20.63	20.74	20.67			
3	16QAM	1	14	20.70	20.69	20.66			
3	16QAM	8	0	19.72	20.01	19.80	21	2	
3	16QAM	8	4	19.84	19.93	19.85			
3	16QAM	8	7	19.81	19.89	19.62			
3	16QAM	15	0	19.87	19.89	19.89			
3	64QAM	1	0	19.64	19.89	19.79			
3	64QAM	1	8	19.76	19.72	19.68	21	2	
3	64QAM	1	14	19.79	19.68	19.59			
3	64QAM	8	0	18.82	18.91	18.92			
3	64QAM	8	4	18.78	18.98	18.85			
3	64QAM	8	7	18.80	18.89	18.63			
3	64QAM	15	0	18.81	18.90	18.90	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.85	22.00	21.97	23	0	
1.4	QPSK	1	3	21.62	21.84	21.72			
1.4	QPSK	1	5	21.71	21.86	21.85			
1.4	QPSK	3	0	21.77	21.89	21.95			
1.4	QPSK	3	1	21.59	21.78	21.60			
1.4	QPSK	3	3	21.60	21.74	21.80	22	1	
1.4	QPSK	6	0	20.81	20.87	20.83			
1.4	16QAM	1	0	20.73	20.84	20.81			
1.4	16QAM	1	3	20.64	20.82	20.65			
1.4	16QAM	1	5	20.74	20.78	20.65			
1.4	16QAM	3	0	20.72	20.85	20.71	22	1	
1.4	16QAM	3	1	20.61	20.72	20.74			
1.4	16QAM	3	3	20.62	20.71	20.54			
1.4	16QAM	6	0	19.82	19.83	19.92			
1.4	64QAM	1	0	19.71	19.78	19.69			
1.4	64QAM	1	3	19.68	19.70	19.66	21	2	
1.4	64QAM	1	5	19.76	19.67	19.61			
1.4	64QAM	3	0	19.78	19.69	19.78			
1.4	64QAM	3	1	19.64	19.65	19.65			
1.4	64QAM	3	3	19.61	19.64	19.63			
1.4	64QAM	6	0	18.82	18.83	18.84	20	3	

Band 12 Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR	
Channel				23060	23065	23160			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.03	22.10	22.00	23	0	
10	QPSK	1	25	21.89	21.98	21.90			
10	QPSK	1	49	21.99	22.00	21.93			
10	QPSK	25	0	20.87	20.96	20.95			
10	QPSK	25	12	20.92	20.94	20.81			
10	QPSK	25	25	20.65	20.73	20.72	22	1	
10	QPSK	50	0	20.81	20.89	20.85			
10	16QAM	1	0	20.76	20.87	20.86			
10	16QAM	1	25	20.86	20.85	20.72			
10	16QAM	1	49	20.54	20.67	20.59			
10	16QAM	25	0	19.82	20.01	19.89	21	2	
10	16QAM	25	12	19.96	19.91	19.83			
10	16QAM	25	25	19.65	19.69	19.69			
10	16QAM	50	0	19.83	19.94	19.84			
10	64QAM	1	0	19.77	19.86	19.85			
10	64QAM	1	25	19.81	19.83	19.67	21	2	
10	64QAM	1	49	19.57	19.68	19.65			
10	64QAM	25	0	18.82	19.01	18.96			
10	64QAM	25	12	18.91	18.95	18.77			
10	64QAM	25	25	18.63	18.69	18.75			
10	64QAM	50	0	18.79	18.92	18.85	20	3	
Channel				23035	23065	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.94	22.04	21.95	23	0	
5	QPSK	1	12	21.80	21.88	21.83			
5	QPSK	1	24	21.92	21.89	21.85			
5	QPSK	12	0	20.78	20.82	20.81			
5	QPSK	12	7	20.86	20.88	20.70			
5	QPSK	12	13	20.55	20.64	20.67	22	1	
5	QPSK	25	0	20.72	20.75	20.74			
5	16QAM	1	0	20.64	20.79	20.81			
5	16QAM	1	12	20.81	20.76	20.68			
5	16QAM	1	24	20.50	20.63	20.45			
5	16QAM	12	0	19.76	19.88	19.77	21	2	
5	16QAM	12	7	19.90	19.79	19.73			
5	16QAM	12	13	19.58	19.66	19.62			
5	16QAM	25	0	19.78	19.85	19.76			
5	64QAM	1	0	19.64	19.77	19.81			
5	64QAM	1	12	19.69	19.76	19.54	21	2	
5	64QAM	1	24	19.46	19.57	19.55			
5	64QAM	12	0	18.69	18.90	18.82			
5	64QAM	12	7	18.84	18.87	18.71			
5	64QAM	12	13	18.59	18.65	18.72			
5	64QAM	25	0	18.75	18.85	18.79	20	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.92	22.02	21.96	23	0	
3	QPSK	1	8	21.79	21.84	21.83			
3	QPSK	1	14	21.91	21.93	21.89			
3	QPSK	8	0	20.81	20.84	20.83			
3	QPSK	8	4	20.87	20.88	20.68			
3	QPSK	8	7	20.52	20.62	20.68	22	1	
3	QPSK	15	0	20.77	20.86	20.80			
3	16QAM	1	0	20.71	20.78	20.76			
3	16QAM	1	8	20.74	20.74	20.68			
3	16QAM	1	14	20.46	20.54	20.52			
3	16QAM	8	0	19.73	19.97	19.76	21	2	
3	16QAM	8	4	19.87	19.84	19.74			
3	16QAM	8	7	19.59	19.62	19.58			
3	16QAM	15	0	19.73	19.88	19.78			
3	64QAM	1	0	19.73	19.78	19.74			
3	64QAM	1	8	19.67	19.76	19.56	21	2	
3	64QAM	1	14	19.47	19.58	19.63			
3	64QAM	8	0	18.75	18.88	18.91			
3	64QAM	8	4	18.86	18.84	18.73			
3	64QAM	8	7	18.61	18.59	18.71			
3	64QAM	15	0	18.74	18.83	18.83	20	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.00	22.05	21.94	23	0	
1.4	QPSK	1	3	21.82	21.94	21.76			
1.4	QPSK	1	5	21.96	21.94	21.85			
1.4	QPSK	3	0	21.97	22.02	21.91			
1.4	QPSK	3	1	21.76	21.88	21.73			
1.4	QPSK	3	3	21.83	21.86	21.80	22	1	
1.4	QPSK	6	0	20.74	20.77	20.71			
1.4	16QAM	1	0	20.74	20.75	20.73			
1.4	16QAM	1	3	20.78	20.76	20.66			
1.4	16QAM	1	5	20.48	20.64	20.52			
1.4	16QAM	3	0	20.65	20.72	20.58	22	1	
1.4	16QAM	3	0	20.70	20.66	20.68			
1.4	16QAM	3	3	20.65	20.69	20.63			
1.4	16QAM	6	0	19.73	19.84	19.71			
1.4	64QAM	1	0	19.63	19.82	19.74			
1.4	64QAM	1	3	19.69	19.79	19.59	21	2	
1.4	64QAM	1	5	19.48	19.65	19.55			
1.4	64QAM	3	0	19.70	19.71	19.66			
1.4	64QAM	3	1	19.59	19.76	19.64			
1.4	64QAM	3	3	19.59	19.67	19.52			
1.4	64QAM	6	0	18.68	18.83	18.83	20	3	

LTE Band 42 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				42190 3450	42590 3500	42990 3550	24	0	
				22.67	22.89	22.68			
20	QPSK	1	0	22.67	22.89	22.68	24	0	
20	QPSK	1	49	22.82	22.82	22.73			
20	QPSK	1	99	22.49	22.70	22.81	23	1	
20	QPSK	50	0	21.89	21.89	21.77			
20	QPSK	50	24	21.67	21.81	21.79	23	1	
20	QPSK	50	50	21.77	21.78	21.82			
20	QPSK	100	0	21.79	21.84	21.72	23	1	
20	16QAM	1	0	21.72	21.83	21.78			
20	16QAM	1	49	21.80	21.82	21.81	22	2	
20	16QAM	1	99	21.60	21.89	21.57			
20	16QAM	50	0	20.84	20.88	20.74	22	2	
20	16QAM	50	24	20.89	20.82	20.75			
20	16QAM	50	50	20.73	20.77	20.85	22	2	
20	16QAM	100	0	20.68	20.81	20.77			
20	64QAM	1	0	21.73	21.79	21.69	22	2	
20	64QAM	1	49	21.77	21.80	21.75			
20	64QAM	1	99	21.83	21.68	21.49	21	3	
20	64QAM	50	0	20.75	20.84	20.74			
20	64QAM	50	24	20.70	20.77	20.81	21	3	
20	64QAM	50	50	20.74	20.80	20.77			
20	64QAM	100	0	20.70	20.82	20.77	21	3	
Channel Frequency (MHz)				42190 3451.5	42590 3500	42990 3542.5			
15	QPSK	1	0	22.68	22.74	22.67	24	0	
15	QPSK	1	37	22.78	22.66	22.65			
15	QPSK	1	74	22.36	22.72	22.53	23	1	
15	QPSK	36	0	21.89	21.88	21.71			
15	QPSK	36	20	21.68	21.67	21.68	23	1	
15	QPSK	36	39	21.68	21.75	21.61			
15	QPSK	75	0	21.73	21.79	21.64	23	1	
15	16QAM	1	0	21.68	21.75	21.72			
15	16QAM	1	37	21.69	21.76	21.74	22	2	
15	16QAM	1	74	21.55	21.49	21.38			
15	16QAM	36	0	20.78	20.72	20.58	22	2	
15	16QAM	36	20	20.64	20.68	20.80			
15	16QAM	36	39	20.84	20.75	20.80	22	2	
15	16QAM	75	0	20.47	20.60	20.68			
15	64QAM	1	0	21.71	21.70	21.53	22	2	
15	64QAM	1	37	21.77	21.73	21.57			
15	64QAM	1	74	21.52	21.48	21.39	21	3	
15	64QAM	36	0	20.82	20.71	20.58			
15	64QAM	36	20	20.60	20.72	20.81	21	3	
15	64QAM	36	39	20.84	20.82	20.58			
15	64QAM	75	0	20.81	20.65	20.78	21	3	
Channel Frequency (MHz)				42140 3455	42590 3500	43040 3545			
10	QPSK	1	0	22.84	22.75	22.46	24	0	
10	QPSK	1	25	22.75	22.70	22.52			
10	QPSK	1	49	22.28	22.68	22.50	23	1	
10	QPSK	25	0	21.71	21.89	21.85			
10	QPSK	25	12	21.51	21.70	21.64	23	1	
10	QPSK	25	25	21.76	21.80	21.43			
10	QPSK	50	0	21.57	21.83	21.53	23	1	
10	16QAM	1	0	21.72	21.81	21.78			
10	16QAM	1	25	21.58	21.83	21.77	22	2	
10	16QAM	1	49	21.49	21.47	21.38			
10	16QAM	25	0	20.71	20.72	20.57	22	2	
10	16QAM	25	12	20.63	20.77	20.78			
10	16QAM	25	25	20.57	20.70	20.47	22	2	
10	16QAM	50	0	20.47	20.74	20.84			
10	64QAM	1	0	21.74	21.72	21.63	22	2	
10	64QAM	1	25	21.55	21.72	21.60			
10	64QAM	1	49	21.42	21.48	21.41	21	3	
10	64QAM	25	0	20.74	20.68	20.66			
10	64QAM	25	12	20.52	20.73	20.41	21	3	
10	64QAM	25	25	20.81	20.77	20.73			
10	64QAM	50	0	20.67	20.83	20.61	21	3	
Channel Frequency (MHz)				42115 3452.5	42590 3500	43065 3547.5			
5	QPSK	1	0	22.62	22.72	22.68	24	0	
5	QPSK	1	12	22.84	22.80	22.73			
5	QPSK	1	24	22.39	22.64	22.41	23	1	
5	QPSK	12	0	21.75	21.88	21.74			
5	QPSK	12	7	21.62	21.89	21.86	23	1	
5	QPSK	12	13	21.57	21.62	21.53			
5	QPSK	25	0	21.71	21.72	21.60	23	1	
5	16QAM	1	0	21.70	21.82	21.58			
5	16QAM	1	12	21.78	21.83	21.75	22	2	
5	16QAM	1	24	21.55	21.67	21.54			
5	16QAM	12	0	20.81	20.70	20.76	22	2	
5	16QAM	12	7	20.66	20.61	20.78			
5	16QAM	12	13	20.68	20.58	20.80	22	2	
5	16QAM	25	0	20.68	20.81	20.70			
5	64QAM	1	0	21.85	21.78	21.56	22	2	
5	64QAM	1	12	21.80	21.66	21.68			
5	64QAM	1	24	21.62	21.67	21.57	21	3	
5	64QAM	12	0	20.68	20.83	20.60			
5	64QAM	12	7	20.54	20.76	20.48	21	3	
5	64QAM	12	13	20.70	20.60	20.73			
5	64QAM	25	0	20.69	20.63	20.73	21	3	

Reduced Power Mode for DSI2

GSM850 Ant 0 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.09	32.33	32.11	33.50	23.09	23.33	23.11	24.50
GPRS 1 Tx slot	31.94	32.28	32.07	33.50	22.94	23.28	23.07	24.50
GPRS 2 Tx slots	29.50	29.53	29.41	30.50	23.50	23.53	23.41	24.50
GPRS 3 Tx slots	27.74	27.80	27.60	29.00	23.48	23.54	23.34	24.74
GPRS 4 Tx slots	26.27	26.33	26.25	27.50	23.27	23.33	23.25	24.50

Band		WCDMA V Ant 0 DSI2			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.35	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.41	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.47	22.34	23.00
3GPP Rel 6	HSDPA Subtest-2	22.33	22.45	22.40	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.89	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.84	21.95	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.46	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.38	22.40	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.88	21.88	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.88	21.86	21.88	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.47	22.39	23.00
3GPP Rel 6	HSUPA Subtest-2	20.38	20.40	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.42	21.46	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.42	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.35	22.45	22.34	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	19.94	19.85	20.50

GSM1900 Ant 1 DS12	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	1559.2	1880	1929.3		1559.2	1880	1929.6	
Frequency (MHz)	28.49	28.62	28.58	29.50	19.49	19.62	19.59	20.50
GSM 1 Tx slot	28.41	28.57	28.54	29.50	19.41	19.57	19.54	20.50
GPRS 2 Tx slot	25.95	26.09	26.07	26.50	19.95	20.09	20.07	20.50
GPRS 3 Tx slots	23.91	24.07	23.90	24.50	19.65	19.81	19.64	20.24
GPRS 4 Tx slots	22.63	22.77	22.57	23.00	19.63	19.77	19.57	20.00

GSM850 Ant 4 DS12		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		324.2	336.4	348.6		324.2	336.4	348.6	
GSM 1 Tx slot		26.50	26.53	26.50	27.80	17.50	17.58	17.50	18.80
GPRS 1 Tx slot		26.52	26.53	26.40	27.80	17.52	17.53	17.40	18.80
GPRS 2 Tx slot		23.48	23.53	23.46	24.80	17.48	17.53	17.46	18.80
GPRS 3 Tx slot		21.72	21.77	21.61	23.00	17.46	17.51	17.35	18.74
GPRS 4 Tx slot		20.94	21.06	20.93	21.80	17.94	18.06	17.93	18.80

Band		WCDMA V Ant 4 DS12			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99		AMR 12.2Kbps	19.62	19.66	19.59
3GPP Rel 99		RMC 12.2Kbps	19.70	19.73	19.66
3GPP Rel 6		HSDPA Subtest-1	18.71	18.69	18.65
3GPP Rel 6		HSDPA Subtest-2	18.73	18.72	18.66
3GPP Rel 6		HSDPA Subtest-3	18.15	18.27	18.16
3GPP Rel 6		HSDPA Subtest-4	18.15	18.20	18.10
3GPP Rel 8		DC-HSDPA Subtest-1	18.72	18.71	18.69
3GPP Rel 8		DC-HSDPA Subtest-2	18.66	18.72	18.64
3GPP Rel 8		DC-HSDPA Subtest-3	18.22	18.27	18.14
3GPP Rel 8		DC-HSDPA Subtest-4	18.21	18.20	18.16
3GPP Rel 6		HSUPA Subtest-1	18.74	18.72	18.70
3GPP Rel 6		HSUPA Subtest-2	16.76	16.74	16.61
3GPP Rel 6		HSUPA Subtest-3	17.71	17.74	17.63
3GPP Rel 6		HSUPA Subtest-4	16.67	16.74	16.63
3GPP Rel 6		HSUPA Subtest-5	18.74	18.79	18.61
3GPP Rel 7		HSPA+ (16QAM) Subtest-1	16.16	16.26	16.14

Band 5 Ant 0 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				20450	20525	20600	24	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.05	23.11	23.08			
10	QPSK	1	25	22.95	23.06	22.97			
10	QPSK	1	49	22.95	23.00	23.05	23	1	
10	QPSK	25	0	22.05	22.16	22.03			
10	QPSK	25	12	21.91	22.10	21.99			
10	QPSK	25	25	21.95	22.02	22.09			
10	QPSK	50	0	22.00	22.14	22.11	23	1	
10	16QAM	1	0	21.98	22.10	21.97			
10	16QAM	1	25	21.88	22.05	21.96			
10	16QAM	1	49	21.94	21.93	22.03			
10	16QAM	25	0	21.10	21.14	20.98	22	2	
10	16QAM	25	12	20.94	21.06	21.02			
10	16QAM	25	25	21.00	21.05	21.12			
10	16QAM	50	0	20.96	21.09	21.13			
10	64QAM	1	0	20.97	21.11	20.92	22	2	
10	64QAM	1	25	20.94	20.99	21.00			
10	64QAM	1	49	20.91	20.95	21.03			
10	64QAM	25	0	20.04	20.16	20.06			
10	64QAM	25	12	19.88	20.16	19.96	21	3	
10	64QAM	25	25	19.98	20.04	20.08			
10	64QAM	50	0	19.96	20.09	20.09			
Channel				20425	20525	20625	24	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.00	23.08	22.99			
5	QPSK	1	12	22.88	23.03	22.84			
5	QPSK	1	24	22.82	22.89	22.94	23	1	
5	QPSK	12	0	21.97	22.09	21.96			
5	QPSK	12	7	21.88	22.02	21.94			
5	QPSK	12	13	21.90	21.88	22.06			
5	QPSK	25	0	21.88	22.07	22.04	23	1	
5	16QAM	1	0	21.94	21.97	21.90			
5	16QAM	1	12	21.83	21.94	21.91			
5	16QAM	1	24	21.84	21.81	21.96			
5	16QAM	12	0	20.99	21.12	20.86	22	2	
5	16QAM	12	7	20.88	20.99	20.92			
5	16QAM	12	13	20.97	20.96	21.10			
5	16QAM	25	0	20.87	21.03	21.08			
5	64QAM	1	0	20.94	21.01	20.86	22	2	
5	64QAM	1	12	20.80	20.96	20.96			
5	64QAM	1	24	20.85	20.83	20.98			
5	64QAM	12	0	19.95	20.05	20.04			
5	64QAM	12	7	19.82	20.03	19.88	21	3	
5	64QAM	12	13	19.85	19.97	19.84			
5	64QAM	25	0	19.85	20.06	19.95			
Channel				20415	20525	20635	24	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.98	23.03	23.04			
3	QPSK	1	8	22.89	23.03	22.86			
3	QPSK	1	14	22.81	22.89	22.91	23	1	
3	QPSK	8	0	22.03	22.14	21.93			
3	QPSK	8	4	21.87	21.98	21.94			
3	QPSK	8	7	21.81	21.96	22.01			
3	QPSK	15	0	21.87	22.03	22.04	23	1	
3	16QAM	1	0	21.94	21.98	21.91			
3	16QAM	1	8	21.75	22.02	21.90			
3	16QAM	1	14	21.86	21.89	21.94			
3	16QAM	8	0	21.04	21.06	20.85	22	2	
3	16QAM	8	4	20.90	20.95	20.97			
3	16QAM	8	7	20.95	21.02	21.06			
3	16QAM	15	0	20.92	21.06	21.01			
3	64QAM	1	0	20.88	21.05	20.81	22	2	
3	64QAM	1	8	20.84	20.92	20.87			
3	64QAM	1	14	20.79	20.84	20.99			
3	64QAM	8	0	20.00	20.06	19.97			
3	64QAM	8	4	19.81	20.05	19.84	21	3	
3	64QAM	8	7	19.85	19.94	20.02			
3	64QAM	15	0	19.84	20.06	20.07			
Channel				20407	20525	20643	24	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.01	23.00	22.99			
1.4	QPSK	1	3	22.81	22.93	22.92			
1.4	QPSK	1	5	22.89	22.86	23.03	23	1	
1.4	QPSK	3	0	22.92	22.86	22.95			
1.4	QPSK	3	1	22.72	22.80	22.79			
1.4	QPSK	3	3	22.86	22.72	22.95			
1.4	QPSK	6	0	21.89	22.07	22.05	23	1	
1.4	16QAM	1	0	21.89	22.06	21.94			
1.4	16QAM	1	3	21.85	21.95	21.86			
1.4	16QAM	1	5	21.86	21.82	21.98			
1.4	16QAM	3	0	21.76	22.01	21.97	22	2	
1.4	16QAM	3	1	21.81	21.98	21.84			
1.4	16QAM	3	3	21.72	21.90	21.80			
1.4	16QAM	6	0	20.84	21.03	21.03			
1.4	64QAM	1	0	20.94	21.04	20.89	22	2	
1.4	64QAM	1	3	20.85	20.89	20.94			
1.4	64QAM	1	5	20.85	20.88	20.99			
1.4	64QAM	3	0	20.79	21.00	20.90			
1.4	64QAM	3	1	20.87	21.00	20.83	21	3	
1.4	64QAM	3	3	20.80	20.82	20.81			
1.4	64QAM	6	0	19.84	20.06	20.00			

