

Full & Default Power Mode

GSM850 Default									
GSM850 Ant1		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel		126	189	251	Limit	126	189	251	Limit
Frequency (MHz)		824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GPRS & Tx slots		26.31	26.54	26.48	27.50	23.31	23.58	23.48	24.50
GSM1900 Default									
GSM1900 Ant1		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GPRS & Tx slots		23.35	23.61	23.48	24.50	20.35	20.61	20.46	21.50
WCDMA II Default									
Band		WCDMA II Ant1			Tune-up	WCDMA IV Ant1			Tune-up
TX Channel		9262	9400	9538	Limit	1312	1413	1513	Limit
Rx Channel		9682	9800	9938	(dBm)	1537	1608	1736	(dBm)
Frequency (MHz)		1852.4	1880	1907.8		1712.4	1732.4	1752.6	
3GPP Rel 99	RMC 12.2Kbps	23.48	23.66	23.57	25.00	23.69	23.83	23.59	25.00
WCDMA V Default									
Band		WCDMA V Ant1			Tune-up	WCDMA V Ant1			Tune-up
TX Channel		4132	4182	4233	Limit	4132	4182	4233	Limit
Rx Channel		4357	4407	4458	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		826.4	836.4	846.8		826.4	836.4	846.8	
3GPP Rel 99	RMC 12.2Kbps	23.48	23.66	23.57	25.00	23.75	23.84	23.61	25.00

Band 2 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100	25.5	0
Frequency (MHz)				1890	1890	1900		
20	QPSK	1	0	24.19	24.48	24.27		
20	QPSK	50	0	23.17	23.37	23.21	24.5	1
20	QPSK	100	0	23.19	23.31	23.12		

Band 7 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	25.5	0
Frequency (MHz)				2100	2125	2150		
20	QPSK	1	0	23.84	23.88	23.67		
20	QPSK	50	0	22.68	22.78	22.59	24.5	1
20	QPSK	100	0	22.64	22.72	22.63		

Band 38 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150	25	0
Frequency (MHz)				38000	38000	38100		
20	QPSK	1	0	23.54	23.64	23.56		
20	QPSK	50	0	22.74	22.86	22.63	24	1
20	QPSK	100	0	22.49	22.51	22.41		

Band 4 Ant1 Default								
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				20050	20175	20300	25.5	0
Frequency (MHz)				1700	1732.5	1765		
20	QPSK	1	0	24.06	24.37	24.34		
20	QPSK	50	0	23.21	23.35	23.31	24.5	1
20	QPSK	100	0	23.10	23.34	23.32		

Band 26 Ant1 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26869	26965	25.5	0
Frequency (MHz)				321.5	331.5	341.5		
15	QPSK	1	0	23.95	24.02	23.92		
15	QPSK	36	0	22.79	22.84	22.61	24.5	1
15	QPSK	75	0	22.65	22.77	22.76		

Band 41 Ant1 Default										
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	25	0
Frequency (MHz)				2506	2519.5	2533	2536.5	2550		
20	QPSK	1	0	23.42	23.49	23.75	23.52	23.46		
20	QPSK	50	0	22.62	22.52	22.86	22.53	22.60	24	1
20	QPSK	100	0	22.63	22.48	22.75	22.45	22.54		

Band 5 Ant1 Default								
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	25.5	0
Frequency (MHz)				320	330.5	341		
10	QPSK	1	0	23.52	23.55	23.58		
10	QPSK	25	0	22.92	23.08	22.95	24.5	1
10	QPSK	50	0	22.91	23.05	22.97		

Band 66 Ant1 Default								
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				132072	132322	132572	25.5	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.16	24.38	24.18		
20	QPSK	50	0	23.48	23.55	23.46	24.5	1
20	QPSK	100	0	23.34	23.48	23.36		

GSM850 Default									
GSM850 Ant4		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	
GPRS 3 Tx slots		27.81	27.76	27.68	29.50	23.35	23.50	23.40	25.24
GSM1900 Default									
GSM1900 Ant4		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1900.8		1850.2	1860	1900.8	
GPRS 2 Tx slots		26.16	26.57	26.31	27.50	20.18	20.57	20.31	21.50
WCDMA II Default									
Band		WCDMA II Ant4			Tune-up Limit (dBm)	WCDMA IV Default			Tune-up Limit (dBm)
TX Channel		9262	9800	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1860	1907.6		1712.4	1732.6	1752.6	
3GPP Ref 95		23.27	23.36	23.26	25.00	23.20	23.24	23.21	25.00
RMC 12-24kops									
WCDMA V Default									
Band		WCDMA V Ant4			Tune-up Limit (dBm)	WCDMA V Ant4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Ref 95		23.27	23.36	23.26	25.00	23.20	23.24	23.21	25.00
RMC 12-24kops									

Band 2 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1890	1900			
20	QPSK	1	0	23.93	24.17	23.98	25.5	0	
20	QPSK	50	0	23.06	23.16	23.11	24.5	1	
20	QPSK	100	0	23.09	23.15	23.12			

