

Full&Default&ECI4 Power Mode

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	
GPRS 4 Tx slots		28.17	28.26	28.23	29.00	28.17	28.26	28.23	26.00

GSM1900 Ant 0		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	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots		24.32	24.35	24.23	25.00	21.32	21.35	21.23	22.00

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9838		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	21.55	21.64	21.52	23.00	21.40	21.46	21.42	23.00	24.28	24.30	24.25	25.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.71	22.75	22.68	24	0

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.39	22.43	22.36	24	0

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		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.88	22.98	22.96	24	0

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.67	24.03	23.95	25	0

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	23.01	23.04	23.00	24	0

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.91	24.00	23.98	25	0

Band 41 Ant 0

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)				2406	2540.5	2593	2636.5	2690		
20	QPSK	1	0	24.29	24.34	24.35	24.32	23.98	25	0

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.37	22.46	22.40	24	0

Band 26 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				26765	26885	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.91	23.00	22.94	24	0

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.00	23.02	22.98	24	0

Band 41 HPUE Ant 0

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	2540.5	2593	2636.5	2690		
20	QPSK	1	0	26.72	26.78	26.80	26.74	26.48	28	0

GSM850 Ant 1		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPSS 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1			Tune-up Limit	WCDMA IV Ant 1			Tune-up Limit	WCDMA V Ant 1			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9562	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	21.31	21.47	21.36	23.00	21.35	21.42	21.36	23.00	24.12	24.24	24.22	25.00

Band 2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100	24	0	
Frequency (MHz)				1850	1880	1900			
20	QPSK	1	0	22.58	22.66	22.62	24	0	

Band 4 Ant 1									
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	24	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	22.30	22.40	22.37	24	0	

Band 5 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	24	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.63	22.70	22.68	24	0	

Band 7 Ant 1									
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	24	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.52	22.71	22.58	24	0	

Band 12 Ant 1									
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	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.65	22.70	22.59	24	0	

Band 38 Ant 1									
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	25	0	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	22.65	22.78	22.70	25	0	

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 Frequency (MHz)				39750	40185	40620	41055	41490	25	0
				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.12	23.10	23.25	23.20	23.12	25	0

Band 66 Ant 1									
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	24	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.31	22.47	22.44	24	0	

Band 26 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.63	22.72	22.69	24	0	

Band 17 Ant 1									
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				23780	23790	23800	24	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.61	22.64	22.56	24	0	

Band 41 HPUE 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	27	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	25.62	25.59	25.75	25.67	25.59	27	0	

GSM1900 Ant 2		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 4 Tx slots		23.18	23.26	23.15	20.00	22.18	22.26	22.15	23.00

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	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 Rel 99	RMIC 12.2kbps	23.23	23.46	23.28	24.00	23.36	23.44	23.38	24.00

Band 2 Ant 2

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	22.82	22.69	22.63	24	0

Band 4 Ant 2

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	22.72	22.90	22.88	24	0

Band 7 Ant 2

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	23.40	23.51	23.37	25	0

Band 38 Ant 2

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	23.80	23.98	23.85	25	0

Band 41 Ant 2

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	23.94	23.91	24.03	24.00	23.90	25	0

Band 66 Ant 2

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	22.73	22.98	22.96	24	0

Band 41 HPUE Ant 2

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	26.41	26.42	26.50	26.49	26.37	28	0

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	20.82	20.95	20.85	22.00	21.15	21.17	21.12	22.00

0.00

Band 2 Ant 3

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)				1850	1880	1900		
20	QPSK	1	0	22.75	22.79	22.75	24	0

Band 4 Ant 3

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	22.23	22.36	22.32	24	0

Band 7 Ant 3

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	23.64	23.81	23.75	25	0

Band 38 Ant 3

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)				2550	2595	2610		
20	QPSK	1	0	22.76	22.80	22.78	24	0

Band 41 Ant 3

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	23.30	23.31	23.37	23.32	23.17	24	0

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.29	22.40	22.32	24	0

Band 41 HPUE Ant 3

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	25.76	25.78	25.82	25.80	25.62	27	0

Band 42 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				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.48	23.51	23.49	24	0	
20	QPSK	1	49	23.42	23.49	23.44			
20	QPSK	1	99	23.43	23.40	23.47			
20	QPSK	50	0	22.45	22.53	22.50	23	1	
20	QPSK	50	24	22.42	22.47	22.46			
20	QPSK	50	50	22.48	22.40	22.41			
20	QPSK	100	0	22.48	22.50	22.46	23	1	
20	16QAM	1	0	22.32	22.48	22.43			
20	16QAM	1	49	22.37	22.45	22.36			
20	16QAM	1	99	22.34	22.27	22.39	22	2	
20	16QAM	50	0	21.45	21.55	21.44			
20	16QAM	50	24	21.39	21.47	21.52			
20	16QAM	50	50	21.44	21.34	21.40	22	2	
20	16QAM	100	0	21.49	21.50	21.45			
20	64QAM	1	0	21.35	21.53	21.43			
20	64QAM	1	49	21.39	21.49	21.33	21	3	
20	64QAM	1	99	21.36	21.21	21.35			
20	64QAM	50	0	20.50	20.49	20.52			
20	64QAM	50	24	20.42	20.53	20.48	19	5	
20	64QAM	50	50	20.49	20.42	20.42			
20	64QAM	100	0	20.49	20.52	20.46			
20	256QAM	1	0	18.46	18.58	18.53	19	5	
20	256QAM	1	49	18.47	18.45	18.41			
20	256QAM	1	99	18.51	18.44	18.40			
20	256QAM	50	0	18.49	18.49	18.48	19	5	
20	256QAM	50	24	18.38	18.51	18.48			
20	256QAM	50	50	18.35	18.51	18.32			
20	256QAM	100	0	18.39	18.27	18.42			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.41	23.46	23.40	24	0	
15	QPSK	1	37	23.28	23.36	23.40			
15	QPSK	1	74	23.37	23.27	23.45			
15	QPSK	36	0	22.42	22.39	22.42	23	1	
15	QPSK	36	20	22.31	22.44	22.40			
15	QPSK	36	39	22.40	22.31	22.34			
15	QPSK	75	0	22.38	22.40	22.40	23	1	
15	16QAM	1	0	22.22	22.35	22.36			
15	16QAM	1	37	22.27	22.35	22.26			
15	16QAM	1	74	22.28	22.17	22.30	22	2	
15	16QAM	36	0	21.34	21.53	21.38			
15	16QAM	36	20	21.32	21.37	21.46			
15	16QAM	36	39	21.31	21.23	21.35	22	2	
15	16QAM	75	0	21.41	21.46	21.34			
15	64QAM	1	0	21.31	21.46	21.29			
15	64QAM	1	37	21.35	21.38	21.24	21	3	
15	64QAM	1	74	21.34	21.17	21.26			
15	64QAM	36	0	20.44	20.47	20.44			
15	64QAM	36	20	20.38	20.45	20.40	19	5	
15	64QAM	36	39	20.44	20.38	20.30			
15	64QAM	75	0	20.36	20.45	20.40			
15	256QAM	1	0	18.43	18.52	18.44	19	5	
15	256QAM	1	37	18.42	18.38	18.32			
15	256QAM	1	74	18.48	18.37	18.37			
15	256QAM	36	0	18.37	18.42	18.44	19	5	
15	256QAM	36	20	18.34	18.46	18.39			
15	256QAM	36	39	18.23	18.48	18.29			
15	256QAM	75	0	18.30	18.15	18.33			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.43	23.39	23.37	24	0	
10	QPSK	1	25	23.38	23.47	23.38			
10	QPSK	1	49	23.36	23.28	23.44			
10	QPSK	25	0	22.40	22.46	22.42	23	1	
10	QPSK	25	12	22.31	22.35	22.43			
10	QPSK	25	25	22.46	22.37	22.38			
10	QPSK	50	0	22.39	22.36	22.34	23	1	
10	16QAM	1	0	22.20	22.41	22.36			
10	16QAM	1	25	22.34	22.41	22.27			
10	16QAM	1	49	22.25	22.23	22.29	22	2	
10	16QAM	25	0	21.38	21.42	21.34			
10	16QAM	25	12	21.31	21.45	21.42			
10	16QAM	25	25	21.34	21.26	21.34	22	2	
10	16QAM	50	0	21.41	21.41	21.40			
10	64QAM	1	0	21.23	21.49	21.41			
10	64QAM	1	25	21.33	21.39	21.19	21	3	
10	64QAM	1	49	21.24	21.12	21.22			
10	64QAM	25	0	20.44	20.47	20.42			
10	64QAM	25	12	20.36	20.48	20.45	19	5	
10	64QAM	25	25	20.38	20.36	20.33			
10	64QAM	50	0	20.46	20.44	20.42			
10	256QAM	1	0	18.40	18.48	18.45	19	5	
10	256QAM	1	25	18.38	18.42	18.31			
10	256QAM	1	49	18.42	18.42	18.30			
10	256QAM	25	0	18.46	18.36	18.36	19	5	
10	256QAM	25	12	18.28	18.39	18.36			
10	256QAM	25	25	18.28	18.47	18.28			
10	256QAM	50	0	18.25	18.23	18.30			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.40	23.48	23.36	24	0	
5	QPSK	1	12	23.33	23.35	23.34			
5	QPSK	1	24	23.35	23.37	23.41			
5	QPSK	12	0	22.39	22.48	22.43	23	1	
5	QPSK	12	7	22.34	22.34	22.38			
5	QPSK	12	13	22.43	22.30	22.34			
5	QPSK	25	0	22.45	22.42	22.44	23	1	
5	16QAM	1	0	22.19	22.44	22.32			
5	16QAM	1	12	22.25	22.37	22.25			
5	16QAM	1	24	22.32	22.25	22.34	22	2	
5	16QAM	12	0	21.39	21.52	21.32			
5	16QAM	12	7	21.32	21.41	21.45			
5	16QAM	12	13	21.38	21.27	21.31	22	2	
5	16QAM	25	0	21.44	21.43	21.32			
5	64QAM	1	0	21.29	21.43	21.41			
5	64QAM	1	12	21.32	21.36	21.23	21	3	
5	64QAM	1	24	21.26	21.12	21.23			
5	64QAM	12	0	20.45	20.40	20.43			
5	64QAM	12	7	20.33	20.50	20.41	19	5	
5	64QAM	12	13	20.42	20.38	20.38			
5	64QAM	25	0	20.45	20.45	20.42			
5	256QAM	1	0	18.38	18.53	18.43	19	5	
5	256QAM	1	12	18.35	18.36	18.34			
5	256QAM	1	24	18.39	18.41	18.29			
5	256QAM	12	0	18.44	18.43	18.40	19	5	
5	256QAM	12	7	18.29	18.39	18.39			
5	256QAM	12	13	18.25	18.38	18.20			
5	256QAM	25	0	18.34	18.22	18.36			

Band 42 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	21.86	21.94	21.92	23	0	
20	QPSK	1	49	21.79	21.91	21.80			
20	QPSK	1	99	21.83	21.88	21.78			
20	QPSK	50	0	20.83	20.93	20.91	22	1	
20	QPSK	50	24	20.79	20.89	20.86			
20	QPSK	50	50	20.87	20.85	20.77			
20	QPSK	100	0	20.89	20.92	20.90	22	1	
20	16QAM	1	0	20.72	20.87	20.85			
20	16QAM	1	49	20.66	20.82	20.76			
20	16QAM	1	99	20.82	20.78	20.73	21	2	
20	16QAM	50	0	19.84	19.95	19.88			
20	16QAM	50	24	19.82	19.94	19.87			
20	16QAM	50	50	19.84	19.84	19.73	21	2	
20	16QAM	100	0	19.91	19.88	19.97			
20	64QAM	1	0	19.78	19.83	19.80			
20	64QAM	1	49	19.70	19.80	19.73	21	2	
20	64QAM	1	99	19.83	19.81	19.74			
20	64QAM	50	0	18.79	18.91	18.99			
20	64QAM	50	24	18.75	18.89	18.87	20	3	
20	64QAM	50	50	18.89	18.80	18.76			
20	64QAM	100	0	18.84	18.83	18.98			
20	256QAM	1	0	16.82	16.95	16.98	18	5	
20	256QAM	1	49	16.76	16.92	16.88			
20	256QAM	1	99	16.84	16.90	16.75			
20	256QAM	50	0	16.92	16.91	16.89	18	5	
20	256QAM	50	24	16.73	16.91	16.81			
20	256QAM	50	50	16.72	16.84	16.72			
20	256QAM	100	0	16.83	16.73	16.76			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.77	21.86	21.79	23	0	
15	QPSK	1	37	21.66	21.81	21.74			
15	QPSK	1	74	21.71	21.74	21.72			
15	QPSK	36	0	20.78	20.78	20.90	22	1	
15	QPSK	36	20	20.70	20.76	20.82			
15	QPSK	36	39	20.78	20.75	20.65			
15	QPSK	75	0	20.76	20.77	20.86	22	1	
15	16QAM	1	0	20.59	20.77	20.78			
15	16QAM	1	37	20.82	20.71	20.89			
15	16QAM	1	74	20.73	20.70	20.62	21	2	
15	16QAM	36	0	19.72	19.92	19.82			
15	16QAM	36	20	19.74	19.83	19.83			
15	16QAM	36	39	19.70	19.76	19.62	21	2	
15	16QAM	75	0	19.83	19.85	19.89			
15	64QAM	1	0	19.71	19.77	19.68			
15	64QAM	1	37	19.59	19.68	19.63	21	2	
15	64QAM	1	74	19.72	19.68	19.64			
15	64QAM	36	0	18.75	18.79	18.89			
15	64QAM	36	20	18.61	18.78	18.84	20	3	
15	64QAM	36	39	18.82	18.69	18.64			
15	64QAM	75	0	18.76	18.72	18.94			
15	256QAM	1	0	16.70	16.86	16.96	18	5	
15	256QAM	1	37	16.73	16.87	16.85			
15	256QAM	1	74	16.75	16.77	16.86			
15	256QAM	36	0	16.90	16.86	16.87	18	5	
15	256QAM	36	20	16.67	16.94	16.76			
15	256QAM	36	39	16.66	16.71	16.60			
15	256QAM	75	0	16.69	16.66	16.69			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.77	21.92	21.86	23	0	
10	QPSK	1	25	21.72	21.86	21.68			
10	QPSK	1	49	21.74	21.76	21.69			
10	QPSK	25	0	20.74	20.80	20.80	22	1	
10	QPSK	25	12	20.73	20.81	20.74			
10	QPSK	25	25	20.78	20.82	20.71			
10	QPSK	50	0	20.81	20.82	20.82	22	1	
10	16QAM	1	0	20.68	20.81	20.77			
10	16QAM	1	25	20.64	20.76	20.67			
10	16QAM	1	49	20.75	20.67	20.70	21	2	
10	16QAM	25	0	19.78	19.93	19.74			
10	16QAM	25	12	19.74	19.85	19.80			
10	16QAM	25	25	19.80	19.70	19.70	21	2	
10	16QAM	50	0	19.84	19.78	19.94			
10	64QAM	1	0	19.68	19.76	19.74			
10	64QAM	1	25	19.66	19.68	19.61	21	2	
10	64QAM	1	49	19.76	19.77	19.70			
10	64QAM	25	0	18.70	18.77	18.87			
10	64QAM	25	12	18.67	18.78	18.77	20	3	
10	64QAM	25	25	18.78	18.71	18.74			
10	64QAM	50	0	18.76	18.71	18.86			
10	256QAM	1	0	16.75	16.88	16.90	18	5	
10	256QAM	1	25	16.70	16.79	16.84			
10	256QAM	1	49	16.70	16.81	16.70			
10	256QAM	25	0	16.83	16.79	16.84	18	5	
10	256QAM	25	12	16.64	16.85	16.73			
10	256QAM	25	25	16.61	16.78	16.61			
10	256QAM	50	0	16.69	16.64	16.72			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.82	21.85	21.87	23	0	
5	QPSK	1	12	21.69	21.86	21.74			
5	QPSK	1	24	21.72	21.77	21.69			
5	QPSK	12	0	20.71	20.89	20.84	22	1	
5	QPSK	12	7	20.74	20.82	20.79			
5	QPSK	12	13	20.82	20.80	20.65			
5	QPSK	25	0	20.79	20.78	20.86	22	1	
5	16QAM	1	0	20.65	20.74	20.83			
5	16QAM	1	12	20.58	20.71	20.70			
5	16QAM	1	24	20.80	20.72	20.69	21	2	
5	16QAM	12	0	19.74	19.90	19.79			
5	16QAM	12	7	19.73	19.86	19.75			
5	16QAM	12	13	19.73	19.71	19.82	21	2	
5	16QAM	25	0	19.82	19.78	19.94			
5	64QAM	1	0	19.72	19.76	19.76			
5	64QAM	1	12	19.66	19.74	19.64	21	2	
5	64QAM	1	24	19.75	19.79	19.67			
5	64QAM	12	0	18.65	18.81	18.92			
5	64QAM	12	7	18.71	18.77	18.77	20	3	
5	64QAM	12	13	18.86	18.67	18.64			
5	64QAM	25	0	18.80	18.75	18.90			
5	256QAM	1	0	16.74	16.89	16.89	18	5	
5	256QAM	1	12	16.73	16.82	16.81			
5	256QAM	1	24	16.79	16.80	16.64			
5	256QAM	12	0	16.89	16.84	16.82	18	5	
5	256QAM	12	7	16.62	16.78	16.74			
5	256QAM	12	13	16.64	16.74	16.68			
5	256QAM	25	0	16.77	16.65	16.72			