Band 12 Ant 0 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	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.86	22.81	24		0
10	QPSK	1	25	22.73	22.83	22.74			
10	QPSK	1	49	22.79	22.78	22.71			
10	QPSK	25	0	21.83	21.92	21.83			
10	QPSK	25	12	21.75	21.82	21.71	23		1
10	QPSK	25	25	21.78	21.74	21.65			
10	QPSK	50	0	21.86	21.90	21.87			
10	16QAM	1	0	21.70	21.85	21.73			
10	16QAM	1	25	21.63	21.74	21.66	23		1
10	16QAM	1	49	21.65	21.64	21.55			
10	16QAM	25	0	20.84	20.97	20.84			
10	16QAM	25	12	20.70	20.76	20.65			
10	16QAM	25	25	20.74	20.70	20.67	22		2
10	16QAM	50	0	20.85	20.90	20.85			
10	64QAM	1	0	20.72	20.88	20.75			
10	64QAM	1	25	20.62	20.75	20.65			
10	64QAM	1	49	20.65	20.65	20.54	22		2
10	64QAM	25	0	19.82	19.87	19.82			
10	64QAM	25	12	19.70	19.84	19.65			
10	64QAM	25	25	19.84	19.76	19.61			
10	64QAM	50	0	19.82	19.95	19.89	21		3
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.76	22.79	22.70			
5	QPSK	1	12	22.64	22.72	22.63			
5	QPSK	1	24	22.72	22.73	22.63			
5	QPSK	12	0	21.78	21.80	21.75			
5	QPSK	12	7	21.62	21.70	21.64	23		1
5	QPSK	12	13	21.73	21.65	21.60			
5	QPSK	25	0	21.81	21.79	21.77			
5	16QAM	1	0	21.58	21.73	21.67			
5	16QAM	1	12	21.59	21.72	21.56	23		1
5	16QAM	1	24	21.61	21.52	21.43			
5	16QAM	12	0	20.72	20.93	20.81			
5	16QAM	12	7	20.57	20.71	20.62			
5	16QAM	12	13	20.60	20.64	20.58	22		2
5	16QAM	25	0	20.81	20.88	20.73			
5	64QAM	1	0	20.62	20.80	20.70			
5	64QAM	1	12	20.52	20.67	20.51			
5	64QAM	1	24	20.63	20.62	20.43	22		2
5	64QAM	12	0	19.74	19.73	19.75			
5	64QAM	12	7	19.56	19.75	19.51			
5	64QAM	12	13	19.82	19.72	19.56			
5	64QAM	25	0	19.77	19.90	19.78	21		3
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.71	22.73	22.71			
3	QPSK	1	8	22.71	22.79	22.60			
3	QPSK	1	14	22.70	22.71	22.67			
3	QPSK	8	0	21.72	21.89	21.75			
3	QPSK	8	4	21.69	21.70	21.65	23		1
3	QPSK	8	7	21.68	21.67	21.53			
3	QPSK	15	0	21.79	21.84	21.81			
3	16QAM	1	0	21.61	21.79	21.64			
3	16QAM	1	8	21.60	21.71	21.61	23		1
3	16QAM	1	14	21.61	21.59	21.46			
3	16QAM	8	0	20.77	20.93	20.81			
3	16QAM	8	4	20.63	20.69	20.54			
3	16QAM	8	7	20.61	20.64	20.62	22		2
3	16QAM	15	0	20.83	20.87	20.79			
3	64QAM	1	0	20.68	20.78	20.73			
3	64QAM	1	8	20.53	20.65	20.53			
3	64QAM	1	14	20.61	20.61	20.50	22		2
3	64QAM	8	0	19.76	19.76	19.71			
3	64QAM	8	4	19.64	19.76	19.52			
3	64QAM	8	7	19.77	19.65	19.51			
3	64QAM	15	0	19.75	19.86	19.86	21		3
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.78	22.82	22.67			
1.4	QPSK	1	3	22.67	22.69	22.63			
1.4	QPSK	1	5	22.72	22.75	22.67			
1.4	QPSK	3	0	22.69	22.78	22.58			
1.4	QPSK	3	1	22.60	22.67	22.57	23		1
1.4	QPSK	3	3	22.69	22.72	22.59			
1.4	QPSK	6	0	21.83	21.82	21.75			
1.4	16QAM	1	0	21.57	21.76	21.63			
1.4	16QAM	1	3	21.56	21.66	21.58	23		1
1.4	16QAM	1	5	21.58	21.58	21.42			
1.4	16QAM	3	0	21.80	21.72	21.71			
1.4	16QAM	3	1	21.50	21.63	21.52			
1.4	16QAM	3	3	21.42	21.55	21.50	22		2
1.4	16QAM	6	0	20.72	20.82	20.77			
1.4	64QAM	1	0	20.61	20.85	20.71			
1.4	64QAM	1	3	20.50	20.73	20.53			
1.4	64QAM	1	5	20.56	20.58	20.44	22		2
1.4	64QAM	3	0	20.63	20.75	20.74			
1.4	64QAM	3	1	20.50	20.83	20.58			
1.4	64QAM	3	3	20.39	20.59	20.50			
1.4	64QAM	6	0	19.73	19.88	19.81	21		3

Band 41 Ant 1 DSI2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.89	22.89	22.95	22.94	22.88	24	0	
20	QPSK	1	49	22.77	22.83	22.93	22.90	22.82			
20	QPSK	1	99	22.82	22.80	22.88	22.82	22.75			
20	QPSK	50	0	21.85	21.94	21.97	21.91	21.87	23	1	
20	QPSK	50	24	21.77	21.84	21.91	21.88	21.87			
20	QPSK	50	50	21.77	21.82	21.83	21.76	21.80			
20	QPSK	100	0	21.86	21.87	21.95	21.92	21.89	23	1	
20	16QAM	1	0	21.73	21.84	21.93	21.86	21.74			
20	16QAM	1	49	21.64	21.78	21.87	21.78	21.81			
20	16QAM	1	99	21.66	21.73	21.70	21.67	21.74	22	2	
20	16QAM	50	0	20.80	20.97	20.98	20.96	20.91			
20	16QAM	50	24	20.79	20.89	20.92	20.88	20.93			
20	16QAM	50	50	20.72	20.87	20.85	20.78	20.82	22	2	
20	16QAM	100	0	20.88	20.82	20.92	20.93	20.85			
20	64QAM	1	0	20.68	20.83	20.87	20.91	20.73			
20	64QAM	1	49	20.59	20.78	20.93	20.74	20.75	21	3	
20	64QAM	1	99	20.63	20.70	20.71	20.69	20.79			
20	64QAM	50	0	19.84	19.92	19.98	19.89	19.84			
20	64QAM	50	24	19.80	19.81	19.90	19.92	19.82	21	3	
20	64QAM	50	50	19.76	19.76	19.85	19.72	19.75			
20	64QAM	100	0	19.92	19.88	19.97	19.96	19.84			
Channel				39725	40173	40620	41093	41515			
Frequency (MHz)				2533.5	2543.3	2593	2637.8	2682.5			
15	QPSK	1	0	22.84	22.86	22.83	22.81	22.80	24	0	
15	QPSK	1	37	22.64	22.78	22.85	22.84	22.73			
15	QPSK	1	74	22.77	22.66	22.77	22.75	22.62			
15	QPSK	36	0	21.78	21.92	21.94	21.87	21.75	23	1	
15	QPSK	36	20	21.74	21.72	21.85	21.81	21.84			
15	QPSK	36	39	21.70	21.68	21.77	21.62	21.68			
15	QPSK	75	0	21.83	21.76	21.84	21.89	21.82	23	1	
15	16QAM	1	0	21.61	21.82	21.80	21.81	21.71			
15	16QAM	1	37	21.60	21.75	21.78	21.71	21.76			
15	16QAM	1	74	21.59	21.71	21.58	21.59	21.71	22	2	
15	16QAM	36	0	20.72	20.89	20.88	20.85	20.86			
15	16QAM	36	20	20.71	20.76	20.83	20.82	20.84			
15	16QAM	36	39	20.60	20.75	20.81	20.71	20.76	22	2	
15	16QAM	75	0	20.82	20.69	20.86	20.81	20.77			
15	64QAM	1	0	20.60	20.75	20.84	20.79	20.65			
15	64QAM	1	37	20.57	20.71	20.89	20.86	20.64	21	3	
15	64QAM	1	74	20.53	20.60	20.66	20.56	20.73			
15	64QAM	36	0	19.72	19.81	19.91	19.81	19.80			
15	64QAM	36	20	19.73	19.75	19.83	19.86	19.73	21	3	
15	64QAM	36	39	19.62	19.66	19.76	19.65	19.64			
15	64QAM	75	0	19.83	19.83	19.86	19.90	19.82			
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.77	22.75	22.88	22.82	22.75	24	0	
10	QPSK	1	25	22.64	22.75	22.80	22.85	22.80			
10	QPSK	1	49	22.78	22.72	22.80	22.71	22.68			
10	QPSK	25	0	21.75	21.83	21.94	21.78	21.82	23	1	
10	QPSK	25	12	21.63	21.74	21.77	21.75	21.80			
10	QPSK	25	25	21.64	21.70	21.81	21.64	21.70			
10	QPSK	50	0	21.74	21.80	21.84	21.86	21.75	23	1	
10	16QAM	1	0	21.70	21.71	21.84	21.72	21.63			
10	16QAM	1	25	21.56	21.72	21.80	21.70	21.72			
10	16QAM	1	49	21.60	21.64	21.67	21.63	21.62	22	2	
10	16QAM	25	0	20.75	20.90	20.90	20.94	20.87			
10	16QAM	25	12	20.67	20.85	20.83	20.84	20.86			
10	16QAM	25	25	20.68	20.78	20.72	20.70	20.77	22	2	
10	16QAM	50	0	20.82	20.79	20.84	20.89	20.79			
10	64QAM	1	0	20.56	20.79	20.80	20.84	20.67			
10	64QAM	1	25	20.48	20.69	20.87	20.65	20.70	21	3	
10	64QAM	1	49	20.51	20.65	20.63	20.59	20.65			
10	64QAM	25	0	19.78	19.88	19.91	19.77	19.77			
10	64QAM	25	12	19.68	19.77	19.76	19.80	19.68	21	3	
10	64QAM	25	25	19.74	19.73	19.73	19.64	19.73			
10	64QAM	50	0	19.85	19.75	19.89	19.90	19.73			
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.86	22.82	22.87	22.90	22.80	24	0	
5	QPSK	1	12	22.89	22.89	22.90	22.84	22.72			
5	QPSK	1	24	22.73	22.67	22.83	22.73	22.70			
5	QPSK	12	0	21.81	21.90	21.84	21.84	21.84	23	1	
5	QPSK	12	7	21.75	21.78	21.84	21.78	21.75			
5	QPSK	12	13	21.64	21.70	21.79	21.74	21.74			
5	QPSK	25	0	21.76	21.82	21.90	21.80	21.75	23	1	
5	16QAM	1	0	21.63	21.74	21.88	21.78	21.70			
5	16QAM	1	12	21.51	21.66	21.75	21.68	21.77			
5	16QAM	1	24	21.61	21.68	21.63	21.56	21.70	22	2	
5	16QAM	12	0	20.77	20.91	20.90	20.86	20.83			
5	16QAM	12	7	20.75	20.78	20.82	20.82	20.85			
5	16QAM	12	13	20.68	20.75	20.75	20.69	20.68	21	3	
5	16QAM	25	0	20.80	20.71	20.87	20.90	20.73			
5	64QAM	1	0	20.64	20.71	20.85	20.81	20.65			
5	64QAM	1	12	20.47	20.66	20.89	20.65	20.61	22	2	
5	64QAM	1	24	20.56	20.65	20.61	20.66	20.74			
5	64QAM	12	0	19.82	19.89	19.91	19.85	19.81			
5	64QAM	12	7	19.70	19.68	19.80	19.84	19.74	21	3	
5	64QAM	12	13	19.63	19.64	19.78	19.63	19.72			
5	64QAM	25	0	19.82	19.78	19.89	19.94	19.79			

Band 5 Ant 4 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				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	18.58	18.62	18.55	19.6	0				
10	QPSK	1	25	18.46	18.60	18.51						
10	QPSK	1	49	18.54	18.58	18.44						
10	QPSK	25	0	18.45	18.56	18.51						
10	QPSK	25	12	18.33	18.55	18.45	19.6	0				
10	QPSK	25	25	18.45	18.47	18.31						
10	QPSK	50	0	18.48	18.51	18.49						
10	16QAM	1	0	18.54	18.49	18.42						
10	16QAM	1	25	18.34	18.46	18.45	19.6	0				
10	16QAM	1	49	18.48	18.52	18.31						
10	16QAM	25	0	18.42	18.51	18.38						
10	16QAM	25	12	18.26	18.45	18.37						
10	16QAM	25	25	18.37	18.38	18.22	19.6	0				
10	16QAM	50	0	18.41	18.37	18.36						
10	64QAM	1	0	18.54	18.48	18.51						
10	64QAM	1	25	18.41	18.53	18.38						
10	64QAM	1	49	18.49	18.47	18.42	19.6	0				
10	64QAM	25	0	18.35	18.49	18.41						
10	64QAM	25	12	18.31	18.43	18.33						
10	64QAM	25	25	18.38	18.34	18.17						
10	64QAM	50	0	18.44	18.38	18.45						
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	18.44	18.55	18.41	19.6	0				
5	QPSK	1	12	18.33	18.50	18.41						
5	QPSK	1	24	18.51	18.44	18.35						
5	QPSK	12	0	18.43	18.49	18.40						
5	QPSK	12	7	18.23	18.42	18.40	19.6	0				
5	QPSK	12	13	18.38	18.39	18.20						
5	QPSK	25	0	18.41	18.42	18.38						
5	16QAM	1	0	18.44	18.39	18.33						
5	16QAM	1	12	18.30	18.32	18.43	19.6	0				
5	16QAM	1	24	18.34	18.40	18.28						
5	16QAM	12	0	18.30	18.42	18.35						
5	16QAM	12	7	18.13	18.34	18.30						
5	16QAM	12	13	18.25	18.24	18.18	19.6	0				
5	16QAM	25	0	18.37	18.25	18.26						
5	64QAM	1	0	18.44	18.39	18.43						
5	64QAM	1	12	18.29	18.47	18.31						
5	64QAM	1	24	18.39	18.40	18.30	19.6	0				
5	64QAM	12	0	18.21	18.45	18.37						
5	64QAM	12	7	18.17	18.34	18.26						
5	64QAM	12	13	18.25	18.25	18.10						
5	64QAM	25	0	18.32	18.28	18.41						
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				825.5	836.5	847.5						
3	QPSK	1	0	18.45	18.53	18.52	19.6	0				
3	QPSK	1	8	18.40	18.48	18.38						
3	QPSK	1	14	18.44	18.52	18.36						
3	QPSK	8	0	18.41	18.44	18.37						
3	QPSK	8	4	18.29	18.48	18.33	19.6	0				
3	QPSK	8	7	18.42	18.38	18.25						
3	QPSK	15	0	18.40	18.39	18.36						
3	16QAM	1	0	18.51	18.39	18.31						
3	16QAM	1	8	18.31	18.37	18.37	19.6	0				
3	16QAM	1	14	18.35	18.42	18.27						
3	16QAM	8	0	18.32	18.39	18.30						
3	16QAM	8	4	18.21	18.32	18.31						
3	16QAM	8	7	18.29	18.30	18.11	19.6	0				
3	16QAM	15	0	18.28	18.26	18.30						
3	64QAM	1	0	18.50	18.35	18.47						
3	64QAM	1	8	18.37	18.45	18.31						
3	64QAM	1	14	18.47	18.36	18.32	19.6	0				
3	64QAM	8	0	18.24	18.45	18.28						
3	64QAM	8	4	18.27	18.38	18.30						
3	64QAM	8	7	18.33	18.27	18.13						
3	64QAM	15	0	18.31	18.31	18.34						
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	18.49	18.56	18.51	19.6	0				
1.4	QPSK	1	3	18.39	18.47	18.39						
1.4	QPSK	1	5	18.44	18.49	18.38						
1.4	QPSK	3	0	18.32	18.45	18.41						
1.4	QPSK	3	1	18.22	18.52	18.42	19.6	0				
1.4	QPSK	3	3	18.34	18.37	18.26						
1.4	QPSK	6	0	18.44	18.45	18.39						
1.4	16QAM	1	0	18.46	18.36	18.36						
1.4	16QAM	1	3	18.30	18.41	18.35	19.6	0				
1.4	16QAM	1	5	18.45	18.50	18.28						
1.4	16QAM	3	0	18.29	18.48	18.28						
1.4	16QAM	3	1	18.19	18.37	18.34						
1.4	16QAM	3	3	18.29	18.25	18.16	19.6	0				
1.4	16QAM	6	0	18.37	18.28	18.33						
1.4	64QAM	1	0	18.42	18.42	18.43						
1.4	64QAM	1	3	18.35	18.51	18.29						
1.4	64QAM	1	5	18.36	18.36	18.36	19.6	0				
1.4	64QAM	3	0	18.24	18.42	18.29						
1.4	64QAM	3	1	18.23	18.30	18.21						
1.4	64QAM	3	3	18.25	18.23	18.06						
1.4	64QAM	6	0	18.35	18.32	18.39	19.6	0				

Band 12 Ant 4 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				23060	23095	23130				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	19.36	19.42	19.38	20.2	0		
10	QPSK	1	25	19.32	19.38	19.36				
10	QPSK	1	49	19.25	19.37	19.34				
10	QPSK	25	0	19.27	19.39	19.32				
10	QPSK	25	12	19.30	19.30	19.34	20.2	0		
10	QPSK	25	25	19.27	19.33	19.32				
10	QPSK	50	0	19.31	19.35	19.34				
10	16QAM	1	0	19.23	19.29	19.30				
10	16QAM	1	25	19.23	19.30	19.31	20.2	0		
10	16QAM	1	49	19.19	19.29	19.22				
10	16QAM	25	0	19.22	19.31	19.27				
10	16QAM	25	12	19.17	19.21	19.26				
10	16QAM	25	25	19.19	19.30	19.24	20.2	0		
10	16QAM	50	0	19.20	19.28	19.24				
10	64QAM	1	0	19.32	19.30	19.36				
10	64QAM	1	25	19.29	19.27	19.23				
10	64QAM	1	49	19.21	19.34	19.23	20.2	0		
10	64QAM	25	0	19.13	19.23	19.22				
10	64QAM	25	12	19.08	19.21	19.10				
10	64QAM	25	25	19.07	19.21	19.17				
10	64QAM	50	0	19.09	19.18	19.10	20	0.2		
Channel				23035	23095	23165				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	19.34	19.36	19.32			20.2	0
5	QPSK	1	12	19.19	19.32	19.27				
5	QPSK	1	24	19.21	19.34	19.22				
5	QPSK	12	0	19.22	19.27	19.20				
5	QPSK	12	7	19.24	19.21	19.25	20.2	0		
5	QPSK	12	13	19.16	19.30	19.20				
5	QPSK	25	0	19.23	19.29	19.23				
5	16QAM	1	0	19.16	19.25	19.21				
5	16QAM	1	12	19.13	19.17	19.27	20.2	0		
5	16QAM	1	24	19.07	19.23	19.13				
5	16QAM	12	0	19.18	19.19	19.17				
5	16QAM	12	7	19.11	19.08	19.20				
5	16QAM	12	13	19.12	19.19	19.12	20.2	0		
5	16QAM	25	0	19.12	19.24	19.18				
5	64QAM	1	0	19.26	19.17	19.25				
5	64QAM	1	12	19.16	19.20	19.19				
5	64QAM	1	24	19.13	19.30	19.15	20.2	0		
5	64QAM	12	0	19.09	19.14	19.13				
5	64QAM	12	7	19.00	19.18	18.96				
5	64QAM	12	13	18.99	19.08	19.13				
5	64QAM	25	0	18.95	19.16	19.07	20	0.2		
Channel				23025	23095	23165				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	19.29	19.32	19.30			20.2	0
3	QPSK	1	8	19.20	19.27	19.26				
3	QPSK	1	14	19.22	19.32	19.29				
3	QPSK	8	0	19.25	19.33	19.24				
3	QPSK	8	4	19.19	19.18	19.25	20.2	0		
3	QPSK	8	7	19.18	19.29	19.25				
3	QPSK	15	0	19.28	19.22	19.25				
3	16QAM	1	0	19.17	19.17	19.17				
3	16QAM	1	8	19.15	19.19	19.28	20.2	0		
3	16QAM	1	14	19.16	19.21	19.15				
3	16QAM	8	0	19.11	19.20	19.21				
3	16QAM	8	4	19.14	19.19	19.14				
3	16QAM	8	7	19.10	19.17	19.20	20.2	0		
3	16QAM	15	0	19.08	19.14	19.13				
3	64QAM	1	0	19.19	19.27	19.32				
3	64QAM	1	8	19.20	19.18	19.19				
3	64QAM	1	14	19.12	19.26	19.12	20.2	0		
3	64QAM	8	0	19.08	19.21	19.09				
3	64QAM	8	4	18.95	19.09	18.98				
3	64QAM	8	7	18.99	19.17	19.10				
3	64QAM	15	0	18.99	19.14	18.99	20	0.2		
Channel				23017	23095	23173				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	19.30	19.36	19.33			20.2	0
1.4	QPSK	1	3	19.22	19.33	19.25				
1.4	QPSK	1	5	19.21	19.33	19.29				
1.4	QPSK	3	0	19.14	19.27	19.19				
1.4	QPSK	3	1	19.22	19.19	19.32	20.2	0		
1.4	QPSK	3	3	19.24	19.22	19.19				
1.4	QPSK	6	0	19.27	19.24	19.30				
1.4	16QAM	1	0	19.11	19.27	19.26				
1.4	16QAM	1	3	19.12	19.26	19.23	20.2	0		
1.4	16QAM	1	5	19.08	19.26	19.12				
1.4	16QAM	3	0	19.14	19.21	19.17				
1.4	16QAM	3	1	19.07	19.08	19.16				
1.4	16QAM	3	3	19.13	19.24	19.21	20.2	0		
1.4	16QAM	6	0	19.07	19.15	19.21				
1.4	64QAM	1	0	19.26	19.19	19.26				
1.4	64QAM	1	3	19.17	19.23	19.19				
1.4	64QAM	1	5	19.17	19.21	19.14	20.2	0		
1.4	64QAM	3	0	19.04	19.16	19.08				
1.4	64QAM	3	1	19.02	19.10	19.05				
1.4	64QAM	3	3	19.04	19.15	19.15				
1.4	64QAM	6	0	18.96	19.11	18.99	20	0.2		