Band 7 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.83	24.01	23.76	25.5	0
20	QPSK	50	0	22.68	22.71	22.56	24.5	1
20	QPSK	100	0	22.59	22.67	22.61		

Band 38 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.57	23.69	23.55	25	0	
20	QPSK	50	0	22.57	22.89	22.83	24	1	
20	QPSK	100	0	22.67	22.81	22.51			

Band 4 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20090	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.76	24.07	23.96	25.5	0	
20	QPSK	50	0	22.98	23.01	22.79	24.5	1	
20	QPSK	100	0	22.91	23.02	23.01			

Band 26 Ant4 Default								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				2615	831.5	841.5		
15	QPSK	1	0	23.98	24.12	23.75	25.5	0
15	QPSK	36	0	22.89	22.93	22.77	24.5	1
15	QPSK	75	0	22.69	22.73	22.59		

Band 41 Ant4 Default									
BW [MHz]	Modulat ion	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)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2500	2549.5	2603	2634.5	2700	
20	QPSK	1	0	23.57	23.56	23.94	23.81	23.71	25
20	QPSK	50	0	22.86	22.83	22.99	22.69	22.68	24
20	QPSK	100	0	22.79	22.77	22.92	22.81	22.73	24

Band 5 Ant4 Default								
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	23.94	24.10	23.97	25.5	0
10	QPSK	25	0	22.86	22.99	22.69	24.5	1
10	QPSK	50	0	22.78	23.03	22.93		

Band 66 Ant4 Default								
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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.00	24.12	23.86	25.5	0
20	QPSK	50	0	23.14	23.19	23.00	24.5	1
20	QPSK	100	0	23.02	23.06	22.97		

Reduced Power Mode for DSI 1

GSM850 Default									
GSM850 Ant1			Burst Average Power (dbm)		Tune-up	Frame-Average Power (dbm)		Tune-up	
TX Channel	128	169	251		Limit	128	169	251	Limit
Frequency (MHz)	824.2	836.4	848.8		(dbm)	824.2	836.4	848.8	(dbm)
GPRS 4 Tx slots	26.31	26.58	26.48	27.50		23.31	23.58	23.48	24.50
GSM1900 Default									
GSM1900 Ant1			Burst Average Power (dbm)		Tune-up	Frame-Average Power (dbm)		Tune-up	
TX Channel	512	661	810		Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1860	1909.8		(dbm)	1850.2	1860	1909.8	(dbm)
GPRS 4 Tx slots	23.35	23.61	23.46	24.50		20.35	20.61	20.46	21.50
WCDMA II Default									
WCDMA II Ant1			WCDMA II Ant1		Tune-up	WCDMA IV Default		WCDMA V Default	
TX Channel	9262	9405	9538		Limit	1312	1413	1513	Limit
Rx Channel	9662	9800	9938		(dbm)	1537	1638	1738	(dbm)
Frequency (MHz)	1852.4	1860	1907.6			1712.4	1732.2	1752.6	
3GPP Rel 99	23.48	23.66	23.57	25.00		23.69	23.83	23.59	25.00
RMC 12.2Kbps									

Band 2 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1880	1890	1900			
20	QPSK	1	0	24.19	24.46	24.27	25.5	0	
20	QPSK	50	0	23.17	23.37	23.21	24.5		1
20	QPSK	100	0	23.19	23.31	23.12			

Band 7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2100	2135	2160			
20	QPSK	1	0	23.64	23.86	23.67	25.5	0	
20	QPSK	50	0	22.68	22.78	22.58	24.5		1
20	QPSK	100	0	22.64	22.72	22.63			

Band 38 Ant1 Default									
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				37650	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.54	23.64	23.56	25	0	
20	QPSK	50	0	22.74	22.86	22.63	24		1
20	QPSK	100	0	22.49	22.51	22.41			

Band 4 Ant1 Default									
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				20550	20176	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	24.06	24.37	24.34	25.5	0	
20	QPSK	50	0	23.21	23.35	23.31	24.5		1
20	QPSK	100	0	23.10	23.34	23.32			

Band 26 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.85	24.02	23.92	25.5	0	
15	QPSK	36	0	22.75	22.84	22.61			
15	QPSK	75	0	22.65	22.77	22.76	24.5		1

Band 41 Ant1 Default									
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)
Channel				39750	40165	40600	41025	41450	
Frequency (MHz)				2508	2549.5	2593	2635.5	2680	
20	QPSK	1	0	23.42	23.49	23.75	23.52	23.46	25
20	QPSK	50	0	22.62	22.52	22.86	22.53	22.60	
20	QPSK	100	0	22.63	22.48	22.75	22.45	22.54	24

Band 5 Ant1 Default									
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)				850	836.5	844			
10	QPSK	1	0	23.92	23.99	23.98	25.5	0	
10	QPSK	25	0	22.92	23.08	22.95	24.5		1
10	QPSK	50	0	22.91	23.05	22.97			

Band 66 Ant1 Default									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	24.16	24.36	24.18	25.5	0	
20	QPSK	50	0	23.48	23.55	23.46	24.5		1
20	QPSK	100	0	23.34	23.48	23.36			