Band 42 Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.95	24.06	23.87	25	0	
20	QPSK	1	49	23.86	24.01	23.77			
20	QPSK	1	99	23.84	23.95	23.78			
20	QPSK	50	0	23.01	23.08	22.82	24	1	
20	QPSK	50	24	22.89	23.04	22.80			
20	QPSK	50	50	22.90	22.96	22.73			
20	QPSK	100	0	22.86	23.03	22.91	24	1	
20	16QAM	1	0	22.87	22.95	22.74			
20	16QAM	1	49	22.87	22.96	22.74			
20	16QAM	1	99	22.79	22.93	22.70	23	2	
20	16QAM	50	0	21.97	22.04	21.81			
20	16QAM	50	24	21.87	22.03	21.74			
20	16QAM	50	50	21.86	22.00	21.76	23	2	
20	16QAM	100	0	22.01	22.06	21.87			
20	64QAM	1	0	21.92	21.92	21.71			
20	64QAM	1	49	21.88	21.97	21.73	23	2	
20	64QAM	1	99	21.81	21.96	21.74			
20	64QAM	50	0	20.99	21.10	20.81			
20	64QAM	50	24	20.92	21.06	20.81	22	3	
20	64QAM	50	50	20.94	20.96	20.75			
20	64QAM	100	0	20.98	21.04	20.86			
20	256QAM	1	0	19.04	19.06	18.84	20	5	
20	256QAM	1	49	18.95	19.09	18.84			
20	256QAM	1	99	18.88	18.92	18.70			
20	256QAM	50	0	18.97	19.04	18.91	20	5	
20	256QAM	50	24	18.88	18.89	18.76			
20	256QAM	50	50	18.82	19.02	18.79			
20	256QAM	100	0	18.76	18.94	18.67			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.89	24.03	23.78	25	0	
15	QPSK	1	37	23.79	23.88	23.66			
15	QPSK	1	74	23.81	23.91	23.73			
15	QPSK	36	0	22.88	23.04	22.75	24	1	
15	QPSK	36	20	22.77	23.01	22.75			
15	QPSK	36	39	22.86	22.93	22.68			
15	QPSK	75	0	22.88	22.98	22.85	24	1	
15	16QAM	1	0	22.73	22.81	22.67			
15	16QAM	1	37	22.77	22.93	22.71			
15	16QAM	1	74	22.69	22.86	22.62	23	2	
15	16QAM	36	0	21.90	21.91	21.71			
15	16QAM	36	20	21.75	21.89	21.60			
15	16QAM	36	39	21.83	21.93	21.67	23	2	
15	16QAM	75	0	21.90	21.93	21.82			
15	64QAM	1	0	21.81	21.84	21.58			
15	64QAM	1	37	21.79	21.94	21.62	23	2	
15	64QAM	1	74	21.77	21.88	21.67			
15	64QAM	36	0	20.90	21.00	20.71			
15	64QAM	36	20	20.81	20.96	20.72	22	3	
15	64QAM	36	39	20.92	20.88	20.63			
15	64QAM	75	0	20.91	20.91	20.78			
15	256QAM	1	0	18.99	18.95	18.78	20	5	
15	256QAM	1	37	18.81	19.06	18.71			
15	256QAM	1	74	18.84	18.80	18.59			
15	256QAM	36	0	18.83	18.98	18.85	20	5	
15	256QAM	36	20	18.79	18.83	18.70			
15	256QAM	36	39	18.77	18.92	18.68			
15	256QAM	75	0	18.68	18.89	18.58			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.91	24.03	23.81	25	0	
10	QPSK	1	25	23.74	23.98	23.75			
10	QPSK	1	49	23.72	23.85	23.73			
10	QPSK	25	0	22.94	23.03	22.78	24	1	
10	QPSK	25	12	22.75	22.96	22.69			
10	QPSK	25	25	22.82	22.94	22.61			
10	QPSK	50	0	22.90	22.95	22.86	24	1	
10	16QAM	1	0	22.73	22.92	22.63			
10	16QAM	1	25	22.80	22.86	22.60			
10	16QAM	1	49	22.74	22.84	22.60	23	2	
10	16QAM	25	0	21.85	21.98	21.74			
10	16QAM	25	12	21.83	21.96	21.71			
10	16QAM	25	25	21.82	21.88	21.67	23	2	
10	16QAM	50	0	21.94	22.00	21.73			
10	64QAM	1	0	21.88	21.80	21.62			
10	64QAM	1	25	21.75	21.87	21.67	22	3	
10	64QAM	1	49	21.69	21.85	21.61			
10	64QAM	25	0	20.85	20.96	20.74			
10	64QAM	25	12	20.88	20.99	20.73	22	3	
10	64QAM	25	25	20.87	20.94	20.64			
10	64QAM	50	0	20.95	20.94	20.79			
10	256QAM	1	0	18.90	19.03	18.80	20	5	
10	256QAM	1	25	18.84	19.02	18.72			
10	256QAM	1	49	18.76	18.81	18.65			
10	256QAM	25	0	18.86	18.99	18.85	20	5	
10	256QAM	25	12	18.83	18.79	18.66			
10	256QAM	25	25	18.74	18.98	18.69			
10	256QAM	50	0	18.66	18.82	18.61			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.88	24.00	23.81	25	0	
5	QPSK	1	12	23.79	23.93	23.71			
5	QPSK	1	24	23.76	23.83	23.74			
5	QPSK	12	0	22.98	22.94	22.73	24	1	
5	QPSK	12	7	22.79	22.94	22.70			
5	QPSK	12	13	22.82	22.90	22.62			
5	QPSK	25	0	22.91	23.00	22.84	24	1	
5	16QAM	1	0	22.75	22.85	22.62			
5	16QAM	1	12	22.80	22.92	22.68			
5	16QAM	1	24	22.76	22.89	22.61	23	2	
5	16QAM	12	0	21.88	21.94	21.79			
5	16QAM	12	7	21.76	21.93	21.58			
5	16QAM	12	13	21.73	21.96	21.70	23	2	
5	16QAM	25	0	21.88	21.99	21.75			
5	64QAM	1	0	21.87	21.79	21.62			
5	64QAM	1	12	21.75	21.89	21.65	22	3	
5	64QAM	1	24	21.68	21.84	21.65			
5	64QAM	12	0	20.91	21.03	20.68			
5	64QAM	12	7	20.81	21.03	20.72	22	3	
5	64QAM	12	13	20.80	20.84	20.62			
5	64QAM	25	0	20.91	20.94	20.80			
5	256QAM	1	0	18.92	19.02	18.74	20	5	
5	256QAM	1	12	18.89	19.07	18.74			
5	256QAM	1	24	18.84	18.88	18.57			
5	256QAM	12	0	18.91	18.98	18.86	20	5	
5	256QAM	12	7	18.84	18.85	18.67			
5	256QAM	12	13	18.78	18.89	18.73			
5	256QAM	25	0	18.71	18.91	18.58			

Reduced Power Mode for ECI 2

GSM850 Ant 0 ECI 2				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				128	189	251		128	189	251		128	189	251		128	189	251	
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots				28.17	28.26	28.23		29.00	25.17	25.26		25.23	25.23	25.23		25.00	25.00	25.00	

GSM1900 Ant 0 ECI 2				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				512	661	810		512	661	810		512	661	810		512	661	810	
Frequency (MHz)				1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots				24.32	24.35	24.23		25.00	21.32	21.35		21.23	21.35	21.23		22.00	22.00	22.00	

Band			WCDMA II Ant 0 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 2			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 2			Tune-up Limit (dBm)
TX Channel			9262	9400	9538		1312 1413 1513				4132	4182	4233	
Rx Channel			9662	9800	9938		1537 1638 1738				4357	4407	4458	
Frequency (MHz)			1852.4	1880	1907.6		1712.4 1732.6 1752.6				826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps		21.55	21.64	21.52	23.00	21.40	21.46	21.42	23.00	24.28	24.30	24.25	25.00

Band 2 Ant 0 ECI 2									
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	22.71	22.75	22.68	24	0	

Band 4 Ant 0 ECI 2									
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	22.39	22.43	22.36	24	0	

Band 5 Ant 0 ECI 2									
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	22.88	22.98	22.96	24	0	

Band 7 Ant 0 ECI 2									
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	23.67	24.03	23.95	25	0	

Band 12 Ant 0 ECI 2									
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	23.01	23.04	23.00	24	0	

Band 38 Ant 0 ECI 2									
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	23.91	24.00	23.98	25	0	

Band 41 Ant 0 ECI 2										
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	24.29	24.34	24.35	24.32	23.98	25	0

Band 66 Ant 0 ECI 2									
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	22.37	22.46	22.40	24	0	

Band 26 Ant 0 ECI 2									
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	22.91	23.00	22.94	24	0	

Band 17 Ant 0 ECI 2									
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				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.00	23.02	22.98	24	0	

Band 41 HPUE Ant 0 ECI 2										
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	26.72	26.78	26.80	26.74	26.48	28	0

GSM850 Ant 1 ECI 2		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI 2			Tune-up Limit	WCDMA IV Ant 1 ECI 2			Tune-up Limit	WCDMA V Ant 1 ECI 2			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9562	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps		21.51	21.47	21.56	23.00	21.35	21.42	21.56	23.00	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 2

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)				1850	1880	1900		
20	QPSK	1	0	22.58	22.66	22.62	24	0

Band 4 Ant 1 ECI 2

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	22.30	22.40	22.37	24	0

Band 5 Ant 1 ECI 2

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	22.63	22.70	22.68	24	0

Band 7 Ant 1 ECI 2

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	22.52	22.71	22.58	24	0

Band 12 Ant 1 ECI 2

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	22.65	22.70	22.59	24	0

Band 38 Ant 1 ECI 2

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)				2590	2595	2610		
20	QPSK	1	0	22.65	22.78	22.70	25	0

Band 41 Ant 1 ECI 2

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				38750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.12	23.10	23.25	23.20	23.12	25	0

Band 66 Ant 1 ECI 2

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	22.31	22.47	22.44	24	0

Band 26 Ant 1 ECI 2

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				26785	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69	24	0

Band 17 Ant 1 ECI 2

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56	24	0

Band 41 HPUE Ant 1 ECI 2

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				38750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.62	25.59	25.75	25.67	25.59	27	0

GSM1900 Ant 2 ECI 2		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 4 Tx slots		17.68	17.72	17.66	19.00	14.68	14.72	14.66	16.00

Band		WCDMA II Ant 2 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 2			Tune-up Limit (dBm)
Channel		9262	9400	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 Rel 99	RMC 12.2Kbps	14.48	14.51	14.45	15.90	15.52	15.56	15.50	16.60

Band 2 Ant 2 ECI 2

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	10.68	10.72	10.66	12.1	0

Band 4 Ant 2 ECI 2

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	12.36	12.38	12.32	13.5	0

Band 7 Ant 2 ECI 2

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	14.25	14.50	14.28	15.4	0

Band 38 Ant 2 ECI 2

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	14.65	14.72	14.68	15.5	0

Band 41 Ant 2 ECI 2

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	14.72	14.74	14.60	14.77	14.75	15.5	0

Band 66 Ant 2 ECI 2

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	12.40	12.44	12.38	13.5	0

Band 41 HPUE Ant 2 ECI 2

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	15.83	15.85	15.90	15.86	15.88	17.1	0

Band		WCDMA II Ant 3 ECI 2			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1557	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.4	
3GPP Rel 99	RMC 12.2Kbps	14.96	14.99	14.92	16.10	15.55	15.60	15.58	16.70

0.00

Band 2 Ant 3 ECI 2

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)				1850	1880	1900		
20	QPSK	1	0	13.33	15.36	15.32	16.7	0

Band 4 Ant 3 ECI 2

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	14.19	14.22	14.18	15.5	0

Band 7 Ant 3 ECI 2

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	15.28	15.30	15.25	16.3	0

Band 38 Ant 3 ECI 2

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)				2550	2595	2610		
20	QPSK	1	0	17.95	18.02	17.98	18.7	0

Band 41 Ant 3 ECI 2

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	18.08	18.05	18.12	18.10	18.09	18.7	0

Band 66 Ant 3 ECI 2

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	14.23	14.30	14.26	15.5	0

Band 41 HPUE Ant 3 ECI 2

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	19.30	19.29	19.35	19.33	19.28	20.3	0

Band 42 Ant 4 ECI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	15.60	15.62	15.58	16.9	0	
20	QPSK	1	49	15.51	15.56	15.49			
20	QPSK	1	99	15.49	15.52	15.47			
20	QPSK	50	0	15.49	15.55	15.48	16.9	0	
20	QPSK	50	24	15.50	15.53	15.53			
20	QPSK	50	50	15.50	15.49	15.46			
20	QPSK	100	0	15.50	15.50	15.48	16.9	0	
20	16QAM	1	0	15.53	15.49	15.47			
20	16QAM	1	49	15.48	15.44	15.45			
20	16QAM	1	99	15.41	15.42	15.34	16.9	0	
20	16QAM	50	0	15.37	15.46	15.40			
20	16QAM	50	24	15.39	15.49	15.41			
20	16QAM	50	50	15.43	15.36	15.43	16.9	0	
20	16QAM	100	0	15.38	15.46	15.43			
20	64QAM	1	0	15.48	15.49	15.48			
20	64QAM	1	49	15.42	15.45	15.36	16.9	0	
20	64QAM	1	99	15.39	15.45	15.44			
20	64QAM	50	0	15.40	15.51	15.37			
20	64QAM	50	24	15.44	15.44	15.49	16.9	0	
20	64QAM	50	50	15.44	15.39	15.35			
20	64QAM	100	0	15.41	15.42	15.38			
20	256QAM	1	0	15.58	15.50	15.47	16.9	0	
20	256QAM	1	49	15.40	15.43	15.45			
20	256QAM	1	99	15.41	15.38	15.38			
20	256QAM	50	0	15.40	15.46	15.39	16.9	0	
20	256QAM	50	24	15.48	15.48	15.48			
20	256QAM	50	50	15.37	15.36	15.42			
20	256QAM	100	0	15.38	15.42	15.36			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	15.48	15.50	15.46	16.9	0	
15	QPSK	1	37	15.46	15.54	15.40			
15	QPSK	1	74	15.37	15.41	15.43			
15	QPSK	36	0	15.36	15.48	15.35	16.9	0	
15	QPSK	36	20	15.41	15.48	15.51			
15	QPSK	36	39	15.40	15.41	15.42			
15	QPSK	75	0	15.46	15.44	15.44	16.9	0	
15	16QAM	1	0	15.49	15.46	15.39			
15	16QAM	1	37	15.41	15.32	15.32			
15	16QAM	1	74	15.30	15.28	15.30	16.9	0	
15	16QAM	36	0	15.34	15.43	15.36			
15	16QAM	36	20	15.36	15.41	15.38			
15	16QAM	36	39	15.40	15.25	15.37	16.9	0	
15	16QAM	75	0	15.33	15.34	15.40			
15	64QAM	1	0	15.35	15.44	15.46			
15	64QAM	1	37	15.33	15.33	15.22	16.9	0	
15	64QAM	1	74	15.27	15.36	15.38			
15	64QAM	36	0	15.29	15.38	15.30			
15	64QAM	36	20	15.41	15.41	15.36	16.9	0	
15	64QAM	36	39	15.36	15.32	15.21			
15	64QAM	75	0	15.28	15.39	15.31			
15	256QAM	1	0	15.49	15.42	15.36	16.9	0	
15	256QAM	1	37	15.34	15.41	15.40			
15	256QAM	1	74	15.39	15.32	15.35			
15	256QAM	36	0	15.35	15.33	15.28	16.9	0	
15	256QAM	36	20	15.37	15.45	15.44			
15	256QAM	36	39	15.28	15.24	15.34			
15	256QAM	75	0	15.33	15.36	15.29			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	15.50	15.51	15.45	16.9	0	
10	QPSK	1	25	15.43	15.48	15.46			
10	QPSK	1	49	15.43	15.38	15.44			
10	QPSK	25	0	15.37	15.49	15.38	16.9	0	
10	QPSK	25	12	15.40	15.45	15.43			
10	QPSK	25	25	15.39	15.39	15.35			
10	QPSK	50	0	15.48	15.39	15.35	16.9	0	
10	16QAM	1	0	15.47	15.38	15.41			
10	16QAM	1	25	15.40	15.41	15.42			
10	16QAM	1	49	15.29	15.29	15.22	16.9	0	
10	16QAM	25	0	15.25	15.43	15.29			
10	16QAM	25	12	15.29	15.42	15.34			
10	16QAM	25	25	15.31	15.27	15.29	16.9	0	
10	16QAM	50	0	15.32	15.40	15.31			
10	64QAM	1	0	15.44	15.46	15.34			
10	64QAM	1	25	15.35	15.35	15.30	16.9	0	
10	64QAM	1	49	15.33	15.38	15.40			
10	64QAM	25	0	15.30	15.45	15.25			
10	64QAM	25	12	15.33	15.32	15.44	16.9	0	
10	64QAM	25	25	15.34	15.35	15.25			
10	64QAM	50	0	15.32	15.37	15.27			
10	256QAM	1	0	15.44	15.43	15.34	16.9	0	
10	256QAM	1	25	15.27	15.41	15.36			
10	256QAM	1	49	15.33	15.31	15.29			
10	256QAM	25	0	15.33	15.34	15.28	16.9	0	
10	256QAM	25	12	15.44	15.43	15.36			
10	256QAM	25	25	15.29	15.34	15.40			
10	256QAM	50	0	15.28	15.39	15.30			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	15.57	15.58	15.53	16.9	0	
5	QPSK	1	12	15.45	15.50	15.39			
5	QPSK	1	24	15.44	15.39	15.43			
5	QPSK	12	0	15.46	15.45	15.35	16.9	0	
5	QPSK	12	7	15.39	15.43	15.43			
5	QPSK	12	13	15.37	15.39	15.36			
5	QPSK	25	0	15.42	15.44	15.46	16.9	0	
5	16QAM	1	0	15.41	15.45	15.37			
5	16QAM	1	12	15.40	15.32	15.35			
5	16QAM	1	24	15.33	15.29	15.22	16.9	0	
5	16QAM	12	0	15.26	15.40	15.38			
5	16QAM	12	7	15.25	15.39	15.29			
5	16QAM	12	13	15.33	15.33	15.32	16.9	0	
5	16QAM	25	0	15.33	15.42	15.32			
5	64QAM	1	0	15.37	15.40	15.39			
5	64QAM	1	12	15.32	15.34	15.23	16.9	0	
5	64QAM	1	24	15.31	15.32	15.31			
5	64QAM	12	0	15.35	15.38	15.33			
5	64QAM	12	7	15.38	15.37	15.46	16.9	0	
5	64QAM	12	13	15.33	15.35	15.29			
5	64QAM	25	0	15.28	15.31	15.29			
5	256QAM	1	0	15.48	15.44	15.34	16.9	0	
5	256QAM	1	12	15.34	15.34	15.41			
5	256QAM	1	24	15.34	15.25	15.34			
5	256QAM	12	0	15.31	15.36	15.36	16.9	0	
5	256QAM	12	7	15.44	15.34	15.40			
5	256QAM	12	13	15.29	15.28	15.34			
5	256QAM	25	0	15.31	15.38	15.27			

Band 42 Ant 6 ECI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	14.16	14.20	14.14	15.5	0	
20	QPSK	1	49	14.05	14.13	14.03			
20	QPSK	1	99	14.13	14.11	14.04			
20	QPSK	50	0	14.04	14.16	14.04	15.5	0	
20	QPSK	50	24	14.05	14.06	14.08			
20	QPSK	50	50	14.11	14.11	14.02			
20	QPSK	100	0	14.03	14.11	14.10	15.5	0	
20	16QAM	1	0	14.13	14.09	14.02			
20	16QAM	1	49	13.92	14.06	13.96			
20	16QAM	1	99	14.11	14.01	14.02	15.5	0	
20	16QAM	50	0	13.92	14.06	13.95			
20	16QAM	50	24	13.91	13.94	14.04			
20	16QAM	50	50	14.02	14.06	13.98	15.5	0	
20	16QAM	100	0	13.96	14.00	14.07			
20	64QAM	1	0	14.13	14.08	14.01			
20	64QAM	1	49	13.96	14.05	13.91	15.5	0	
20	64QAM	1	99	14.00	14.04	13.94			
20	64QAM	50	0	13.95	14.11	14.01			
20	64QAM	50	24	13.96	13.99	14.01	15.5	0	
20	64QAM	50	50	14.09	14.08	13.97			
20	64QAM	100	0	13.97	13.99	13.97			
20	256QAM	1	0	14.14	14.08	14.10	15.5	0	
20	256QAM	1	49	13.96	14.07	13.97			
20	256QAM	1	99	14.07	14.03	14.02			
20	256QAM	50	0	14.00	14.06	13.92	15.5	0	
20	256QAM	50	24	13.94	14.02	14.03			
20	256QAM	50	50	14.04	14.08	13.95			
20	256QAM	100	0	13.92	14.09	13.99			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.09	14.12	14.04	15.5	0	
15	QPSK	1	37	13.98	14.05	13.95			
15	QPSK	1	74	14.06	14.03	13.99			
15	QPSK	36	0	14.02	14.10	13.99	15.5	0	
15	QPSK	36	20	13.98	13.97	14.05			
15	QPSK	36	39	14.07	14.04	13.91			
15	QPSK	75	0	14.00	13.99	13.97	15.5	0	
15	16QAM	1	0	14.02	14.02	13.96			
15	16QAM	1	37	13.97	13.94	13.96			
15	16QAM	1	74	14.02	13.90	13.91	15.5	0	
15	16QAM	36	0	13.89	14.00	13.91			
15	16QAM	36	20	13.87	13.85	14.00			
15	16QAM	36	39	13.92	13.95	13.87	15.5	0	
15	16QAM	75	0	13.91	13.88	14.05			
15	64QAM	1	0	14.09	13.97	13.95			
15	64QAM	1	37	13.92	13.99	13.85	15.5	0	
15	64QAM	1	74	13.94	14.02	13.87			
15	64QAM	36	0	13.85	14.08	13.97			
15	64QAM	36	20	13.87	13.96	13.95	15.5	0	
15	64QAM	36	39	14.06	13.99	13.87			
15	64QAM	75	0	13.89	13.90	13.94			
15	256QAM	1	0	14.08	14.05	14.04	15.5	0	
15	256QAM	1	37	13.84	13.97	13.87			
15	256QAM	1	74	13.87	13.98	13.99			
15	256QAM	36	0	13.92	13.96	13.83	15.5	0	
15	256QAM	36	20	13.87	13.99	13.96			
15	256QAM	36	39	13.95	13.94	13.92			
15	256QAM	75	0	13.87	14.06	13.96			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	14.05	14.15	14.06	15.5	0	
10	QPSK	1	25	13.95	14.10	13.98			
10	QPSK	1	49	14.01	14.01	14.01			
10	QPSK	25	0	13.97	14.07	14.00	15.5	0	
10	QPSK	25	12	13.99	13.93	14.04			
10	QPSK	25	25	14.02	14.03	13.97			
10	QPSK	50	0	13.99	14.08	13.98	15.5	0	
10	16QAM	1	0	14.11	14.05	13.99			
10	16QAM	1	25	13.87	14.01	13.88			
10	16QAM	25	0	13.81	14.03	13.84	15.5	0	
10	16QAM	25	12	13.87	13.80	14.00			
10	16QAM	25	25	13.89	13.96	13.91			
10	16QAM	50	0	13.91	13.97	14.04	15.5	0	
10	64QAM	1	0	14.02	14.04	13.97			
10	64QAM	1	25	13.83	14.02	13.87			
10	64QAM	1	49	13.93	13.91	13.89	15.5	0	
10	64QAM	25	0	13.82	14.06	13.93			
10	64QAM	25	12	13.93	13.95	13.93			
10	64QAM	25	25	14.06	14.06	13.93	15.5	0	
10	64QAM	50	0	13.86	13.89	13.87			
10	256QAM	1	0	14.04	14.01	14.08			
10	256QAM	1	25	13.91	14.02	13.84	15.5	0	
10	256QAM	1	49	13.98	14.01	13.92			
10	256QAM	25	0	13.93	13.96	13.80			
10	256QAM	25	12	13.86	13.90	13.95	15.5	0	
10	256QAM	25	25	13.95	13.99	13.87			
10	256QAM	50	0	13.88	14.06	13.95			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	14.05	14.08	14.10			
5	QPSK	1	12	14.00	14.00	14.01	15.5	0	
5	QPSK	1	24	14.03	14.06	13.91			
5	QPSK	12	0	13.97	14.07	13.90	15.5	0	
5	QPSK	12	7	13.91	14.03	14.01			
5	QPSK	12	13	14.08	13.99	13.96			
5	QPSK	25	0	13.90	14.02	14.00	15.5	0	
5	16QAM	1	0	14.06	14.01	13.92			
5	16QAM	1	12	13.81	13.97	13.91			
5	16QAM	1	24	14.08	13.87	13.97	15.5	0	
5	16QAM	12	0	13.82	13.95	13.88			
5	16QAM	12	7	13.78	13.90	14.01			
5	16QAM	12	13	13.97	14.00	13.94	15.5	0	
5	16QAM	25	0	13.86	13.86	13.94			
5	64QAM	1	0	14.04	13.98	13.88			
5	64QAM	1	12	13.83	13.95	13.81	15.5	0	
5	64QAM	1	24	13.98	13.98	13.82			
5	64QAM	12	0	13.89	14.03	13.87			
5	64QAM	12	7	13.86	13.91	13.91	15.5	0	
5	64QAM	12	13	14.03	14.03	13.91			
5	64QAM	25	0	13.85	13.90	13.91			
5	256QAM	1	0	14.09	14.00	14.03	15.5	0	
5	256QAM	1	12	13.87	14.04	13.94			
5	256QAM	1	24	14.01	13.96	13.89			
5	256QAM	12	0	13.86	13.94	13.86	15.5	0	
5	256QAM	12	7	13.91	13.91	13.94			
5	256QAM	12	13	13.95	14.04	13.91			
5	256QAM	25	0	13.79	14.04	13.89			