LTE Band 42 Ant 5 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	20.3	0	
Frequency (MHz)				3450	3500	3550			
20	QPSK	1	0	19.22	19.26	19.29	20.3	0	
20	QPSK	1	49	19.17	19.22	19.10			
20	QPSK	1	99	19.18	19.17	19.08			
20	QPSK	50	0	19.15	19.22	19.08			
20	QPSK	50	24	19.14	19.14	19.08			
20	QPSK	50	50	19.13	19.20	19.17	20.3	0	
20	QPSK	100	0	19.20	19.18	19.12			
20	16QAM	1	0	19.19	19.17	19.11			
20	16QAM	1	49	19.12	19.13	19.00		20.3	
20	16QAM	1	99	19.10	19.08	19.05			
20	16QAM	50	0	19.04	19.16	18.98			
20	16QAM	50	24	19.12	19.08	18.97			
20	16QAM	50	50	19.04	19.12	19.13	20.3	0	
20	16QAM	100	0	19.16	19.07	19.06			
20	64QAM	1	0	19.13	19.14	19.09			
20	64QAM	1	49	19.08	19.12	19.05		20.3	
20	64QAM	1	99	19.11	19.12	19.05			
20	64QAM	50	0	19.02	19.13	19.04			
20	64QAM	50	24	19.12	19.06	18.99			
20	64QAM	50	50	19.07	19.18	19.05	20.3	0	
20	64QAM	100	0	19.11	19.05	19.04			
Channel				42195	42595	42995	20.3	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.08	19.23	19.11	20.3	0	
15	QPSK	1	37	19.03	19.10	18.99			
15	QPSK	1	74	19.06	19.08	18.98			
15	QPSK	36	0	19.02	19.20	19.04			
15	QPSK	36	20	19.06	19.08	19.02	20.3	0	
15	QPSK	36	39	19.01	19.14	19.14			
15	QPSK	75	0	19.12	19.08	19.06			
15	16QAM	1	0	19.16	19.03	19.06			
15	16QAM	1	37	19.07	19.07	18.96	20.3	0	
15	16QAM	1	74	18.98	19.97	18.97			
15	16QAM	36	0	19.02	19.10	18.92			
15	16QAM	36	20	19.05	18.99	18.87			
15	16QAM	36	39	18.99	19.08	19.06	20.3	0	
15	16QAM	75	0	19.03	19.03	19.01			
15	64QAM	1	0	19.05	19.03	19.00			
15	64QAM	1	37	19.04	19.08	18.93			
15	64QAM	1	74	18.99	19.04	18.97	20.3	0	
15	64QAM	36	0	18.98	19.02	18.91			
15	64QAM	36	20	19.09	19.02	18.91			
15	64QAM	36	39	19.00	19.10	18.97			
15	64QAM	75	0	18.98	19.96	18.96	20.3	0	
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	20.3	0	
10	QPSK	1	0	19.15	19.13	19.10			
10	QPSK	1	25	19.08	19.12	19.02	20.3	0	
10	QPSK	1	49	19.08	19.08	18.96			
10	QPSK	25	0	19.01	19.14	18.97			
10	QPSK	25	12	19.10	19.08	19.02			
10	QPSK	25	25	19.02	19.13	19.12	20.3	0	
10	QPSK	50	0	19.07	19.09	19.00			
10	16QAM	1	0	19.06	19.06	19.05			
10	16QAM	1	25	19.04	19.01	18.97			
10	16QAM	1	49	19.04	18.94	18.89	20.3	0	
10	16QAM	25	0	19.00	19.12	19.90			
10	16QAM	25	12	18.98	19.00	18.90			
10	16QAM	25	25	18.98	18.98	19.10			
10	16QAM	50	0	19.13	19.03	19.02	20.3	0	
10	64QAM	1	0	19.04	19.01	18.99			
10	64QAM	1	25	19.02	19.01	19.01			
10	64QAM	1	49	19.07	19.04	19.00			
10	64QAM	25	0	18.95	19.03	18.97	20.3	0	
10	64QAM	25	12	19.05	19.96	18.98			
10	64QAM	25	25	18.96	19.11	18.95			
10	64QAM	50	0	19.05	19.92	18.93			
Channel				42115	42590	43095	20.3	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.11	19.18	19.16	20.3	0	
5	QPSK	1	12	19.07	19.13	19.00			
5	QPSK	1	24	19.13	19.09	18.99			
5	QPSK	12	0	19.01	19.16	18.94			
5	QPSK	12	7	19.06	19.03	19.04	20.3	0	
5	QPSK	12	13	19.11	19.17	19.08			
5	QPSK	25	0	19.14	19.08	19.08			
5	16QAM	1	0	19.08	19.12	19.08			
5	16QAM	1	12	19.06	19.01	18.92	20.3	0	
5	16QAM	1	24	19.00	19.03	19.02			
5	16QAM	12	0	18.95	19.04	18.90			
5	16QAM	12	7	19.00	18.94	18.89			
5	16QAM	12	13	18.94	19.03	19.03	20.3	0	
5	16QAM	25	0	19.14	19.99	18.98			
5	64QAM	1	0	19.06	19.02	19.07			
5	64QAM	1	12	18.96	19.01	18.96			
5	64QAM	1	24	19.09	19.02	18.96	20.3	0	
5	64QAM	12	0	18.88	19.09	18.91			
5	64QAM	12	7	19.01	19.01	18.86			
5	64QAM	12	13	19.00	19.15	18.99			
5	64QAM	25	0	19.02	18.93	18.97			

Reduced Power Mode for DSI3

GSM850 Ant 0 DSI3		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.09	32.33	32.11	33.50	23.09	23.33	23.11	24.50
GPRS 1 Tx slot		31.94	32.28	32.07	33.50	22.94	23.28	23.07	24.50
GPRS 2 Tx slots		29.50	29.53	29.41	30.50	23.50	23.53	23.41	24.50
GPRS 3 Tx slots		27.74	27.80	27.60	29.00	23.48	23.54	23.34	24.74
GPRS 4 Tx slots		26.27	26.33	26.25	27.50	23.27	23.33	23.25	24.50

Band		WCDMA V Ant 0 DSI3			Tune-up Limit (dBm)
Tx Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.35	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.41	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.47	22.34	23.00
3GPP Rel 6	HSDPA Subtest-2	22.33	22.45	22.40	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.89	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.84	21.95	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.46	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.38	22.40	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.88	21.88	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.88	21.86	21.88	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.47	22.39	23.00
3GPP Rel 6	HSUPA Subtest-2	20.38	20.40	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.42	21.46	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.42	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.35	22.45	22.34	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	19.94	19.85	20.50

GSM1900 Ant 1 DSIS	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8		1850.2	1860	1909.8	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.49	28.62	28.58	29.50	19.49	19.62	19.58	20.50
GPRS 1 Tx slot	28.41	28.57	28.54	29.50	19.41	19.57	19.54	20.50
GPRS 2 Tx slots	25.95	26.09	26.07	26.50	19.95	20.09	20.07	20.50
GPRS 3 Tx slots	23.91	24.07	23.90	24.50	19.65	19.81	19.64	20.24
GPRS 4 Tx slots	22.63	22.77	22.57	23.00	19.63	19.77	19.57	20.00

GSM850 Ant 4 DSIS		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot		32.44	32.51	32.55	33.50	23.44	23.51	23.55	24.50
GPRS 1 Tx slot		32.39	32.52	32.51	33.50	23.39	23.52	23.51	24.50
GPRS 2 Tx slots		30.81	30.85	30.76	31.80	24.81	24.85	24.76	25.80
GPRS 3 Tx slots		28.63	28.69	28.82	29.50	24.37	24.43	24.56	25.24
GPRS 4 Tx slots		27.46	27.48	27.53	28.50	24.46	24.48	24.53	25.50

Band		WCDMA V. Ant 4 DSIS			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.64	21.68	21.59	23.00
3GPP Rel 99	RMC 12.2Kbps	21.70	21.74	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	20.72	20.80	20.66	22.00
3GPP Rel 6	HSDPA Subtest-2	20.65	20.76	20.73	22.00
3GPP Rel 6	HSDPA Subtest-3	20.19	20.24	20.24	21.50
3GPP Rel 6	HSDPA Subtest-4	20.21	20.22	20.24	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.73	20.71	20.64	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.74	20.70	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.16	20.23	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.18	20.24	20.17	21.50
3GPP Rel 6	HSUPA Subtest-1	20.69	20.77	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	18.69	18.80	18.65	20.00
3GPP Rel 6	HSUPA Subtest-3	19.70	19.77	19.67	21.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.73	18.68	20.00
3GPP Rel 6	HSUPA Subtest-5	20.68	20.79	20.65	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.18	18.25	18.13	19.50

Band 5 Ant 0 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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.05	23.11	23.08	24	0	
10	QPSK	1	25	22.95	23.06	22.97			
10	QPSK	1	49	22.95	23.00	23.05			
10	QPSK	25	0	22.05	22.16	22.03			
10	QPSK	25	12	21.91	22.10	21.99	23	1	
10	QPSK	25	25	21.95	22.02	22.09			
10	QPSK	50	0	22.00	22.14	22.11			
10	16QAM	1	0	21.98	22.10	21.97			
10	16QAM	1	25	21.88	22.05	21.96	23	1	
10	16QAM	1	49	21.94	21.93	22.03			
10	16QAM	25	0	21.10	21.14	20.98			
10	16QAM	25	12	20.94	21.06	21.02			
10	16QAM	25	25	21.00	21.05	21.12	22	2	
10	16QAM	50	0	20.96	21.09	21.13			
10	64QAM	1	0	20.97	21.11	20.92			
10	64QAM	1	25	20.94	20.99	21.00			
10	64QAM	1	49	20.91	20.95	21.03	22	2	
10	64QAM	25	0	20.04	20.16	20.06			
10	64QAM	25	12	19.88	20.16	19.96			
10	64QAM	25	25	19.98	20.04	20.08			
10	64QAM	50	0	19.96	20.09	20.09	21	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.00	23.08	22.99	24	0	
5	QPSK	1	12	22.88	23.03	22.84			
5	QPSK	1	24	22.82	22.89	22.94			
5	QPSK	12	0	21.97	22.09	21.96			
5	QPSK	12	7	21.88	22.02	21.94	23	1	
5	QPSK	12	13	21.90	21.88	22.06			
5	QPSK	25	0	21.88	22.07	22.04			
5	16QAM	1	0	21.94	21.97	21.90			
5	16QAM	1	12	21.83	21.94	21.91	23	1	
5	16QAM	1	24	21.84	21.81	21.96			
5	16QAM	12	0	20.99	21.12	20.86			
5	16QAM	12	7	20.88	20.99	20.92			
5	16QAM	12	13	20.97	20.96	21.10	22	2	
5	16QAM	25	0	20.87	21.03	21.08			
5	64QAM	1	0	20.94	21.01	20.86			
5	64QAM	1	12	20.80	20.96	20.96			
5	64QAM	1	24	20.85	20.83	20.98	22	2	
5	64QAM	12	0	19.95	20.05	20.04			
5	64QAM	12	7	19.82	20.03	19.88			
5	64QAM	12	13	19.85	19.97	19.84			
5	64QAM	25	0	19.85	20.06	19.95	21	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.98	23.03	23.04	24	0	
3	QPSK	1	8	22.89	23.03	22.86			
3	QPSK	1	14	22.81	22.89	22.91			
3	QPSK	8	0	22.03	22.14	21.93			
3	QPSK	8	4	21.87	21.98	21.94	23	1	
3	QPSK	8	7	21.81	21.96	22.01			
3	QPSK	15	0	21.87	22.03	22.04			
3	16QAM	1	0	21.94	21.98	21.91			
3	16QAM	1	8	21.75	22.02	21.90	23	1	
3	16QAM	1	14	21.86	21.89	21.94			
3	16QAM	8	0	21.04	21.06	20.85			
3	16QAM	8	4	20.90	20.95	20.97			
3	16QAM	8	7	20.95	21.02	21.06	22	2	
3	16QAM	15	0	20.92	21.06	21.01			
3	64QAM	1	0	20.88	21.05	20.81			
3	64QAM	1	8	20.84	20.92	20.87			
3	64QAM	1	14	20.79	20.84	20.99	21	3	
3	64QAM	8	0	20.00	20.06	19.97			
3	64QAM	8	4	19.81	20.05	19.84			
3	64QAM	8	7	19.85	19.94	20.02			
3	64QAM	15	0	19.84	20.06	20.07	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.01	23.00	22.99	24	0	
1.4	QPSK	1	3	22.81	22.93	22.92			
1.4	QPSK	1	5	22.89	22.86	23.03			
1.4	QPSK	3	0	22.92	22.86	22.95			
1.4	QPSK	3	1	22.72	22.80	22.79	23	1	
1.4	QPSK	3	3	22.86	22.72	22.95			
1.4	QPSK	6	0	21.89	22.07	22.05			
1.4	16QAM	1	0	21.89	22.08	21.94			
1.4	16QAM	1	3	21.85	21.95	21.86	23	1	
1.4	16QAM	1	5	21.86	21.82	21.99			
1.4	16QAM	3	0	21.76	22.01	21.97			
1.4	16QAM	3	1	21.81	21.98	21.84			
1.4	16QAM	3	3	21.72	21.90	21.80	22	2	
1.4	16QAM	6	0	20.84	21.03	21.03			
1.4	64QAM	1	0	20.94	21.04	20.89			
1.4	64QAM	1	3	20.85	20.89	20.94			
1.4	64QAM	1	5	20.85	20.88	20.99	22	2	
1.4	64QAM	3	0	20.79	21.00	20.90			
1.4	64QAM	3	1	20.87	21.00	20.83			
1.4	64QAM	3	3	20.80	20.82	20.81			
1.4	64QAM	6	0	19.84	20.06	20.00	21	3	

Band 12 Ant 0 DS13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR	
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.			
				Channel	23060	23065			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.86	22.81	24	0	
10	QPSK	1	25	22.73	22.83	22.74			
10	QPSK	1	49	22.79	22.78	22.71			
10	QPSK	25	0	21.83	21.92	21.83			
10	QPSK	25	12	21.75	21.82	21.71	23	1	
10	QPSK	25	25	21.78	21.74	21.65			
10	QPSK	50	0	21.86	21.90	21.87			
10	16QAM	1	0	21.70	21.85	21.73			
10	16QAM	1	25	21.63	21.74	21.66	23	1	
10	16QAM	1	49	21.65	21.64	21.55			
10	16QAM	25	0	20.84	20.97	20.84			
10	16QAM	25	12	20.70	20.76	20.65			
10	16QAM	25	25	20.74	20.70	20.67	22	2	
10	16QAM	50	0	20.85	20.90	20.85			
10	64QAM	1	0	20.72	20.88	20.75			
10	64QAM	1	25	20.62	20.75	20.65			
10	64QAM	1	49	20.65	20.65	20.54	22	2	
10	64QAM	25	0	19.82	19.87	19.82			
10	64QAM	25	12	19.70	19.84	19.65			
10	64QAM	25	25	19.84	19.76	19.61			
10	64QAM	50	0	19.82	19.95	19.89	21	3	
Channel				23035	23065	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.76	22.79	22.70	24	0	
5	QPSK	1	12	22.64	22.72	22.63			
5	QPSK	1	24	22.72	22.73	22.63			
5	QPSK	12	0	21.78	21.80	21.75			
5	QPSK	12	7	21.62	21.70	21.64	23	1	
5	QPSK	12	13	21.73	21.65	21.60			
5	QPSK	25	0	21.81	21.79	21.77			
5	16QAM	1	0	21.58	21.73	21.67			
5	16QAM	1	12	21.59	21.72	21.56	23	1	
5	16QAM	1	24	21.61	21.52	21.43			
5	16QAM	12	0	20.72	20.93	20.81			
5	16QAM	12	7	20.57	20.71	20.62			
5	16QAM	12	13	20.60	20.64	20.58	22	2	
5	16QAM	25	0	20.81	20.88	20.73			
5	64QAM	1	0	20.62	20.80	20.70			
5	64QAM	1	12	20.52	20.67	20.51			
5	64QAM	1	24	20.63	20.62	20.43	22	2	
5	64QAM	12	0	19.74	19.73	19.75			
5	64QAM	12	7	19.56	19.75	19.51			
5	64QAM	12	13	19.82	19.72	19.56			
5	64QAM	25	0	19.77	19.90	19.78	21	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.71	22.73	22.71	24	0	
3	QPSK	1	8	22.71	22.79	22.60			
3	QPSK	1	14	22.70	22.71	22.67			
3	QPSK	8	0	21.72	21.89	21.75			
3	QPSK	8	4	21.69	21.70	21.65	23	1	
3	QPSK	8	7	21.68	21.67	21.53			
3	QPSK	15	0	21.79	21.84	21.81			
3	16QAM	1	0	21.61	21.79	21.64			
3	16QAM	1	8	21.60	21.71	21.61	23	1	
3	16QAM	1	14	21.61	21.59	21.46			
3	16QAM	8	0	20.77	20.93	20.81			
3	16QAM	8	4	20.63	20.69	20.54			
3	16QAM	8	7	20.61	20.64	20.62	22	2	
3	16QAM	15	0	20.83	20.87	20.79			
3	64QAM	1	0	20.68	20.78	20.73			
3	64QAM	1	8	20.53	20.65	20.53			
3	64QAM	1	14	20.61	20.61	20.50	22	2	
3	64QAM	8	0	19.76	19.76	19.71			
3	64QAM	8	4	19.64	19.76	19.52			
3	64QAM	8	7	19.77	19.65	19.51			
3	64QAM	15	0	19.75	19.86	19.86	21	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.78	22.82	22.67	24	0	
1.4	QPSK	1	3	22.67	22.69	22.63			
1.4	QPSK	1	5	22.72	22.75	22.67			
1.4	QPSK	3	0	22.69	22.78	22.58			
1.4	QPSK	3	1	22.60	22.67	22.57	23	1	
1.4	QPSK	3	3	22.69	22.72	22.59			
1.4	QPSK	6	0	21.83	21.82	21.75			
1.4	16QAM	1	0	21.57	21.76	21.63			
1.4	16QAM	1	3	21.56	21.66	21.58	23	1	
1.4	16QAM	1	5	21.58	21.58	21.42			
1.4	16QAM	3	0	21.80	21.72	21.71			
1.4	16QAM	3	1	21.50	21.63	21.52			
1.4	16QAM	3	8	21.42	21.55	21.50	22	2	
1.4	16QAM	6	0	20.72	20.82	20.77			
1.4	16QAM	1	0	20.61	20.85	20.71			
1.4	8QAM	1	3	20.50	20.73	20.53			
1.4	8QAM	1	5	20.56	20.58	20.44	22	2	
1.4	8QAM	3	0	20.63	20.75	20.74			
1.4	64QAM	3	1	20.50	20.83	20.58			
1.4	64QAM	3	3	20.39	20.59	20.50			
1.4	64QAM	6	0	19.73	19.88	19.81	21	3	3