GSM850 DS1									
GSM850 Ant4		Burst Average Power (dbm)			Tuneup	Frame-Average Power (dbm)			Tune-up
TX Channel		128	189	251	Limit	128	189	251	Limit
Frequency (MHz)		824.2	836.4	848.8	(dbm)	824.2	836.4	848.8	(dbm)
GPRS 4 Tx slots		23.29	23.46	23.57	24.50	20.29	20.46	20.57	21.50
GSM1900 Default									
GSM1900 Ant4		Burst Average Power (dbm)			Tuneup	Frame-Average Power (dbm)			Tune-up
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1850.2	1860	1900.8	(dbm)	1850.2	1860	1900.8	(dbm)
GPRS 2 Tx slots		26.16	26.57	26.31	27.50	20.16	20.57	20.31	21.50
WCDMA I DS1									
Band		WCDMA I Ant4			Tuneup	WCDMA IV DS1			WCDMA V DS1
TX Channel		9262	9600	9538	Limit	1312	1413	1513	Limit
Rx Channel		9662	9800	9938	(dbm)	1537	1638	1738	Limit
Frequency (MHz)		1852.4	1860	1907.6		1712.4	1732.6	1752.6	(dbm)
3GPP Ref 95		17.76	17.93	17.89	19.00	13.69	14.29	14.06	15.50
RMC 12-24kps									22.41
									22.38
									23.50

Band 2 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1880	1880	1900			
20	QPSK	1	0	18.14	18.26	18.25	19.5	0	
20	QPSK	50	0	18.20	18.24	18.18			
20	QPSK	100	0	18.14	18.23	18.15	19.5	0	

Band 7 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20910	2095	2090			
20	QPSK	1	0	17.23	17.38	17.30	18.5	0	
20	QPSK	50	0	17.22	17.37	17.35			
20	QPSK	100	0	17.24	17.34	17.32	18.5	0	

Band 38 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.84	20.18	19.93	21	0	
20	QPSK	50	0	19.73	19.83	19.76			
20	QPSK	100	0	19.77	19.81	19.68	21	0	

Band 4 Ant4 DSI1									
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				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	13.89	14.28	13.91	15.5	0	
20	QPSK	50	0	13.76	13.78	13.68			
20	QPSK	100	0	13.84	13.91	13.86	15.5	0	

Band 26 Ant4 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26885	26995			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.10	22.13	21.97	23.5	0	
15	QPSK	36	0	22.01	22.08	21.89			
15	QPSK	75	0	22.02	22.03	21.84	23.5	0	

Band 41 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High 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	19.69	19.68	20.21	19.61	19.77	21	0
20	QPSK	50	0	19.68	19.76	19.93	19.75	19.83		
20	QPSK	100	0	19.59	19.87	20.03	19.64	19.58	21	0

Band 5 Ant4 DSI1									
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	21.94	22.06	21.92	23.5	0	
10	QPSK	25	0	21.86	21.97	21.91			
10	QPSK	50	0	21.84	21.93	21.87	23.5	0	

Band 66 Ant4 DSI1									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	14.13	14.32	13.97	15.5	0	
20	QPSK	50	0	14.29	14.30	14.09			
20	QPSK	100	0	14.16	14.19	14.11	15.5	0	

Reduced Power Mode for DSI3

GSM850 DSI3									
GSM850 Acct1		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	
GPRS 4 Tx slots		21.31	21.43	21.42	23.00	18.31	18.43	18.42	20.00
GSM1900 DSI3									
GSM1900 Acct1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1909.8		1850.2	1860	1909.8	
GPRS 2 Tx slots		25.07	26.13	25.89	27.00	19.67	20.13	19.89	21.00
WCDMA II DSI3									
Band		WCDMA II Acct1			Tune-up Limit (dBm)	WCDMA IV Acct1			
TX Channel		9262	9800	9938		1312	1413	1513	
Rx Channel		9682	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1860	1907.6		1712.4	1732.6	1752.6	
SCPP Rel 99		21.57	21.65	21.43	22.50	21.68	21.79	21.66	22.50
RMC T2 2Mbps									
WCDMA V Acct1									
		WCDMA V Acct1			Tune-up Limit (dBm)				Tune-up Limit (dBm)
		4132	4152	4233		4357	4407	4498	
		826.4	836.4	846.6		826.4	836.4	846.6	
		23.75	23.84	23.61	25.00				25.00

Band 2 Ant1 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100	23	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.64	21.93	21.71		
20	QPSK	50	0	21.69	21.78	21.74		
20	QPSK	100	0	21.65	21.79	21.68	23	0

Band 7 Ant1 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	21	0
Frequency (MHz)				20850	2095	2090		
20	QPSK	1	0	19.26	19.33	19.17		
20	QPSK	50	0	19.19	19.28	19.11		
20	QPSK	100	0	19.16	19.25	19.21	21	0

Band 38 Ant1 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150	23.5	0
Frequency (MHz)				37800	37895	37910		
20	QPSK	1	0	22.45	22.49	22.47		
20	QPSK	50	0	22.41	22.47	22.45		
20	QPSK	100	0	22.42	22.45	22.41	23.5	0