Band 42 Ant 3 ECI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	14.52	14.56	14.50	15.8	0	
20	QPSK	1	49	14.48	14.44	14.37			
20	QPSK	1	99	14.46	14.53	14.38			
20	QPSK	50	0	14.48	14.53	14.46	15.8	0	
20	QPSK	50	24	14.39	14.48	14.36			
20	QPSK	50	50	14.44	14.50	14.36			
20	QPSK	100	0	14.46	14.49	14.47	15.8	0	
20	16QAM	1	0	14.42	14.42	14.36			
20	16QAM	1	49	14.34	14.31	14.31			
20	16QAM	1	99	14.34	14.49	14.32	15.8	0	
20	16QAM	50	0	14.34	14.49	14.34			
20	16QAM	50	24	14.35	14.39	14.33			
20	16QAM	50	50	14.41	14.39	14.31	15.8	0	
20	16QAM	100	0	14.36	14.40	14.37			
20	64QAM	1	0	14.48	14.44	14.38			
20	64QAM	1	49	14.41	14.41	14.26	15.8	0	
20	64QAM	1	99	14.40	14.40	14.25			
20	64QAM	50	0	14.42	14.44	14.36			
20	64QAM	50	24	14.35	14.38	14.25	15.8	0	
20	64QAM	50	50	14.38	14.40	14.34			
20	64QAM	100	0	14.37	14.45	14.37			
20	256QAM	1	0	14.41	14.43	14.42	15.8	0	
20	256QAM	1	49	14.43	14.37	14.24			
20	256QAM	1	99	14.35	14.48	14.30			
20	256QAM	50	0	14.35	14.44	14.41	15.8	0	
20	256QAM	50	24	14.27	14.45	14.31			
20	256QAM	50	50	14.32	14.46	14.26			
20	256QAM	100	0	14.35	14.45	14.37			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.48	14.46	14.45	15.8	0	
15	QPSK	1	37	14.38	14.33	14.32			
15	QPSK	1	74	14.42	14.43	14.30			
15	QPSK	36	0	14.40	14.43	14.41	15.8	0	
15	QPSK	36	20	14.26	14.40	14.28			
15	QPSK	36	39	14.35	14.41	14.23			
15	QPSK	75	0	14.40	14.41	14.37	15.8	0	
15	16QAM	1	0	14.30	14.32	14.27			
15	16QAM	1	37	14.30	14.25	14.23			
15	16QAM	1	74	14.29	14.41	14.30	15.8	0	
15	16QAM	36	0	14.31	14.41	14.24			
15	16QAM	36	20	14.25	14.26	14.27			
15	16QAM	36	39	14.38	14.30	14.28	15.8	0	
15	16QAM	75	0	14.29	14.32	14.27			
15	64QAM	1	0	14.44	14.34	14.36			
15	64QAM	1	37	14.29	14.29	14.14	15.8	0	
15	64QAM	1	74	14.35	14.30	14.15			
15	64QAM	36	0	14.36	14.37	14.25			
15	64QAM	36	20	14.26	14.34	14.23	15.8	0	
15	64QAM	36	39	14.25	14.35	14.23			
15	64QAM	75	0	14.33	14.36	14.35			
15	256QAM	1	0	14.31	14.35	14.34	15.8	0	
15	256QAM	1	37	14.34	14.34	14.16			
15	256QAM	1	74	14.23	14.40	14.25			
15	256QAM	36	0	14.29	14.37	14.35	15.8	0	
15	256QAM	36	20	14.14	14.33	14.19			
15	256QAM	36	39	14.22	14.44	14.19			
15	256QAM	75	0	14.24	14.39	14.33			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	14.44	14.52	14.40	15.8	0	
10	QPSK	1	25	14.36	14.33	14.35			
10	QPSK	1	49	14.37	14.51	14.31			
10	QPSK	25	0	14.35	14.48	14.33	15.8	0	
10	QPSK	25	12	14.33	14.38	14.34			
10	QPSK	25	25	14.39	14.46	14.22			
10	QPSK	50	0	14.40	14.45	14.40	15.8	0	
10	16QAM	1	0	14.39	14.32	14.33			
10	16QAM	1	25	14.23	14.29	14.24			
10	16QAM	1	49	14.27	14.47	14.21	15.8	0	
10	16QAM	25	0	14.21	14.42	14.27			
10	16QAM	25	12	14.31	14.28	14.23			
10	16QAM	25	25	14.29	14.36	14.28	15.8	0	
10	16QAM	50	0	14.26	14.28	14.33			
10	64QAM	1	0	14.42	14.33	14.28			
10	64QAM	1	25	14.39	14.39	14.17	15.8	0	
10	64QAM	1	49	14.29	14.32	14.18			
10	64QAM	25	0	14.30	14.40	14.24			
10	64QAM	25	12	14.22	14.32	14.16	15.8	0	
10	64QAM	25	25	14.33	14.38	14.21			
10	64QAM	50	0	14.30	14.42	14.24			
10	256QAM	1	0	14.27	14.30	14.31	15.8	0	
10	256QAM	1	25	14.37	14.25	14.18			
10	256QAM	1	49	14.28	14.41	14.19			
10	256QAM	25	0	14.31	14.33	14.33	15.8	0	
10	256QAM	25	12	14.13	14.34	14.23			
10	256QAM	25	25	14.21	14.42	14.21			
10	256QAM	50	0	14.27	14.42	14.33			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	14.42	14.53	14.48	15.8	0	
5	QPSK	1	12	14.39	14.38	14.25			
5	QPSK	1	24	14.43	14.45	14.31			
5	QPSK	12	0	14.35	14.46	14.39	15.8	0	
5	QPSK	12	7	14.25	14.34	14.26			
5	QPSK	12	13	14.40	14.36	14.27			
5	QPSK	25	0	14.39	14.36	14.37	15.8	0	
5	16QAM	1	0	14.34	14.31	14.31			
5	16QAM	1	12	14.23	14.27	14.23			
5	16QAM	1	24	14.26	14.36	14.29	15.8	0	
5	16QAM	12	0	14.32	14.46	14.22			
5	16QAM	12	7	14.21	14.36	14.27			
5	16QAM	12	13	14.31	14.25	14.29	15.8	0	
5	16QAM	25	0	14.28	14.33	14.29			
5	64QAM	1	0	14.42	14.36	14.28			
5	64QAM	1	12	14.33	14.27	14.18	15.8	0	
5	64QAM	1	24	14.33	14.33	14.15			
5	64QAM	12	0	14.40	14.42	14.24			
5	64QAM	12	7	14.22	14.32	14.16	15.8	0	
5	64QAM	12	13	14.32	14.29	14.24			
5	64QAM	25	0	14.30	14.42	14.28			
5	256QAM	1	0	14.35	14.38	14.38	15.8	0	
5	256QAM	1	12	14.34	14.29	14.19			
5	256QAM	1	24	14.26	14.38	14.27			
5	256QAM	12	0	14.27	14.36	14.27	15.8	0	
5	256QAM	12	7	14.14	14.41	14.27			
5	256QAM	12	13	14.27	14.42	14.20			
5	256QAM	25	0	14.33	14.40	14.29			

Band 42 Ant 8 ECI 2									
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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	22.08	22.12	22.06	23.5	0	
20	QPSK	1	49	22.04	22.08	22.02			
20	QPSK	1	99	21.96	22.09	21.93			
20	QPSK	50	0	21.97	22.07	21.93	23.5	0	
20	QPSK	50	24	21.99	22.03	22.00			
20	QPSK	50	50	22.00	22.01	22.00			
20	QPSK	100	0	22.00	22.00	22.00	23.5	0	
20	16QAM	1	0	21.91	21.99	21.90			
20	16QAM	1	49	21.95	21.93	21.96			
20	16QAM	1	99	21.89	21.96	21.96	23	0.5	
20	16QAM	50	0	21.48	21.63	21.48			
20	16QAM	50	24	21.47	21.58	21.44			
20	16QAM	50	50	21.44	21.52	21.53	23	0.5	
20	16QAM	100	0	21.55	21.52	21.56			
20	64QAM	1	0	21.42	21.43	21.29			
20	64QAM	1	49	21.45	21.42	21.47	22	1.5	
20	64QAM	1	99	21.33	21.47	21.44			
20	64QAM	50	0	20.48	20.59	20.38			
20	64QAM	50	24	20.47	20.59	20.47	20	3.5	
20	64QAM	50	50	20.48	20.46	20.55			
20	64QAM	100	0	20.51	20.46	20.47			
20	256QAM	1	0	18.48	18.59	18.40	20	3.5	
20	256QAM	1	49	18.52	18.55	18.48			
20	256QAM	1	99	18.45	18.53	18.52			
20	256QAM	50	0	18.44	18.55	18.45	20	3.5	
20	256QAM	50	24	18.35	18.50	18.27			
20	256QAM	50	50	18.48	18.42	18.50			
20	256QAM	100	0	18.42	18.47	18.43	Tune-up limit (dBm)	MPR (dB)	
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.97	22.08	21.92			
15	QPSK	1	37	21.93	22.00	21.90	23.5	0	
15	QPSK	1	74	21.90	21.99	21.87			
15	QPSK	36	0	21.92	21.96	21.79			
15	QPSK	36	20	21.96	21.94	21.89	23.5	0	
15	QPSK	36	39	21.97	21.90	21.98			
15	QPSK	75	0	21.91	21.97	21.87			
15	16QAM	1	0	21.83	21.85	21.73	23.5	0	
15	16QAM	1	37	21.91	21.86	21.83			
15	16QAM	1	74	21.79	21.90	21.93			
15	16QAM	36	0	21.41	21.51	21.46	23	0.5	
15	16QAM	36	20	21.44	21.55	21.36			
15	16QAM	36	39	21.40	21.42	21.40			
15	16QAM	75	0	21.46	21.46	21.44	23	0.5	
15	64QAM	1	0	21.29	21.34	21.26			
15	64QAM	1	37	21.36	21.34	21.35			
15	64QAM	1	74	21.25	21.40	21.35	22	1.5	
15	64QAM	36	0	20.42	20.56	20.30			
15	64QAM	36	20	20.43	20.56	20.38			
15	64QAM	36	39	20.39	20.35	20.43	20	3.5	
15	64QAM	75	0	20.41	20.43	20.38			
15	256QAM	1	0	18.43	18.52	18.32			
15	256QAM	1	37	18.45	18.46	18.42	20	3.5	
15	256QAM	1	74	18.38	18.42	18.44			
15	256QAM	36	0	18.39	18.51	18.33			
15	256QAM	36	20	18.30	18.43	18.22	20	3.5	
15	256QAM	36	39	18.43	18.28	18.48			
15	256QAM	75	0	18.36	18.45	18.36			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	22.00	22.00	22.01	23.5	0	
10	QPSK	1	25	22.02	22.04	21.90			
10	QPSK	1	49	21.83	22.07	21.84			
10	QPSK	25	0	21.92	21.95	21.91	23.5	0	
10	QPSK	25	12	21.88	21.97	21.91			
10	QPSK	25	25	21.88	21.89	21.89			
10	QPSK	50	0	21.87	21.87	21.96	23.5	0	
10	16QAM	1	0	21.88	21.87	21.72			
10	16QAM	1	25	21.87	21.88	21.84			
10	16QAM	1	49	21.76	21.92	21.89	23	0.5	
10	16QAM	25	0	21.41	21.60	21.40			
10	16QAM	25	12	21.37	21.45	21.34			
10	16QAM	25	25	21.36	21.46	21.42	23	0.5	
10	16QAM	50	0	21.52	21.41	21.51			
10	64QAM	1	0	21.40	21.33	21.25			
10	64QAM	1	25	21.37	21.28	21.43	22	1.5	
10	64QAM	1	49	21.29	21.35	21.32			
10	64QAM	25	0	20.40	20.48	20.26			
10	64QAM	25	12	20.44	20.45	20.37	20	3.5	
10	64QAM	25	25	20.36	20.34	20.45			
10	64QAM	50	0	20.37	20.33	20.36			
10	256QAM	1	0	18.38	18.46	18.37	20	3.5	
10	256QAM	1	25	18.49	18.51	18.41			
10	256QAM	1	49	18.41	18.50	18.39			
10	256QAM	25	0	18.42	18.51	18.32	20	3.5	
10	256QAM	25	12	18.25	18.39	18.24			
10	256QAM	25	25	18.40	18.31	18.46			
10	256QAM	50	0	18.39	18.36	18.39	Tune-up limit (dBm)	MPR (dB)	
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.95	22.07	21.95			
5	QPSK	1	12	21.94	21.99	21.99	23.5	0	
5	QPSK	1	24	21.90	22.02	21.79			
5	QPSK	12	0	21.92	21.99	21.91			
5	QPSK	12	7	21.88	21.90	21.86	23.5	0	
5	QPSK	12	13	21.89	21.98	21.92			
5	QPSK	25	0	21.97	21.87	21.89			
5	16QAM	1	0	21.87	21.93	21.73	23.5	0	
5	16QAM	1	12	21.85	21.84	21.84			
5	16QAM	1	24	21.83	21.85	21.92			
5	16QAM	12	0	21.46	21.49	21.44	23	0.5	
5	16QAM	12	7	21.41	21.48	21.41			
5	16QAM	12	13	21.37	21.41	21.48			
5	16QAM	25	0	21.47	21.41	21.45	23	0.5	
5	64QAM	1	0	21.30	21.40	21.18			
5	64QAM	1	12	21.42	21.37	21.35			
5	64QAM	1	24	21.28	21.36	21.35	22	1.5	
5	64QAM	12	0	20.38	20.54	20.27			
5	64QAM	12	7	20.44	20.46	20.44			
5	64QAM	12	13	20.41	20.34	20.45	20	3.5	
5	64QAM	25	0	20.40	20.38	20.33			
5	256QAM	1	0	18.37	18.45	18.30			
5	256QAM	1	12	18.48	18.44	18.38	20	3.5	
5	256QAM	1	24	18.37	18.48	18.50			
5	256QAM	12	0	18.36	18.44	18.34			
5	256QAM	12	7	18.22	18.40	18.22	20	3.5	
5	256QAM	12	13	18.39	18.29	18.39			
5	256QAM	25	0	18.37	18.38	18.32			

Reduced Power Mode for ECI 3

GSM850 Ant 0 ECI 3				Burst Average Power (dBm)			Tune-up Limit (dBm)			Frame-Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel				128	189	251	128			128	189	251	128	
Frequency (MHz)				824.2	836.4	848.8	29.00			824.2	836.4	848.8	25.17	
GPRS 4 Tx slots				28.17	28.26	28.23	29.00			25.17	25.26	25.23	25.00	

GSM1900 Ant 0 ECI 3				Burst Average Power (dBm)			Tune-up Limit (dBm)			Frame-Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel				512	661	810	512			512	661	810	512	
Frequency (MHz)				1850.2	1880	1909.8	25.00			1850.2	1880	1909.8	21.32	
GPRS 4 Tx slots				24.32	24.35	24.23	25.00			21.32	21.35	21.23	22.00	

Band		WCDMA II Ant 0 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 3			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	18.16	18.20	18.14	19.30	21.20	21.25	21.23	22.70	24.28	24.30	24.25	25.00

Band 2 Ant 0 ECI 3									
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	20.54	20.60	20.58	21.9	0	

Band 4 Ant 0 ECI 3									
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	20.75	20.77	20.71	22	0	

Band 5 Ant 0 ECI 3									
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	22.88	22.98	22.96	24	0	

Band 7 Ant 0 ECI 3									
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	21.14	21.20	21.15	22.2	0	

Band 12 Ant 0 ECI 3									
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	23.01	23.04	23.00	24	0	

Band 38 Ant 0 ECI 3									
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	2585	2610			
20	QPSK	1	0	22.15	22.18	22.16	23.2	0	

Band 41 Ant 0 ECI 3										
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)				2406	2540.5	2593	2636.5	2690		
20	QPSK	1	0	22.26	22.23	22.30	22.28	22.25	23.2	0

Band 66 Ant 0 ECI 3									
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	20.72	20.80	20.75	22	0	

Band 26 Ant 0 ECI 3									
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	22.91	23.00	22.94	24	0	

Band 17 Ant 0 ECI 3									
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				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.00	23.02	22.98	24	0	

Band 41 HPUE Ant 0 ECI 3										
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	2540.5	2593	2636.5	2690		
20	QPSK	1	0	23.51	23.54	23.60	23.55	23.58	24.8	0

GSM850 Ant 1 ECI 3		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	
QPSK 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 3			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9562	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	17.12	17.15	17.10	18.30	18.06	18.08	18.00	19.10	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 3

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)				1850	1880	1900		
20	QPSK	1	0	19.28	19.35	19.31	20.7	0

Band 4 Ant 1 ECI 3

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	19.93	19.98	19.95	21.1	0

Band 5 Ant 1 ECI 3

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	22.63	22.70	22.68	24	0

Band 7 Ant 1 ECI 3

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	20.93	21.00	20.96	22	0

Band 12 Ant 1 ECI 3

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	22.65	22.70	22.59	24	0

Band 38 Ant 1 ECI 3

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)				2590	2595	2610		
20	QPSK	1	0	21.17	21.20	21.15	22.1	0

Band 41 Ant 1 ECI 3

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	21.26	21.22	21.30	21.28	21.24	22.1	0

Band 66 Ant 1 ECI 3

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	20.00	20.08	20.04	21.1	0

Band 26 Ant 1 ECI 3

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				26785	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69	24	0

Band 17 Ant 1 ECI 3

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56	24	0

Band 41 HPUE Ant 1 ECI 3

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	22.53	22.58	22.60	22.55	22.54	23.7	0

GSM1900 Ant 2 ECI 3		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 4 Tx slots		22.88	22.91	22.89	23.90	19.88	19.91	19.89	20.80

Band		WCDMA II Ant 2 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	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 Rel 99	RMC 12.2Kbps	17.40	17.45	17.42	18.50	15.88	15.90	15.85	17.00

Band 2 Ant 2 ECI 3

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	15.29	15.32	15.25	16.4	0

Band 4 Ant 2 ECI 3

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	15.10	15.15	15.11	16.2	0

Band 7 Ant 2 ECI 3

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	16.82	16.88	16.84	18	0

Band 38 Ant 2 ECI 3

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	17.92	18.00	17.98	18.9	0

Band 41 Ant 2 ECI 3

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	18.00	18.03	18.10	18.02	18.08	18.9	0

Band 66 Ant 2 ECI 3

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	15.15	15.20	15.18	16.2	0

Band 41 HPUE Ant 2 ECI 3

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	19.34	19.28	19.36	19.30	19.32	20.5	0