Band 41 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.89	22.89	22.95	22.94	22.88	23.9	0	
20	QPSK	1	49	22.77	22.83	22.93	22.90	22.82			
20	QPSK	1	99	22.82	22.80	22.88	22.82	22.75			
20	QPSK	50	0	21.85	21.94	21.97	21.91	21.87			
20	QPSK	50	24	21.77	21.84	21.91	21.88	21.87	23	0.9	
20	QPSK	50	50	21.77	21.82	21.83	21.76	21.80			
20	QPSK	100	0	21.86	21.87	21.95	21.92	21.89			
20	16QAM	1	0	21.73	21.84	21.93	21.86	21.74			
20	16QAM	1	49	21.64	21.78	21.87	21.78	21.81	23	0.9	
20	16QAM	1	99	21.66	21.73	21.70	21.67	21.74			
20	16QAM	50	0	20.80	20.97	20.98	20.96	20.91			
20	16QAM	50	24	20.79	20.89	20.92	20.88	20.93			
20	16QAM	50	50	20.72	20.87	20.85	20.78	20.82	22	1.9	
20	16QAM	100	0	20.88	20.82	20.92	20.93	20.85			
20	64QAM	1	0	20.68	20.83	20.87	20.91	20.73			
20	64QAM	1	49	20.59	20.78	20.93	20.74	20.75			
20	64QAM	1	99	20.63	20.70	20.71	20.69	20.79	22	1.9	
20	64QAM	50	0	19.84	19.92	19.98	19.89	19.84			
20	64QAM	50	24	19.80	19.81	19.90	19.92	19.82			
20	64QAM	50	50	19.76	19.76	19.85	19.72	19.75			
20	64QAM	100	0	19.92	19.88	19.97	19.96	19.84	21	2.9	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5			
15	QPSK	1	0	22.84	22.86	22.83	22.81	22.80	24	0	
15	QPSK	1	37	22.64	22.78	22.85	22.84	22.73			
15	QPSK	1	74	22.77	22.66	22.77	22.75	22.62			
15	QPSK	36	0	21.78	21.92	21.94	21.87	21.75			
15	QPSK	36	20	21.74	21.72	21.85	21.81	21.84	23	0.9	
15	QPSK	36	39	21.70	21.68	21.77	21.62	21.68			
15	QPSK	75	0	21.83	21.76	21.84	21.89	21.82			
15	16QAM	1	0	21.61	21.82	21.80	21.81	21.71			
15	16QAM	1	37	21.60	21.75	21.78	21.71	21.76	23	0.9	
15	16QAM	1	74	21.59	21.71	21.58	21.59	21.71			
15	16QAM	36	0	20.72	20.89	20.88	20.85	20.86			
15	16QAM	36	20	20.71	20.76	20.83	20.82	20.84			
15	16QAM	36	39	20.60	20.75	20.81	20.71	20.76	22	1.9	
15	16QAM	75	0	20.82	20.69	20.86	20.81	20.77			
15	64QAM	1	0	20.60	20.75	20.84	20.79	20.85			
15	64QAM	1	37	20.57	20.71	20.89	20.86	20.64			
15	64QAM	1	74	20.53	20.60	20.66	20.56	20.73	21	2.9	
15	64QAM	36	0	19.72	19.81	19.91	19.81	19.80			
15	64QAM	36	20	19.73	19.75	19.83	19.86	19.73			
15	64QAM	36	39	19.62	19.66	19.76	19.65	19.64			
15	64QAM	75	0	19.83	19.83	19.86	19.90	19.82	20		
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.77	22.75	22.88	22.82	22.75	24	0	
10	QPSK	1	25	22.64	22.75	22.80	22.85	22.80			
10	QPSK	1	49	22.78	22.72	22.80	22.71	22.68			
10	QPSK	25	0	21.75	21.83	21.94	21.78	21.82			
10	QPSK	25	12	21.63	21.74	21.77	21.75	21.80	23	0.9	
10	QPSK	25	25	21.64	21.70	21.81	21.64	21.70			
10	QPSK	50	0	21.74	21.80	21.84	21.86	21.75			
10	16QAM	1	0	21.70	21.71	21.84	21.72	21.63			
10	16QAM	1	25	21.56	21.72	21.80	21.70	21.72	23	0.9	
10	16QAM	1	49	21.60	21.64	21.57	21.63	21.62			
10	16QAM	25	0	20.75	20.90	20.90	20.94	20.87			
10	16QAM	25	12	20.67	20.85	20.83	20.84	20.86			
10	16QAM	25	25	20.68	20.78	20.72	20.70	20.77	22	1.9	
10	16QAM	50	0	20.82	20.79	20.84	20.89	20.79			
10	64QAM	1	0	20.56	20.79	20.80	20.84	20.67			
10	64QAM	1	25	20.48	20.69	20.87	20.65	20.70			
10	64QAM	1	49	20.51	20.65	20.63	20.59	20.65	22	1.9	
10	64QAM	25	0	19.78	19.88	19.91	19.77	19.77			
10	64QAM	25	12	19.68	19.77	19.76	19.80	19.68			
10	64QAM	25	25	19.74	19.73	19.73	19.64	19.73			
10	64QAM	50	0	19.85	19.75	19.89	19.90	19.73	21	2.9	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.86	22.82	22.87	22.90	22.80	24	0	
5	QPSK	1	12	22.69	22.69	22.90	22.84	22.72			
5	QPSK	1	24	22.73	22.67	22.83	22.73	22.70			
5	QPSK	12	0	21.81	21.90	21.84	21.84	21.84			
5	QPSK	12	7	21.75	21.78	21.84	21.78	21.75	23	0.9	
5	QPSK	12	13	21.64	21.70	21.79	21.74	21.74			
5	QPSK	25	0	21.76	21.82	21.90	21.80	21.75			
5	16QAM	1	0	21.63	21.74	21.88	21.78	21.70			
5	16QAM	1	12	21.51	21.66	21.75	21.68	21.77	23	0.9	
5	16QAM	1	24	21.61	21.68	21.63	21.56	21.70			
5	16QAM	12	0	20.77	20.91	20.90	20.86	20.83			
5	16QAM	12	7	20.75	20.78	20.82	20.82	20.85			
5	16QAM	12	13	20.68	20.75	20.75	20.69	20.68	22	1.9	
5	16QAM	25	0	20.80	20.71	20.87	20.90	20.73			
5	64QAM	1	0	20.64	20.71	20.85	20.81	20.65			
5	64QAM	1	12	20.47	20.66	20.89	20.65	20.61			
5	64QAM	1	24	20.56	20.65	20.61	20.66	20.74	22	1.9	
5	64QAM	12	0	19.82	19.89	19.91	19.85	19.81			
5	64QAM	12	7	19.70	19.68	19.80	19.84	19.74			
5	64QAM	12	13	19.63	19.64	19.78	19.63	19.72			
5	64QAM	25	0	19.82	19.78	19.89	19.94	19.79	21	2.9	
Channel				39650	40123	40620	41098	41570			
Frequency (MHz)				2496.0	2543.3	2593	2640.80	2688.0			

Band 5 Ant 4 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			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.98	22.04	22.00	23	0	
10	QPSK	1	25	21.73	21.90	21.82			
10	QPSK	1	49	21.74	21.93	21.92			
10	QPSK	25	0	20.89	21.06	20.94			
10	QPSK	25	12	20.87	20.98	20.88	22	1	
10	QPSK	25	25	20.86	20.93	20.74			
10	QPSK	50	0	20.92	20.99	20.93			
10	16QAM	1	0	20.78	20.95	20.85			
10	16QAM	1	25	20.77	20.88	20.76	22	1	
10	16QAM	1	49	20.82	20.81	20.71			
10	16QAM	25	0	19.84	20.04	19.91			
10	16QAM	25	12	19.89	19.98	19.88			
10	16QAM	25	25	19.86	19.97	19.69	21	2	
10	16QAM	50	0	19.90	19.96	19.98			
10	64QAM	1	0	19.78	19.91	19.83			
10	64QAM	1	25	19.79	19.84	19.80			
10	64QAM	1	49	19.84	19.76	19.70	21	2	
10	64QAM	25	0	18.89	19.01	18.99			
10	64QAM	25	12	18.91	19.00	18.88			
10	64QAM	25	25	18.89	18.95	18.69			
10	64QAM	50	0	18.88	18.96	18.94	20	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.86	21.94	21.87	23	0	
5	QPSK	1	12	21.60	21.83	21.77			
5	QPSK	1	24	21.64	21.80	21.87			
5	QPSK	12	0	20.76	20.95	20.87			
5	QPSK	12	7	20.74	20.84	20.77	22	1	
5	QPSK	12	13	20.81	20.85	20.70			
5	QPSK	25	0	20.90	20.91	20.90			
5	16QAM	1	0	20.69	20.88	20.73			
5	16QAM	1	12	20.69	20.83	20.70	22	1	
5	16QAM	1	24	20.80	20.71	20.67			
5	16QAM	12	0	19.74	20.01	19.80			
5	16QAM	12	7	19.79	19.93	19.82			
5	16QAM	12	13	19.77	19.88	19.56	21	2	
5	16QAM	25	0	19.84	19.87	19.95			
5	64QAM	1	0	19.71	19.85	19.76			
5	64QAM	1	12	19.77	19.74	19.67			
5	64QAM	1	24	19.81	19.68	19.59	21	2	
5	64QAM	12	0	18.76	18.98	18.93			
5	64QAM	12	7	18.78	18.87	18.83			
5	64QAM	12	13	18.79	18.84	18.57			
5	64QAM	25	0	18.75	18.85	18.89	20	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.88	21.92	21.91	23	0	
3	QPSK	1	8	21.61	21.80	21.72			
3	QPSK	1	14	21.68	21.83	21.81			
3	QPSK	8	0	20.78	20.97	20.83			
3	QPSK	8	4	20.79	20.84	20.74	22	1	
3	QPSK	8	7	20.83	20.82	20.70			
3	QPSK	15	0	20.79	20.90	20.81			
3	16QAM	1	0	20.72	20.88	20.78			
3	16QAM	1	8	20.83	20.74	20.67	22	1	
3	16QAM	1	14	20.70	20.69	20.66			
3	16QAM	8	0	19.72	20.01	19.80			
3	16QAM	8	4	19.84	19.93	19.85			
3	16QAM	8	7	19.81	19.89	19.62	21	2	
3	16QAM	15	0	19.87	19.89	19.89			
3	64QAM	1	0	19.64	19.89	19.79			
3	64QAM	1	8	19.76	19.72	19.68			
3	64QAM	1	14	19.79	19.68	19.59	21	2	
3	64QAM	8	0	18.82	18.91	18.92			
3	64QAM	8	4	18.78	18.98	18.85			
3	64QAM	8	7	18.80	18.89	18.63			
3	64QAM	15	0	18.81	18.90	18.90	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.85	22.00	21.97	23	0	
1.4	QPSK	1	3	21.62	21.84	21.72			
1.4	QPSK	1	5	21.71	21.86	21.85			
1.4	QPSK	3	0	21.77	21.89	21.95			
1.4	QPSK	3	1	21.59	21.78	21.60	22	1	
1.4	QPSK	3	3	21.60	21.74	21.80			
1.4	QPSK	6	0	20.81	20.87	20.83			
1.4	16QAM	1	0	20.73	20.84	20.81			
1.4	16QAM	1	3	20.64	20.82	20.65	22	1	
1.4	16QAM	1	5	20.74	20.78	20.65			
1.4	16QAM	3	0	20.72	20.85	20.71			
1.4	16QAM	3	1	20.61	20.72	20.74			
1.4	16QAM	3	3	20.62	20.71	20.54	21	2	
1.4	16QAM	6	0	19.82	19.83	19.92			
1.4	64QAM	1	0	19.71	19.78	19.69			
1.4	64QAM	1	3	19.68	19.70	19.66			
1.4	64QAM	1	5	19.76	19.67	19.61	21	2	
1.4	64QAM	3	0	19.78	19.69	19.78			
1.4	64QAM	3	1	19.64	19.65	19.65			
1.4	64QAM	3	3	19.61	19.64	19.63			
1.4	64QAM	6	0	18.82	18.83	18.84	20	3	

Band 12 Ant 4 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				23060	23065	23150						
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	22.03	22.10	22.00	23	0				
10	QPSK	1	25	21.89	21.98	21.90						
10	QPSK	1	49	21.99	22.00	21.93						
10	QPSK	25	0	20.87	20.96	20.95						
10	QPSK	25	12	20.92	20.94	20.81	22	1				
10	QPSK	25	25	20.65	20.73	20.72						
10	QPSK	50	0	20.81	20.89	20.85						
10	16QAM	1	0	20.76	20.87	20.86						
10	16QAM	1	25	20.86	20.85	20.72	22	1				
10	16QAM	1	49	20.54	20.67	20.59						
10	16QAM	25	0	19.82	20.01	19.89						
10	16QAM	25	12	19.96	19.91	19.83						
10	16QAM	25	25	19.65	19.69	19.69	21	2				
10	16QAM	50	0	19.83	19.94	19.84						
10	64QAM	1	0	19.77	19.86	19.85						
10	64QAM	1	25	19.81	19.83	19.67						
10	64QAM	1	49	19.57	19.68	19.65	21	2				
10	64QAM	25	0	18.82	19.01	18.96						
10	64QAM	25	12	18.91	18.95	18.77						
10	64QAM	25	25	18.63	18.69	18.75						
10	64QAM	50	0	18.79	18.92	18.85	20	3				
Channel				23035	23065	23155						
Frequency (MHz)				701.5	707.5	713.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.94	22.04	21.95				23	0	
5	QPSK	1	12	21.80	21.88	21.83						
5	QPSK	1	24	21.92	21.89	21.85						
5	QPSK	12	0	20.78	20.82	20.81						
5	QPSK	12	7	20.86	20.88	20.70	22	1				
5	QPSK	12	13	20.55	20.64	20.67						
5	QPSK	25	0	20.72	20.75	20.74						
5	16QAM	1	0	20.64	20.79	20.81						
5	16QAM	1	12	20.81	20.76	20.68	22	1				
5	16QAM	1	24	20.50	20.63	20.45						
5	16QAM	12	0	19.76	19.88	19.77						
5	16QAM	12	7	19.90	19.79	19.73						
5	16QAM	12	13	19.58	19.66	19.62	21	2				
5	16QAM	25	0	19.78	19.85	19.76						
5	64QAM	1	0	19.64	19.77	19.81						
5	64QAM	1	12	19.69	19.76	19.54						
5	64QAM	1	24	19.46	19.57	19.55	21	2				
5	64QAM	12	0	18.69	18.90	18.82						
5	64QAM	12	7	18.84	18.87	18.71						
5	64QAM	12	13	18.59	18.65	18.72						
5	64QAM	25	0	18.75	18.85	18.79	20	3				
Channel				23025	23095	23165						
Frequency (MHz)				700.5	707.5	714.5				Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.92	22.02	21.96				23	0	
3	QPSK	1	8	21.79	21.84	21.83						
3	QPSK	1	14	21.91	21.93	21.89						
3	QPSK	8	0	20.81	20.84	20.83						
3	QPSK	8	4	20.87	20.88	20.68	22	1				
3	QPSK	8	7	20.52	20.62	20.68						
3	QPSK	15	0	20.77	20.96	20.90						
3	16QAM	1	0	20.71	20.79	20.78						
3	16QAM	1	8	20.74	20.74	20.66	22	1				
3	16QAM	1	14	20.46	20.54	20.52						
3	16QAM	8	0	19.73	19.97	19.76						
3	16QAM	8	4	19.87	19.84	19.74						
3	16QAM	8	7	19.59	19.62	19.58	21	2				
3	16QAM	15	0	19.73	19.88	19.78						
3	64QAM	1	0	19.73	19.78	19.74						
3	64QAM	1	8	19.67	19.76	19.56						
3	64QAM	1	14	19.47	19.58	19.63	21	2				
3	64QAM	8	0	18.75	18.88	18.91						
3	64QAM	8	4	18.86	18.84	18.73						
3	64QAM	8	7	18.61	18.59	18.71						
3	64QAM	15	0	18.74	18.83	18.83	20	3				
Channel				23017	23095	23173						
Frequency (MHz)				699.7	707.5	715.3				Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.00	22.05	21.94				23	0	
1.4	QPSK	1	3	21.82	21.94	21.76						
1.4	QPSK	1	5	21.96	21.94	21.85						
1.4	QPSK	3	0	21.97	22.02	21.91						
1.4	QPSK	3	1	21.76	21.88	21.73	22	1				
1.4	QPSK	3	3	21.83	21.86	21.80						
1.4	QPSK	6	0	20.74	20.77	20.71						
1.4	16QAM	1	0	20.74	20.75	20.73						
1.4	16QAM	1	3	20.78	20.76	20.66	22	1				
1.4	16QAM	1	5	20.48	20.64	20.52						
1.4	16QAM	3	0	20.65	20.72	20.58						
1.4	16QAM	3	1	20.70	20.66	20.68						
1.4	16QAM	3	3	20.65	20.69	20.63	21	2				
1.4	16QAM	6	0	19.73	19.84	19.71						
1.4	64QAM	1	0	19.63	19.82	19.74						
1.4	64QAM	1	3	19.69	19.79	19.59						
1.4	64QAM	1	5	19.48	19.65	19.55	21	2				
1.4	64QAM	3	0	19.70	19.71	19.66						
1.4	64QAM	3	1	19.59	19.76	19.64						
1.4	64QAM	3	3	19.59	19.67	19.52						
1.4	64QAM	6	0	18.68	18.83	18.83	20	3	3			

LTE Band 42 Ant 5 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 Frequency (MHz)				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
				3450	3500	3550			
20	QPSK	1	0	21.20	21.23	21.18	22.2	0	
20	QPSK	1	49	21.11	21.20	21.10			
20	QPSK	1	99	21.09	21.17	21.06			
20	QPSK	50	0	21.12	21.21	21.10	22.2	0	
20	QPSK	50	24	21.12	21.12	21.16			
20	QPSK	50	50	21.14	21.18	21.16			
20	QPSK	100	0	21.13	21.19	21.09	22.2	0	
20	16QAM	1	0	21.13	21.16	21.11			
20	16QAM	1	49	21.01	21.14	20.96			
20	16QAM	1	99	21.07	21.04	21.01	22	0.2	
20	16QAM	50	0	20.95	21.02	20.87			
20	16QAM	50	24	20.97	20.86	20.96			
20	16QAM	50	50	20.91	21.02	20.92	22	0.2	
20	16QAM	100	0	20.87	20.96	20.91			
20	64QAM	1	0	20.92	20.99	20.94			
20	64QAM	1	49	20.77	20.90	20.75	22	0.2	
20	64QAM	1	99	20.92	20.87	20.84			
20	64QAM	50	0	19.95	20.05	19.86			
20	64QAM	50	24	19.89	19.90	20.02	21	1.2	
20	64QAM	50	50	19.99	19.92	19.95			
20	64QAM	100	0	19.00	20.03	19.84			
Channel Frequency (MHz)				42195	42595	42995	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3500	3542.5			
15	QPSK	1	0	21.17	21.15	21.12	22.2	0	
15	QPSK	1	37	20.98	21.12	21.00			
15	QPSK	1	74	20.99	21.12	20.94			
15	QPSK	36	0	21.00	21.10	21.01	22.2	0	
15	QPSK	36	20	21.09	21.06	21.09			
15	QPSK	36	39	21.06	21.09	21.05			
15	QPSK	75	0	21.03	21.17	21.02	22.2	0	
15	16QAM	1	0	21.07	21.08	21.01			
15	16QAM	1	37	20.94	21.11	20.84			
15	16QAM	1	74	21.03	20.95	20.98	22	0.2	
15	16QAM	36	0	20.85	20.96	20.80			
15	16QAM	36	20	20.88	20.82	20.87			
15	16QAM	36	39	20.77	20.91	20.81	22	0.2	
15	16QAM	75	0	20.91	20.90	20.82			
15	64QAM	1	0	20.87	20.95	20.81			
15	64QAM	1	37	20.65	20.83	20.64	21	1.2	
15	64QAM	1	74	20.85	20.75	20.82			
15	64QAM	36	0	19.88	19.99	19.78			
15	64QAM	36	20	19.83	19.85	19.99	21	1.2	
15	64QAM	36	39	19.94	19.83	19.83			
15	64QAM	75	0	19.86	19.90	19.75			
Channel Frequency (MHz)				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
				3455	3500	3545			
10	QPSK	1	0	21.09	21.20	21.06	22.2	0	
10	QPSK	1	25	21.02	21.10	20.98			
10	QPSK	1	49	21.00	21.14	21.04			
10	QPSK	25	0	21.05	21.12	21.02	22.2	0	
10	QPSK	25	12	21.03	20.98	21.05			
10	QPSK	25	25	21.02	21.07	21.04			
10	QPSK	50	0	21.06	21.09	21.04	22.2	0	
10	16QAM	1	0	21.02	21.10	21.09			
10	16QAM	1	25	20.99	21.03	20.91			
10	16QAM	1	49	21.02	20.95	20.80	22	0.2	
10	16QAM	25	0	20.88	20.93	20.80			
10	16QAM	25	12	20.94	20.75	20.89			
10	16QAM	25	25	20.82	20.93	20.83	22	0.2	
10	16QAM	50	0	20.88	20.91	20.85			
10	64QAM	1	0	20.90	20.91	20.91			
10	64QAM	1	25	20.63	20.78	20.67	22	0.2	
10	64QAM	1	49	20.87	20.80	20.80			
10	64QAM	25	0	19.90	20.00	19.83			
10	64QAM	25	12	19.75	19.81	19.98	21	1.2	
10	64QAM	25	25	19.93	19.79	19.89			
10	64QAM	50	0	19.66	19.99	19.70			
Channel Frequency (MHz)				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
				3452.5	3500	3547.5			
5	QPSK	1	0	21.10	21.09	21.06	22.2	0	
5	QPSK	1	12	21.02	21.14	21.04			
5	QPSK	1	24	21.03	21.05	20.96			
5	QPSK	12	0	20.99	21.09	21.04	22.2	0	
5	QPSK	12	7	21.05	21.06	21.10			
5	QPSK	12	13	21.10	21.12	21.12			
5	QPSK	25	0	21.06	21.13	21.01	22.2	0	
5	16QAM	1	0	21.07	21.08	21.08			
5	16QAM	1	12	20.96	21.00	20.94			
5	16QAM	1	24	21.05	21.06	20.86	22	0.2	
5	16QAM	12	0	20.86	20.86	20.81			
5	16QAM	12	7	20.85	20.83	20.93			
5	16QAM	12	13	20.82	20.94	20.86	22	0.2	
5	16QAM	25	0	20.93	20.90	20.87			
5	64QAM	1	0	20.86	20.97	20.90			
5	64QAM	1	12	20.70	20.87	20.62	21	1.2	
5	64QAM	1	24	20.81	20.75	20.81			
5	64QAM	12	0	19.87	19.94	19.81			
5	64QAM	12	7	19.77	19.83	19.91	21	1.2	
5	64QAM	12	13	19.94	19.88	19.91			
5	64QAM	25	0	19.84	19.94	19.72			

Reduced Power Mode for DS16

GSM850 Ant 0 DS16		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.09	32.33	32.11	33.50	23.09	23.33	23.11	24.50
GPRS 1 Tx slot		31.94	32.28	32.07	33.50	22.94	23.28	23.07	24.50
GPRS 2 Tx slots		29.50	29.53	29.41	30.50	23.50	23.53	23.41	24.50
GPRS 3 Tx slots		27.74	27.80	27.60	29.00	23.48	23.54	23.34	24.74
GPRS 4 Tx slots		26.27	26.33	26.25	27.50	23.27	23.33	23.25	24.50