Band 4 Ant1 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300	23	0
Frequency (MHz)				1920	1932.5	1945		
20	QPSK	1	0	21.57	21.86	21.65		
20	QPSK	50	0	21.39	21.43	21.34		
20	QPSK	100	0	21.43	21.48	21.37	23	0

Band 26 Ant1 Default								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965	25.5	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.95	24.02	23.92		
15	QPSK	36	0	22.79	22.84	22.61		
15	QPSK	75	0	22.65	22.77	22.76	24.5	1

Band 41 Ant1 DSI3										
BW [MHz]	Modulat ion	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	MPR (dB)
Channel				39750	40185	40620	41055	41490	23.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.16	22.17	22.50	22.21	22.25		
20	QPSK	50	0	22.36	22.42	22.46	22.42	22.20		
20	QPSK	100	0	22.35	22.32	22.39	22.22	22.29	23.5	0

Band 5 Ant1 Default								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	25.5	0
Frequency (MHz)				320	338.5	344		
10	QPSK	1	0	23.92	23.99	23.98		
10	QPSK	25	0	22.92	23.08	22.95		
10	QPSK	50	0	22.91	23.05	22.97	24.5	1

Band 66 Ant1 DSI3								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572	23.5	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.97	22.37	21.93		
20	QPSK	50	0	22.14	22.15	22.13		
20	QPSK	100	0	22.16	22.31	22.21	23.5	0

GSM850 DSIS									
GSM850 Ant4		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)		
TX Channel		128	189	251	Limit (dBm)		128	189	251
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8
GPRS 3 Tx slots		27.03	27.16	27.05	29.00		22.77	22.90	22.79
24.74									
GSM1900 DSIS									
GSM1900 Ant4		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)		
TX Channel		512	661	810	Limit (dBm)		512	661	810
Frequency (MHz)		1850.2	1860	1900.8			1850.2	1860	1900.8
GPRS 2 Tx slots		25.81	26.02	25.71	27.00		19.61	20.02	19.71
21.00									
WCDMA I DSIS									
Band		WCDMA I Ant4			Tune-up		WCDMA IV Ant4		
TX Channel		9262	9600	9538	Limit (dBm)		1312	1413	1513
Rx Channel		9662	9800	9938			1537	1638	1738
Frequency (MHz)		1852.4	1860	1907.6			1712.4	1732.6	1752.6
3GPP Ref 95		19.29	19.31	19.18	20.50		17.75	17.85	17.68
RMC 12.2Kbps							19.00	23.47	23.52
23.52									
WCDMA V Ant4									
TX Channel		4132	4182	4233	Tune-up		4132	4182	4233
Rx Channel		4357	4407	4458	Limit (dBm)		4357	4407	4458
Frequency (MHz)		2026.4	2038.4	2046.6			2026.4	2038.4	2046.6
3GPP Ref 95		19.29	19.31	19.18	20.50		17.75	17.85	17.68
RMC 12.2Kbps							19.00	23.47	23.52
23.52									

Band 2 Ant4 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	17.97	18.09	18.08	19.5	0	
20	QPSK	50	0	18.03	18.07	18.01	19.5	0	
20	QPSK	100	0	17.97	18.06	17.98	19.5	0	

Band 7 Ant4 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				20550	21100	21550			
Frequency (MHz)				20510	20535	20560			
20	QPSK	1	0	17.91	18.13	17.88	19.5	0	
20	QPSK	50	0	17.80	17.81	17.78	19.5	0	
20	QPSK	100	0	17.71	17.72	17.67	19.5	0	

Band 38 Ant4 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				37850	38000	38150			
Frequency (MHz)				2000	2005	2010			
20	QPSK	1	0	20.23	20.29	20.20	21.5	0	
20	QPSK	50	0	20.17	20.23	20.21	21.5	0	
20	QPSK	100	0	20.25	20.26	20.24	21.5	0	

Band 4 Ant4 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				20050	20175	20300			
Frequency (MHz)				1720	17325	1745			
20	QPSK	1	0	16.76	17.21	17.04	18.5	0	
20	QPSK	50	0	16.81	16.95	16.88	18.5	0	
20	QPSK	100	0	16.85	16.93	16.90	18.5	0	

Band 26 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20765	20865	20965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.96	24.12	23.75	25.5	0	
15	QPSK	36	0	22.89	22.93	22.77	24.5	1	
15	QPSK	75	0	22.69	22.73	22.59	24.5	1	

Band 41 Ant4 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				39750	40185	40620			
Frequency (MHz)				2500	2549.5	2599			
20	QPSK	1	0	20.05	20.16	20.66	20.17	20.26	21.5
20	QPSK	50	0	20.10	20.21	20.43	20.17	20.20	21.5
20	QPSK	100	0	20.21	20.17	20.45	20.14	20.18	21.5

Band 5 Ant4 Default									
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)				200	202.5	204			
10	QPSK	1	0	23.94	24.10	23.97	25.5	0	
10	QPSK	25	0	22.86	22.99	22.69	24.5	1	
10	QPSK	50	0	22.78	23.03	22.93	24.5	1	