Band		WCDMA II Ant 3 ECI 3			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1557	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.4	
3GPP Rel 99	RMC 12.2Kbps	16.75	16.81	16.75	17.90	18.85	18.91	18.88	19.90

0.00

Band 2 Ant 3 ECI 3

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)				1850	1880	1900		
20	QPSK	1	0	18.50	18.56	18.52	20.2	0

Band 4 Ant 3 ECI 3

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	19.15	19.18	19.16	20.3	0

Band 7 Ant 3 ECI 3

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	18.57	18.60	18.55	19.6	0

Band 38 Ant 3 ECI 3

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)				2550	2595	2610		
20	QPSK	1	0	20.53	20.60	20.55	21.4	0

Band 41 Ant 3 ECI 3

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	20.62	20.59	20.70	20.68	20.66	21.4	0

Band 66 Ant 3 ECI 3

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	19.24	19.30	19.26	20.3	0

Band 41 HPUE Ant 3 ECI 3

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	21.81	21.83	21.80	21.88	21.87	23	0

Band 42 Ant 4 ECI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.51	17.56	17.53	18.9	0	
20	QPSK	1	49	17.41	17.49	17.46			
20	QPSK	1	99	17.45	17.42	17.39			
20	QPSK	50	0	17.41	17.52	17.47	18.9	0	
20	QPSK	50	24	17.41	17.43	17.46			
20	QPSK	50	50	17.42	17.43	17.41			
20	QPSK	100	0	17.38	17.48	17.46	18.9	0	
20	16QAM	1	0	17.45	17.44	17.50			
20	16QAM	1	49	17.29	17.45	17.40			
20	16QAM	1	99	17.42	17.37	17.35	18.9	0	
20	16QAM	50	0	17.32	17.42	17.38			
20	16QAM	50	24	17.34	17.29	17.41			
20	16QAM	50	50	17.28	17.36	17.31	18.9	0	
20	16QAM	100	0	17.32	17.40	17.39			
20	64QAM	1	0	17.45	17.46	17.48			
20	64QAM	1	49	17.31	17.38	17.40	18.9	0	
20	64QAM	1	99	17.36	17.35	17.26			
20	64QAM	50	0	17.31	17.44	17.34			
20	64QAM	50	24	17.30	17.37	17.35	18.9	0	
20	64QAM	50	50	17.28	17.37	17.39			
20	64QAM	100	0	17.34	17.40	17.42			
20	256QAM	1	0	17.39	17.45	17.43	18.9	0	
20	256QAM	1	49	17.28	17.40	17.44			
20	256QAM	1	99	17.36	17.29	17.36			
20	256QAM	50	0	17.31	17.38	17.35	18.9	0	
20	256QAM	50	24	17.27	17.37	17.41			
20	256QAM	50	50	17.39	17.33	17.31			
20	256QAM	100	0	17.34	17.38	17.33			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.41	17.47	17.39			
15	QPSK	1	37	17.38	17.46	17.32	18.9	0	
15	QPSK	1	74	17.40	17.31	17.33			
15	QPSK	36	0	17.37	17.43	17.44			
15	QPSK	36	20	17.30	17.29	17.43	18.9	0	
15	QPSK	36	39	17.38	17.39	17.37			
15	QPSK	75	0	17.27	17.42	17.34			
15	16QAM	1	0	17.32	17.37	17.48	18.9	0	
15	16QAM	1	37	17.20	17.39	17.30			
15	16QAM	1	74	17.33	17.31	17.25			
15	16QAM	36	0	17.20	17.31	17.31	18.9	0	
15	16QAM	36	20	17.27	17.23	17.29			
15	16QAM	36	39	17.17	17.30	17.20			
15	16QAM	75	0	17.28	17.29	17.34	18.9	0	
15	64QAM	1	0	17.40	17.39	17.39			
15	64QAM	1	37	17.26	17.33	17.31			
15	64QAM	1	74	17.24	17.22	17.21	18.9	0	
15	64QAM	36	0	17.26	17.36	17.28			
15	64QAM	36	20	17.27	17.33	17.23			
15	64QAM	36	39	17.22	17.24	17.28	18.9	0	
15	64QAM	75	0	17.24	17.30	17.32			
15	256QAM	1	0	17.31	17.33	17.40			
15	256QAM	1	37	17.14	17.27	17.36	18.9	0	
15	256QAM	1	74	17.23	17.21	17.32			
15	256QAM	36	0	17.20	17.29	17.22			
15	256QAM	36	20	17.24	17.26	17.29	18.9	0	
15	256QAM	36	39	17.32	17.25	17.24			
15	256QAM	75	0	17.22	17.30	17.23			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.42	17.43	17.40	18.9	0	
10	QPSK	1	25	17.35	17.38	17.34			
10	QPSK	1	49	17.42	17.39	17.35			
10	QPSK	25	0	17.31	17.41	17.36	18.9	0	
10	QPSK	25	12	17.33	17.36	17.35			
10	QPSK	25	25	17.29	17.30	17.29			
10	QPSK	50	0	17.28	17.40	17.42	18.9	0	
10	16QAM	1	0	17.37	17.35	17.41			
10	16QAM	1	25	17.19	17.34	17.26			
10	16QAM	25	0	17.26	17.33	17.34	18.9	0	
10	16QAM	25	12	17.30	17.20	17.36			
10	16QAM	25	25	17.21	17.33	17.21			
10	16QAM	50	0	17.20	17.33	17.29	18.9	0	
10	64QAM	1	0	17.34	17.40	17.46			
10	64QAM	1	25	17.28	17.29	17.27			
10	64QAM	1	49	17.24	17.29	17.20	18.9	0	
10	64QAM	25	0	17.17	17.40	17.26			
10	64QAM	25	12	17.25	17.26	17.22			
10	64QAM	25	25	17.23	17.29	17.37	18.9	0	
10	64QAM	50	0	17.27	17.29	17.39			
10	256QAM	1	0	17.35	17.37	17.41			
10	256QAM	1	25	17.21	17.36	17.31	18.9	0	
10	256QAM	1	49	17.32	17.15	17.23			
10	256QAM	25	0	17.18	17.25	17.27			
10	256QAM	25	12	17.16	17.29	17.32	18.9	0	
10	256QAM	25	25	17.34	17.29	17.25			
10	256QAM	50	0	17.26	17.26	17.26			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.39	17.50	17.42	18.9	0	
5	QPSK	1	12	17.32	17.46	17.35			
5	QPSK	1	24	17.39	17.30	17.37			
5	QPSK	12	0	17.35	17.43	17.38	18.9	0	
5	QPSK	12	7	17.36	17.34	17.35			
5	QPSK	12	13	17.38	17.29	17.33			
5	QPSK	25	0	17.31	17.44	17.38	18.9	0	
5	16QAM	1	0	17.37	17.34	17.36			
5	16QAM	1	12	17.25	17.33	17.28			
5	16QAM	1	24	17.34	17.30	17.25	18.9	0	
5	16QAM	12	0	17.22	17.31	17.25			
5	16QAM	12	7	17.20	17.23	17.38			
5	16QAM	12	13	17.18	17.31	17.18	18.9	0	
5	16QAM	25	0	17.21	17.28	17.32			
5	64QAM	1	0	17.41	17.35	17.36			
5	64QAM	1	12	17.28	17.33	17.26	18.9	0	
5	64QAM	1	24	17.25	17.21	17.17			
5	64QAM	12	0	17.28	17.40	17.20			
5	64QAM	12	7	17.16	17.24	17.21	18.9	0	
5	64QAM	12	13	17.19	17.32	17.25			
5	64QAM	25	0	17.30	17.28	17.33			
5	256QAM	1	0	17.32	17.32	17.35	18.9	0	
5	256QAM	1	12	17.18	17.28	17.42			
5	256QAM	1	24	17.29	17.26	17.32			
5	256QAM	12	0	17.23	17.27	17.29	18.9	0	
5	256QAM	12	7	17.17	17.27	17.38			
5	256QAM	12	13	17.31	17.28	17.27			
5	256QAM	25	0	17.30	17.27	17.31			

Band 42 Ant 6 ECI 3									
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	17.6	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	16.10	16.16	16.13	17.6	0	
20	QPSK	1	49	16.01	16.02	16.01			
20	QPSK	1	99	16.07	16.12	16.05			
20	QPSK	50	0	16.00	16.11	16.06			
20	QPSK	50	24	15.97	16.10	16.09	17.6	0	
20	QPSK	50	50	16.07	16.02	16.04			
20	QPSK	100	0	16.04	16.07	16.01			
20	16QAM	1	0	16.01	16.03	16.07			
20	16QAM	1	49	15.98	15.89	15.92	17.6	0	
20	16QAM	1	99	16.00	16.04	16.02			
20	16QAM	50	0	15.90	16.04	15.95			
20	16QAM	50	24	15.92	16.06	16.04			
20	16QAM	50	50	16.00	15.93	15.94	17.6	0	
20	16QAM	100	0	15.93	15.97	15.95			
20	64QAM	1	0	16.05	16.02	16.05			
20	64QAM	1	49	15.92	15.90	15.90			
20	64QAM	1	99	15.96	16.06	16.00	17.6	0	
20	64QAM	50	0	15.96	16.08	15.99			
20	64QAM	50	24	15.92	16.07	15.95			
20	64QAM	50	50	16.00	15.98	15.98			
20	64QAM	100	0	15.97	15.97	15.97	17.6	0	
20	256QAM	1	0	16.06	16.03	16.09			
20	256QAM	1	49	15.94	15.99	15.93			
20	256QAM	1	99	16.04	16.02	15.93			
20	256QAM	50	0	15.94	15.98	16.01	17.6	0	
20	256QAM	50	24	15.86	16.03	16.07			
20	256QAM	50	50	16.02	15.94	15.94			
20	256QAM	100	0	16.01	16.04	15.91			
Channel				42165	42590	43015	17.6	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	16.05	16.10	16.03	17.6	0	
15	QPSK	1	37	15.89	15.90	15.96			
15	QPSK	1	74	15.95	16.04	15.96			
15	QPSK	36	0	15.90	16.06	15.98			
15	QPSK	36	20	15.88	16.04	15.95	17.6	0	
15	QPSK	36	39	15.93	15.93	15.95			
15	QPSK	75	0	15.93	15.99	15.95			
15	16QAM	1	0	15.96	15.92	15.98			
15	16QAM	1	37	15.96	15.94	15.87	17.6	0	
15	16QAM	1	74	15.93	15.95	15.91			
15	16QAM	36	0	15.85	15.92	15.84			
15	16QAM	36	20	15.83	15.95	15.91			
15	16QAM	36	39	15.93	15.90	15.90	17.6	0	
15	16QAM	75	0	15.91	15.90	15.92			
15	64QAM	1	0	16.00	15.95	15.98			
15	64QAM	1	37	15.83	15.79	15.87			
15	64QAM	1	74	15.90	15.97	15.89	17.6	0	
15	64QAM	36	0	15.87	16.05	15.90			
15	64QAM	36	20	15.87	15.98	15.82			
15	64QAM	36	39	15.87	15.86	15.85			
15	64QAM	75	0	15.93	15.93	15.86	17.6	0	
15	256QAM	1	0	16.00	15.91	16.05			
15	256QAM	1	37	15.84	15.96	15.84			
15	256QAM	1	74	15.97	15.99	15.91			
15	256QAM	36	0	15.84	15.85	15.96	17.6	0	
15	256QAM	36	20	15.80	15.94	16.05			
15	256QAM	36	39	15.96	15.91	15.92			
15	256QAM	75	0	15.97	15.95	15.78			
Channel				42140	42590	43040	17.6	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	16.01	16.07	16.10	17.6	0	
10	QPSK	1	25	15.98	15.92	15.96			
10	QPSK	1	49	16.04	16.10	15.99			
10	QPSK	25	0	15.93	16.03	15.95			
10	QPSK	25	12	15.85	15.97	16.00	17.6	0	
10	QPSK	25	25	16.02	15.89	15.91			
10	QPSK	50	0	15.95	16.00	15.87			
10	16QAM	1	0	15.98	16.01	15.93			
10	16QAM	1	25	15.94	15.82	15.82	17.6	0	
10	16QAM	1	49	15.96	16.01	15.94			
10	16QAM	25	0	15.78	15.91	15.82			
10	16QAM	25	12	15.84	16.00	16.01			
10	16QAM	25	25	15.95	15.81	15.86	17.6	0	
10	16QAM	50	0	15.89	15.87	15.84			
10	64QAM	1	0	16.02	15.97	15.94			
10	64QAM	1	25	15.81	15.77	15.76			
10	64QAM	1	49	15.90	15.95	15.94	17.6	0	
10	64QAM	25	0	15.88	15.96	15.85			
10	64QAM	25	12	15.87	16.01	15.82			
10	64QAM	25	25	15.91	15.88	15.92			
10	64QAM	50	0	15.90	15.89	15.90	17.6	0	
10	256QAM	1	0	15.98	15.92	16.04			
10	256QAM	1	25	15.85	15.92	15.80			
10	256QAM	1	49	16.00	15.89	15.84			
10	256QAM	25	0	15.90	15.84	15.93	17.6	0	
10	256QAM	25	12	15.73	15.99	15.98			
10	256QAM	25	25	15.97	15.81	15.87			
10	256QAM	50	0	15.96	15.93	15.82			
Channel				42115	42590	43065	17.6	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	16.06	16.04	16.05	17.6	0	
5	QPSK	1	12	15.96	15.91	15.97			
5	QPSK	1	24	15.99	16.04	16.00			
5	QPSK	12	0	15.91	16.05	15.93			
5	QPSK	12	7	15.88	16.06	16.05	17.6	0	
5	QPSK	12	13	16.04	15.92	15.99			
5	QPSK	25	0	15.91	15.99	15.98			
5	16QAM	1	0	15.94	16.00	15.99			
5	16QAM	1	12	15.85	15.76	15.87	17.6	0	
5	16QAM	1	24	15.96	15.91	15.95			
5	16QAM	12	0	15.81	15.95	15.83			
5	16QAM	12	7	15.85	15.98	15.93			
5	16QAM	12	13	15.93	15.90	15.86	17.6	0	
5	16QAM	25	0	15.79	15.83	15.86			
5	64QAM	1	0	15.93	15.95	15.99			
5	64QAM	1	12	15.79	15.81	15.81			
5	64QAM	1	24	15.89	16.03	15.93	17.6	0	
5	64QAM	12	0	15.86	16.00	15.91			
5	64QAM	12	7	15.86	15.98	15.92			
5	64QAM	12	13	15.91	15.86	15.88			
5	64QAM	25	0	15.95	15.87	15.85	17.6	0	
5	256QAM	1	0	15.92	16.00	15.98			
5	256QAM	1	12	15.81	15.94	15.82			
5	256QAM	1	24	15.97	15.92	15.91			
5	256QAM	12	0	15.91	15.92	15.92	17.6	0	
5	256QAM	12	7	15.75	15.98	15.95			
5	256QAM	12	13	15.93	15.84	15.89			
5	256QAM	25	0	15.92	15.97	15.86			

Band 42 Ant 8 ECI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	22.06	22.10	22.04	23.3	0	
20	QPSK	1	49	21.95	22.08	21.92			
20	QPSK	1	99	21.95	22.02	21.99			
20	QPSK	50	0	22.02	22.04	21.90	23.3	0	
20	QPSK	50	24	22.00	22.03	21.99			
20	QPSK	50	50	21.94	21.98	21.99			
20	QPSK	100	0	22.02	21.96	21.92	23.3	0	
20	16QAM	1	0	21.93	21.91	21.81			
20	16QAM	1	49	21.93	22.00	21.87			
20	16QAM	1	99	21.91	21.95	21.91	23	0.3	
20	16QAM	50	0	21.77	21.71	21.54			
20	16QAM	50	24	21.73	21.72	21.75			
20	16QAM	50	50	21.62	21.73	21.65	23	0.3	
20	16QAM	100	0	21.68	21.70	21.66			
20	64QAM	1	0	21.66	21.64	21.56			
20	64QAM	1	49	21.64	21.67	21.62	23	0.3	
20	64QAM	1	99	21.57	21.60	21.55			
20	64QAM	50	0	20.70	20.77	20.58			
20	64QAM	50	24	20.68	20.76	20.74	22	1.3	
20	64QAM	50	50	20.59	20.69	20.69			
20	64QAM	100	0	20.76	20.61	20.63			
20	256QAM	1	0	18.77	18.73	18.56	20	3.3	
20	256QAM	1	49	18.65	18.72	18.64			
20	256QAM	1	99	18.62	18.73	18.74			
20	256QAM	50	0	18.71	18.64	18.60	20	3.3	
20	256QAM	50	24	18.68	18.58	18.45			
20	256QAM	50	50	18.57	18.67	18.57			
20	256QAM	100	0	18.59	18.67	18.58			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.99	22.03	21.97	23.3	0	
15	QPSK	1	37	21.91	21.97	21.79			
15	QPSK	1	74	21.83	21.99	21.94			
15	QPSK	36	0	21.94	21.97	21.80	23.3	0	
15	QPSK	36	20	21.91	21.95	21.86			
15	QPSK	36	39	21.80	21.92	21.91			
15	QPSK	75	0	21.91	21.83	21.83	23.3	0	
15	16QAM	1	0	21.81	21.81	21.70			
15	16QAM	1	37	21.80	21.88	21.74			
15	16QAM	1	74	21.82	21.89	21.85	23	0.3	
15	16QAM	36	0	21.69	21.69	21.44			
15	16QAM	36	20	21.63	21.59	21.70			
15	16QAM	36	39	21.50	21.64	21.61	23	0.3	
15	16QAM	75	0	21.60	21.65	21.64			
15	64QAM	1	0	21.57	21.59	21.54			
15	64QAM	1	37	21.52	21.57	21.56	22	1.3	
15	64QAM	1	74	21.51	21.58	21.45			
15	64QAM	36	0	20.61	20.69	20.44			
15	64QAM	36	20	20.57	20.71	20.68	20	3.3	
15	64QAM	36	39	20.52	20.58	20.66			
15	64QAM	75	0	20.62	20.53	20.59			
15	256QAM	1	0	18.63	18.66	18.53	20	3.3	
15	256QAM	1	37	18.57	18.65	18.56			
15	256QAM	1	74	18.53	18.64	18.53			
15	256QAM	36	0	18.61	18.60	18.47	20	3.3	
15	256QAM	36	20	18.57	18.50	18.43			
15	256QAM	36	39	18.45	18.53	18.46			
15	256QAM	75	0	18.46	18.57	18.46			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.97	22.00	22.00	23.3	0	
10	QPSK	1	25	21.82	22.02	21.85			
10	QPSK	1	49	21.86	21.99	21.97			
10	QPSK	25	0	21.98	22.01	21.87	23.3	0	
10	QPSK	25	12	21.94	21.95	21.93			
10	QPSK	25	25	21.90	21.92	21.86			
10	QPSK	50	0	21.97	21.82	21.89	23.3	0	
10	16QAM	1	0	21.89	21.84	21.76			
10	16QAM	1	25	21.88	21.92	21.80			
10	16QAM	1	49	21.78	21.89	21.87	23	0.3	
10	16QAM	25	0	21.74	21.81	21.42			
10	16QAM	25	12	21.62	21.62	21.67			
10	16QAM	25	25	21.57	21.69	21.60	23	0.3	
10	16QAM	50	0	21.61	21.60	21.61			
10	64QAM	1	0	21.63	21.59	21.43			
10	64QAM	1	25	21.55	21.56	21.52	22	1.3	
10	64QAM	1	49	21.45	21.47	21.50			
10	64QAM	25	0	20.61	20.75	20.47			
10	64QAM	25	12	20.57	20.64	20.67	20	3.3	
10	64QAM	25	25	20.49	20.60	20.59			
10	64QAM	50	0	20.65	20.57	20.54			
10	256QAM	1	0	18.67	18.66	18.52	20	3.3	
10	256QAM	1	25	18.57	18.67	18.52			
10	256QAM	1	49	18.53	18.66	18.71			
10	256QAM	25	0	18.62	18.62	18.47	20	3.3	
10	256QAM	25	12	18.63	18.46	18.35			
10	256QAM	25	25	18.45	18.56	18.50			
10	256QAM	50	0	18.50	18.56	18.47			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.97	22.06	22.02	23.3	0	
5	QPSK	1	12	21.87	21.98	21.82			
5	QPSK	1	24	21.86	21.88	21.90			
5	QPSK	12	0	21.94	21.96	21.83	23.3	0	
5	QPSK	12	7	21.91	21.97	21.94			
5	QPSK	12	13	21.87	21.92	21.97			
5	QPSK	25	0	21.97	21.92	21.86	23.3	0	
5	16QAM	1	0	21.86	21.77	21.70			
5	16QAM	1	12	21.90	21.95	21.82			
5	16QAM	1	24	21.86	21.85	21.88	23	0.3	
5	16QAM	12	0	21.65	21.58	21.40			
5	16QAM	12	7	21.63	21.60	21.56			
5	16QAM	12	13	21.56	21.61	21.60	23	0.3	
5	16QAM	25	0	21.59	21.57	21.61			
5	64QAM	1	0	21.52	21.55	21.45			
5	64QAM	1	12	21.54	21.54	21.59	22	1.3	
5	64QAM	1	24	21.44	21.58	21.53			
5	64QAM	12	0	20.60	20.68	20.55			
5	64QAM	12	7	20.60	20.68	20.61	20	3.3	
5	64QAM	12	13	20.56	20.67	20.57			
5	64QAM	25	0	20.68	20.49	20.56			
5	256QAM	1	0	18.68	18.70	18.45	20	3.3	
5	256QAM	1	12	18.54	18.68	18.56			
5	256QAM	1	24	18.59	18.70	18.70			
5	256QAM	12	0	18.60	18.52	18.54	20	3.3	
5	256QAM	12	7	18.61	18.51	18.35			
5	256QAM	12	13	18.47	18.54	18.53			
5	256QAM	25	0	18.52	18.58	18.49			