Band		WCDMA V Ant 0 DS16			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.35	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.41	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.47	22.34	23.00
3GPP Rel 6	HSDPA Subtest-2	22.33	22.45	22.40	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.89	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.84	21.95	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.46	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.38	22.40	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.88	21.88	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.88	21.86	21.88	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.47	22.39	23.00
3GPP Rel 6	HSUPA Subtest-2	20.38	20.40	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.42	21.46	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.42	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.35	22.45	22.34	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	19.94	19.85	20.50

GSM1900 Ant 1 DSIS	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8		1850.2	1860	1909.8	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.49	28.62	28.58	29.50	19.49	19.62	19.53	20.50
GPRS 1 Tx slot	28.41	28.57	28.54	29.50	19.41	19.57	19.54	20.50
GPRS 2 Tx slots	25.95	26.09	26.07	26.50	19.95	20.09	20.07	20.50
GPRS 3 Tx slots	23.91	24.07	23.90	24.50	19.65	19.81	19.64	20.24
GPRS 4 Tx slots	22.63	22.77	22.57	23.00	19.63	19.77	19.57	20.00

GSM850 Ant 4 DS16		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6	33.50	824.2	836.4	848.6	24.50
GSM 1 Tx slot		32.44	32.51	32.55		23.44	23.51	23.55	
GPRS 1 Tx slot		32.39	32.52	32.51	33.50	23.39	23.52	23.51	24.50
GPRS 2 Tx slots		29.68	29.74	29.71	30.70	23.68	23.74	23.71	24.70
GPRS 3 Tx slots		27.84	27.94	27.86	28.90	23.58	23.68	23.60	24.64
GPRS 4 Tx slots		26.70	26.71	26.68	27.70	23.70	23.71	23.68	24.70

Band		WCDMA V. Ant 4 DS16			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	Frequency (MHz)
		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.64	21.68	21.59	23.00
3GPP Rel 99	RMC 12.2Kbps	21.70	21.74	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	20.72	20.80	20.66	22.00
3GPP Rel 6	HSDPA Subtest-2	20.65	20.76	20.73	22.00
3GPP Rel 6	HSDPA Subtest-3	20.19	20.24	20.24	21.50
3GPP Rel 6	HSDPA Subtest-4	20.21	20.22	20.24	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.73	20.71	20.64	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.74	20.70	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.16	20.23	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.18	20.24	20.17	21.50
3GPP Rel 6	HSUPA Subtest-1	20.69	20.77	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	18.69	18.80	18.65	20.00
3GPP Rel 6	HSUPA Subtest-3	19.70	19.77	19.67	21.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.73	18.68	20.00
3GPP Rel 6	HSUPA Subtest-5	20.68	20.79	20.65	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.18	18.25	18.13	19.50

Band 5 Ant 0 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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.05	23.11	23.08	24	0	
10	QPSK	1	25	22.95	23.06	22.97			
10	QPSK	1	49	22.95	23.00	23.05			
10	QPSK	25	0	22.05	22.16	22.03			
10	QPSK	25	12	21.91	22.10	21.99	23	1	
10	QPSK	25	25	21.95	22.02	22.09			
10	QPSK	50	0	22.00	22.14	22.11			
10	16QAM	1	0	21.98	22.10	21.97			
10	16QAM	1	25	21.88	22.05	21.96	23	1	
10	16QAM	1	49	21.94	21.93	22.03			
10	16QAM	25	0	21.10	21.14	20.98			
10	16QAM	25	12	20.94	21.06	21.02			
10	16QAM	25	25	21.00	21.05	21.12	22	2	
10	16QAM	50	0	20.96	21.09	21.13			
10	64QAM	1	0	20.97	21.11	20.92			
10	64QAM	1	25	20.94	20.99	21.00			
10	64QAM	1	49	20.91	20.95	21.03	22	2	
10	64QAM	25	0	20.04	20.16	20.06			
10	64QAM	25	12	19.88	20.16	19.96			
10	64QAM	25	25	19.98	20.04	20.08			
10	64QAM	50	0	19.96	20.09	20.09	21	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.00	23.08	22.99	24	0	
5	QPSK	1	12	22.88	23.03	22.84			
5	QPSK	1	24	22.82	22.89	22.94			
5	QPSK	12	0	21.97	22.09	21.96			
5	QPSK	12	7	21.88	22.02	21.94	23	1	
5	QPSK	12	13	21.90	21.88	22.06			
5	QPSK	25	0	21.88	22.07	22.04			
5	16QAM	1	0	21.94	21.97	21.90			
5	16QAM	1	12	21.83	21.94	21.91	23	1	
5	16QAM	1	24	21.84	21.81	21.96			
5	16QAM	12	0	20.99	21.12	20.86			
5	16QAM	12	7	20.88	20.99	20.92			
5	16QAM	12	13	20.97	20.96	21.10	22	2	
5	16QAM	25	0	20.87	21.03	21.08			
5	64QAM	1	0	20.94	21.01	20.86			
5	64QAM	1	12	20.80	20.96	20.96			
5	64QAM	1	24	20.85	20.83	20.98	22	2	
5	64QAM	12	0	19.95	20.05	20.04			
5	64QAM	12	7	19.82	20.03	19.88			
5	64QAM	12	13	19.85	19.97	19.84			
5	64QAM	25	0	19.85	20.06	19.95	21	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.98	23.03	23.04	24	0	
3	QPSK	1	8	22.89	23.03	22.86			
3	QPSK	1	14	22.81	22.89	22.91			
3	QPSK	8	0	22.03	22.14	21.93			
3	QPSK	8	4	21.87	21.98	21.94	23	1	
3	QPSK	8	7	21.81	21.96	22.01			
3	QPSK	15	0	21.87	22.03	22.04			
3	16QAM	1	0	21.94	21.98	21.91			
3	16QAM	1	8	21.75	22.02	21.90	23	1	
3	16QAM	1	14	21.86	21.89	21.94			
3	16QAM	8	0	21.04	21.06	20.85			
3	16QAM	8	4	20.90	20.95	20.97			
3	16QAM	8	7	20.95	21.02	21.06	22	2	
3	16QAM	15	0	20.92	21.06	21.01			
3	64QAM	1	0	20.88	21.05	20.81			
3	64QAM	1	8	20.84	20.92	20.87			
3	64QAM	1	14	20.79	20.84	20.99	21	3	
3	64QAM	8	0	20.00	20.06	19.97			
3	64QAM	8	4	19.81	20.05	19.84			
3	64QAM	8	7	19.85	19.94	20.02			
3	64QAM	15	0	19.84	20.06	20.07	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.01	23.00	22.99	24	0	
1.4	QPSK	1	3	22.81	22.93	22.92			
1.4	QPSK	1	5	22.89	22.86	23.03			
1.4	QPSK	3	0	22.92	22.86	22.95			
1.4	QPSK	3	1	22.72	22.80	22.79	23	1	
1.4	QPSK	3	3	22.86	22.72	22.95			
1.4	QPSK	6	0	21.89	22.07	22.05			
1.4	16QAM	1	0	21.89	22.08	21.94			
1.4	16QAM	1	3	21.85	21.95	21.86	23	1	
1.4	16QAM	1	5	21.86	21.82	21.99			
1.4	16QAM	3	0	21.76	22.01	21.97			
1.4	16QAM	3	1	21.81	21.98	21.84			
1.4	16QAM	3	3	21.72	21.90	21.80	22	2	
1.4	16QAM	6	0	20.84	21.03	21.03			
1.4	64QAM	1	0	20.94	21.04	20.89			
1.4	64QAM	1	3	20.85	20.89	20.94			
1.4	64QAM	1	5	20.85	20.88	20.99	22	2	
1.4	64QAM	3	0	20.79	21.00	20.90			
1.4	64QAM	3	1	20.87	21.00	20.83			
1.4	64QAM	3	3	20.80	20.82	20.81			
1.4	64QAM	6	0	19.84	20.06	20.00	21	3	

Band 12 Ant 0 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	
Channel				23060	23065	23150			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.86	22.81	24		0
10	QPSK	1	25	22.73	22.83	22.74			
10	QPSK	1	49	22.79	22.78	22.71			
10	QPSK	25	0	21.83	21.92	21.83			
10	QPSK	25	12	21.75	21.82	21.71	23		1
10	QPSK	25	25	21.78	21.74	21.65			
10	QPSK	50	0	21.86	21.90	21.87			
10	16QAM	1	0	21.70	21.85	21.73			
10	16QAM	1	25	21.63	21.74	21.66	23		1
10	16QAM	1	49	21.65	21.64	21.55			
10	16QAM	25	0	20.84	20.97	20.84			
10	16QAM	25	12	20.70	20.76	20.65			
10	16QAM	25	25	20.74	20.70	20.67	22		2
10	16QAM	50	0	20.85	20.90	20.85			
10	64QAM	1	0	20.72	20.88	20.75			
10	64QAM	1	25	20.62	20.75	20.65			
10	64QAM	1	49	20.65	20.65	20.54	22		2
10	64QAM	25	0	19.82	19.87	19.82			
10	64QAM	25	12	19.70	19.84	19.65			
10	64QAM	25	25	19.84	19.76	19.61			
10	64QAM	50	0	19.82	19.95	19.89	21		3
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.76	22.79	22.70	24		0
5	QPSK	1	12	22.64	22.72	22.63			
5	QPSK	1	24	22.72	22.73	22.63			
5	QPSK	12	0	21.78	21.80	21.75			
5	QPSK	12	7	21.62	21.70	21.64	23		1
5	QPSK	12	13	21.73	21.65	21.60			
5	QPSK	25	0	21.81	21.79	21.77			
5	16QAM	1	0	21.58	21.73	21.67			
5	16QAM	1	12	21.59	21.72	21.56	23		1
5	16QAM	1	24	21.61	21.52	21.43			
5	16QAM	12	0	20.72	20.93	20.81			
5	16QAM	12	7	20.57	20.71	20.62			
5	16QAM	12	13	20.60	20.64	20.58	22		2
5	16QAM	25	0	20.81	20.88	20.73			
5	64QAM	1	0	20.62	20.80	20.70			
5	64QAM	1	12	20.52	20.67	20.51			
5	64QAM	1	24	20.63	20.62	20.43	22		2
5	64QAM	12	0	19.74	19.73	19.75			
5	64QAM	12	7	19.56	19.75	19.51			
5	64QAM	12	13	19.82	19.72	19.56			
5	64QAM	25	0	19.77	19.90	19.78	21		3
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.71	22.73	22.71	24		0
3	QPSK	1	8	22.71	22.79	22.60			
3	QPSK	1	14	22.70	22.71	22.67			
3	QPSK	8	0	21.72	21.89	21.75			
3	QPSK	8	4	21.69	21.70	21.65	23		1
3	QPSK	8	7	21.68	21.87	21.53			
3	QPSK	15	0	21.79	21.84	21.84			
3	16QAM	1	0	21.61	21.79	21.64			
3	16QAM	1	8	21.60	21.71	21.61	23		1
3	16QAM	1	14	21.61	21.59	21.46			
3	16QAM	8	0	20.77	20.93	20.81			
3	16QAM	8	4	20.63	20.69	20.54			
3	16QAM	8	7	20.61	20.64	20.62	22		2
3	16QAM	15	0	20.83	20.87	20.79			
3	64QAM	1	0	20.68	20.78	20.73			
3	64QAM	1	8	20.53	20.65	20.53			
3	64QAM	1	14	20.61	20.61	20.50	22		2
3	64QAM	8	0	19.76	19.76	19.71			
3	64QAM	8	4	19.64	19.76	19.52			
3	64QAM	8	7	19.77	19.65	19.51			
3	64QAM	15	0	19.75	19.86	19.86	21		3
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.78	22.82	22.67	24		0
1.4	QPSK	1	3	22.67	22.69	22.63			
1.4	QPSK	1	5	22.72	22.75	22.67			
1.4	QPSK	3	0	22.69	22.78	22.58			
1.4	QPSK	3	1	22.60	22.67	22.57	23		1
1.4	QPSK	3	3	22.69	22.72	22.59			
1.4	QPSK	6	0	21.83	21.82	21.75			
1.4	16QAM	1	0	21.57	21.76	21.63			
1.4	16QAM	1	3	21.56	21.66	21.58	23		1
1.4	16QAM	1	5	21.58	21.58	21.42			
1.4	16QAM	3	0	21.80	21.72	21.71			
1.4	16QAM	3	1	21.50	21.63	21.52			
1.4	16QAM	3	3	21.42	21.55	21.40	22		2
1.4	16QAM	6	0	20.72	20.82	20.77			
1.4	64QAM	1	0	20.61	20.85	20.71			
1.4	64QAM	1	3	20.50	20.73	20.53			
1.4	64QAM	1	5	20.56	20.58	20.44	22		2
1.4	64QAM	3	0	20.63	20.75	20.74			
1.4	64QAM	3	1	20.50	20.83	20.58			
1.4	64QAM	3	3	20.39	20.59	20.50			
1.4	64QAM	6	0	19.73	19.88	19.81	21		3

Band 41 Ant 1 DSI6											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.89	22.89	22.95	22.94	22.88	24	0	
20	QPSK	1	49	22.77	22.83	22.93	22.90	22.82			
20	QPSK	1	99	22.82	22.80	22.88	22.82	22.75			
20	QPSK	50	0	21.85	21.94	21.97	21.91	21.87	23	1	
20	QPSK	50	24	21.77	21.84	21.91	21.88	21.87			
20	QPSK	50	50	21.77	21.82	21.83	21.76	21.80			
20	QPSK	100	0	21.86	21.87	21.95	21.92	21.89	23	1	
20	16QAM	1	0	21.73	21.84	21.93	21.86	21.74			
20	16QAM	1	49	21.64	21.78	21.87	21.78	21.81			
20	16QAM	1	99	21.66	21.73	21.70	21.67	21.74	22	2	
20	16QAM	50	0	20.80	20.97	20.98	20.96	20.91			
20	16QAM	50	24	20.79	20.89	20.92	20.88	20.93			
20	16QAM	50	50	20.72	20.87	20.85	20.78	20.82	22	2	
20	16QAM	100	0	20.88	20.82	20.92	20.93	20.85			
20	64QAM	1	0	20.68	20.83	20.87	20.91	20.73			
20	64QAM	1	49	20.59	20.78	20.93	20.74	20.75	22	2	
20	64QAM	1	99	20.63	20.70	20.71	20.69	20.79			
20	64QAM	50	0	19.84	19.92	19.98	19.89	19.84			
20	64QAM	50	24	19.80	19.81	19.90	19.92	19.82	21	3	
20	64QAM	50	50	19.76	19.76	19.85	19.72	19.75			
20	64QAM	100	0	19.92	19.88	19.97	19.96	19.84			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2548.3	2593	2637.3	2682.5			
15	QPSK	1	0	22.84	22.86	22.83	22.81	22.80	24	0	
15	QPSK	1	37	22.64	22.78	22.85	22.84	22.73			
15	QPSK	1	74	22.77	22.66	22.77	22.75	22.62			
15	QPSK	36	0	21.78	21.92	21.94	21.87	21.75	23	1	
15	QPSK	36	20	21.74	21.72	21.85	21.81	21.84			
15	QPSK	36	39	21.70	21.68	21.77	21.62	21.68			
15	QPSK	75	0	21.83	21.76	21.84	21.89	21.82	23	1	
15	16QAM	1	0	21.61	21.82	21.80	21.81	21.71			
15	16QAM	1	37	21.60	21.75	21.78	21.71	21.76			
15	16QAM	1	74	21.59	21.71	21.58	21.59	21.71	22	2	
15	16QAM	36	0	20.72	20.89	20.88	20.85	20.86			
15	16QAM	36	20	20.71	20.76	20.83	20.82	20.84			
15	16QAM	36	39	20.60	20.75	20.81	20.71	20.76	22	2	
15	16QAM	75	0	20.82	20.69	20.86	20.81	20.77			
15	64QAM	1	0	20.60	20.75	20.84	20.79	20.85			
15	64QAM	1	37	20.57	20.71	20.89	20.86	20.64	21	3	
15	64QAM	1	74	20.53	20.60	20.66	20.56	20.73			
15	64QAM	36	0	19.72	19.81	19.91	19.81	19.80			
15	64QAM	36	20	19.73	19.75	19.83	19.86	19.73	21	3	
15	64QAM	36	39	19.62	19.66	19.76	19.65	19.64			
15	64QAM	75	0	19.83	19.83	19.86	19.90	19.82			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.77	22.75	22.88	22.82	22.75	24	0	
10	QPSK	1	25	22.64	22.75	22.80	22.85	22.80			
10	QPSK	1	49	22.78	22.72	22.80	22.71	22.68			
10	QPSK	25	0	21.75	21.83	21.94	21.78	21.82	23	1	
10	QPSK	25	12	21.63	21.74	21.77	21.75	21.80			
10	QPSK	25	25	21.64	21.70	21.81	21.64	21.70			
10	QPSK	50	0	21.74	21.80	21.84	21.86	21.75	23	1	
10	16QAM	1	0	21.70	21.71	21.84	21.72	21.63			
10	16QAM	1	25	21.56	21.72	21.80	21.70	21.72			
10	16QAM	1	49	21.60	21.64	21.57	21.63	21.62	22	2	
10	16QAM	25	0	20.75	20.90	20.90	20.94	20.87			
10	16QAM	25	12	20.67	20.85	20.83	20.84	20.86			
10	16QAM	25	25	20.68	20.78	20.72	20.70	20.77	22	2	
10	16QAM	50	0	20.82	20.79	20.84	20.89	20.79			
10	64QAM	1	0	20.56	20.79	20.80	20.84	20.67			
10	64QAM	1	25	20.48	20.69	20.87	20.65	20.70	21	3	
10	64QAM	1	49	20.51	20.65	20.63	20.59	20.65			
10	64QAM	25	0	19.78	19.88	19.91	19.77	19.77			
10	64QAM	25	12	19.68	19.77	19.76	19.80	19.68	21	3	
10	64QAM	25	25	19.74	19.73	19.73	19.64	19.73			
10	64QAM	50	0	19.85	19.75	19.89	19.90	19.73			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.86	22.82	22.87	22.90	22.80	24	0	
5	QPSK	1	12	22.69	22.69	22.90	22.84	22.72			
5	QPSK	1	24	22.73	22.67	22.83	22.73	22.70			
5	QPSK	12	0	21.81	21.90	21.84	21.84	21.84	23	1	
5	QPSK	12	7	21.75	21.78	21.84	21.78	21.75			
5	QPSK	12	13	21.64	21.70	21.79	21.74	21.74			
5	QPSK	25	0	21.76	21.82	21.90	21.80	21.75	23	1	
5	16QAM	1	0	21.63	21.74	21.88	21.78	21.70			
5	16QAM	1	12	21.51	21.66	21.75	21.68	21.77			
5	16QAM	1	24	21.61	21.68	21.63	21.56	21.70	22	2	
5	16QAM	12	0	20.77	20.91	20.90	20.86	20.83			
5	16QAM	12	7	20.75	20.78	20.82	20.82	20.85			
5	16QAM	12	13	20.68	20.75	20.75	20.69	20.68	21	3	
5	16QAM	25	0	20.80	20.71	20.87	20.90	20.73			
5	64QAM	1	0	20.64	20.71	20.85	20.81	20.65			
5	64QAM	1	12	20.47	20.66	20.89	20.65	20.61	22	2	
5	64QAM	1	24	20.56	20.65	20.61	20.66	20.74			
5	64QAM	12	0	19.82	19.89	19.91	19.85	19.81			
5	64QAM	12	7	19.70	19.66	19.80	19.84	19.74	21	3	
5	64QAM	12	13	19.63	19.64	19.78	19.63	19.72			
5	64QAM	25	0	19.82	19.78	19.89	19.94	19.79			