Band 66 Ant4 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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	17.78	18.12	17.71	19.5	0	
20	QPSK	50	0	17.81	17.85	17.80	19.5	0	
20	QPSK	100	0	17.80	17.81	17.78	19.5	0	

Reduced Power Mode for DS14

GSM850 Default									
GSM850 Ant1		Burst Average Power (dBm)			Tune-up Limit		Frame-Average Power (dBm)		
TX Channel		128	189	251			128	189	251
Frequency (MHz)		824.2	836.4	848.6			824.2	836.4	848.6
GPRS 4 Tx slots		23.31	20.58	20.48	27.50		23.31	23.58	23.48
GSM1900 Default									
GSM1900 Ant1		Burst Average Power (dBm)			Tune-up Limit		Frame-Average Power (dBm)		
TX Channel		512	861	810			512	861	810
Frequency (MHz)		1850.2	1860	1909.8			1850.2	1860	1909.8
GPRS 4 Tx slots		23.35	23.61	23.46	24.50		20.35	20.61	20.46
WCDMA II Default									
Band		WCDMA II Ant1			Tune-up Limit		WCDMA IV Default		
TX Channel		9552	9600	9538			1312	1413	1513
Rx Channel		9682	9800	9938			1537	1638	1738
Frequency (MHz)		1852.4	1860	1907.6			1712.4	1732.6	1752.6
3GPP Ref 99		23.48	23.66	23.57	25.00		23.69	23.83	23.59
WCDMA V Default									
Band		WCDMA V Ant1			Tune-up Limit		WCDMA V Default		
TX Channel		4132	4182	4233			4132	4182	4233
Rx Channel		4357	4407	4458			4357	4407	4458
Frequency (MHz)		826.4	836.4	846.6			826.4	836.4	846.6
3GPP Ref 99		23.75	23.84	23.61	25.00		23.75	23.84	23.61

Band 2 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	24.19	24.46	24.27	25.5	0	
20	QPSK	50	0	23.17	23.37	23.21	24.5	1	
20	QPSK	100	0	23.19	23.31	23.12	24.5	1	

Band 7 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.84	23.88	23.87	25.5	0	
20	QPSK	50	0	22.68	22.76	22.59	24.5	1	
20	QPSK	100	0	22.64	22.72	22.63	24.5	1	

Band 38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.54	23.64	23.56	25	0	
20	QPSK	50	0	22.74	22.86	22.63	24	1	
20	QPSK	100	0	22.49	22.51	22.41	24	1	

Band 4 Ant1 Default									
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				20050	20175	20300			
Frequency (MHz)				1220	1232.5	1245			
20	QPSK	1	0	24.06	24.37	24.34	25.5	0	
20	QPSK	50	0	23.21	23.35	23.31	24.5	1	
20	QPSK	100	0	23.10	23.34	23.32	24.5	1	

Band 26 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26885	26995			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.95	24.02	23.92	25.5	0	
15	QPSK	36	0	22.79	22.94	22.61	24.5	1	
15	QPSK	75	0	22.65	22.77	22.76	24.5	1	

Band 41 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2598	2640.5	2683	2725.5	2768	
20	QPSK	1	0	23.42	23.49	23.75	23.52	23.46	25
20	QPSK	50	0	22.62	22.52	22.86	22.53	22.60	24
20	QPSK	100	0	22.63	22.48	22.75	22.45	22.54	24

Band 5 Ant1 Default									
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)				935	936.5	944			
10	QPSK	1	0	23.92	23.99	23.98	25.5	0	
10	QPSK	25	0	22.92	23.08	22.95	24.5	1	
10	QPSK	50	0	22.91	23.05	22.97	24.5	1	

Band 66 Ant1 Default									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	24.16	24.38	24.18	25.5	0	
20	QPSK	50	0	23.48	23.55	23.46	24.5	1	
20	QPSK	100	0	23.34	23.48	23.36	24.5	1	

GSM850 Default									
GSM850 Airtel		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)		
TX Channel		128	189	251	Limit		128	189	251
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8
GPRS 3 Tx slots		27.81	27.76	27.68	29.50		23.35	23.50	23.40
		25.24							
GSM1900 Default									
GSM1900 Airtel		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)		
TX Channel		512	661	810	Limit		512	661	810
Frequency (MHz)		1850.2	1880	1909.8	(dBm)		1850.2	1880	1909.8
GPRS 2 Tx slots		26.18	26.57	26.31	27.50		20.18	20.57	20.31
		21.50							
WCDMA II Default									
Band		WCDMA II Airtel			Tune-up		WCDMA V DSH		
TX Channel		9282	9800	9538	Limit		1312	1413	1513
Rx Channel		9682	9800	9938	(dBm)		1537	1638	1738
Frequency (MHz)		1852.4	1880	1907.6	(dBm)		1712.4	1732.5	1752.5
SCPP Ref 55		23.27	23.35	23.26	25.00		21.62	21.57	21.68
RMC 12-24Kbps		23.47	23.57	23.32	25.00		23.00	23.47	23.52
									25.00