Reduced Power Mode for ECI 5

GSM850 Ant 0 ECI 5				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				128	189	251		128	189	251		128	189	251		128	189	251	
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots				28.17	28.26	28.23		29.00	25.17	25.26		25.23	25.23	25.23		25.00	25.00	25.00	

GSM1900 Ant 0 ECI 5				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				512	661	810		512	661	810		512	661	810		512	661	810	
Frequency (MHz)				1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots				24.32	24.35	24.23		25.00	21.32	21.35		21.23	21.35	21.23		22.00	22.00	22.00	

Band		WCDMA II Ant 0 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI 5			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI 5			Tune-up Limit (dBm)						
TX Channel		9262	9400	9538						1312	1413	1513					4132	4182	4233
Rx Channel		9662	9800	9938						1537	1638	1738					4357	4407	4458
Frequency (MHz)		1852.4	1880	1907.6				1712.4	1732.6	1752.6				826.4	836.4	846.6			
3GPP Rel 99	RMC 12.2Kbps	19.33	19.35	19.30	20.50	20.38	20.41	20.35	21.60	23.88	23.90	23.85	24.90						

Band 2 Ant 0 ECI 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				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	18.03	18.09	18.05	19.5	0	

Band 4 Ant 0 ECI 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				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	19.55	19.62	19.58	21.3	0	

Band 5 Ant 0 ECI 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				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	21.55	21.59	21.53	22.7	0	

Band 7 Ant 0 ECI 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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.20	20.25	20.23	21.2	0	

Band 12 Ant 0 ECI 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				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.15	22.19	22.16	23.4	0	

Band 38 Ant 0 ECI 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				37850	38000	38150			
Frequency (MHz)				2580	2585	2610			
20	QPSK	1	0	22.63	22.69	22.85	23.9	0	

Band 41 Ant 0 ECI 5										
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	22.88	22.94	22.95	22.92	22.90	23.9	0

Band 66 Ant 0 ECI 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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.62	19.70	19.66	21.3	0	

Band 26 Ant 0 ECI 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				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.63	21.68	21.66	22.7	0	

Band 17 Ant 0 ECI 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				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.06	22.10	22.08	23.4	0	

Band 41 HPUE Ant 0 ECI 5										
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	24.11	24.15	24.20	24.16	24.18	25.5	0

GSM850 Ant 1 ECI 5		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
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 side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI 5			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538						4132	4182	4233	
Rx Channel		9662	9800	9938						4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6						626.4	636.4	846.6	
3GPP Ref 99	RMC 12.2Kbps	17.68	17.70	17.66	19.30	18.12	18.15	18.10	19.20	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 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				18700	18900	19100		
Frequency (MHz)				1850	1880	1900		
20	QPSK	1	0	18.59	18.65	18.61	18.7	0

Band 4 Ant 1 ECI 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.64	18.66	18.61	19.9	0

Band 5 Ant 1 ECI 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.63	22.70	22.68	24	0

Band 7 Ant 1 ECI 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.54	19.55	19.51	21	0

Band 12 Ant 1 ECI 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.65	22.70	22.59	24	0

Band 38 Ant 1 ECI 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				37650	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	22.15	22.20	22.19	23.6	0

Band 41 Ant 1 ECI 5

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	22.26	22.30	22.35	22.32	22.28	23.6	0

Band 66 Ant 1 ECI 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.68	18.75	18.71	19.9	0

Band 26 Ant 1 ECI 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				26785	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69	24	0

Band 17 Ant 1 ECI 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56	24	0

Band 41 HPUE Ant 1 ECI 5

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	23.78	23.79	23.85	23.81	23.77	25.2	0

GSM1900 Ant 2 ECI 5	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	1880	1909.8	1850.2	1880	1909.8	
	GPRS 4 Tx slots	22.05	22.10	22.07	23.10	19.05	19.10	19.07

20.10

Band	WCDMA II Ant 2 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 5			Tune-up Limit (dBm)
	TX Channel	9262	9400	9538	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 Rel 99	RMC 12.2Kbps	18.46	18.50	18.45	19.50	20.49	20.55	20.52	21.60
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Band 2 Ant 2 ECI 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				18700	18900	19100	16.4	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.25	15.30	15.26	16.4	0

Band 4 Ant 2 ECI 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				20050	20175	20300	19.2	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.02	16.08	16.06	19.2	0

Band 7 Ant 2 ECI 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				20850	21100	21350	19.5	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.33	18.40	18.35	19.5	0

Band 38 Ant 2 ECI 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				37850	38000	38150	20.8	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.54	19.62	19.58	20.8	0

Band 41 Ant 2 ECI 5

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	20.8	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.68	19.75	19.77	19.74	19.71	20.8	0

Band 66 Ant 2 ECI 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				132072	132322	132572	19.2	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.14	18.18	18.16	19.2	0

Band 41 HPUE Ant 2 ECI 5

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	22.4	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.98	20.95	21.03	20.99	21.00	22.4	0

Band		WCDMA II Ant 3 ECI 5			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1557	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	18.93	18.99	18.96	20.00	21.15	21.17	21.12	22.00

0.00

Band 2 Ant 3 ECI 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.33	21.40	21.36	22.6	0

Band 4 Ant 3 ECI 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.23	22.36	22.32	24	0

Band 7 Ant 3 ECI 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.70	19.75	19.72	21.1	0

Band 38 Ant 3 ECI 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				37850	38000	38150		
Frequency (MHz)				2550	2595	2610		
20	QPSK	1	0	21.84	21.88	21.85	22.9	0

Band 41 Ant 3 ECI 5

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	21.89	21.87	21.95	21.90	21.92	22.9	0

Band 66 Ant 3 ECI 5

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				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	22.29	22.40	22.32	24			0

Band 41 HPUE Ant 3 ECI 5

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	23.15	23.13	23.20	23.15	23.18	24.5	0

Band 42 Ant 4 ECI 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				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.51	17.56	17.53	18.9	0	
20	QPSK	1	49	17.41	17.49	17.46			
20	QPSK	1	99	17.45	17.42	17.39			
20	QPSK	50	0	17.41	17.52	17.47	18.9	0	
20	QPSK	50	24	17.41	17.43	17.46			
20	QPSK	50	50	17.42	17.43	17.41			
20	QPSK	100	0	17.38	17.48	17.46	18.9	0	
20	16QAM	1	0	17.45	17.44	17.50			
20	16QAM	1	49	17.29	17.45	17.40			
20	16QAM	1	99	17.42	17.37	17.35	18.9	0	
20	16QAM	50	0	17.32	17.42	17.38			
20	16QAM	50	24	17.34	17.29	17.41			
20	16QAM	50	50	17.28	17.36	17.31	18.9	0	
20	16QAM	100	0	17.32	17.40	17.39			
20	64QAM	1	0	17.45	17.46	17.48			
20	64QAM	1	49	17.31	17.38	17.40	18.9	0	
20	64QAM	1	99	17.36	17.35	17.26			
20	64QAM	50	0	17.31	17.44	17.34			
20	64QAM	50	24	17.30	17.37	17.35	18.9	0	
20	64QAM	50	50	17.28	17.37	17.39			
20	64QAM	100	0	17.34	17.40	17.42			
20	256QAM	1	0	17.39	17.45	17.43	18.9	0	
20	256QAM	1	49	17.28	17.40	17.44			
20	256QAM	1	99	17.36	17.29	17.36			
20	256QAM	50	0	17.31	17.38	17.35	18.9	0	
20	256QAM	50	24	17.27	17.37	17.41			
20	256QAM	50	50	17.39	17.33	17.31			
20	256QAM	100	0	17.34	17.38	17.33			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.41	17.47	17.39			
15	QPSK	1	37	17.38	17.46	17.32	18.9	0	
15	QPSK	1	74	17.40	17.31	17.33			
15	QPSK	36	0	17.37	17.43	17.44			
15	QPSK	36	20	17.30	17.29	17.43	18.9	0	
15	QPSK	36	39	17.38	17.39	17.37			
15	QPSK	75	0	17.27	17.42	17.34			
15	16QAM	1	0	17.32	17.37	17.48	18.9	0	
15	16QAM	1	37	17.20	17.39	17.30			
15	16QAM	1	74	17.33	17.31	17.25			
15	16QAM	36	0	17.20	17.31	17.31	18.9	0	
15	16QAM	36	20	17.27	17.23	17.29			
15	16QAM	36	39	17.17	17.30	17.20			
15	16QAM	75	0	17.28	17.29	17.34	18.9	0	
15	64QAM	1	0	17.40	17.39	17.39			
15	64QAM	1	37	17.26	17.33	17.31			
15	64QAM	1	74	17.24	17.22	17.21	18.9	0	
15	64QAM	36	0	17.26	17.36	17.28			
15	64QAM	36	20	17.27	17.33	17.23			
15	64QAM	36	39	17.22	17.24	17.28	18.9	0	
15	64QAM	75	0	17.24	17.30	17.32			
15	256QAM	1	0	17.31	17.33	17.40			
15	256QAM	1	37	17.14	17.27	17.36	18.9	0	
15	256QAM	1	74	17.23	17.21	17.32			
15	256QAM	36	0	17.20	17.29	17.22			
15	256QAM	36	20	17.24	17.26	17.29	18.9	0	
15	256QAM	36	39	17.32	17.25	17.24			
15	256QAM	75	0	17.22	17.30	17.23			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.42	17.43	17.40	18.9	0	
10	QPSK	1	25	17.35	17.38	17.34			
10	QPSK	1	49	17.42	17.39	17.35			
10	QPSK	25	0	17.31	17.41	17.36	18.9	0	
10	QPSK	25	12	17.33	17.36	17.35			
10	QPSK	25	25	17.29	17.30	17.29			
10	QPSK	50	0	17.28	17.40	17.42	18.9	0	
10	16QAM	1	0	17.37	17.35	17.41			
10	16QAM	1	25	17.19	17.34	17.26			
10	16QAM	25	0	17.26	17.33	17.34	18.9	0	
10	16QAM	25	12	17.30	17.20	17.36			
10	16QAM	25	25	17.21	17.33	17.21			
10	16QAM	50	0	17.20	17.33	17.29	18.9	0	
10	64QAM	1	0	17.34	17.40	17.46			
10	64QAM	1	25	17.28	17.29	17.27			
10	64QAM	1	49	17.24	17.29	17.20	18.9	0	
10	64QAM	25	0	17.17	17.40	17.26			
10	64QAM	25	12	17.25	17.26	17.22			
10	64QAM	25	25	17.23	17.29	17.37	18.9	0	
10	64QAM	50	0	17.27	17.29	17.39			
10	256QAM	1	0	17.35	17.37	17.41			
10	256QAM	1	25	17.21	17.36	17.31	18.9	0	
10	256QAM	1	49	17.32	17.15	17.23			
10	256QAM	25	0	17.18	17.25	17.27			
10	256QAM	25	12	17.16	17.29	17.32	18.9	0	
10	256QAM	25	25	17.34	17.29	17.25			
10	256QAM	50	0	17.26	17.26	17.26			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.39	17.50	17.42	18.9	0	
5	QPSK	1	12	17.32	17.46	17.35			
5	QPSK	1	24	17.39	17.30	17.37			
5	QPSK	12	0	17.35	17.43	17.38	18.9	0	
5	QPSK	12	7	17.36	17.34	17.35			
5	QPSK	12	13	17.38	17.29	17.33			
5	QPSK	25	0	17.31	17.44	17.38	18.9	0	
5	16QAM	1	0	17.37	17.34	17.36			
5	16QAM	1	12	17.25	17.33	17.28			
5	16QAM	1	24	17.34	17.30	17.25	18.9	0	
5	16QAM	12	0	17.22	17.31	17.25			
5	16QAM	12	7	17.20	17.23	17.38			
5	16QAM	12	13	17.18	17.31	17.18	18.9	0	
5	16QAM	25	0	17.21	17.28	17.32			
5	64QAM	1	0	17.41	17.35	17.36			
5	64QAM	1	12	17.28	17.33	17.26	18.9	0	
5	64QAM	1	24	17.25	17.21	17.17			
5	64QAM	12	0	17.28	17.40	17.20			
5	64QAM	12	7	17.16	17.24	17.21	18.9	0	
5	64QAM	12	13	17.19	17.32	17.25			
5	64QAM	25	0	17.30	17.28	17.33			
5	256QAM	1	0	17.32	17.32	17.35	18.9	0	
5	256QAM	1	12	17.18	17.28	17.42			
5	256QAM	1	24	17.29	17.26	17.32			
5	256QAM	12	0	17.23	17.27	17.29	18.9	0	
5	256QAM	12	7	17.17	17.27	17.38			
5	256QAM	12	13	17.31	17.28	17.27			
5	256QAM	25	0	17.30	17.27	17.31			

Band 42 Ant 6 ECI 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				42190	42590	42990	21.7	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	20.15	20.20	20.16	21.7	0	
20	QPSK	1	49	20.09	20.16	20.06			
20	QPSK	1	99	20.11	20.07	20.08			
20	QPSK	50	0	20.06	20.16	20.07			
20	QPSK	50	24	20.05	20.10	20.04	21.7	0	
20	QPSK	50	50	20.09	20.10	20.08			
20	QPSK	100	0	20.08	20.14	20.09			
20	16QAM	1	0	20.10	20.08	20.02			
20	16QAM	1	49	20.01	20.12	20.01	21.7	0	
20	16QAM	1	99	19.97	20.04	20.02			
20	16QAM	50	0	20.04	20.05	20.00			
20	16QAM	50	24	19.96	20.02	19.99			
20	16QAM	50	50	20.04	20.04	20.00	21.7	0	
20	16QAM	100	0	20.04	20.02	20.04			
20	64QAM	1	0	20.06	20.08	20.09			
20	64QAM	1	49	20.05	20.05	19.93			
20	64QAM	1	99	20.09	19.95	19.97	21	0.7	
20	64QAM	50	0	19.42	19.53	19.46			
20	64QAM	50	24	19.42	19.46	19.33			
20	64QAM	50	50	19.46	19.34	19.37			
20	64QAM	100	0	19.33	19.46	19.34	19	2.7	
20	256QAM	1	0	17.42	17.52	17.46			
20	256QAM	1	49	17.35	17.41	17.42			
20	256QAM	1	99	17.41	17.38	17.34			
20	256QAM	50	0	17.36	17.50	17.31	19	2.7	
20	256QAM	50	24	17.41	17.41	17.28			
20	256QAM	50	50	17.42	17.35	17.32			
20	256QAM	100	0	17.34	17.45	17.33			
Channel				42165	42590	43015	21.7	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	20.06	20.11	20.08	21.7	0	
15	QPSK	1	37	20.07	20.09	19.99			
15	QPSK	1	74	20.05	19.95	19.96			
15	QPSK	36	0	19.96	20.11	19.94			
15	QPSK	36	20	20.03	20.00	20.00	21.7	0	
15	QPSK	36	39	20.00	20.00	19.97			
15	QPSK	75	0	20.05	20.06	20.04			
15	16QAM	1	0	19.99	20.00	19.95			
15	16QAM	1	37	19.91	20.01	19.91	21.7	0	
15	16QAM	1	74	19.94	19.90	19.97			
15	16QAM	36	0	20.00	20.02	19.97			
15	16QAM	36	20	19.84	19.91	19.96			
15	16QAM	36	39	19.95	19.95	19.93	21.7	0	
15	16QAM	75	0	20.00	19.99	19.97			
15	64QAM	1	0	19.94	19.97	20.05			
15	64QAM	1	37	19.95	19.96	19.83			
15	64QAM	1	74	20.05	19.91	19.90	21	0.7	
15	64QAM	36	0	19.34	19.50	19.36			
15	64QAM	36	20	19.37	19.43	19.23			
15	64QAM	36	39	19.42	19.32	19.28			
15	64QAM	75	0	19.27	19.44	19.27	19	2.7	
15	256QAM	1	0	17.37	17.43	17.41			
15	256QAM	1	37	17.26	17.28	17.35			
15	256QAM	1	74	17.27	17.28	17.25			
15	256QAM	36	0	17.25	17.41	17.19	19	2.7	
15	256QAM	36	20	17.30	17.36	17.18			
15	256QAM	36	39	17.33	17.29	17.21			
15	256QAM	75	0	17.32	17.40	17.28			
Channel				42140	42590	43040	21.7	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	20.10	20.07	20.08	21.7	0	
10	QPSK	1	25	20.07	20.04	20.01			
10	QPSK	1	49	20.02	20.00	20.00			
10	QPSK	25	0	19.93	20.12	20.02			
10	QPSK	25	12	20.01	20.02	19.90	21.7	0	
10	QPSK	25	25	19.96	20.07	19.97			
10	QPSK	50	0	19.96	20.01	20.00			
10	16QAM	1	0	19.97	20.04	19.90			
10	16QAM	1	25	19.93	20.10	19.93	21.7	0	
10	16QAM	1	49	19.84	19.99	19.89			
10	16QAM	25	0	20.01	19.97	19.89			
10	16QAM	25	12	19.91	19.98	19.91			
10	16QAM	25	25	19.95	19.93	19.96	21.7	0	
10	16QAM	50	0	19.98	19.91	19.95			
10	64QAM	1	0	20.04	20.02	20.01			
10	64QAM	1	25	19.92	19.94	19.80			
10	64QAM	1	49	19.96	19.92	19.86	21	0.7	
10	64QAM	25	0	19.33	19.45	19.39			
10	64QAM	25	12	19.32	19.41	19.24			
10	64QAM	25	25	19.38	19.29	19.27			
10	64QAM	50	0	19.19	19.33	19.32	19	2.7	
10	256QAM	1	0	17.29	17.45	17.35			
10	256QAM	1	25	17.23	17.37	17.32			
10	256QAM	1	49	17.29	17.30	17.32			
10	256QAM	25	0	17.31	17.37	17.28	19	2.7	
10	256QAM	25	12	17.34	17.37	17.19			
10	256QAM	25	25	17.39	17.31	17.30			
10	256QAM	50	0	17.21	17.33	17.20			
Channel				42115	42590	43065	21.7	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	20.10	20.16	20.13	21.7	0	
5	QPSK	1	12	19.96	20.10	19.93			
5	QPSK	1	24	20.03	20.03	20.01			
5	QPSK	12	0	20.02	20.11	19.99			
5	QPSK	12	7	19.96	20.07	20.00	21.7	0	
5	QPSK	12	13	20.06	20.08	20.02			
5	QPSK	25	0	19.98	20.02	20.05			
5	16QAM	1	0	20.04	19.96	19.99			
5	16QAM	1	12	19.96	20.04	19.88	21.7	0	
5	16QAM	1	24	19.87	19.92	19.91			
5	16QAM	12	0	19.95	19.91	19.92			
5	16QAM	12	7	19.86	19.97	19.92			
5	16QAM	12	13	19.92	19.95	19.90	21.7	0	
5	16QAM	25	0	19.95	20.00	19.92			
5	64QAM	1	0	19.83	20.05	20.02			
5	64QAM	1	12	19.96	19.94	19.83			
5	64QAM	1	24	20.05	19.87	19.87	21	0.7	
5	64QAM	12	0	19.30	19.40	19.41			
5	64QAM	12	7	19.38	19.40	19.26			
5	64QAM	12	13	19.43	19.29	19.29			
5	64QAM	25	0	19.21	19.44	19.30	19	2.7	
5	256QAM	1	0	17.38	17.42	17.39			
5	256QAM	1	12	17.23	17.35	17.40			
5	256QAM	1	24	17.38	17.32	17.25			
5	256QAM	12	0	17.33	17.42	17.18	19	2.7	
5	256QAM	12	7	17.30	17.30	17.24			
5	256QAM	12	13	17.33	17.23	17.24			
5	256QAM	25	0	17.24	17.33	17.24			