Band 5 Ant 4 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	23	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.98	22.04	22.00	22	1	
10	QPSK	1	25	21.73	21.90	21.82			
10	QPSK	1	49	21.74	21.93	21.92			
10	QPSK	25	0	20.89	21.06	20.94			
10	QPSK	25	12	20.87	20.98	20.88			
10	QPSK	25	25	20.86	20.93	20.74	22	1	
10	QPSK	50	0	20.92	20.99	20.93			
10	16QAM	1	0	20.78	20.95	20.85			
10	16QAM	1	25	20.77	20.88	20.76			
10	16QAM	1	49	20.82	20.81	20.71			
10	16QAM	25	0	19.84	20.04	19.91	21	2	
10	16QAM	25	12	19.89	19.98	19.88			
10	16QAM	25	25	19.86	19.97	19.69			
10	16QAM	50	0	19.90	19.96	19.98			
10	64QAM	1	0	19.78	19.91	19.83			
10	64QAM	1	25	19.79	19.84	19.80	21	2	
10	64QAM	1	49	19.84	19.76	19.70			
10	64QAM	25	0	18.89	19.01	18.99			
10	64QAM	25	12	18.91	19.00	18.88			
10	64QAM	25	25	18.89	18.95	18.69			
10	64QAM	50	0	18.88	18.96	18.94	20	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.86	21.94	21.87	23	0	
5	QPSK	1	12	21.60	21.83	21.77			
5	QPSK	1	24	21.64	21.80	21.87			
5	QPSK	12	0	20.76	20.95	20.87			
5	QPSK	12	7	20.74	20.84	20.77			
5	QPSK	12	13	20.81	20.85	20.70	22	1	
5	QPSK	25	0	20.90	20.91	20.90			
5	16QAM	1	0	20.69	20.88	20.73			
5	16QAM	1	12	20.69	20.83	20.70			
5	16QAM	1	24	20.80	20.71	20.67			
5	16QAM	12	0	19.74	20.01	19.80	21	2	
5	16QAM	12	7	19.79	19.93	19.82			
5	16QAM	12	13	19.77	19.88	19.56			
5	16QAM	25	0	19.84	19.87	19.55			
5	64QAM	1	0	19.71	19.85	19.76			
5	64QAM	1	12	19.77	19.74	19.67	21	2	
5	64QAM	1	24	19.81	19.68	19.59			
5	64QAM	12	0	18.76	18.98	18.93			
5	64QAM	12	7	18.78	18.87	18.83			
5	64QAM	12	13	18.79	18.84	18.57			
5	64QAM	25	0	18.75	18.85	18.89	20	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.88	21.92	21.91	23	0	
3	QPSK	1	8	21.81	21.80	21.72			
3	QPSK	1	14	21.68	21.83	21.81			
3	QPSK	8	0	20.78	20.97	20.83			
3	QPSK	8	4	20.79	20.84	20.74			
3	QPSK	8	7	20.83	20.82	20.70	22	1	
3	QPSK	15	0	20.79	20.90	20.81			
3	16QAM	1	0	20.72	20.88	20.78			
3	16QAM	1	8	20.83	20.74	20.67			
3	16QAM	1	14	20.70	20.69	20.66			
3	16QAM	8	0	19.72	20.01	19.80	21	2	
3	16QAM	8	4	19.84	19.93	19.85			
3	16QAM	8	7	19.81	19.89	19.62			
3	16QAM	15	0	19.87	19.89	19.89			
3	64QAM	1	0	19.64	19.89	19.79			
3	64QAM	1	8	19.76	19.72	19.68	21	2	
3	64QAM	1	14	19.79	19.68	19.59			
3	64QAM	8	0	18.82	18.91	18.92			
3	64QAM	8	4	18.78	18.98	18.85			
3	64QAM	8	7	18.80	18.89	18.63			
3	64QAM	15	0	18.81	18.90	18.90	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.85	22.00	21.97	23	0	
1.4	QPSK	1	3	21.62	21.84	21.72			
1.4	QPSK	1	5	21.71	21.86	21.85			
1.4	QPSK	3	0	21.77	21.89	21.95			
1.4	QPSK	3	1	21.59	21.78	21.60			
1.4	QPSK	3	3	21.60	21.74	21.80	22	1	
1.4	QPSK	6	0	20.81	20.87	20.83			
1.4	16QAM	1	0	20.73	20.84	20.81			
1.4	16QAM	1	3	20.64	20.82	20.65			
1.4	16QAM	1	5	20.74	20.78	20.65			
1.4	16QAM	3	0	20.72	20.85	20.71	22	1	
1.4	16QAM	3	1	20.61	20.72	20.74			
1.4	16QAM	3	3	20.62	20.71	20.54			
1.4	16QAM	6	0	19.82	19.83	19.92			
1.4	64QAM	1	0	19.71	19.78	19.69			
1.4	64QAM	1	3	19.68	19.70	19.66	21	2	
1.4	64QAM	1	5	19.76	19.67	19.61			
1.4	64QAM	3	0	19.78	19.69	19.78			
1.4	64QAM	3	1	19.64	19.65	19.65			
1.4	64QAM	3	3	19.61	19.64	19.63			
1.4	64QAM	6	0	18.82	18.83	18.84	20	3	

Band 12 Ant 4 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				23060	23065	23150			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.03	22.10	22.00	23		0
10	QPSK	1	25	21.89	21.98	21.90			
10	QPSK	1	49	21.99	22.00	21.93			
10	QPSK	25	0	20.87	20.96	20.95			
10	QPSK	25	12	20.92	20.94	20.81			
10	QPSK	25	25	20.65	20.73	20.72	22		1
10	QPSK	50	0	20.81	20.89	20.85			
10	16QAM	1	0	20.76	20.87	20.86			
10	16QAM	1	25	20.86	20.85	20.72			
10	16QAM	1	49	20.54	20.67	20.59			
10	16QAM	25	0	19.82	20.01	19.89	22		1
10	16QAM	25	12	19.96	19.91	19.83			
10	16QAM	25	25	19.65	19.69	19.69			
10	16QAM	50	0	19.83	19.94	19.84			
10	64QAM	1	0	19.77	19.86	19.85			
10	64QAM	1	25	19.81	19.83	19.67	21		2
10	64QAM	1	49	19.57	19.68	19.65			
10	64QAM	25	0	18.82	19.01	18.96			
10	64QAM	25	12	18.91	18.95	18.77			
10	64QAM	25	25	18.63	18.69	18.75			
10	64QAM	50	0	18.79	18.92	18.85	20		3
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.94	22.04	21.95	23		0
5	QPSK	1	12	21.80	21.88	21.83			
5	QPSK	1	24	21.92	21.89	21.85			
5	QPSK	12	0	20.78	20.82	20.81			
5	QPSK	12	7	20.86	20.88	20.70			
5	QPSK	12	13	20.55	20.64	20.67	22		1
5	QPSK	25	0	20.72	20.75	20.74			
5	16QAM	1	0	20.64	20.79	20.81			
5	16QAM	1	12	20.81	20.76	20.68			
5	16QAM	1	24	20.50	20.63	20.45			
5	16QAM	12	0	19.76	19.88	19.77	21		2
5	16QAM	12	7	19.90	19.79	19.73			
5	16QAM	12	13	19.58	19.66	19.62			
5	16QAM	25	0	19.78	19.85	19.76			
5	64QAM	1	0	19.64	19.77	19.81			
5	64QAM	1	12	19.69	19.76	19.54	21		2
5	64QAM	1	24	19.46	19.57	19.55			
5	64QAM	12	0	18.69	18.90	18.82			
5	64QAM	12	7	18.84	18.87	18.71			
5	64QAM	12	13	18.59	18.65	18.72			
5	64QAM	25	0	18.75	18.85	18.79	20		3
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.92	22.02	21.96	23		0
3	QPSK	1	8	21.79	21.84	21.83			
3	QPSK	1	14	21.91	21.93	21.89			
3	QPSK	8	0	20.81	20.84	20.83			
3	QPSK	8	4	20.87	20.88	20.68			
3	QPSK	8	7	20.52	20.62	20.68	22		1
3	QPSK	15	0	20.77	20.96	20.90			
3	16QAM	1	0	20.71	20.79	20.76			
3	16QAM	1	8	20.74	20.74	20.68			
3	16QAM	1	14	20.46	20.54	20.52			
3	16QAM	8	0	19.73	19.97	19.76	21		2
3	16QAM	8	4	19.87	19.84	19.74			
3	16QAM	8	7	19.59	19.62	19.58			
3	16QAM	15	0	19.73	19.88	19.78			
3	64QAM	1	0	19.73	19.78	19.74			
3	64QAM	1	8	19.67	19.76	19.56	21		2
3	64QAM	1	14	19.47	19.58	19.63			
3	64QAM	8	0	18.75	18.88	18.91			
3	64QAM	8	4	18.86	18.84	18.73			
3	64QAM	8	7	18.61	18.59	18.71			
3	64QAM	15	0	18.74	18.83	18.83	20		3
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.00	22.05	21.94	23		0
1.4	QPSK	1	3	21.82	21.94	21.76			
1.4	QPSK	1	5	21.96	21.94	21.85			
1.4	QPSK	3	0	21.97	22.02	21.91			
1.4	QPSK	3	1	21.76	21.88	21.73			
1.4	QPSK	3	3	21.83	21.86	21.80	22		1
1.4	QPSK	6	0	20.74	20.77	20.71			
1.4	16QAM	1	0	20.74	20.75	20.73			
1.4	16QAM	1	3	20.78	20.76	20.66			
1.4	16QAM	1	5	20.48	20.64	20.52			
1.4	16QAM	3	0	20.65	20.72	20.58	22		1
1.4	16QAM	3	1	20.70	20.66	20.68			
1.4	16QAM	3	3	20.65	20.69	20.63			
1.4	16QAM	6	0	19.73	19.84	19.71			
1.4	64QAM	1	0	19.63	19.82	19.74			
1.4	64QAM	1	3	19.69	19.79	19.59	21		2
1.4	64QAM	1	5	19.48	19.65	19.55			
1.4	64QAM	3	0	19.70	19.71	19.66			
1.4	64QAM	3	1	19.59	19.76	19.64			
1.4	64QAM	3	3	19.59	19.67	19.52			
1.4	64QAM	6	0	18.68	18.83	18.83	20		3

LTE Band 42 Ant 5 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				42190	42590	42990	24	0	
Frequency (MHz)				3450	3500	3550			
20	QPSK	1	0	22.67	22.89	22.68	24	0	
20	QPSK	1	49	22.82	22.82	22.73			
20	QPSK	1	99	22.49	22.70	22.81	23	1	
20	QPSK	50	0	21.89	21.89	21.77			
20	QPSK	50	24	21.67	21.81	21.79	23	1	
20	QPSK	50	50	21.77	21.78	21.82			
20	QPSK	100	0	21.79	21.84	21.72	23	1	
20	16QAM	1	0	21.72	21.83	21.78			
20	16QAM	1	49	21.80	21.82	21.81	22	2	
20	16QAM	1	99	21.60	21.89	21.57			
20	16QAM	50	0	20.84	20.88	20.74	22	2	
20	16QAM	50	24	20.89	20.82	20.75			
20	16QAM	50	50	20.73	20.77	20.85	22	2	
20	16QAM	100	0	20.68	20.81	20.77			
20	64QAM	1	0	21.73	21.79	21.69	22	2	
20	64QAM	1	49	21.77	21.80	21.75			
20	64QAM	1	99	21.83	21.68	21.49	21	3	
20	64QAM	50	0	20.75	20.84	20.74			
20	64QAM	50	24	20.70	20.77	20.81	21	3	
20	64QAM	50	50	20.74	20.80	20.77			
20	64QAM	100	0	20.70	20.82	20.77	21	3	
Channel				42190	42590	42990			
Frequency (MHz)				3451.5	3500	3542.5	24	0	
15	QPSK	1	0	22.68	22.74	22.67		24	
15	QPSK	1	37	22.78	22.66	22.65	23	1	
15	QPSK	1	74	22.36	22.72	22.53			
15	QPSK	36	0	21.89	21.88	21.71	23	1	
15	QPSK	36	20	21.68	21.67	21.68			
15	QPSK	36	39	21.68	21.75	21.61	23	1	
15	QPSK	75	0	21.73	21.79	21.64			
15	16QAM	1	0	21.68	21.75	21.72	23	1	
15	16QAM	1	37	21.69	21.76	21.74			
15	16QAM	1	74	21.55	21.49	21.38	22	2	
15	16QAM	36	0	20.78	20.72	20.58			
15	16QAM	36	20	20.64	20.68	20.80	22	2	
15	16QAM	36	39	20.84	20.75	20.80			
15	16QAM	75	0	20.47	20.60	20.68	22	2	
15	64QAM	1	0	21.71	21.70	21.53			
15	64QAM	1	37	21.77	21.73	21.57	22	2	
15	64QAM	1	74	21.32	21.49	21.39			
15	64QAM	36	0	20.82	20.71	20.58	21	3	
15	64QAM	36	20	20.60	20.72	20.81			
15	64QAM	36	39	20.84	20.82	20.58	21	3	
15	64QAM	75	0	20.81	20.65	20.75			
Channel				42140	42590	43040	24	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	22.84	22.75	22.46	24	0	
10	QPSK	1	25	22.75	22.70	22.52			
10	QPSK	1	49	22.28	22.68	22.50	23	1	
10	QPSK	25	0	21.71	21.89	21.85			
10	QPSK	25	12	21.51	21.70	21.64	23	1	
10	QPSK	25	25	21.76	21.80	21.43			
10	QPSK	50	0	21.57	21.83	21.53	23	1	
10	16QAM	1	0	21.72	21.81	21.78			
10	16QAM	1	25	21.58	21.83	21.77	22	2	
10	16QAM	1	49	21.49	21.47	21.38			
10	16QAM	25	0	20.71	20.72	20.57	22	2	
10	16QAM	25	12	20.63	20.77	20.78			
10	16QAM	25	25	20.57	20.70	20.47	22	2	
10	16QAM	50	0	20.47	20.74	20.84			
10	64QAM	1	0	21.74	21.72	21.63	22	2	
10	64QAM	1	25	21.55	21.72	21.60			
10	64QAM	1	49	21.42	21.48	21.41	21	3	
10	64QAM	25	0	20.74	20.68	20.66			
10	64QAM	25	12	20.52	20.73	20.41	21	3	
10	64QAM	25	25	20.81	20.77	20.73			
10	64QAM	50	0	20.67	20.83	20.61	21	3	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	24	0	
5	QPSK	1	0	22.62	22.72	22.68		24	
5	QPSK	1	12	22.84	22.80	22.73	23	1	
5	QPSK	1	24	22.39	22.64	22.41			
5	QPSK	12	0	21.75	21.88	21.74	23	1	
5	QPSK	12	7	21.62	21.89	21.86			
5	QPSK	12	13	21.57	21.62	21.53	23	1	
5	QPSK	25	0	21.71	21.72	21.60			
5	16QAM	1	0	21.70	21.82	21.58	23	1	
5	16QAM	1	12	21.78	21.83	21.75			
5	16QAM	1	24	21.35	21.67	21.54	22	2	
5	16QAM	12	0	20.81	20.70	20.76			
5	16QAM	12	7	20.66	20.61	20.78	22	2	
5	16QAM	12	13	20.68	20.58	20.80			
5	16QAM	25	0	20.68	20.81	20.70	22	2	
5	64QAM	1	0	21.85	21.78	21.56			
5	64QAM	1	12	21.80	21.66	21.68	22	2	
5	64QAM	1	24	21.62	21.67	21.57			
5	64QAM	12	0	20.68	20.83	20.80	21	3	
5	64QAM	12	7	20.54	20.76	20.48			
5	64QAM	12	13	20.70	20.60	20.73	21	3	
5	64QAM	25	0	20.69	20.63	20.73			

Reduced Power Mode for DS17

GSM850 Ant 0 DS17		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.09	32.33	32.11	33.50	23.09	23.33	23.11	24.50
GPRS 1 Tx slot		31.94	32.28	32.07	33.50	22.94	23.28	23.07	24.50
GPRS 2 Tx slots		29.50	29.53	29.41	30.50	23.50	23.53	23.41	24.50
GPRS 3 Tx slots		27.74	27.80	27.60	29.00	23.48	23.54	23.34	24.74
GPRS 4 Tx slots		26.27	26.33	26.25	27.50	23.27	23.33	23.25	24.50

Band		WCDMA V Ant 0 DS17			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.35	23.22	24.00
3GPP Rel 99	RMC 12.2Kbps	23.36	23.41	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.36	22.47	22.34	23.00
3GPP Rel 6	HSDPA Subtest-2	22.33	22.45	22.40	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.89	21.80	22.50
3GPP Rel 6	HSDPA Subtest-4	21.84	21.95	21.83	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.38	22.46	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.38	22.40	22.31	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.80	21.88	21.88	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.88	21.86	21.88	22.50
3GPP Rel 6	HSUPA Subtest-1	22.40	22.47	22.39	23.00
3GPP Rel 6	HSUPA Subtest-2	20.38	20.40	20.39	21.00
3GPP Rel 6	HSUPA Subtest-3	21.42	21.46	21.31	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.42	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.35	22.45	22.34	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.86	19.94	19.85	20.50

GSM1900 Ant 1 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8		1850.2	1860	1909.8	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.49	28.62	28.58	29.50	19.49	19.62	19.53	20.50
GPRS 1 Tx slot	28.41	28.57	28.54	29.50	19.41	19.57	19.54	20.50
GPRS 2 Tx slots	25.95	26.09	26.07	26.50	19.95	20.09	20.07	20.50
GPRS 3 Tx slots	23.91	24.07	23.90	24.50	19.65	19.81	19.64	20.24
GPRS 4 Tx slots	22.63	22.77	22.57	23.00	19.63	19.77	19.57	20.00

GSM850 Ant 4 DSI7		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot		32.44	32.51	32.55	33.50	23.44	23.51	23.55	24.50
GPRS 1 Tx slot		32.39	32.52	32.51	33.50	23.39	23.52	23.51	24.50
GPRS 2 Tx slots		29.11	29.17	29.14	30.70	23.11	23.17	23.14	24.70
GPRS 3 Tx slots		27.35	27.40	27.37	28.90	23.09	23.14	23.11	24.64
GPRS 4 Tx slots		26.07	26.14	26.11	27.70	23.07	23.14	23.11	24.70

Band		WCDMA V Ant 4 DSI7			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.64	21.68	21.59	23.00
3GPP Rel 99	RMC 12.2Kbps	21.70	21.74	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	20.72	20.90	20.96	22.00
3GPP Rel 6	HSDPA Subtest-2	20.65	20.76	20.73	22.00
3GPP Rel 6	HSDPA Subtest-3	20.19	20.24	20.24	21.50
3GPP Rel 6	HSDPA Subtest-4	20.21	20.22	20.24	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.73	20.71	20.64	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.74	20.70	20.63	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.16	20.23	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.18	20.24	20.17	21.50
3GPP Rel 6	HSUPA Subtest-1	20.69	20.77	20.64	22.00
3GPP Rel 6	HSUPA Subtest-2	18.69	18.80	18.65	20.00
3GPP Rel 6	HSUPA Subtest-3	19.70	19.77	19.67	21.00
3GPP Rel 6	HSUPA Subtest-4	18.66	18.73	18.68	20.00
3GPP Rel 6	HSUPA Subtest-5	20.68	20.79	20.65	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.18	18.25	18.13	19.50

Band 5 Ant 0 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	23.05	23.11	23.08	23	1	
10	QPSK	1	25	22.95	23.06	22.97			
10	QPSK	1	49	22.95	23.00	23.05			
10	QPSK	25	0	22.05	22.16	22.03			
10	QPSK	25	12	21.91	22.10	21.99	23	1	
10	QPSK	25	25	21.95	22.02	22.09			
10	QPSK	50	0	22.00	22.14	22.11			
10	16QAM	1	0	21.98	22.10	21.97			
10	16QAM	1	25	21.88	22.05	21.96	22	2	
10	16QAM	1	49	21.94	21.93	22.03			
10	16QAM	25	0	21.10	21.14	20.98			
10	16QAM	25	12	20.94	21.06	21.02			
10	16QAM	25	25	21.00	21.05	21.12	22	2	
10	16QAM	50	0	20.96	21.09	21.13			
10	64QAM	1	0	20.97	21.11	20.92			
10	64QAM	1	25	20.94	20.99	21.00			
10	64QAM	1	49	20.91	20.95	21.03	21	3	
10	64QAM	25	0	20.04	20.16	20.06			
10	64QAM	25	12	19.88	20.16	19.96			
10	64QAM	25	25	19.98	20.04	20.08			
10	64QAM	50	0	19.96	20.09	20.09	24	0	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	23	1	
5	QPSK	1	0	23.00	23.08	22.99			
5	QPSK	1	12	22.88	23.03	22.84			
5	QPSK	1	24	22.82	22.89	22.94	22	2	
5	QPSK	12	0	21.97	22.09	21.96			
5	QPSK	12	7	21.88	22.02	21.94			
5	QPSK	12	13	21.90	21.88	22.06			
5	QPSK	25	0	21.88	22.07	22.04	23	1	
5	16QAM	1	0	21.94	21.97	21.90			
5	16QAM	1	12	21.83	21.94	21.91			
5	16QAM	1	24	21.84	21.81	21.96			
5	16QAM	12	0	20.99	21.12	20.86	22	2	
5	16QAM	12	7	20.88	20.99	20.92			
5	16QAM	12	13	20.97	20.96	21.10			
5	16QAM	25	0	20.87	21.03	21.08			
5	64QAM	1	0	20.94	21.01	20.86	22	2	
5	64QAM	1	12	20.80	20.96	20.96			
5	64QAM	1	24	20.85	20.83	20.98			
5	64QAM	12	0	19.95	20.05	20.04			
5	64QAM	12	7	19.82	20.03	19.88	21	3	
5	64QAM	12	13	19.85	19.97	19.84			
5	64QAM	25	0	19.85	20.06	19.95			
Channel				20415	20525	20635	24	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.98	23.03	23.04	23	1	
3	QPSK	1	8	22.89	23.03	22.86			
3	QPSK	1	14	22.81	22.89	22.91			
3	QPSK	8	0	22.03	22.14	21.93			
3	QPSK	8	4	21.87	21.98	21.94	23	1	
3	QPSK	8	7	21.81	21.96	22.01			
3	QPSK	15	0	21.87	22.03	22.04			
3	16QAM	1	0	21.94	21.98	21.91	22	2	
3	16QAM	1	8	21.75	22.02	21.90			
3	16QAM	1	14	21.86	21.89	21.94			
3	16QAM	8	0	21.04	21.06	20.85			
3	16QAM	8	4	20.90	20.95	20.97	21	3	
3	16QAM	8	7	20.95	21.02	21.06			
3	16QAM	15	0	20.92	21.06	21.01			
3	64QAM	1	0	20.88	21.05	20.81			
3	64QAM	1	8	20.84	20.92	20.87	24	0	
3	64QAM	1	14	20.79	20.84	20.99			
3	64QAM	8	0	20.00	20.06	19.97			
3	64QAM	8	4	19.81	20.05	19.84			
3	64QAM	8	7	19.85	19.94	20.02	23	1	
3	64QAM	15	0	19.84	20.06	20.07			
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	24	0	
1.4	QPSK	1	0	23.01	23.00	22.99			
1.4	QPSK	1	3	22.81	22.93	22.92			
1.4	QPSK	1	5	22.89	22.86	23.03			
1.4	QPSK	3	0	22.92	22.86	22.95	23	1	
1.4	QPSK	3	1	22.72	22.80	22.79			
1.4	QPSK	3	3	22.86	22.72	22.95			
1.4	QPSK	6	0	21.89	22.07	22.05			
1.4	16QAM	1	0	21.89	22.08	21.94	22	2	
1.4	16QAM	1	3	21.85	21.95	21.88			
1.4	16QAM	1	5	21.86	21.82	21.99			
1.4	16QAM	3	0	21.76	22.01	21.97			
1.4	16QAM	3	1	21.81	21.98	21.84	22	2	
1.4	16QAM	3	3	21.72	21.90	21.80			
1.4	16QAM	6	0	20.84	21.03	21.03			
1.4	64QAM	1	0	20.94	21.04	20.89			
1.4	64QAM	1	3	20.85	20.89	20.94	21	3	
1.4	64QAM	1	5	20.85	20.88	20.99			
1.4	64QAM	3	0	20.79	21.00	20.90			
1.4	64QAM	3	1	20.87	21.00	20.83			
1.4	64QAM	3	3	20.80	20.82	20.81	21	3	
1.4	64QAM	6	0	19.84	20.06	20.00			