Band 2 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1900	1920	1940			
20	QPSK	1	0	23.93	24.17	23.98	25.5	0	
20	QPSK	50	0	23.06	23.16	23.11	24.5	1	
20	QPSK	100	0	23.09	23.15	23.12			

Band 7 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.83	24.01	23.76	25.5	0	
20	QPSK	50	0	22.68	22.71	22.56	24.5	1	
20	QPSK	100	0	22.59	22.67	22.61			

Band 38 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2650	2655	2610			
20	QPSK	1	0	23.57	23.69	23.55	25	0	
20	QPSK	50	0	22.57	22.89	22.63	24		
20	QPSK	100	0	22.67	22.81	22.51			

Band 4 Ant4 DS14									
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				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	21.84	22.04	21.84	23.5	0	
20	QPSK	50	0	21.91	21.98	21.87	23.5	1	
20	QPSK	100	0	21.95	21.99	21.97			

Band 26 Ant4 Default									
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				521.5	531.5	541.5			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.98	24.12	23.75	25.5	0	
15	QPSK	96	0	22.89	22.93	22.77	24.5	1	
15	QPSK	75	0	22.69	22.73	22.59			

Band 41 Ant4 Default										
BW [MHz]	Modulat ion	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	23.57	23.56	23.94	23.81	23.71	25	0
20	QPSK	50	0	22.86	22.83	22.99	22.69	22.68		
20	QPSK	100	0	22.79	22.77	22.92	22.81	22.73	24	1

Band 5 Ant4 Default									
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)				199	196.5	194			
10	QPSK	1	0	23.94	24.10	23.97	25.5	0	
10	QPSK	25	0	22.86	22.99	22.69	24.5	1	
10	QPSK	50	0	22.78	23.03	22.93			

Band 66 Ant4 DS14									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.78	22.05	21.83	23.5	0	
20	QPSK	50	0	21.67	21.73	21.71	23.5	1	
20	QPSK	100	0	21.71	21.74	21.67			

Reduced Power Mode for DSI5

GSM850 DSI5									
GSM850 Acct1		Burst Average Power (dbm)			Tune-up Limit (dbm)		Frame Average Power (dbm)		
TX Channel		128	189	251	Limit (dbm)		128	189	251
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8
GPRS 4 Tx slots		21.32	21.44	21.42	23.00		18.32	18.44	18.42
									20.00
GSM1900 DSI5									
GSM1900 Acct1		Burst Average Power (dbm)			Tune-up Limit (dbm)		Frame Average Power (dbm)		
TX Channel		512	861	810	Limit (dbm)		512	861	810
Frequency (MHz)		1850.2	1880	1909.8			1850.2	1880	1909.8
GPRS 4 Tx slots		22.23	22.54	22.38	23.00		19.23	19.54	19.38
									20.00
WCDMA I DSI5									
Band		WCDMA I Acct1			Tune-up Limit (dbm)		WCDMA IV DSI5		
TX Channel		9282	9400	9538	Limit (dbm)		1312	1413	1513
Rx Channel		9682	9800	9938			1537	1638	1738
Frequency (MHz)		1852.4	1880	1907.6			1712.4	1732.6	1752.6
3GPP Rel 99 RMC 12-Hops		21.36	21.72	21.85	22.50		21.71	21.77	21.55
							22.50		
WCDMA V Default									
		WCDMA V Acct1			Tune-up Limit (dbm)		WCDMA V Default		
		4132	4152	4233	Limit (dbm)		4132	4152	4233
		4357	4407	4458			4357	4407	4458
		826.4	836.4	846.6			826.4	836.4	846.6
		23.47	23.76	23.95			23.47	23.76	23.95
									25.00

Band 2 Ant1 DSI5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.64	21.93	21.71	23	0
20	QPSK	1	49	21.69	21.78	21.74		
20	QPSK	1	99	21.65	21.79	21.68		

Band 7 Ant1 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	19.26	19.33	19.17	21	0	
20	QPSK	50	0	19.19	19.28	19.11			
20	QPSK	100	0	19.18	19.25	19.21			

Band 38 Ant1 DSI5									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.45	22.49	22.47	23.5	0	
20	QPSK	50	0	22.41	22.47	22.45			
20	QPSK	100	0	22.42	22.45	22.41			

Band 4 Ant1 DSI5								
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.57	21.86	21.65	23	0
20	QPSK	1	49	21.39	21.43	21.34		
20	QPSK	1	99	21.43	21.48	21.37		

Band 26 Ant1 Default								
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.95	24.02	23.92	25.5	0
15	QPSK	35	0	22.79	22.84	22.61		
15	QPSK	75	0	22.65	22.77	22.76		

Band 41 Ant1 DSI5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40520	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.16	22.17	22.50	22.21	22.25	0
20	QPSK	50	0	22.36	22.42	22.46	22.42	22.29	
20	QPSK	100	0	22.35	22.32	22.39	22.22	22.20	0

Band 5 Ant1 Default								
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	23.92	23.99	23.98	25.5	0
10	QPSK	1	25	22.92	23.08	22.95		
10	QPSK	1	49	22.91	23.05	22.97		