Band 42 Ant 3 ECI 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				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	18.48	18.52	18.45	19.9	0	
20	QPSK	1	49	18.42	18.44	18.40			
20	QPSK	1	99	18.38	18.48	18.40			
20	QPSK	50	0	18.41	18.48	18.31	19.9	0	
20	QPSK	50	24	18.42	18.46	18.36			
20	QPSK	50	50	18.43	18.44	18.34			
20	QPSK	100	0	18.46	18.44	18.38	19.9	0	
20	16QAM	1	0	18.46	18.39	18.33			
20	16QAM	1	49	18.39	18.35	18.33			
20	16QAM	1	99	18.27	18.41	18.37	19.9	0	
20	16QAM	50	0	18.36	18.35	18.26			
20	16QAM	50	24	18.29	18.36	18.26			
20	16QAM	50	50	18.41	18.36	18.31	19.9	0	
20	16QAM	100	0	18.34	18.38	18.30			
20	64QAM	1	0	18.42	18.43	18.41			
20	64QAM	1	49	18.29	18.35	18.30	19.9	0	
20	64QAM	1	99	18.25	18.44	18.38			
20	64QAM	50	0	18.32	18.39	18.20			
20	64QAM	50	24	18.40	18.33	18.26	19.9	0	
20	64QAM	50	50	18.32	18.38	18.30			
20	64QAM	100	0	18.36	18.31	18.28			
20	256QAM	1	0	16.55	16.68	16.60	18	1.9	
20	256QAM	1	49	16.56	16.56	16.50			
20	256QAM	1	99	16.45	16.62	16.53			
20	256QAM	50	0	16.55	16.58	16.37	18	1.9	
20	256QAM	50	24	16.53	16.61	16.43			
20	256QAM	50	50	16.58	16.50	16.47			
20	256QAM	100	0	16.56	16.50	16.49			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	18.38	18.48	18.35	19.9	0	
15	QPSK	1	37	18.40	18.33	18.31			
15	QPSK	1	74	18.26	18.43	18.33			
15	QPSK	36	0	18.36	18.38	18.26	19.9	0	
15	QPSK	36	20	18.31	18.34	18.25			
15	QPSK	36	39	18.35	18.30	18.30			
15	QPSK	75	0	18.36	18.30	18.26	19.9	0	
15	16QAM	1	0	18.37	18.31	18.22			
15	16QAM	1	37	18.31	18.30	18.30			
15	16QAM	1	74	18.17	18.33	18.23	19.9	0	
15	16QAM	36	0	18.29	18.26	18.12			
15	16QAM	36	20	18.21	18.31	18.15			
15	16QAM	36	39	18.37	18.32	18.23	19.9	0	
15	16QAM	75	0	18.27	18.32	18.16			
15	64QAM	1	0	18.30	18.33	18.35			
15	64QAM	1	37	18.24	18.30	18.25	19.9	0	
15	64QAM	1	74	18.17	18.38	18.32			
15	64QAM	36	0	18.25	18.29	18.10			
15	64QAM	36	20	18.26	18.26	18.21	19.9	0	
15	64QAM	36	39	18.20	18.24	18.22			
15	64QAM	75	0	18.23	18.19	18.16			
15	256QAM	1	0	16.46	16.61	16.54	18	1.9	
15	256QAM	1	37	16.42	16.44	16.38			
15	256QAM	1	74	16.36	16.58	16.48			
15	256QAM	36	0	16.50	16.52	16.27	18	1.9	
15	256QAM	36	20	16.49	16.58	16.39			
15	256QAM	36	39	16.55	16.46	16.35			
15	256QAM	75	0	16.48	16.44	16.44			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	18.42	18.46	18.39	19.9	0	
10	QPSK	1	25	18.39	18.36	18.35			
10	QPSK	1	49	18.30	18.44	18.32			
10	QPSK	25	0	18.28	18.38	18.22	19.9	0	
10	QPSK	25	12	18.32	18.38	18.27			
10	QPSK	25	25	18.38	18.40	18.30			
10	QPSK	50	0	18.39	18.33	18.32	19.9	0	
10	16QAM	1	0	18.41	18.32	18.23			
10	16QAM	1	25	18.32	18.24	18.25			
10	16QAM	1	49	18.24	18.33	18.29	19.9	0	
10	16QAM	25	0	18.25	18.21	18.14			
10	16QAM	25	12	18.16	18.26	18.22			
10	16QAM	25	25	18.30	18.34	18.23	19.9	0	
10	16QAM	50	0	18.30	18.32	18.19			
10	64QAM	1	0	18.32	18.30	18.38			
10	64QAM	1	25	18.25	18.29	18.27	19.9	0	
10	64QAM	1	49	18.16	18.35	18.33			
10	64QAM	25	0	18.27	18.29	18.08			
10	64QAM	25	12	18.30	18.26	18.17	19.9	0	
10	64QAM	25	25	18.23	18.31	18.19			
10	64QAM	50	0	18.27	18.25	18.19			
10	256QAM	1	0	16.46	16.56	16.51	18	1.9	
10	256QAM	1	25	16.45	16.49	16.48			
10	256QAM	1	49	16.41	16.68	16.51			
10	256QAM	25	0	16.44	16.44	16.31	18	1.9	
10	256QAM	25	12	16.42	16.53	16.33			
10	256QAM	25	25	16.53	16.44	16.40			
10	256QAM	50	0	16.49	16.45	16.39			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	18.42	18.42	18.32	19.9	0	
5	QPSK	1	12	18.40	18.33	18.29			
5	QPSK	1	24	18.26	18.41	18.35			
5	QPSK	12	0	18.35	18.38	18.27	19.9	0	
5	QPSK	12	7	18.31	18.37	18.33			
5	QPSK	12	13	18.35	18.41	18.30			
5	QPSK	25	0	18.43	18.34	18.29	19.9	0	
5	16QAM	1	0	18.33	18.36	18.26			
5	16QAM	1	12	18.26	18.32	18.31			
5	16QAM	1	24	18.17	18.27	18.23	19.9	0	
5	16QAM	12	0	18.28	18.25	18.15			
5	16QAM	12	7	18.24	18.29	18.23			
5	16QAM	12	13	18.31	18.27	18.18	19.9	0	
5	16QAM	25	0	18.21	18.31	18.27			
5	64QAM	1	0	18.31	18.31	18.34			
5	64QAM	1	12	18.22	18.28	18.18	19.9	0	
5	64QAM	1	24	18.16	18.37	18.26			
5	64QAM	12	0	18.30	18.36	18.15			
5	64QAM	12	7	18.33	18.30	18.15	19.9	0	
5	64QAM	12	13	18.24	18.29	18.21			
5	64QAM	25	0	18.32	18.27	18.24			
5	256QAM	1	0	16.46	16.65	16.48	18	1.9	
5	256QAM	1	12	16.46	16.42	16.42			
5	256QAM	1	24	16.40	16.57	16.49			
5	256QAM	12	0	16.44	16.50	16.25	18	1.9	
5	256QAM	12	7	16.44	16.55	16.34			
5	256QAM	12	13	16.50	16.43	16.43			
5	256QAM	25	0	16.44	16.40	16.41			

Reduced Power Mode for ECI 6

GSM850 Ant 0 ECI 6				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				128	189	251		128	189	251		128	189	251		128	189	251	
Frequency (MHz)				824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots				28.17	28.26	28.23		29.00	25.17	25.26		25.23	25.23	25.23		25.00	25.00	25.00	

GSM1900 Ant 0 ECI 6				Burst Average Power (dBm)				Tune-up Limit (dBm)				Frame-Average Power (dBm)				Tune-up Limit (dBm)			
TX Channel				512	661	810		512	661	810		512	661	810		512	661	810	
Frequency (MHz)				1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots				24.32	24.35	24.23		25.00	21.32	21.35		21.23	21.23	21.23		22.00	22.00	22.00	

Band			WCDMA II Ant 0 ECI 6			WCDMA IV Ant 0 ECI 6			WCDMA V Ant 0 ECI 6				
Tx Channel	9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)	
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	21.55	21.64	21.52	23.00	21.40	21.46	21.42	23.00	24.28	24.30	24.25	25.00

Band 2 Ant 0 ECI 6									
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	22.08	22.15	22.10	23.4	0	

Band 4 Ant 0 ECI 6									
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	22.30	22.38	22.32	23.9	0	

Band 5 Ant 0 ECI 6									
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	22.88	22.98	22.96	24	0	

Band 7 Ant 0 ECI 6									
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	22.21	22.30	22.25	23.7	0	

Band 12 Ant 0 ECI 6									
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	23.01	23.04	23.00	24	0	

Band 38 Ant 0 ECI 6									
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	23.91	24.00	23.98	25	0	

Band 41 Ant 0 ECI 6										
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	24.29	24.34	24.35	24.32	23.98	25	0

Band 66 Ant 0 ECI 6									
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	22.38	22.45	22.41	23.9	0	

Band 26 Ant 0 ECI 6									
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	22.91	23.00	22.94	24	0	

Band 17 Ant 0 ECI 6									
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				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.00	23.02	22.98	24	0	

Band 41 HPUE Ant 0 ECI 6										
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	26.72	26.78	26.80	26.74	26.48	28	0

GSM850 Ant 1 ECI 6		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI 6			Tune-up Limit	WCDMA IV Ant 1 ECI 6			Tune-up Limit	WCDMA V Ant 1 ECI 6			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9562	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps		21.18	21.20	21.15	22.40	21.35	21.42	21.36	23.00	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 6

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	21.51	21.56	21.54	23	0

Band 4 Ant 1 ECI 6

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	21.82	21.89	21.85	23	0

Band 5 Ant 1 ECI 6

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	22.63	22.70	22.68	24	0

Band 7 Ant 1 ECI 6

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	22.58	22.69	22.60	23.8	0

Band 12 Ant 1 ECI 6

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	22.65	22.70	22.59	24	0

Band 38 Ant 1 ECI 6

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)				2690	2695	2610		
20	QPSK	1	0	22.65	22.78	22.70	25	0

Band 41 Ant 1 ECI 6

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	40188	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.12	23.10	23.25	23.20	23.12	25	0

Band 66 Ant 1 ECI 6

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	21.91	22.00	21.95	23	0

Band 26 Ant 1 ECI 6

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				26785	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69	24	0

Band 17 Ant 1 ECI 6

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56	24	0

Band 41 HPUE Ant 1 ECI 6

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	40188	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.62	25.59	25.75	25.67	25.59	27	0

GSM1900 Ant 2 ECI 6		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 4 Tx slots		25.18	25.26	25.15	26.00	22.18	22.26	22.15	23.00

Band		WCDMA II Ant 2 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI 6			Tune-up Limit (dBm)
TX Channel		9262	9400	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 Rel 99	RMIC 12.2Kbps	20.64	20.71	20.66	21.80	20.44	20.45	20.41	21.50

Band 2 Ant 2 ECI 6

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	18.79	18.62	18.75	20.2	0

Band 4 Ant 2 ECI 6

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	18.45	18.51	18.49	19.7	0

Band 7 Ant 2 ECI 6

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	20.08	20.16	20.10	21.2	0

Band 38 Ant 2 ECI 6

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	21.44	21.50	21.41	23	0

Band 41 Ant 2 ECI 6

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	21.49	21.58	21.60	21.55	21.51	23	0

Band 66 Ant 2 ECI 6

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	18.68	18.70	18.62	19.7	0

Band 41 HPUE Ant 2 ECI 6

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	23.90	23.88	23.92	23.84	23.81	24.6	0

Band		WCDMA II Ant 3 ECI 6			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.4	
3GPP Rel 99	RMC 12.2Kbps	19.58	19.65	19.60	20.70	20.01	20.05	19.98	21.00

0.00

Band 2 Ant 3 ECI 6

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)				1850	1880	1900		
20	QPSK	1	0	20.65	20.75	20.69	21.8	0

Band 4 Ant 3 ECI 6

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	19.13	19.20	19.16	20.6	0

Band 7 Ant 3 ECI 6

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	18.49	18.55	18.50	19.9	0

Band 38 Ant 3 ECI 6

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)				2550	2595	2610		
20	QPSK	1	0	20.34	20.38	20.22	22.2	0

Band 41 Ant 3 ECI 6

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	20.42	20.48	20.51	20.46	20.49	22.2	0

Band 66 Ant 3 ECI 6

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	19.28	19.31	19.25	20.6	0

Band 41 HPUE Ant 3 ECI 6

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	22.71	22.75	22.63	22.81	22.79	23.8	0

Band 42 Ant 4 ECI 6											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				42190	42590	42990					
Frequency (MHz)				3460	3500	3540					
20	QPSK	1	0	20.50	20.55	20.48	21.9	0			
20	QPSK	1	49	20.36	20.52	20.44					
20	QPSK	1	99	20.39	20.45	20.35					
20	QPSK	50	0	20.41	20.52	20.41	21.9	0			
20	QPSK	50	24	20.45	20.51	20.37					
20	QPSK	50	50	20.41	20.51	20.46					
20	QPSK	100	0	20.39	20.46	20.40	21.9	0			
20	16QAM	1	0	20.44	20.47	20.42					
20	16QAM	1	49	20.27	20.44	20.37					
20	16QAM	1	99	20.25	20.38	20.32	21.9	0			
20	16QAM	50	0	20.32	20.40	20.35					
20	16QAM	50	24	20.36	20.44	20.27					
20	16QAM	50	50	20.32	20.42	20.32	21.9	0			
20	16QAM	100	0	20.35	20.39	20.37					
20	64QAM	1	0	20.36	20.45	20.35					
20	64QAM	1	49	20.25	20.42	20.36	21.9	0			
20	64QAM	1	99	20.37	20.33	20.27					
20	64QAM	50	0	19.64	19.65	19.56					
20	64QAM	50	24	19.49	19.58	19.52	21	0.9			
20	64QAM	50	50	19.52	19.59	19.39					
20	64QAM	100	0	19.53	19.65	19.54					
20	256QAM	1	0	17.62	17.69	17.54	19	2.9			
20	256QAM	1	49	17.46	17.60	17.50					
20	256QAM	1	99	17.46	17.59	17.48					
20	256QAM	50	0	17.55	17.63	17.57	19	2.9			
20	256QAM	50	24	17.53	17.67	17.50					
20	256QAM	50	50	17.56	17.59	17.59					
20	256QAM	100	0	17.47	17.61	17.51					
Channel				42165	42590	43015					
Frequency (MHz)				3457.5	3500	3542.5					
15	QPSK	1	0	20.42	20.42	20.45	21.9	0			
15	QPSK	1	37	20.31	20.48	20.36					
15	QPSK	1	74	20.27	20.32	20.24					
15	QPSK	36	0	20.29	20.38	20.33	21.9	0			
15	QPSK	36	20	20.31	20.39	20.23					
15	QPSK	36	39	20.32	20.46	20.37					
15	QPSK	75	0	20.32	20.39	20.31	21.9	0			
15	16QAM	1	0	20.37	20.33	20.32					
15	16QAM	1	37	20.12	20.33	20.34					
15	16QAM	1	74	20.14	20.27	20.22	21.9	0			
15	16QAM	36	0	20.25	20.36	20.21					
15	16QAM	36	20	20.26	20.40	20.13					
15	16QAM	36	39	20.29	20.31	20.19	21.9	0			
15	16QAM	75	0	20.26	20.34	20.30					
15	64QAM	1	0	20.22	20.41	20.32					
15	64QAM	1	37	20.14	20.32	20.27	21	0.9			
15	64QAM	1	74	20.25	20.24	20.15					
15	64QAM	36	0	19.61	19.55	19.53					
15	64QAM	36	20	19.41	19.46	19.43	19	2.9			
15	64QAM	36	39	19.48	19.52	19.30					
15	64QAM	75	0	19.46	19.55	19.44					
15	256QAM	1	0	17.56	17.64	17.45	19	2.9			
15	256QAM	1	37	17.34	17.56	17.39					
15	256QAM	1	74	17.41	17.45	17.37					
15	256QAM	36	0	17.52	17.49	17.45	19	2.9			
15	256QAM	36	20	17.42	17.64	17.39					
15	256QAM	36	39	17.41	17.47	17.50					
15	256QAM	75	0	17.38	17.55	17.39					
Channel				42140	42590	43040					
Frequency (MHz)				3455	3500	3545					
10	QPSK	1	0	20.45	20.51	20.41	21.9	0			
10	QPSK	1	25	20.26	20.41	20.36					
10	QPSK	1	49	20.27	20.35	20.23					
10	QPSK	25	0	20.30	20.38	20.28	21.9	0			
10	QPSK	25	12	20.36	20.42	20.33					
10	QPSK	25	25	20.35	20.47	20.38					
10	QPSK	50	0	20.33	20.34	20.27	21.9	0			
10	16QAM	1	0	20.38	20.33	20.36					
10	16QAM	1	25	20.24	20.36	20.27					
10	16QAM	1	49	20.18	20.24	20.17	21.9	0			
10	16QAM	25	0	20.27	20.35	20.27					
10	16QAM	25	12	20.29	20.31	20.15					
10	16QAM	25	25	20.18	20.37	20.22	21.9	0			
10	16QAM	50	0	20.22	20.36	20.24					
10	64QAM	1	0	20.28	20.36	20.30					
10	64QAM	1	25	20.15	20.36	20.30	21	0.9			
10	64QAM	1	49	20.25	20.22	20.18					
10	64QAM	25	0	19.58	19.52	19.49					
10	64QAM	25	12	19.42	19.47	19.43	19	2.9			
10	64QAM	25	25	19.45	19.49	19.32					
10	64QAM	50	0	19.41	19.60	19.43					
10	256QAM	1	0	17.49	17.60	17.50	19	2.9			
10	256QAM	1	25	17.43	17.49	17.37					
10	256QAM	1	49	17.41	17.47	17.38					
10	256QAM	25	0	17.50	17.59	17.50	19	2.9			
10	256QAM	25	12	17.46	17.60	17.35					
10	256QAM	25	25	17.43	17.50	17.51					
10	256QAM	50	0	17.41	17.55	17.45					
Channel				42115	42590	43065					
Frequency (MHz)				3452.5	3500	3547.5					
5	QPSK	1	0	20.44	20.43	20.36	21.9	0			
5	QPSK	1	12	20.33	20.45	20.36					
5	QPSK	1	24	20.36	20.38	20.22					
5	QPSK	12	0	20.26	20.39	20.37	21.9	0			
5	QPSK	12	7	20.36	20.42	20.23					
5	QPSK	12	13	20.36	20.39	20.31					
5	QPSK	25	0	20.30	20.33	20.27	21.9	0			
5	16QAM	1	0	20.41	20.39	20.37					
5	16QAM	1	12	20.20	20.32	20.29					
5	16QAM	1	24	20.12	20.27	20.29	21.9	0			
5	16QAM	12	0	20.26	20.31	20.30					
5	16QAM	12	7	20.24	20.33	20.22					
5	16QAM	12	13	20.20	20.28	20.19	21.9	0			
5	16QAM	25	0	20.25	20.27	20.25					
5	64QAM	1	0	20.24	20.40	20.24					
5	64QAM	1	12	20.18	20.27	20.33	21	0.9			
5	64QAM	1	24	20.34	20.23	20.19					
5	64QAM	12	0	19.58	19.54	19.46					
5	64QAM	12	7	19.35	19.45	19.44	19	2.9			
5	64QAM	12	13	19.44	19.50	19.25					
5	64QAM	25	0	19.46	19.56	19.49					
5	256QAM	1	0	17.50	17.66	17.40	19	2.9			
5	256QAM	1	12	17.41	17.56	17.39					
5	256QAM	1	24	17.33	17.44	17.43					
5	256QAM	12	0	17.43	17.58	17.43	19	2.9			
5	256QAM	12	7	17.40	17.57	17.37					
5	256QAM	12	13	17.45	17.45	17.49					
5	256QAM	25	0	17.34	17.55	17.41					