Band 12 Ant 0 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				23060	23065	23130	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.86	22.81	23	1	
10	QPSK	1	25	22.73	22.83	22.74			
10	QPSK	1	49	22.79	22.78	22.71			
10	QPSK	25	0	21.83	21.92	21.83			
10	QPSK	25	12	21.75	21.82	21.71	23	1	
10	QPSK	25	25	21.78	21.74	21.65			
10	QPSK	50	0	21.86	21.90	21.87			
10	16QAM	1	0	21.70	21.85	21.73			
10	16QAM	1	25	21.63	21.74	21.66	23	1	
10	16QAM	1	49	21.65	21.64	21.55			
10	16QAM	25	0	20.84	20.97	20.84			
10	16QAM	25	12	20.70	20.76	20.65			
10	16QAM	25	25	20.74	20.70	20.67	22	2	
10	16QAM	50	0	20.85	20.90	20.85			
10	64QAM	1	0	20.72	20.88	20.75			
10	64QAM	1	25	20.62	20.75	20.65			
10	64QAM	1	49	20.65	20.65	20.54	22	2	
10	64QAM	25	0	19.82	19.87	19.82			
10	64QAM	25	12	19.70	19.84	19.65			
10	64QAM	25	25	19.84	19.76	19.61			
10	64QAM	50	0	19.82	19.95	19.89	21	3	
Channel				23035	23065	23155			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.76	22.79	22.70	24	0	
5	QPSK	1	12	22.64	22.72	22.63			
5	QPSK	1	24	22.72	22.73	22.63			
5	QPSK	12	0	21.78	21.80	21.75			
5	QPSK	12	7	21.62	21.70	21.64	23	1	
5	QPSK	12	13	21.73	21.65	21.60			
5	QPSK	25	0	21.81	21.79	21.77			
5	16QAM	1	0	21.58	21.73	21.67			
5	16QAM	1	12	21.59	21.72	21.56	23	1	
5	16QAM	1	24	21.61	21.52	21.43			
5	16QAM	12	0	20.72	20.93	20.81			
5	16QAM	12	7	20.57	20.71	20.62			
5	16QAM	12	13	20.60	20.64	20.58	22	2	
5	16QAM	25	0	20.81	20.88	20.73			
5	64QAM	1	0	20.62	20.80	20.70			
5	64QAM	1	12	20.52	20.67	20.51			
5	64QAM	1	24	20.63	20.62	20.43	22	2	
5	64QAM	12	0	19.74	19.73	19.75			
5	64QAM	12	7	19.56	19.75	19.51			
5	64QAM	12	13	19.82	19.72	19.56			
5	64QAM	25	0	19.77	19.90	19.78	21	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.71	22.73	22.71	24	0	
3	QPSK	1	8	22.71	22.79	22.60			
3	QPSK	1	14	22.70	22.71	22.67			
3	QPSK	8	0	21.72	21.89	21.75			
3	QPSK	8	4	21.69	21.70	21.65	23	1	
3	QPSK	8	7	21.68	21.67	21.53			
3	QPSK	15	0	21.79	21.84	21.84			
3	16QAM	1	0	21.61	21.79	21.64			
3	16QAM	1	8	21.60	21.71	21.61	23	1	
3	16QAM	1	14	21.61	21.59	21.46			
3	16QAM	8	0	20.77	20.93	20.81			
3	16QAM	8	4	20.63	20.69	20.54			
3	16QAM	8	7	20.61	20.64	20.62	22	2	
3	16QAM	15	0	20.83	20.87	20.79			
3	64QAM	1	0	20.68	20.78	20.73			
3	64QAM	1	8	20.53	20.65	20.53			
3	64QAM	1	14	20.61	20.61	20.50	22	2	
3	64QAM	8	0	19.76	19.76	19.71			
3	64QAM	8	4	19.64	19.76	19.52			
3	64QAM	8	7	19.77	19.65	19.51			
3	64QAM	15	0	19.75	19.86	19.86	21	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.78	22.82	22.67	24	0	
1.4	QPSK	1	3	22.67	22.69	22.63			
1.4	QPSK	1	5	22.72	22.75	22.67			
1.4	QPSK	3	0	22.69	22.78	22.58			
1.4	QPSK	3	1	22.60	22.67	22.57	23	1	
1.4	QPSK	3	3	22.69	22.72	22.59			
1.4	QPSK	6	0	21.83	21.82	21.63			
1.4	16QAM	1	0	21.57	21.76	21.65			
1.4	16QAM	1	3	21.56	21.66	21.58	23	1	
1.4	16QAM	1	5	21.58	21.58	21.42			
1.4	16QAM	3	0	21.80	21.72	21.71			
1.4	16QAM	3	1	21.50	21.63	21.52			
1.4	16QAM	3	3	21.42	21.55	21.50	22	2	
1.4	16QAM	6	0	20.72	20.82	20.77			
1.4	64QAM	1	0	20.61	20.85	20.71			
1.4	64QAM	1	3	20.50	20.73	20.53			
1.4	64QAM	1	5	20.56	20.58	20.44	22	2	
1.4	64QAM	3	0	20.63	20.75	20.74			
1.4	64QAM	3	1	20.50	20.83	20.58			
1.4	64QAM	3	3	20.39	20.59	20.50			
1.4	64QAM	6	0	19.73	19.88	19.81	21	3	3

Band 41 Ant 1 DSI7														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	22.89	22.89	22.95	22.94	22.88	23.6	0				
20	QPSK	1	49	22.77	22.83	22.93	22.90	22.82						
20	QPSK	1	99	22.82	22.80	22.88	22.82	22.75						
20	QPSK	50	0	21.85	21.94	21.97	21.91	21.87						
20	QPSK	50	24	21.77	21.84	21.91	21.88	21.87	23	0.6				
20	QPSK	50	50	21.77	21.82	21.83	21.76	21.80						
20	QPSK	100	0	21.86	21.87	21.95	21.92	21.89						
20	16QAM	1	0	21.73	21.84	21.93	21.86	21.74						
20	16QAM	1	49	21.64	21.78	21.87	21.78	21.81	23	0.6				
20	16QAM	1	99	21.66	21.73	21.70	21.67	21.74						
20	16QAM	50	0	20.80	20.87	20.88	20.86	20.91						
20	16QAM	50	24	20.79	20.89	20.92	20.88	20.93						
20	16QAM	50	50	20.72	20.87	20.85	20.78	20.82	22	1.6				
20	16QAM	100	0	20.88	20.82	20.92	20.93	20.85						
20	64QAM	1	0	20.68	20.83	20.87	20.91	20.73						
20	64QAM	1	49	20.59	20.78	20.93	20.74	20.75						
20	64QAM	1	99	20.63	20.70	20.71	20.69	20.79	22	1.6				
20	64QAM	50	0	19.84	19.92	19.98	19.89	19.84						
20	64QAM	50	24	19.80	19.81	19.90	19.92	19.82						
20	64QAM	50	50	19.76	19.76	19.85	19.72	19.75						
20	64QAM	100	0	19.92	19.88	19.97	19.96	19.84	21	2.6				
Channel				39725	40173	40620	41068	41515						
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	22.84	22.86	22.83	22.81	22.80	24	0				
15	QPSK	1	37	22.64	22.78	22.85	22.84	22.73						
15	QPSK	1	74	22.77	22.66	22.77	22.75	22.62						
15	QPSK	36	0	21.78	21.92	21.94	21.87	21.75						
15	QPSK	36	20	21.74	21.72	21.85	21.81	21.84	23	0.6				
15	QPSK	36	39	21.70	21.68	21.77	21.62	21.68						
15	QPSK	75	0	21.83	21.76	21.84	21.89	21.82						
15	16QAM	1	0	21.61	21.82	21.80	21.81	21.71						
15	16QAM	1	37	21.60	21.75	21.78	21.71	21.76	23	0.6				
15	16QAM	1	74	21.59	21.71	21.58	21.59	21.71						
15	16QAM	36	0	20.72	20.89	20.88	20.85	20.86						
15	16QAM	36	20	20.71	20.76	20.83	20.82	20.84						
15	16QAM	36	39	20.60	20.75	20.81	20.71	20.76	22	1.6				
15	16QAM	75	0	20.82	20.69	20.86	20.81	20.77						
15	64QAM	1	0	20.60	20.75	20.84	20.79	20.65						
15	64QAM	1	37	20.57	20.71	20.89	20.66	20.64						
15	64QAM	1	74	20.53	20.60	20.66	20.56	20.73	22	1.6				
15	64QAM	36	0	19.72	19.81	19.91	19.81	19.80						
15	64QAM	36	20	19.73	19.75	19.83	19.86	19.73						
15	64QAM	36	39	19.62	19.66	19.76	19.65	19.64						
15	64QAM	75	0	19.83	19.83	19.86	19.90	19.82	21	2.6				
Channel				39700	40160	40620	41080	41540						
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	22.77	22.75	22.88	22.82	22.75	24	0				
10	QPSK	1	25	22.64	22.75	22.80	22.85	22.80						
10	QPSK	1	49	22.78	22.72	22.80	22.71	22.68						
10	QPSK	25	0	21.75	21.83	21.94	21.78	21.82						
10	QPSK	25	12	21.63	21.74	21.77	21.75	21.80	23	0.6				
10	QPSK	25	25	21.64	21.70	21.81	21.64	21.70						
10	QPSK	50	0	21.74	21.80	21.84	21.86	21.75						
10	16QAM	1	0	21.70	21.71	21.84	21.72	21.63						
10	16QAM	1	25	21.56	21.72	21.80	21.70	21.72	23	0.6				
10	16QAM	1	49	21.60	21.64	21.57	21.63	21.62						
10	16QAM	25	0	20.75	20.90	20.90	20.94	20.87						
10	16QAM	25	12	20.67	20.85	20.83	20.84	20.86						
10	16QAM	25	25	20.68	20.78	20.72	20.70	20.77	22	1.6				
10	16QAM	50	0	20.82	20.79	20.84	20.89	20.79						
10	64QAM	1	0	20.56	20.79	20.80	20.84	20.67						
10	64QAM	1	25	20.48	20.69	20.87	20.65	20.70						
10	64QAM	1	49	20.51	20.65	20.63	20.59	20.65	22	1.6				
10	64QAM	25	0	19.78	19.88	19.91	19.77	19.77						
10	64QAM	25	12	19.68	19.77	19.76	19.80	19.68						
10	64QAM	25	25	19.74	19.73	19.73	19.64	19.73						
10	64QAM	50	0	19.85	19.75	19.89	19.90	19.73	21	2.6				
Channel				39675	40148	40620	41093	41565						
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5						
5	QPSK	1	0	22.86	22.82	22.87	22.90	22.80	24	0				
5	QPSK	1	12	22.69	22.69	22.90	22.84	22.72						
5	QPSK	1	24	22.73	22.67	22.83	22.73	22.70						
5	QPSK	12	0	21.81	21.90	21.84	21.84	21.84						
5	QPSK	12	7	21.75	21.78	21.84	21.78	21.75	23	0.6				
5	QPSK	12	13	21.64	21.70	21.79	21.74	21.74						
5	QPSK	25	0	21.76	21.82	21.90	21.80	21.75						
5	16QAM	1	0	21.63	21.74	21.88	21.78	21.70						
5	16QAM	1	12	21.51	21.66	21.75	21.68	21.77	23	0.6				
5	16QAM	1	24	21.61	21.68	21.63	21.56	21.70						
5	16QAM	12	0	20.77	20.91	20.90	20.86	20.83						
5	16QAM	12	7	20.75	20.78	20.82	20.82	20.85						
5	16QAM	12	13	20.68	20.75	20.75	20.69	20.68	22	1.6				
5	16QAM	25	0	20.80	20.71	20.87	20.90	20.73						
5	64QAM	1	0	20.64	20.71	20.85	20.81	20.65						
5	64QAM	1	12	20.47	20.66	20.89	20.65	20.61						
5	64QAM	1	24	20.56	20.65	20.61	20.66	20.74	22	1.6				
5	64QAM	12	0	19.82	19.89	19.91	19.85	19.81						
5	64QAM	12	7	19.70	19.68	19.80	19.84	19.74						
5	64QAM	12	13	19.63	19.64	19.78	19.63	19.72						
5	64QAM	25	0	19.82	19.78	19.89	19.94	19.79	21	2.6				
Channel				39650	40123	40620	41093	41565						
Frequency (MHz)				2496.0	2543.3	2593	2639.3	2685.5						

Band 5 Ant 4 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	23	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.98	22.04	22.00	22	1	
10	QPSK	1	25	21.73	21.90	21.82			
10	QPSK	1	49	21.74	21.93	21.92			
10	QPSK	25	0	20.89	21.06	20.94			
10	QPSK	25	12	20.87	20.98	20.88			
10	QPSK	25	25	20.86	20.93	20.74	22	1	
10	QPSK	50	0	20.92	20.99	20.93			
10	16QAM	1	0	20.78	20.95	20.85			
10	16QAM	1	25	20.77	20.88	20.76			
10	16QAM	1	49	20.82	20.81	20.71			
10	16QAM	25	0	19.84	20.04	19.91	21	2	
10	16QAM	25	12	19.89	19.98	19.88			
10	16QAM	25	25	19.86	19.97	19.69			
10	16QAM	50	0	19.90	19.96	19.98			
10	64QAM	1	0	19.78	19.91	19.83			
10	64QAM	1	25	19.79	19.84	19.80	21	2	
10	64QAM	1	49	19.84	19.76	19.70			
10	64QAM	25	0	18.89	19.01	18.99			
10	64QAM	25	12	18.91	19.00	18.88			
10	64QAM	25	25	18.89	18.95	18.69			
10	64QAM	50	0	18.88	18.96	18.94	20	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	21.86	21.94	21.87	23	0	
5	QPSK	1	12	21.60	21.83	21.77			
5	QPSK	1	24	21.64	21.80	21.87			
5	QPSK	12	0	20.76	20.95	20.87			
5	QPSK	12	7	20.74	20.84	20.77			
5	QPSK	12	13	20.81	20.85	20.70	22	1	
5	QPSK	25	0	20.90	20.91	20.90			
5	16QAM	1	0	20.69	20.88	20.73			
5	16QAM	1	12	20.69	20.83	20.70			
5	16QAM	1	24	20.80	20.71	20.67			
5	16QAM	12	0	19.74	20.01	19.80	21	2	
5	16QAM	12	7	19.79	19.93	19.82			
5	16QAM	12	13	19.77	19.88	19.56			
5	16QAM	25	0	19.84	19.87	19.95			
5	64QAM	1	0	19.71	19.85	19.76			
5	64QAM	1	12	19.77	19.74	19.67	21	2	
5	64QAM	1	24	19.81	19.68	19.59			
5	64QAM	12	0	18.76	18.98	18.93			
5	64QAM	12	7	18.78	18.87	18.83			
5	64QAM	12	13	18.79	18.84	18.57			
5	64QAM	25	0	18.75	18.85	18.89	20	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	21.88	21.92	21.91	23	0	
3	QPSK	1	8	21.81	21.80	21.72			
3	QPSK	1	14	21.68	21.83	21.81			
3	QPSK	8	0	20.78	20.97	20.83			
3	QPSK	8	4	20.79	20.84	20.74			
3	QPSK	8	7	20.83	20.82	20.70	22	1	
3	QPSK	15	0	20.79	20.90	20.81			
3	16QAM	1	0	20.72	20.88	20.78			
3	16QAM	1	8	20.83	20.74	20.67			
3	16QAM	1	14	20.70	20.69	20.66			
3	16QAM	8	0	19.72	20.01	19.80	21	2	
3	16QAM	8	4	19.84	19.93	19.85			
3	16QAM	8	7	19.81	19.89	19.62			
3	16QAM	15	0	19.87	19.89	19.89			
3	64QAM	1	0	19.64	19.89	19.79			
3	64QAM	1	8	19.76	19.72	19.68	21	2	
3	64QAM	1	14	19.79	19.68	19.59			
3	64QAM	8	0	18.82	18.91	18.92			
3	64QAM	8	4	18.78	18.98	18.85			
3	64QAM	8	7	18.80	18.89	18.63			
3	64QAM	15	0	18.81	18.90	18.90	20	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	21.85	22.00	21.97	23	0	
1.4	QPSK	1	3	21.62	21.84	21.72			
1.4	QPSK	1	5	21.71	21.86	21.85			
1.4	QPSK	3	0	21.77	21.89	21.95			
1.4	QPSK	3	1	21.59	21.78	21.60			
1.4	QPSK	3	3	21.60	21.74	21.80	22	1	
1.4	QPSK	6	0	20.81	20.87	20.83			
1.4	16QAM	1	0	20.73	20.84	20.81			
1.4	16QAM	1	3	20.64	20.82	20.65			
1.4	16QAM	1	5	20.74	20.78	20.65			
1.4	16QAM	3	0	20.72	20.85	20.71	22	1	
1.4	16QAM	3	1	20.61	20.72	20.74			
1.4	16QAM	3	3	20.62	20.71	20.54			
1.4	16QAM	6	0	19.82	19.83	19.92			
1.4	64QAM	1	0	19.71	19.78	19.69			
1.4	64QAM	1	3	19.68	19.70	19.66	21	2	
1.4	64QAM	1	5	19.76	19.67	19.61			
1.4	64QAM	3	0	19.78	19.69	19.78			
1.4	64QAM	3	1	19.64	19.65	19.65			
1.4	64QAM	3	3	19.61	19.64	19.63			
1.4	64QAM	6	0	18.82	18.83	18.84	20	3	

Band 12 Ant 4 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				23060	23065	23150			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.03	22.10	22.00	23		0
10	QPSK	1	25	21.89	21.98	21.90			
10	QPSK	1	49	21.99	22.00	21.93			
10	QPSK	25	0	20.87	20.96	20.95			
10	QPSK	25	12	20.92	20.94	20.81			
10	QPSK	25	25	20.65	20.73	20.72	22		1
10	QPSK	50	0	20.81	20.89	20.85			
10	16QAM	1	0	20.76	20.87	20.86			
10	16QAM	1	25	20.86	20.85	20.72			
10	16QAM	1	49	20.54	20.67	20.59			
10	16QAM	25	0	19.82	20.01	19.89	21		2
10	16QAM	25	12	19.96	19.91	19.83			
10	16QAM	25	25	19.65	19.69	19.69			
10	16QAM	50	0	19.83	19.94	19.84			
10	64QAM	1	0	19.77	19.86	19.85			
10	64QAM	1	25	19.81	19.83	19.67	21		2
10	64QAM	1	49	19.57	19.68	19.65			
10	64QAM	25	0	18.82	19.01	18.96			
10	64QAM	25	12	18.91	18.95	18.77			
10	64QAM	25	25	18.63	18.69	18.75			
10	64QAM	50	0	18.79	18.92	18.85	20		3
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.94	22.04	21.95	23		0
5	QPSK	1	12	21.80	21.88	21.83			
5	QPSK	1	24	21.92	21.89	21.85			
5	QPSK	12	0	20.78	20.82	20.81			
5	QPSK	12	7	20.86	20.88	20.70			
5	QPSK	12	13	20.55	20.64	20.67	22		1
5	QPSK	25	0	20.72	20.75	20.74			
5	16QAM	1	0	20.64	20.79	20.81			
5	16QAM	1	12	20.81	20.76	20.68			
5	16QAM	1	24	20.50	20.63	20.45			
5	16QAM	12	0	19.76	19.88	19.77	21		2
5	16QAM	12	7	19.90	19.79	19.73			
5	16QAM	12	13	19.58	19.66	19.62			
5	16QAM	25	0	19.78	19.85	19.76			
5	64QAM	1	0	19.64	19.77	19.81			
5	64QAM	1	12	19.69	19.76	19.54	21		2
5	64QAM	1	24	19.46	19.57	19.55			
5	64QAM	12	0	18.69	18.90	18.82			
5	64QAM	12	7	18.84	18.87	18.71			
5	64QAM	12	13	18.59	18.65	18.72			
5	64QAM	25	0	18.75	18.85	18.79	20		3
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.92	22.02	21.96	23		0
3	QPSK	1	8	21.79	21.84	21.83			
3	QPSK	1	14	21.91	21.93	21.89			
3	QPSK	8	0	20.81	20.84	20.83			
3	QPSK	8	4	20.87	20.88	20.68			
3	QPSK	8	7	20.52	20.62	20.68	22		1
3	QPSK	15	0	20.77	20.96	20.90			
3	16QAM	1	0	20.71	20.79	20.78			
3	16QAM	1	8	20.74	20.74	20.66			
3	16QAM	1	14	20.46	20.54	20.52			
3	16QAM	8	0	19.73	19.97	19.76	21		2
3	16QAM	8	4	19.87	19.84	19.74			
3	16QAM	8	7	19.59	19.62	19.58			
3	16QAM	15	0	19.73	19.88	19.78			
3	64QAM	1	0	19.73	19.78	19.74			
3	64QAM	1	8	19.67	19.76	19.56	21		2
3	64QAM	1	14	19.47	19.58	19.63			
3	64QAM	8	0	18.75	18.88	18.91			
3	64QAM	8	4	18.86	18.84	18.73			
3	64QAM	8	7	18.61	18.59	18.71			
3	64QAM	15	0	18.74	18.83	18.83	20		3
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.00	22.05	21.94	23		0
1.4	QPSK	1	3	21.82	21.94	21.76			
1.4	QPSK	1	5	21.96	21.94	21.85			
1.4	QPSK	3	0	21.97	22.02	21.91			
1.4	QPSK	3	1	21.76	21.88	21.73			
1.4	QPSK	3	3	21.83	21.86	21.80	22		1
1.4	QPSK	6	0	20.74	20.77	20.71			
1.4	16QAM	1	0	20.74	20.75	20.73			
1.4	16QAM	1	3	20.78	20.76	20.66			
1.4	16QAM	1	5	20.48	20.64	20.52			
1.4	16QAM	3	0	20.65	20.72	20.58	22		1
1.4	16QAM	3	1	20.70	20.66	20.68			
1.4	16QAM	3	3	20.65	20.69	20.63			
1.4	16QAM	6	0	19.73	19.84	19.71			
1.4	64QAM	1	0	19.63	19.82	19.74			
1.4	64QAM	1	3	19.69	19.79	19.59	21		2
1.4	64QAM	1	5	19.48	19.65	19.55			
1.4	64QAM	3	0	19.70	19.71	19.66			
1.4	64QAM	3	1	19.59	19.76	19.64			
1.4	64QAM	3	3	19.59	19.67	19.52			
1.4	64QAM	6	0	18.68	18.83	18.83	20		3