Band 66 Ant1 DSI5									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.97	22.37	21.93	23.5	0	
20	QPSK	50	0	22.14	22.15	22.13			
20	QPSK	100	0	22.18	22.31	22.21		0	

GSM850 DSS									
GSM850 Ant4		Burst Average Power (dbm)			Tune-up Limit		Frame-Average Power (dbm)		
TX Channel		128	189	251	Limit (dbm)		128	189	251
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8
GPRS 4 Tx slots		23.29	23.48	23.37	24.50		20.29	20.46	20.37
							21.50		
GSM1900 DSS									
GSM1900 Ant4		Burst Average Power (dbm)			Tune-up Limit		Frame-Average Power (dbm)		
TX Channel		512	661	810	Limit (dbm)		512	661	810
Frequency (MHz)		1850.2	1880	1909.8			1850.2	1880	1909.8
GPRS 2 Tx slots		25.81	26.02	25.71	27.00		19.61	20.02	19.71
							21.00		
WCDMA I DSS									
Band		WCDMA I Ant4			Tune-up Limit		WCDMA IV DSS		
TX Channel		9262	9800	9538	Limit (dbm)		1312	1413	1513
Rx Channel		9662	9800	9938			1537	1638	1738
Frequency (MHz)		1852.4	1880	1907.6			1712.4	1732.6	1752.6
3GPP Ref 95		17.76	17.93	17.89	18.00		13.69	14.29	14.06
RMC 12-24kps							15.50	22.41	22.38
								23.50	
WCDMA V DSS									
Band		WCDMA V Ant4			Tune-up Limit		WCDMA V Ant3		
TX Channel		4192	4192	4293	Limit (dbm)		4192	4192	4293
Rx Channel		4357	4467	4458			4357	4467	4458
Frequency (MHz)		826.4	836.4	848.6			826.4	836.4	848.6
3GPP Ref 95		17.76	17.93	17.89	18.00		13.69	14.29	14.06
RMC 12-24kps							15.50	22.41	22.38
								23.50	

Band 2 Ant4 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	18.14	18.26	18.25	19.5	0	
20	QPSK	50	0	18.20	18.24	18.18	19.5	0	
20	QPSK	100	0	18.14	18.23	18.15	19.5	0	

Band 7 Ant4 DSI5									
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				20650	21100	21350			
Frequency (MHz)				20610	20835	20930			
20	QPSK	1	0	17.23	17.38	17.30	18.5	0	
20	QPSK	50	0	17.22	17.37	17.35	18.5	0	
20	QPSK	100	0	17.24	17.34	17.32	18.5	0	

Band 38 Ant4 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.23	20.29	20.20	21.5	0	
20	QPSK	50	0	20.17	20.23	20.21	21.5	0	
20	QPSK	100	0	20.25	20.26	20.24	21.5	0	

Band 4 Ant4 DSI5									
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				20050	20175	20300			
Frequency (MHz)				1320	1322.5	1325			
20	QPSK	1	0	13.89	14.28	13.91	15.5	0	
20	QPSK	50	0	13.76	13.78	13.68	15.5	0	
20	QPSK	100	0	13.84	13.91	13.86	15.5	0	

Band 26 Ant4 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				221.5	221.5	221.5			
15	QPSK	1	0	22.10	22.13	21.97	23.5	0	
15	QPSK	36	0	22.01	22.08	21.89	23.5	0	
15	QPSK	75	0	22.02	22.03	21.84	23.5	0	

Band 41 Ant4 DSI5											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Middle Ch. / Freq.	Power High High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2540.5	2593	2636.5	2680			
20	QPSK	1	0	20.05	20.16	20.66	20.17	20.26	21.5	0	
20	QPSK	50	0	20.10	20.21	20.43	20.17	20.20	21.5	0	
20	QPSK	100	0	20.21	20.17	20.45	20.14	20.18	21.5	0	

Band 5 Ant4 DSI5									
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)				220	220.5	221			
10	QPSK	1	0	21.94	22.06	21.92	23.5	0	
10	QPSK	25	0	21.86	21.97	21.91	23.5	0	
10	QPSK	50	0	21.84	21.93	21.87	23.5	0	

Band 66 Ant4 DSI5									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	14.13	14.32	13.97	15.5	0	
20	QPSK	50	0	14.29	14.12	14.09	15.5	0	
20	QPSK	100	0	14.16	14.19	14.11	15.5	0	

Ant 6		Full power		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.72	16.50
		6	2437	19.50	16.50
		11	2462	18.50	15.50
	802.11g 6Mbps	1	2412	17.00	16.50
		6	2437	17.00	16.50
		11	2462	16.00	16.00
802.11n HT20 MCS0	1	2412	16.50	16.50	16.50
		6	2437	16.50	16.50
		11	2462	15.00	15.00