Band 42 Ant 3 ECI 6									
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	18.7	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.66	17.70	17.62	18.7	0	
20	QPSK	1	49	17.58	17.64	17.53			
20	QPSK	1	99	17.55	17.62	17.53			
20	QPSK	50	0	17.62	17.64	17.51			
20	QPSK	50	24	17.53	17.59	17.56	18.7	0	
20	QPSK	50	50	17.56	17.60	17.49			
20	QPSK	100	0	17.61	17.62	17.58			
20	16QAM	1	0	17.57	17.61	17.53			
20	16QAM	1	49	17.52	17.56	17.40	18.7	0	
20	16QAM	1	99	17.45	17.49	17.45			
20	16QAM	50	0	17.56	17.51	17.39			
20	16QAM	50	24	17.44	17.54	17.47			
20	16QAM	50	50	17.50	17.56	17.34	18.7	0	
20	16QAM	100	0	17.52	17.56	17.50			
20	64QAM	1	0	17.52	17.57	17.47			
20	64QAM	1	49	17.50	17.59	17.41			
20	64QAM	1	99	17.50	17.52	17.43	18.7	0	
20	64QAM	50	0	17.58	17.58	17.41			
20	64QAM	50	24	17.40	17.55	17.51			
20	64QAM	50	50	17.41	17.52	17.39			
20	256QAM	1	0	17.58	17.57	17.47	18.7	0	
20	256QAM	1	49	17.54	17.53	17.42			
20	256QAM	1	99	17.51	17.54	17.44			
20	256QAM	50	0	17.55	17.53	17.46			
20	256QAM	50	24	17.47	17.51	17.43	18.7	0	
20	256QAM	50	50	17.45	17.53	17.37			
20	256QAM	100	0	17.57	17.54	17.50			
Channel				42165	42590	43015	18.7	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.59	17.60	17.56	18.7	0	
15	QPSK	1	37	17.54	17.52	17.40			
15	QPSK	1	74	17.46	17.58	17.40			
15	QPSK	36	0	17.49	17.53	17.46			
15	QPSK	36	20	17.46	17.51	17.50	18.7	0	
15	QPSK	36	39	17.43	17.52	17.40			
15	QPSK	75	0	17.46	17.54	17.51			
15	16QAM	1	0	17.53	17.47	17.46			
15	16QAM	1	37	17.41	17.49	17.32	18.7	0	
15	16QAM	1	74	17.36	17.38	17.32			
15	16QAM	36	0	17.42	17.43	17.28			
15	16QAM	36	20	17.36	17.47	17.36			
15	16QAM	36	39	17.39	17.51	17.19	18.7	0	
15	16QAM	75	0	17.48	17.52	17.41			
15	64QAM	1	0	17.44	17.49	17.38			
15	64QAM	1	37	17.36	17.48	17.37			
15	64QAM	1	74	17.46	17.38	17.31	18.7	0	
15	64QAM	36	0	17.46	17.44	17.30			
15	64QAM	36	20	17.35	17.48	17.39			
15	64QAM	36	39	17.28	17.42	17.25			
15	64QAM	75	0	17.34	17.53	17.44	18.7	0	
15	256QAM	1	0	17.47	17.53	17.37			
15	256QAM	1	37	17.41	17.40	17.27			
15	256QAM	1	74	17.38	17.51	17.31			
15	256QAM	36	0	17.52	17.38	17.33	18.7	0	
15	256QAM	36	20	17.34	17.36	17.25			
15	256QAM	36	39	17.39	17.42	17.27			
15	256QAM	75	0	17.49	17.47	17.47			
Channel				42140	42590	43040	18.7	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.60	17.58	17.47	18.7	0	
10	QPSK	1	25	17.52	17.52	17.48			
10	QPSK	1	49	17.43	17.50	17.50			
10	QPSK	25	0	17.50	17.53	17.46			
10	QPSK	25	12	17.42	17.56	17.52	18.7	0	
10	QPSK	25	25	17.52	17.45	17.38			
10	QPSK	50	0	17.53	17.59	17.51			
10	16QAM	1	0	17.43	17.51	17.42			
10	16QAM	1	25	17.48	17.49	17.28	18.7	0	
10	16QAM	1	49	17.42	17.46	17.42			
10	16QAM	25	0	17.48	17.46	17.35			
10	16QAM	25	12	17.31	17.45	17.41			
10	16QAM	25	25	17.45	17.50	17.23	18.7	0	
10	16QAM	50	0	17.41	17.50	17.38			
10	64QAM	1	0	17.43	17.49	17.36			
10	64QAM	1	25	17.42	17.56	17.31			
10	64QAM	1	49	17.44	17.44	17.36	18.7	0	
10	64QAM	25	0	17.44	17.48	17.36			
10	64QAM	25	12	17.28	17.49	17.38			
10	64QAM	25	25	17.37	17.46	17.26			
10	64QAM	50	0	17.35	17.50	17.50	18.7	0	
10	256QAM	1	0	17.52	17.43	17.41			
10	256QAM	1	25	17.42	17.44	17.32			
10	256QAM	1	49	17.37	17.44	17.36			
10	256QAM	25	0	17.42	17.48	17.36	18.7	0	
10	256QAM	25	12	17.36	17.39	17.32			
10	256QAM	25	25	17.41	17.50	17.25			
10	256QAM	50	0	17.46	17.47	17.41			
Channel				42115	42590	43065	18.7	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.59	17.65	17.56	18.7	0	
5	QPSK	1	12	17.49	17.50	17.39			
5	QPSK	1	24	17.48	17.51	17.47			
5	QPSK	12	0	17.48	17.60	17.46			
5	QPSK	12	7	17.42	17.52	17.43	18.7	0	
5	QPSK	12	13	17.49	17.47	17.42			
5	QPSK	25	0	17.51	17.50	17.49			
5	16QAM	1	0	17.49	17.55	17.50			
5	16QAM	1	12	17.46	17.53	17.30	18.7	0	
5	16QAM	1	24	17.37	17.45	17.40			
5	16QAM	12	0	17.48	17.37	17.36			
5	16QAM	12	7	17.30	17.49	17.37			
5	16QAM	12	13	17.43	17.53	17.27	18.7	0	
5	16QAM	25	0	17.45	17.42	17.45			
5	64QAM	1	0	17.48	17.43	17.39			
5	64QAM	1	12	17.40	17.49	17.31			
5	64QAM	1	24	17.46	17.41	17.30	18.7	0	
5	64QAM	12	0	17.49	17.44	17.38			
5	64QAM	12	7	17.34	17.44	17.39			
5	64QAM	12	13	17.34	17.47	17.25			
5	64QAM	25	0	17.32	17.50	17.43	18.7	0	
5	256QAM	1	0	17.48	17.48	17.34			
5	256QAM	1	12	17.40	17.45	17.29			
5	256QAM	1	24	17.42	17.49	17.39			
5	256QAM	12	0	17.52	17.42	17.38	18.7	0	
5	256QAM	12	7	17.36	17.41	17.32			
5	256QAM	12	13	17.31	17.48	17.26			
5	256QAM	25	0	17.49	17.50	17.40			

Band 42 Ant 6 ECI 6											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				42190	42590	42990					
Frequency (MHz)				3460	3500	3540					
20	QPSK	1	0	22.57	22.63	22.52	24	0			
20	QPSK	1	49	22.49	22.61	22.43					
20	QPSK	1	99	22.44	22.58	22.39					
20	QPSK	50	0	21.52	21.67	21.48	23	1			
20	QPSK	50	24	21.50	21.62	21.47					
20	QPSK	50	50	21.48	21.63	21.42					
20	QPSK	100	0	21.61	21.84	21.54	23	1			
20	16QAM	1	0	21.48	21.55	21.38					
20	16QAM	1	49	21.40	21.60	21.44					
20	16QAM	1	99	21.41	21.52	21.30	22	2			
20	16QAM	50	0	20.58	20.71	20.42					
20	16QAM	50	24	20.47	20.68	20.49					
20	16QAM	50	50	20.48	20.66	20.41	22	2			
20	16QAM	100	0	20.59	20.68	20.54					
20	64QAM	1	0	20.47	20.54	20.37					
20	64QAM	1	49	20.42	20.57	20.41	21	3			
20	64QAM	1	99	20.37	20.47	20.34					
20	64QAM	50	0	19.46	19.66	19.42					
20	64QAM	50	24	19.53	19.64	19.49	19	5			
20	64QAM	50	50	19.47	19.68	19.41					
20	64QAM	100	0	19.55	19.67	19.56					
20	256QAM	1	0	17.55	17.68	17.50	19	5			
20	256QAM	1	49	17.51	17.67	17.51					
20	256QAM	1	99	17.53	17.63	17.46					
20	256QAM	50	0	17.59	17.70	17.59	19	5			
20	256QAM	50	24	17.53	17.51	17.37					
20	256QAM	50	50	17.43	17.64	17.38					
20	256QAM	100	0	17.43	17.53	17.24					
Channel				42165	42590	43015					
Frequency (MHz)				3457.5	3500	3542.5					
15	QPSK	1	0	22.55	22.59	22.39	24	0			
15	QPSK	1	37	22.43	22.52	22.37					
15	QPSK	1	74	22.33	22.48	22.28					
15	QPSK	36	0	21.43	21.63	21.40	23	1			
15	QPSK	36	20	21.36	21.50	21.45					
15	QPSK	36	39	21.45	21.53	21.35					
15	QPSK	75	0	21.52	21.61	21.41	23	1			
15	16QAM	1	0	21.39	21.42	21.30					
15	16QAM	1	37	21.29	21.55	21.37					
15	16QAM	1	74	21.38	21.48	21.24	22	2			
15	16QAM	36	0	20.55	20.64	20.40					
15	16QAM	36	20	20.42	20.57	20.47					
15	16QAM	36	39	20.42	20.63	20.34	22	2			
15	16QAM	75	0	20.55	20.60	20.45					
15	64QAM	1	0	20.36	20.43	20.29					
15	64QAM	1	37	20.35	20.52	20.27	21	3			
15	64QAM	1	74	20.23	20.39	20.25					
15	64QAM	36	0	19.35	19.64	19.31					
15	64QAM	36	20	19.48	19.58	19.36	19	5			
15	64QAM	36	39	19.44	19.62	19.36					
15	64QAM	75	0	19.46	19.59	19.47					
15	256QAM	1	0	17.53	17.59	17.44	19	5			
15	256QAM	1	37	17.45	17.58	17.46					
15	256QAM	1	74	17.50	17.57	17.33					
15	256QAM	36	0	17.55	17.67	17.52	19	5			
15	256QAM	36	20	17.45	17.43	17.30					
15	256QAM	36	39	17.29	17.51	17.32					
15	256QAM	75	0	17.33	17.40	17.17					
Channel				42140	42590	43040					
Frequency (MHz)				3455	3500	3545					
10	QPSK	1	0	22.51	22.50	22.50	24	0			
10	QPSK	1	25	22.36	22.48	22.30					
10	QPSK	1	49	22.40	22.51	22.34					
10	QPSK	25	0	21.50	21.61	21.35	23	1			
10	QPSK	25	12	21.40	21.58	21.39					
10	QPSK	25	25	21.35	21.57	21.29					
10	QPSK	50	0	21.55	21.59	21.47	23	1			
10	16QAM	1	0	21.37	21.47	21.29					
10	16QAM	1	25	21.32	21.50	21.34					
10	16QAM	1	49	21.35	21.44	21.21	22	2			
10	16QAM	25	0	20.51	20.61	20.37					
10	16QAM	25	12	20.39	20.55	20.40					
10	16QAM	25	25	20.35	20.64	20.33	22	2			
10	16QAM	50	0	20.52	20.60	20.45					
10	64QAM	1	0	20.38	20.48	20.25					
10	64QAM	1	25	20.34	20.50	20.34	21	3			
10	64QAM	1	49	20.24	20.38	20.25					
10	64QAM	25	0	19.33	19.63	19.30					
10	64QAM	25	12	19.39	19.59	19.36	19	5			
10	64QAM	25	25	19.35	19.54	19.32					
10	64QAM	50	0	19.50	19.63	19.47					
10	256QAM	1	0	17.45	17.62	17.42	19	5			
10	256QAM	1	25	17.41	17.62	17.48					
10	256QAM	1	49	17.43	17.55	17.42					
10	256QAM	25	0	17.55	17.58	17.54	19	5			
10	256QAM	25	12	17.46	17.44	17.30					
10	256QAM	25	25	17.35	17.50	17.28					
10	256QAM	50	0	17.32	17.48	17.15					
Channel				42115	42590	43065					
Frequency (MHz)				3452.5	3500	3547.5					
5	QPSK	1	0	22.54	22.57	22.46	24	0			
5	QPSK	1	12	22.36	22.55	22.34					
5	QPSK	1	24	22.37	22.53	22.29					
5	QPSK	12	0	21.41	21.63	21.46	23	1			
5	QPSK	12	7	21.40	21.49	21.34					
5	QPSK	12	13	21.42	21.53	21.38					
5	QPSK	25	0	21.50	21.55	21.47	23	1			
5	16QAM	1	0	21.41	21.46	21.29					
5	16QAM	1	12	21.28	21.49	21.37					
5	16QAM	1	24	21.34	21.46	21.21	22	2			
5	16QAM	12	0	20.44	20.65	20.33					
5	16QAM	12	7	20.40	20.64	20.39					
5	16QAM	12	13	20.35	20.59	20.32	22	2			
5	16QAM	25	0	20.55	20.65	20.50					
5	64QAM	1	0	20.42	20.43	20.27					
5	64QAM	1	12	20.32	20.52	20.35	21	3			
5	64QAM	1	24	20.26	20.41	20.27					
5	64QAM	12	0	19.35	19.57	19.28					
5	64QAM	12	7	19.45	19.54	19.42	19	5			
5	64QAM	12	13	19.38	19.62	19.33					
5	64QAM	25	0	19.48	19.55	19.43					
5	256QAM	1	0	17.46	17.55	17.47	19	5			
5	256QAM	1	12	17.40	17.61	17.42					
5	256QAM	1	24	17.40	17.56	17.42					
5	256QAM	12	0	17.54	17.64	17.54	19	5			
5	256QAM	12	7	17.46	17.43	17.30					
5	256QAM	12	13	17.39	17.61	17.29					
5	256QAM	25	0	17.29	17.47	17.16					

Band 42 Ant 8 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	23.95	24.06	23.87	25	0	
20	QPSK	1	49	23.86	24.01	23.77			
20	QPSK	1	99	23.84	23.95	23.78			
20	QPSK	50	0	23.01	23.08	22.82	24	1	
20	QPSK	50	24	22.89	23.04	22.80			
20	QPSK	50	50	22.90	22.96	22.73			
20	QPSK	100	0	22.86	23.03	22.91	24	1	
20	16QAM	1	0	22.87	22.95	22.74			
20	16QAM	1	49	22.87	22.96	22.74			
20	16QAM	1	99	22.79	22.93	22.70	23	2	
20	16QAM	50	0	21.97	22.04	21.81			
20	16QAM	50	24	21.87	22.03	21.74			
20	16QAM	50	50	21.86	22.00	21.76	23	2	
20	16QAM	100	0	22.01	22.06	21.87			
20	64QAM	1	0	21.92	21.92	21.71			
20	64QAM	1	49	21.88	21.97	21.73	23	2	
20	64QAM	1	99	21.81	21.96	21.74			
20	64QAM	50	0	20.99	21.10	20.81			
20	64QAM	50	24	20.92	21.06	20.81	22	3	
20	64QAM	50	50	20.94	20.96	20.75			
20	64QAM	100	0	20.98	21.04	20.86			
20	256QAM	1	0	19.04	19.06	18.84	20	5	
20	256QAM	1	49	18.95	19.09	18.84			
20	256QAM	1	99	18.88	18.92	18.70			
20	256QAM	50	0	18.97	19.04	18.91	20	5	
20	256QAM	50	24	18.88	18.89	18.76			
20	256QAM	50	50	18.82	19.02	18.79			
20	256QAM	100	0	18.76	18.94	18.67			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.89	24.03	23.78	25	0	
15	QPSK	1	37	23.79	23.88	23.66			
15	QPSK	1	74	23.81	23.91	23.73			
15	QPSK	36	0	22.88	23.04	22.75	24	1	
15	QPSK	36	20	22.77	23.01	22.75			
15	QPSK	36	39	22.86	22.93	22.68			
15	QPSK	75	0	22.88	22.98	22.85	24	1	
15	16QAM	1	0	22.73	22.81	22.67			
15	16QAM	1	37	22.77	22.93	22.71			
15	16QAM	1	74	22.69	22.86	22.62	23	2	
15	16QAM	36	0	21.90	21.91	21.71			
15	16QAM	36	20	21.75	21.89	21.60			
15	16QAM	36	39	21.83	21.93	21.67	23	2	
15	16QAM	75	0	21.90	21.93	21.82			
15	64QAM	1	0	21.81	21.84	21.58			
15	64QAM	1	37	21.79	21.94	21.62	23	2	
15	64QAM	1	74	21.77	21.88	21.67			
15	64QAM	36	0	20.90	21.00	20.71			
15	64QAM	36	20	20.81	20.96	20.72	22	3	
15	64QAM	36	39	20.92	20.88	20.63			
15	64QAM	75	0	20.91	20.91	20.78			
15	256QAM	1	0	18.99	18.95	18.78	20	5	
15	256QAM	1	37	18.81	19.06	18.71			
15	256QAM	1	74	18.84	18.80	18.59			
15	256QAM	36	0	18.83	18.98	18.85	20	5	
15	256QAM	36	20	18.79	18.83	18.70			
15	256QAM	36	39	18.77	18.92	18.68			
15	256QAM	75	0	18.68	18.89	18.58			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.91	24.03	23.81	25	0	
10	QPSK	1	25	23.74	23.98	23.75			
10	QPSK	1	49	23.72	23.85	23.73			
10	QPSK	25	0	22.94	23.03	22.78	24	1	
10	QPSK	25	12	22.75	22.96	22.69			
10	QPSK	25	25	22.82	22.94	22.61			
10	QPSK	50	0	22.90	22.95	22.86	24	1	
10	16QAM	1	0	22.73	22.92	22.63			
10	16QAM	1	25	22.80	22.86	22.60			
10	16QAM	1	49	22.74	22.84	22.60	23	2	
10	16QAM	25	0	21.85	21.98	21.74			
10	16QAM	25	12	21.83	21.96	21.71			
10	16QAM	25	25	21.82	21.88	21.67	23	2	
10	16QAM	50	0	21.94	22.00	21.73			
10	64QAM	1	0	21.88	21.80	21.62			
10	64QAM	1	25	21.75	21.87	21.67	22	3	
10	64QAM	1	49	21.69	21.85	21.61			
10	64QAM	25	0	20.85	20.96	20.74			
10	64QAM	25	12	20.88	20.99	20.73	22	3	
10	64QAM	25	25	20.87	20.94	20.64			
10	64QAM	50	0	20.95	20.94	20.79			
10	256QAM	1	0	18.90	19.03	18.80	20	5	
10	256QAM	1	25	18.84	19.02	18.72			
10	256QAM	1	49	18.76	18.81	18.65			
10	256QAM	25	0	18.86	18.99	18.85	20	5	
10	256QAM	25	12	18.83	18.79	18.66			
10	256QAM	25	25	18.74	18.98	18.69			
10	256QAM	50	0	18.66	18.82	18.61			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.88	24.00	23.81	25	0	
5	QPSK	1	12	23.79	23.93	23.71			
5	QPSK	1	24	23.76	23.83	23.74			
5	QPSK	12	0	22.98	22.94	22.73	24	1	
5	QPSK	12	7	22.79	22.94	22.70			
5	QPSK	12	13	22.82	22.90	22.62			
5	QPSK	25	0	22.91	23.00	22.84	24	1	
5	16QAM	1	0	22.75	22.85	22.62			
5	16QAM	1	12	22.80	22.92	22.68			
5	16QAM	1	24	22.76	22.89	22.61	23	2	
5	16QAM	12	0	21.88	21.94	21.79			
5	16QAM	12	7	21.76	21.93	21.58			
5	16QAM	12	13	21.73	21.96	21.70	23	2	
5	16QAM	25	0	21.88	21.99	21.75			
5	64QAM	1	0	21.87	21.79	21.62			
5	64QAM	1	12	21.75	21.89	21.65	22	3	
5	64QAM	1	24	21.68	21.84	21.65			
5	64QAM	12	0	20.91	21.03	20.68			
5	64QAM	12	7	20.81	21.03	20.72	22	3	
5	64QAM	12	13	20.80	20.84	20.62			
5	64QAM	25	0	20.91	20.94	20.80			
5	256QAM	1	0	18.92	19.02	18.74	20	5	
5	256QAM	1	12	18.89	19.07	18.74			
5	256QAM	1	24	18.84	18.88	18.57			
5	256QAM	12	0	18.91	18.98	18.86	20	5	
5	256QAM	12	7	18.84	18.85	18.67			
5	256QAM	12	13	18.78	18.89	18.73			
5	256QAM	25	0	18.71	18.91	18.58			

Reduced Power Mode for ECI 9

GSM850 Ant 0 ECI9		Burst Average Power (dBm)			Tune-up Limit (dBm)			Frame-Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel		128	189	251	128	189	251	128	189	251	128	189
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GPRS 4 Tx slots		28.17	28.26	28.23	29.00	25.17	25.26	25.23	25.23	25.00	25.00	25.00

GSM1900 Ant 0 ECI9		Burst Average Power (dBm)			Tune-up Limit (dBm)			Frame-Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel		512	661	810	512	661	810	512	661	810	512	661
Frequency (MHz)		1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GPRS 4 Tx slots		23.06	23.10	22.98	24.10	20.06	20.10	19.98	21.10	21.10	21.10	21.10