LTE Band 42 Ant 5 DS17									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				42110	42590	42990	20.7	0	
				3450	3500	3550			
20	QPSK	1	0	19.86	19.90	19.82	20.7	0	
20	QPSK	1	49	19.82	19.79	19.78			
20	QPSK	1	99	19.74	19.81	19.73			
20	QPSK	50	0	19.84	19.84	19.76			
20	QPSK	50	24	19.73	19.82	19.72			
20	QPSK	50	50	19.74	19.80	19.73	20.7	0	
20	QPSK	100	0	19.78	19.80	19.70			
20	16QAM	1	0	19.74	19.78	19.79			
20	16QAM	1	49	19.73	19.74	19.69		20.7	
20	16QAM	1	99	19.66	19.67	19.71			
20	16QAM	50	0	19.76	19.79	19.69			
20	16QAM	50	24	19.62	19.70	19.62			
20	16QAM	50	50	19.70	19.66	19.68		20.7	
20	16QAM	100	0	19.73	19.78	19.65			
20	64QAM	1	0	19.78	19.76	19.71			
20	64QAM	1	49	19.79	19.67	19.73	20.7	0	
20	64QAM	1	99	19.71	19.70	19.71			
20	64QAM	50	0	19.76	19.75	19.69			
20	64QAM	50	24	19.66	19.79	19.63			
20	64QAM	50	50	19.67	19.67	19.62		20.7	
20	64QAM	100	0	19.64	19.69	19.66			
Channel Frequency (MHz)				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
				3457.5	3500	3542.5	20.7	0	
15	QPSK	1	0	19.78	19.80	19.76			
15	QPSK	1	37	19.77	19.73	19.67			
15	QPSK	1	74	19.61	19.74	19.67			
15	QPSK	36	0	19.75	19.80	19.73	20.7		
15	QPSK	36	20	19.64	19.69	19.61			
15	QPSK	36	39	19.67	19.72	19.61			
15	QPSK	75	0	19.74	19.68	19.67			
15	16QAM	1	0	19.65	19.68	19.66	20.7	0	
15	16QAM	1	37	19.67	19.65	19.66			
15	16QAM	1	74	19.60	19.63	19.67			
15	16QAM	36	0	19.62	19.70	19.56			
15	16QAM	36	20	19.56	19.66	19.60	20.7	0	
15	16QAM	36	39	19.66	19.56	19.63			
15	16QAM	75	0	19.67	19.66	19.60			
15	64QAM	1	0	19.73	19.74	19.64			
15	64QAM	1	37	19.66	19.53	19.63	20.7	0	
15	64QAM	1	74	19.62	19.63	19.62			
15	64QAM	36	0	19.73	19.62	19.59			
15	64QAM	36	20	19.55	19.75	19.59			
15	64QAM	36	39	19.58	19.58	19.51		20.7	
15	64QAM	75	0	19.58	19.57	19.63			
Channel Frequency (MHz)				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
				3455	3500	3545	20.7	0	
10	QPSK	1	0	19.80	19.83	19.77			
10	QPSK	1	25	19.72	19.69	19.65			
10	QPSK	1	49	19.69	19.72	19.69			
10	QPSK	25	0	19.78	19.71	19.64	20.7		
10	QPSK	25	12	19.66	19.79	19.59			
10	QPSK	25	25	19.63	19.76	19.67			
10	QPSK	50	0	19.65	19.71	19.65			
10	16QAM	1	0	19.66	19.74	19.76	20.7	0	
10	16QAM	1	25	19.65	19.72	19.61			
10	16QAM	1	49	19.60	19.55	19.59			
10	16QAM	25	0	19.63	19.73	19.67			
10	16QAM	25	12	19.52	19.63	19.59	20.7	0	
10	16QAM	25	25	19.64	19.59	19.54			
10	16QAM	50	0	19.60	19.75	19.56			
10	64QAM	1	0	19.70	19.63	19.59			
10	64QAM	1	25	19.75	19.54	19.68	20.7	0	
10	64QAM	1	49	19.63	19.59	19.63			
10	64QAM	25	0	19.66	19.61	19.63			
10	64QAM	25	12	19.54	19.66	19.61			
10	64QAM	25	25	19.60	19.53	19.50		20.7	
10	64QAM	50	0	19.62	19.57	19.54			
Channel Frequency (MHz)				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
				3452.5	3500	3547.5	20.7	0	
5	QPSK	1	0	19.72	19.83	19.79			
5	QPSK	1	12	19.74	19.66	19.65			
5	QPSK	1	24	19.68	19.74	19.59			
5	QPSK	12	0	19.75	19.72	19.64	20.7		
5	QPSK	12	7	19.65	19.75	19.63			
5	QPSK	12	13	19.67	19.76	19.65			
5	QPSK	25	0	19.74	19.76	19.61			
5	16QAM	1	0	19.61	19.71	19.75	20.7	0	
5	16QAM	1	12	19.68	19.61	19.65			
5	16QAM	1	24	19.63	19.61	19.64			
5	16QAM	12	0	19.62	19.68	19.67			
5	16QAM	12	7	19.61	19.58	19.56	20.7	0	
5	16QAM	12	13	19.61	19.60	19.63			
5	16QAM	25	0	19.70	19.74	19.56			
5	64QAM	1	0	19.66	19.64	19.58			
5	64QAM	1	12	19.73	19.60	19.70	20.7	0	
5	64QAM	1	24	19.59	19.64	19.65			
5	64QAM	12	0	19.64	19.66	19.63			
5	64QAM	12	7	19.57	19.76	19.57			
5	64QAM	12	13	19.61	19.60	19.51		20.7	
5	64QAM	25	0	19.65	19.56	19.54			

Full & Default Power&DS14								
Part27Q n78 Ant 5								
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				633332			24.0	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		23.19		24.0	0.0
100	PI/2 BPSK	1	137		23.41			
100	PI/2 BPSK	1	271		23.36			
100	PI/2 BPSK	135	0		22.78		23.5	0.5
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		22.80		23.5	0.5
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		23.47		24.0	0.0
100	QPSK	1	137		23.34			
100	QPSK	1	271		23.30			
100	QPSK	135	0		22.29		23.0	1.0
100	QPSK	135	69		23.28		24.0	0.0
100	QPSK	135	138		22.32		23.0	1.0
100	QPSK	270	0		22.29			
100	16QAM	1	1		22.34		23.0	1.0
100	64QAM	1	1		20.83		21.5	2.5
100	256QAM	1	1		18.77		19.5	4.5
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.23	23.37	23.20	24.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	23.42	23.27	23.31	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.39	23.30	23.20	24.0	0.0

Reduced Power Mode for DSI2								
Part27Q n78 Ant 5 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				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		17.30		18.4	0.0
100	PI/2 BPSK	1	137		17.38			
100	PI/2 BPSK	1	271		17.34			
100	PI/2 BPSK	135	0		17.29		18.4	0.0
100	PI/2 BPSK	135	69		17.34		18.4	0.0
100	PI/2 BPSK	135	138		17.40		18.4	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.42			
100	QPSK	1	137		17.38		18.4	0.0
100	QPSK	1	271		17.29			
100	QPSK	135	0		17.33		18.4	0.0
100	QPSK	135	69		17.40		18.4	0.0
100	QPSK	135	138		17.33		18.4	0.0
100	QPSK	270	0		17.35			
100	16QAM	1	1		17.30		18.4	0.0
100	64QAM	1	1		17.31		18.4	0.0
100	256QAM	1	1		17.34		18.4	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.25	17.27	17.30	18.4	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	17.19	17.24	17.25	18.4	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.28	17.32	17.26	18.4	0.0

Reduced Power Mode for DSI3								
Part27Q n78 Ant 5 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				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		20.21		21.2	0.0
100	PI/2 BPSK	1	137		20.20			
100	PI/2 BPSK	1	271		20.18			
100	PI/2 BPSK	135	0		20.20		21.2	0.0
100	PI/2 BPSK	135	69		20.19		21.2	0.0
100	PI/2 BPSK	135	138		20.15		21.2	0.0
100	PI/2 BPSK	270	0		20.24			
100	QPSK	1	1		20.30		21.2	0.0
100	QPSK	1	137		20.19			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.23		21.2	0.0
100	QPSK	135	69		20.25		21.2	0.0
100	QPSK	135	138		20.15		21.2	0.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.16		21.2	0.0
100	64QAM	1	1		20.19		21.2	0.0
100	256QAM	1	1		18.59		19.5	1.7
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.10	20.18	20.14	21.2	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	20.08	20.16	20.12	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.06	20.17	20.15	21.2	0.0

Reduced Power Mode for DSI6								
Part27Q n78 Ant 5 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				633332				
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		22.28		23.6	0.0
100	PI/2 BPSK	1	137		22.17			
100	PI/2 BPSK	1	271		22.18			
100	PI/2 BPSK	135	0		22.26		23.5	0.1
100	PI/2 BPSK	135	69		22.22		23.6	0.0
100	PI/2 BPSK	135	138		22.18		23.5	0.1
100	PI/2 BPSK	270	0		22.15			
100	QPSK	1	1		22.39		23.6	0.0
100	QPSK	1	137		22.25			
100	QPSK	1	271		22.20			
100	QPSK	135	0		21.75		23.0	0.6
100	QPSK	135	69		22.35		23.6	0.0
100	QPSK	135	138		21.78		23.0	0.6
100	QPSK	270	0		21.83			
100	16QAM	1	1		21.79		23.0	0.6
100	64QAM	1	1		20.25		21.5	2.1
100	256QAM	1	1		18.30		19.5	4.1
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.23	22.25	22.14	23.6	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	22.23	22.23	22.22	23.6	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.26	22.28	22.16	23.6	0.0

Reduced Power Mode for DSI7								
Part27Q n78 Ant 5 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				633332			19.0	0.0
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1		17.79		19.0	0.0
100	PI/2 BPSK	1	137		17.89			
100	PI/2 BPSK	1	271		17.82			
100	PI/2 BPSK	135	0		17.86		19.0	0.0
100	PI/2 BPSK	135	69		17.89		19.0	0.0
100	PI/2 BPSK	135	138		17.82		19.0	0.0
100	PI/2 BPSK	270	0		17.78			
100	QPSK	1	1		17.95			
100	QPSK	1	137		17.86		19.0	0.0
100	QPSK	1	271		17.79			
100	QPSK	135	0		17.81		19.0	0.0
100	QPSK	135	69		17.92		19.0	0.0
100	QPSK	135	138		17.89		19.0	0.0
100	QPSK	270	0		17.88			
100	16QAM	1	1		17.79		19.0	0.0
100	64QAM	1	1		17.81		19.0	0.0
100	256QAM	1	1		17.78		19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.71	17.79	17.76	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	17.77	17.81	17.70	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.68	17.79	17.69	19.0	0.0

2.4GHz WLAN							Ant 6 Full power Body-worn Standalone Extremity Standalone		Ant 6 Head Standalone		Ant 6 Head Simultaneous		Ant 6 Body-worn Simultaneous		Ant 6 Hotspot		Ant 6 Extremity Simultaneous			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.97	20.50	19	15.15	16.50	12.09	13.50	16.71	18.00	17.59	19.00	14.61	16.00	98.60			
		6	2437	19.10	20.50	19	15.30	16.50	12.23	13.50	16.86	18.00	17.71	19.00	14.75	16.00				
		11	2462	16.98	18.50	17	15.25	16.50	12.16	13.50	16.79	18.00	16.98	18.50	14.68	16.00				
	802.11g 6Mbps	1	2412	18.24	20.00	19	Not Required	16.50	Not Required	13.50	Not Required	18.00	Not Required	19.00	Not Required	16.00	Not Required	98.25		
		6	2437	18.32	20.00	19		16.50		13.50		18.00		19.00		16.00				
		11	2462	17.15	18.50	17.5		16.50		13.50		18.00		19.00		16.00				
	802.11n-HT20 MCS0	1	2412	18.11	20.00	19		16.50		13.50		18.00		19.00		16.00		98.12		
		6	2437	18.54	20.00	19		16.50		13.50		18.00		19.00		16.00				
		11	2462	16.63	18.00	17.5		16.50		13.50		18.00		19.00		16.00				
	802.11n-HT40 MCS0	3	2422	17.34	19.00	17.5	14.99	16.50	Not Required	13.50	Not Required	15.00	Not Required	16.00	Not Required	16.00	Not Required	98.82		
		6	2437	16.64	18.00	16	15.08	16.50		13.50		15.00		16.00		16.00				
		9	2452	16.26	18.00	16	14.86	16.50		13.50		15.00		16.00		16.00				

5.2GHz WLAN							Ant 3 Full power Body-worn Standalone Extremely Standalone			Ant 3 Head Standalone		Ant 3 Head Simultaneous		Ant 3 Body-worn Simultaneous		Ant 3 Extremely Simultaneous	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.49	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	Not Required	16.00	Not Required	98.25	
		40	5200	17.66	19.00	18		17.00		12.00		15.50		16.00			
		44	5220	17.84	19.00	18		17.00		12.00		15.50		16.00			
		48	5240	17.69	19.00	18		17.00		12.00		15.50		16.00			
	802.11n-HT20 MCS0	36	5180	17.29	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	Not Required	16.00	Not Required	98.12	
		40	5200	17.43	19.00	18		17.00		12.00		15.50		16.00			
		44	5220	17.65	19.00	18		17.00		12.00		15.50		16.00			
		48	5240	17.59	19.00	18		17.00		12.00		15.50		16.00			
	802.11n-HT40 MCS0	38	5190	15.09	16.50	15.5	15.09	16.50	Not Required	12.00	Not Required	15.50	14.54	16.00	96.24		
		46	5230	17.80	19.00	17	15.84	17.00		12.00		15.50	14.89	16.00			
	802.11ac-VHT20 MCS0	36	5180	17.33	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	Not Required	16.00	Not Required	98.13	
		40	5200	17.46	19.00	18		17.00		12.00		15.50		16.00			
		44	5220	17.70	19.00	18		17.00		12.00		15.50		16.00			
		48	5240	17.63	19.00	18		17.00		12.00		15.50		16.00			
	802.11ac-VHT40 MCS0	38	5190	15.13	16.50	15.5	Not Required	16.50	Not Required	12.00	Not Required	15.50	Not Required	16.00	Not Required	96.27	
		46	5230	17.84	19.00	17		17.00		12.00		15.50		16.00			
	802.11ac-VHT80 MCS0	42	5210	13.54	15.00	14		15.00	10.78	12.00	14.38	15.50		15.00	15.00	93.19	

5.3GHz WLAN				Ant 3 Full power Body-worn Standalone Extremely Standalone			Ant 3 Head Standalone		Ant 3 Head Simultaneous		Ant 3 Body-worn Simultaneous Extremely Simultaneous			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5280	17.54	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	98.25	
		56	5280	17.36	19.00	18		17.00		12.00		15.50		
		60	5300	17.33	19.00	18		17.00		12.00		15.50		
		64	5320	17.49	19.00	18		17.00		12.00		15.50		
	802.11n-HT20 MCS0	52	5280	17.28	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	98.12	
		56	5280	17.29	19.00	18		17.00		12.00		15.50		
		60	5300	17.14	19.00	18		17.00		12.00		15.50		
		64	5320	17.11	19.00	18		17.00		12.00		15.50		
	802.11n-HT40 MCS0	54	5270	17.52	19.00	17	15.59	Not Required	12.00	Not Required	14.25	15.50	96.24	
		62	5310	16.80	18.50	17	15.23		17.00		12.00			14.01
	802.11ac-VHT20 MCS0	52	5280	17.31	19.00	18	Not Required	17.00	Not Required	12.00	Not Required	15.50	98.13	
		56	5280	17.35	19.00	18		17.00		12.00		15.50		
		60	5300	17.17	19.00	18		17.00		12.00		15.50		
		64	5320	17.15	19.00	18		17.00		12.00		15.50		
	802.11ac-VHT40 MCS0	54	5270	17.55	19.00	17	Not Required	17.00		12.00	Not Required	15.50	15.50	96.27
		62	5310	16.83	18.50	17		17.00		12.00		15.50		
	802.11ac-VHT80 MCS0	58	5290	13.48	15.00	14		15.00	10.66	12.00		15.00	93.19	

5.5GHz WLAN							Ant 3 Full power Body-worn Standalone Extremely Standalone		Ant 3 Head Standalone		Ant 3 Head Simultaneous		Ant 3 Body-worn Simultaneous		Ant 3 Extremely Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5900	16.01	19.50	18	Not Required	17.50	Not Required	12.50	Not Required	16.50	Not Required	17.00	98.25		
		116	5980	16.06	19.50	18		17.50		12.50		16.50		17.00			
		124	5920	17.19	18.50	18		17.50		12.50		16.50		17.00			
		132	5960	17.43	19.00	18		17.50		12.50		16.50		17.00			
		140	5700	17.60	19.00	18		17.50		12.50		16.50		17.00			
		144	5720	17.66	19.00	18		17.50		12.50		16.50		17.00			
	802.11n-HT20 MCS0	100	5900	17.88	19.50	18	Not Required	17.50	Not Required	12.50	Not Required	16.50	Not Required	17.00	98.12		
		116	5980	17.14	19.00	18		17.50		12.50		16.50		17.00			
		124	5920	17.17	19.00	18		17.50		12.50		16.50		17.00			
		132	5960	17.33	19.00	18		17.50		12.50		16.50		17.00			
		140	5700	17.46	19.00	18		17.50		12.50		16.50		17.00			
		144	5720	17.50	19.00	18		17.50		12.50		16.50		17.00			
	802.11n-HT40 MCS0	102	5910	17.46	19.00	17	16.52	17.50	Not Required	12.50	Not Required	16.50	Not Required	17.00	96.24		
		110	5950	17.31	19.00	17	16.46	17.50		12.50		16.50		17.00			
		126	5930	17.51	19.00	17	16.68	17.50		12.50		16.50		17.00			
		134	5970	17.75	19.00	17	16.79	17.50		12.50		16.50		17.00			
		142	5710	16.95	18.50	17	16.13	17.50		12.50		16.50		17.00			
		100	5900	17.90	19.50	18	17.50	12.50		16.50		17.00					
	802.11ac-VHT20 MCS0	116	5980	17.17	19.00	18	Not Required	17.50	Not Required	12.50	Not Required	16.50	Not Required	17.00	98.13		
		124	5920	17.20	19.00	18		17.50		12.50		16.50		17.00			
		132	5960	17.36	19.00	18		17.50		12.50		16.50		17.00			
		140	5700	17.50	19.00	18		17.50		12.50		16.50		17.00			
		144	5720	17.55	19.00	18		17.50		12.50		16.50		17.00			
		102	5910	17.50	19.00	17		17.50		12.50		16.50		17.00			
802.11ac-VHT40 MCS0	110	5950	17.33	19.00	17	Not Required	17.50	Not Required	12.50	Not Required	16.50	Not Required	17.00	96.27			
	126	5930	17.54	19.00	17		17.50		12.50		16.50		17.00				
	134	5970	17.79	19.00	17		17.50		12.50		16.50		17.00				
	142	5710	17.00	18.50	17		17.50		12.50		16.50		17.00				
802.11ac-VHT80 MCS0	106	5930	14.24	16.00	15	16.00	11.45	12.50	14.24	16.00	14.24	16.00	93.19				
	122	5910	15.35	17.00	16	17.00	11.51	12.50	15.06	16.50	15.35	17.00					
		138	5990	15.58	17.00	16	17.00	11.64	12.50	15.12	16.50	15.58	17.00				

BT BR/EDR

			Ant6 Full power Body-worn Hotspot		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.97	9.95	10.09
	CH 39	2441	15.88	11.06	11.23
	CH 78	2480	15.19	10.74	10.79
Tune-up Limit			16.50	11.50	11.50

BLE_1M

			Ant6 Full power		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
LE	CH 00	2402	9.06		
	CH 19	2440	8.97		
	CH 39	2480	7.11		
Tune-up Limit			9.50		

BLE_2M

			Ant6 Full power		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
LE	CH 00	2402	9.40		
	CH 19	2440	9.35		
	CH 39	2480	7.21		
Tune-up Limit			9.50		

BT BR/EDR

			Ant6 Head Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.03		
	CH 39	2441	10.42		
	CH 78	2480	8.30		
Tune-up Limit			11.00		

BT BR/EDR

			Ant6 Head Standalone		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.45		
	CH 39	2441	13.36		
	CH 78	2480	12.72		
Tune-up Limit			14.00		