Ant 6		Full power		Hotspot Standalone		Hotspot Simultaneous		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5190	15.50	15.00	15.00	13.50	12.00	12.00	9.00	96.09
		40	5200	no require	15.50	15.00	13.50	12.00	12.00	9.00	
		44	5220	13.51	15.00	13.04	15.00	13.50	12.00	9.00	
	802.11n HT20 MCS0	48	5240	15.50	15.00	15.00	13.50	12.00	12.00	9.00	97.95
		36	5190	15.50	15.00	15.00	13.50	12.00	12.00	9.00	
		40	5200	15.50	15.00	15.00	13.50	12.00	12.00	9.00	
	802.11n HT40 MCS0	44	5220	15.50	15.00	15.00	13.50	12.00	12.00	9.00	94.90
		48	5240	15.50	15.00	15.00	13.50	12.00	12.00	9.00	
		38	5190	14.50	14.50	13.50	13.50	12.00	12.00	9.00	
	802.11ac VHT20 MCS0	46	5230	14.50	14.50	13.50	13.50	12.00	12.00	9.00	96.47
		36	5190	15.50	15.00	15.00	13.50	12.00	12.00	9.00	
		44	5220	15.50	15.00	15.00	13.50	12.00	12.00	9.00	
802.11ac VHT40 MCS0	38	5190	14.50	14.50	13.50	13.50	12.00	12.00	12.00	9.00	93.88
		46	5230	14.50	14.50	13.50	13.50	12.00	12.00	9.00	
		42	5210	11.68	13.50	13.50	11.67	10.18	12.00	7.19	
	42	5210	11.68	13.50	13.50	11.67	10.18	12.00	7.19	9.00	92.34
		42	5210	11.68	13.50	13.50	11.67	10.18	12.00	7.19	
		42	5210	11.68	13.50	13.50	11.67	10.18	12.00	7.19	

Ant 6		Full power		Head Standalone		Head Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	15.50	12.00	9.00	96.09	
		56	5280	no require	15.50	12.00		
		60	5300	15.50	12.00	9.00		
	802.11n HT20 MCS0	64	5320	13.58	15.00	12.00	9.00	97.95
		52	5260	15.50	12.00	9.00		
		56	5280	15.50	12.00	9.00		
	802.11n HT40 MCS0	60	5300	15.50	12.00	9.00	94.90	
		64	5320	15.50	12.00	9.00		
		54	5270	14.50	12.00	9.00		
	802.11ac VHT20 MCS0	62	5310	14.50	12.00	9.00	96.47	
		52	5260	15.50	12.00	9.00		
		56	5280	15.50	12.00	9.00		
802.11ac VHT40 MCS0	60	5300	15.50	12.00	9.00	93.88		
	64	5320	15.50	12.00	9.00			
	54	5270	14.50	12.00	9.00			
802.11ac VHT80 MCS0	62	5310	14.50	12.00	9.00	92.34		
	58	5290	11.68	13.50	10.17			
	58	5290	11.68	13.50	10.17			

Ant 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5600	13.50	15.50	13.00	10.00
		116	5680	15.50	15.00	13.00	10.00
		124	5620	15.50	15.00	13.00	10.00
	802.11n HT20 MCS0	132	5660	12.50	13.00	10.00	96.09
		140	5700	14.50	13.00	10.00	97.95
		100	5600	15.50	13.00	10.00	94.90
	802.11n HT40 MCS0	116	5680	15.50	13.00	10.00	96.47
		124	5620	15.50	13.00	10.00	93.88
		132	5660	15.50	13.00	10.00	92.34
	802.11ac VHT20 MCS0	140	5700	14.50	13.00	10.00	96.47
		132	5660	15.50	13.00	10.00	93.88
		140	5700	14.50	13.00	10.00	92.34
802.11ac VHT40 MCS0	110	5590	14.50	13.00	13.00	10.00	96.47
		126	5630	14.50	13.00	10.00	93.88
		134	5670	14.50	13.00	10.00	92.34
	106	5530	11.57	13.50	11.17	8.19	96.47
		122	5610	13.50	13.00	10.00	93.88
		122	5610	13.50	13.00	10.00	92.34

Ant 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.50	12.50	9.00	96.09
		157	5785	no require	15.50	12.50	
		165	5825	13.50	15.50	12.50	
	802.11n HT20 MCS0	149	5745	15.50	12.50	9.00	97.95
		157	5785	15.50	12.50	9.00	
		165	5825	15.50	12.50	9.00	
	802.11n HT40 MCS0	151	5755	14.50	14.50	12.50	94.90
		159	5795	14.50	14.50	12.50	
		149	5745	15.50	12.50	9.00	
	802.11ac VHT20 MCS0	157	5785	15.50	12.50	9.00	96.47
		165	5825	15.50	12.50	9.00	
		151	5755	14.50	12.50	9.00	
802.11ac VHT40 MCS0	159	5795	14.50	12.50	12.50	9.00	93.88
		155	5775	11.60	13.50	10.63	

<Bluetooth>			Ant1			
Mode	Channel	Frequency (MHz)	Average power (dbm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402				10.50
	CH 39	2441	8.76	6.07	6.05	10.50
	CH 76	2480	no require			10.50

<BT LE>			Ant1		
Mode	Channel	Frequency (MHz)	Average power (dbm)		
			GFSK		
LE	CH 00	2402	4.25		
	CH 19	2440	4.08		
	CH 39	2480	4.03		
Tune-up Limit			6.00		