Band		WCDMA II Ant 0 ECI9			Tune-up Limit (dBm)			WCDMA IV Ant 0 ECI9			Tune-up Limit (dBm)			WCDMA V Ant 0 ECI9			Tune-up Limit (dBm)	
TX Channel		9262	9400	9538	9262	9400	9538	1312	1413	1513	4132	4182	4233	4132	4182	4233	4132	4182
Rx Channel		9662	9800	9938	9662	9800	9938	1537	1638	1738	4357	4407	4458	4357	4407	4458	4357	4407
Frequency (MHz)		1852.4	1880	1907.6	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6	826.4	836.4	846.6	826.4	836.4
3GPP Rel 99	RMC 12.2Kbps	15.86	15.92	15.78	17.00	18.64	18.77	18.69	19.70	24.28	24.30	24.25	25.00	24.28	24.30	24.25	25.00	25.00

Band 2 Ant 0 ECI 9									
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	18.71	18.75	18.69	20.1	0	

Band 4 Ant 0 ECI9									
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	21.42	21.43	21.30	22.5	0	

Band 5 Ant 0 ECI9									
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	22.88	22.98	22.96	24	0	

Band 7 Ant 0 ECI9									
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	20.06	20.39	20.32	21.8	0	

Band 12 Ant 0 ECI9									
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	23.01	23.04	23.00	24	0	

Band 38 Ant 0 ECI9									
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	21.63	21.75	21.68	22.6	0	

Band 41 Ant 0 ECI9									
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	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	21.70	21.78	21.80	21.74	21.47	22.6

Band 66 Ant 0 ECI9									
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	21.32	21.47	21.40	22.5	0	

Band 26 Ant 0 ECI9									
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	22.91	23.00	22.94	24	0	

Band 17 Ant 0 ECI9									
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				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.00	23.02	22.98	24	0	

Band 41 HPUE Ant 0 ECI9									
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	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.97	22.94	23.00	22.95	22.91	24.2

GSM850 Ant 1 ECI9		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251	Limit	128	189	251	Limit
Frequency (MHz)		824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)
GPSS 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI9			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	Limit	1312	1413	1513	Limit	4132	4182	4233	Limit
Rx Channel		9562	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1652.4	1680	1697.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	17.12	17.22	17.15	18.30	18.00	18.03	18.02	19.10	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 9

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	19.5	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.18	18.25	18.22		

Band 4 Ant 1 ECI9

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	19.8	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.58	18.73	18.67		

Band 5 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.63	22.70	22.68		

Band 7 Ant 1 ECI9

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	21.5	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.21	20.34	20.24		

Band 12 Ant 1 ECI9

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	24	0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.65	22.70	22.59		

Band 38 Ant 1 ECI9

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	20.9	0
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	19.38	19.46	19.44		

Band 41 Ant 1 ECI9

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	20.9	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.86	19.88	19.97	19.92	19.84		

Band 66 Ant 1 ECI9

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	19.8	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.64	18.80	18.75		

Band 26 Ant 1 ECI9

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				26785	26865	26965	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69		

Band 17 Ant 1 ECI9

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				23780	23790	23800	24	0
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56		

Band 41 HPUE Ant 1 ECI9

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	22.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.07	21.10	21.15	21.08	21.13		

GSM1900 Ant 2 ECI9		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 4 Tx slots		16.70	16.62	16.65	17.50	13.70	13.62	13.68	14.50

Band		WCDMA II Ant 2 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI9			Tune-up Limit (dBm)
Channel		9262	9400	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 Rel 99	RMSC 12.2kbps	13.45	13.66	13.49	14.90	13.38	13.46	13.41	14.50

Band 2 Ant 2 ECI 9

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	11.82	11.69	11.65	13.1	0

Band 4 Ant 2 ECI9

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	9.99	10.12	10.10	11.3	0

Band 7 Ant 2 ECI9

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	13.52	13.61	13.43	15	0

Band 38 Ant 2 ECI9

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	16.50	16.66	16.53	17.3	0

Band 41 Ant 2 ECI9

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	16.63	16.61	16.77	16.69	16.59	17.3	0

Band 66 Ant 2 ECI9

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	9.92	10.21	10.20	11.3	0

Band 41 HPUE Ant 2 ECI9

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	17.92	17.95	17.98	17.90	17.68	18.9	0

Band		WCDMA II Ant 3 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1557	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.4	
3GPP Rel 99	RMC 12.2Kbps	16.02	16.11	16.07	17.30	14.64	14.65	14.58	15.90

0.00

Band 2 Ant 3 ECI 9

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				16700	18900	19100		
Frequency (MHz)				1850	1880	1900		
20	QPSK	1	0	16.92	16.99	16.95	18.1	0

Band 4 Ant 3 ECI9

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	17.04	17.20	17.17	18.3	0

Band 7 Ant 3 ECI9

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	13.62	13.77	13.74	15.2	0

Band 38 Ant 3 ECI9

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)				2550	2595	2610		
20	QPSK	1	0	15.38	15.50	15.42	16.9	0

Band 41 Ant 3 ECI9

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	15.98	15.94	16.02	15.99	15.86	16.9	0

Band 66 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.14	17.26	17.17	18.3	0

Band 41 HPUE Ant 3 ECI9

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	17.22	17.17	17.25	17.20	17.19	18.5	0

Band 42 Ant 4 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	13.01	13.08	13.06	14.2	0	
20	QPSK	1	49	12.90	12.94	12.95			
20	QPSK	1	99	12.87	12.89	12.92			
20	QPSK	50	0	12.99	13.06	13.04	14.2	0	
20	QPSK	50	24	12.89	13.01	12.94			
20	QPSK	50	50	12.92	12.88	12.86			
20	QPSK	100	0	12.99	13.03	13.01	14.2	0	
20	16QAM	1	0	12.81	12.95	12.96			
20	16QAM	1	49	12.83	12.90	12.88			
20	16QAM	1	99	12.83	12.75	12.86	14.2	0	
20	16QAM	50	0	12.99	13.04	12.90			
20	16QAM	50	24	12.86	13.00	13.00			
20	16QAM	50	50	12.93	12.85	12.94	14.2	0	
20	16QAM	100	0	12.94	12.99	12.94			
20	64QAM	1	0	12.85	13.01	12.92			
20	64QAM	1	49	12.87	13.04	12.84	14.2	0	
20	64QAM	1	99	12.89	12.72	12.83			
20	64QAM	50	0	13.04	13.02	12.99			
20	64QAM	50	24	12.97	12.97	13.01	14.2	0	
20	64QAM	50	50	13.02	12.95	12.88			
20	64QAM	100	0	13.00	13.03	12.93			
20	256QAM	1	0	12.99	13.03	13.00	14.2	0	
20	256QAM	1	49	13.02	13.00	12.88			
20	256QAM	1	99	12.96	12.95	12.86			
20	256QAM	50	0	12.97	13.05	13.01	14.2	0	
20	256QAM	50	24	12.94	13.06	13.04			
20	256QAM	50	50	12.80	12.99	12.88			
20	256QAM	100	0	12.91	12.76	12.94			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	12.99	13.05	12.98	14.2	0	
15	QPSK	1	37	12.80	12.89	12.89			
15	QPSK	1	74	12.78	12.80	12.89			
15	QPSK	36	0	12.91	13.06	12.98	14.2	0	
15	QPSK	36	20	12.81	12.89	12.89			
15	QPSK	36	39	12.92	12.78	12.76			
15	QPSK	75	0	12.96	13.01	12.99	14.2	0	
15	16QAM	1	0	12.72	12.89	12.96			
15	16QAM	1	37	12.76	12.86	12.87			
15	16QAM	1	74	12.83	12.72	12.76	14.2	0	
15	16QAM	36	0	12.97	12.99	12.81			
15	16QAM	36	20	12.83	12.89	12.94			
15	16QAM	36	39	12.92	12.75	12.86	14.2	0	
15	16QAM	75	0	12.92	12.98	12.91			
15	64QAM	1	0	12.81	12.98	12.81			
15	64QAM	1	37	12.79	13.01	12.80	14.2	0	
15	64QAM	1	74	12.81	12.70	12.72			
15	64QAM	36	0	12.96	12.96	12.93			
15	64QAM	36	20	12.97	12.86	12.91	14.2	0	
15	64QAM	36	39	12.94	12.94	12.78			
15	64QAM	75	0	12.95	12.93	12.83			
15	256QAM	1	0	12.94	12.99	12.98	14.2	0	
15	256QAM	1	37	12.94	12.91	12.79			
15	256QAM	1	74	12.90	12.93	12.75			
15	256QAM	36	0	12.97	12.97	12.95	14.2	0	
15	256QAM	36	20	12.91	13.04	12.95			
15	256QAM	36	39	12.73	12.90	12.78			
15	256QAM	75	0	12.89	12.86	12.83			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	12.96	13.06	12.99	14.2	0	
10	QPSK	1	25	12.79	12.84	12.88			
10	QPSK	1	49	12.78	12.83	12.87			
10	QPSK	25	0	12.94	12.97	12.94	14.2	0	
10	QPSK	25	12	12.87	12.97	12.93			
10	QPSK	25	25	12.83	12.80	12.78			
10	QPSK	50	0	12.93	12.99	12.92	14.2	0	
10	16QAM	1	0	12.77	12.85	12.88			
10	16QAM	1	25	12.76	12.90	12.86			
10	16QAM	1	49	12.81	12.86	12.85	14.2	0	
10	16QAM	25	0	12.92	12.96	12.81			
10	16QAM	25	12	12.75	13.00	12.95			
10	16QAM	25	25	12.86	12.84	12.90	14.2	0	
10	16QAM	50	0	12.82	12.88	12.94			
10	64QAM	1	0	12.76	13.00	12.88			
10	64QAM	1	25	12.77	13.04	12.82	14.2	0	
10	64QAM	1	49	12.81	12.63	12.72			
10	64QAM	25	0	12.98	12.92	12.95			
10	64QAM	25	12	12.85	12.87	12.99	14.2	0	
10	64QAM	25	25	13.02	12.83	12.82			
10	64QAM	50	0	12.99	13.02	12.88			
10	256QAM	1	0	12.91	12.97	12.97	14.2	0	
10	256QAM	1	25	13.02	12.98	12.87			
10	256QAM	1	49	12.87	12.94	12.83			
10	256QAM	25	0	12.86	13.04	12.93	14.2	0	
10	256QAM	25	12	12.87	12.97	13.02			
10	256QAM	25	25	12.77	12.94	12.84			
10	256QAM	50	0	12.87	12.88	12.93			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	12.92	13.03	12.96	14.2	0	
5	QPSK	1	12	12.80	12.84	12.92			
5	QPSK	1	24	12.80	12.78	12.90			
5	QPSK	12	0	12.91	12.99	12.96	14.2	0	
5	QPSK	12	7	12.82	12.99	12.88			
5	QPSK	12	13	12.87	12.83	12.77			
5	QPSK	25	0	12.89	12.99	12.95	14.2	0	
5	16QAM	1	0	12.80	12.88	12.84			
5	16QAM	1	12	12.76	12.88	12.86			
5	16QAM	1	24	12.80	12.70	12.74	14.2	0	
5	16QAM	12	0	12.93	12.92	12.80			
5	16QAM	12	7	12.78	12.93	12.91			
5	16QAM	12	13	12.83	12.77	12.85	14.2	0	
5	16QAM	25	0	12.94	12.95	12.83			
5	64QAM	1	0	12.78	12.90	12.82			
5	64QAM	1	12	12.87	13.02	12.73	14.2	0	
5	64QAM	1	24	12.83	12.80	12.81			
5	64QAM	12	0	12.92	12.96	12.96			
5	64QAM	12	7	12.90	12.91	13.01	14.2	0	
5	64QAM	12	13	12.94	12.86	12.80			
5	64QAM	25	0	12.90	12.98	12.82			
5	256QAM	1	0	12.87	12.92	13.00	14.2	0	
5	256QAM	1	12	13.00	12.98	12.80			
5	256QAM	1	24	12.85	12.83	12.76			
5	256QAM	12	0	12.87	13.00	12.95	14.2	0	
5	256QAM	12	7	12.93	13.02	13.02			
5	256QAM	12	13	12.72	12.90	12.78			
5	256QAM	25	0	12.90	12.75	12.94			

Band 42 Ant 6 ECI9									
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	14.8	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	13.61	13.75	13.56	14.8	0	
20	QPSK	1	49	13.53	13.71	13.51			
20	QPSK	1	99	13.51	13.64	13.50			
20	QPSK	50	0	13.61	13.71	13.56			
20	QPSK	50	24	13.57	13.69	13.49	14.8	0	
20	QPSK	50	50	13.49	13.70	13.44			
20	QPSK	100	0	13.58	13.70	13.54			
20	16QAM	1	0	13.55	13.59	13.46			
20	16QAM	1	49	13.45	13.64	13.45	14.8	0	
20	16QAM	1	99	13.43	13.54	13.34			
20	16QAM	50	0	13.65	13.72	13.50			
20	16QAM	50	24	13.57	13.74	13.52			
20	16QAM	50	50	13.52	13.74	13.45	14.8	0	
20	16QAM	100	0	13.64	13.69	13.57			
20	64QAM	1	0	13.53	13.62	13.48			
20	64QAM	1	49	13.51	13.65	13.51			
20	64QAM	1	99	13.43	13.48	13.35	14.8	0	
20	64QAM	50	0	13.55	13.74	13.51			
20	64QAM	50	24	13.60	13.68	13.60			
20	64QAM	50	50	13.53	13.71	13.52			
20	64QAM	100	0	13.56	13.72	13.58	14.8	0	
20	256QAM	1	0	13.57	13.69	13.59			
20	256QAM	1	49	13.60	13.70	13.55			
20	256QAM	1	99	13.61	13.66	13.51			
20	256QAM	50	0	13.67	13.73	13.60	14.8	0	
20	256QAM	50	24	13.60	13.52	13.38			
20	256QAM	50	50	13.47	13.68	13.48			
20	256QAM	100	0	13.51	13.65	13.35			
Channel				42165	42590	43015	14.8	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	13.53	13.70	13.46	14.8	0	
15	QPSK	1	37	13.48	13.71	13.50			
15	QPSK	1	74	13.40	13.54	13.43			
15	QPSK	36	0	13.50	13.62	13.52			
15	QPSK	36	20	13.46	13.58	13.48	14.8	0	
15	QPSK	36	39	13.48	13.61	13.34			
15	QPSK	75	0	13.55	13.68	13.44			
15	16QAM	1	0	13.47	13.57	13.38			
15	16QAM	1	37	13.44	13.56	13.40	14.8	0	
15	16QAM	1	74	13.42	13.51	13.33			
15	16QAM	36	0	13.63	13.67	13.42			
15	16QAM	36	20	13.47	13.73	13.41			
15	16QAM	36	39	13.48	13.72	13.41	14.8	0	
15	16QAM	75	0	13.61	13.62	13.48			
15	64QAM	1	0	13.42	13.58	13.38			
15	64QAM	1	37	13.39	13.64	13.44			
15	64QAM	1	74	13.38	13.46	13.30	14.8	0	
15	64QAM	36	0	13.51	13.70	13.44			
15	64QAM	36	20	13.50	13.60	13.58			
15	64QAM	36	39	13.46	13.60	13.48			
15	64QAM	75	0	13.46	13.63	13.53	14.8	0	
15	256QAM	1	0	13.45	13.68	13.52			
15	256QAM	1	37	13.50	13.60	13.54			
15	256QAM	1	74	13.50	13.62	13.40			
15	256QAM	36	0	13.65	13.70	13.52	14.8	0	
15	256QAM	36	20	13.51	13.49	13.27			
15	256QAM	36	39	13.45	13.63	13.39			
15	256QAM	75	0	13.43	13.62	13.32			
Channel				42140	42590	43040	14.8	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	13.52	13.74	13.54	14.8	0	
10	QPSK	1	25	13.49	13.63	13.43			
10	QPSK	1	49	13.50	13.64	13.41			
10	QPSK	25	0	13.57	13.65	13.49			
10	QPSK	25	12	13.55	13.64	13.38	14.8	0	
10	QPSK	25	25	13.44	13.63	13.43			
10	QPSK	50	0	13.56	13.61	13.43			
10	16QAM	1	0	13.54	13.55	13.34			
10	16QAM	1	25	13.43	13.54	13.36	14.8	0	
10	16QAM	1	49	13.36	13.54	13.23			
10	16QAM	25	0	13.61	13.65	13.50			
10	16QAM	25	12	13.48	13.73	13.51			
10	16QAM	25	25	13.51	13.65	13.36	14.8	0	
10	16QAM	50	0	13.63	13.60	13.48			
10	64QAM	1	0	13.42	13.55	13.39			
10	64QAM	1	25	13.41	13.64	13.50			
10	64QAM	1	49	13.36	13.47	13.27	14.8	0	
10	64QAM	25	0	13.54	13.67	13.40			
10	64QAM	25	12	13.52	13.66	13.60			
10	64QAM	25	25	13.43	13.63	13.45			
10	64QAM	50	0	13.53	13.63	13.56	14.8	0	
10	256QAM	1	0	13.57	13.64	13.58			
10	256QAM	1	25	13.56	13.64	13.45			
10	256QAM	1	49	13.54	13.55	13.47			
10	256QAM	25	0	13.64	13.72	13.53	14.8	0	
10	256QAM	25	12	13.59	13.44	13.32			
10	256QAM	25	25	13.39	13.67	13.47			
10	256QAM	50	0	13.43	13.60	13.27			
Channel				42115	42590	43065	14.8	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	13.56	13.74	13.46	14.8	0	
5	QPSK	1	12	13.50	13.61	13.50			
5	QPSK	1	24	13.47	13.61	13.39			
5	QPSK	12	0	13.56	13.61	13.55			
5	QPSK	12	7	13.48	13.64	13.42	14.8	0	
5	QPSK	12	13	13.47	13.63	13.32			
5	QPSK	25	0	13.47	13.68	13.49			
5	16QAM	1	0	13.54	13.50	13.42			
5	16QAM	1	12	13.43	13.61	13.43	14.8	0	
5	16QAM	1	24	13.40	13.48	13.31			
5	16QAM	12	0	13.60	13.65	13.38			
5	16QAM	12	7	13.53	13.70	13.45			
5	16QAM	12	13	13.45	13.68	13.43	14.8	0	
5	16QAM	25	0	13.60	13.64	13.51			
5	64QAM	1	0	13.49	13.59	13.48			
5	64QAM	1	12	13.44	13.56	13.50			
5	64QAM	1	24	13.41	13.47	13.29	14.8	0	
5	64QAM	12	0	13.54	13.64	13.44			
5	64QAM	12	7	13.59	13.67	13.58			
5	64QAM	12	13	13.52	13.68	13.41			
5	64QAM	25	0	13.56	13.67	13.57	14.8	0	
5	256QAM	1	0	13.48	13.68	13.58			
5	256QAM	1	12	13.59	13.67	13.52			
5	256QAM	1	24	13.51	13.57	13.48			
5	256QAM	12	0	13.61	13.68	13.49	14.8	0	
5	256QAM	12	7	13.48	13.47	13.29			
5	256QAM	12	13	13.39	13.59	13.48	14.8	0	
5	256QAM	25	0	13.46	13.55	13.31			

Band 42 Ant 3 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	14.91	15.00	14.99	16	0	
20	QPSK	1	49	14.79	14.93	14.83			
20	QPSK	1	99	14.92	14.96	14.89			
20	QPSK	50	0	14.93	14.99	14.96	16	0	
20	QPSK	50	24	14.85	14.96	14.98			
20	QPSK	50	50	14.90	14.89	14.89			
20	QPSK	100	0	14.90	14.97	14.96	16	0	
20	16QAM	1	0	14.75	14.95	14.86			
20	16QAM	1	49	14.74	14.93	14.86			
20	16QAM	1	99	14.93	14.82	14.78	16	0	
20	16QAM	50	0	14.90	14.99	14.94			
20	16QAM	50	24	14.85	14.96	14.96			
20	16QAM	50	50	14.86	14.88	14.80	16	0	
20	16QAM	100	0	14.92	14.98	14.94			
20	64QAM	1	0	14.87	14.92	14.82			
20	64QAM	1	49	14.81	14.86	14.82	16	0	
20	64QAM	1	99	14.83	14.93	14.80			
20	64QAM	50	0	14.89	14.95	14.86			
20	64QAM	50	24	14.82	14.92	14.98	16	0	
20	64QAM	50	50	14.89	14.87	14.85			
20	64QAM	100	0	14.92	14.88	14.87			
20	256QAM	1	0	14.90	14.98	14.84	16	0	
20	256QAM	1	49	14.81	14.96	14.89			
20	256QAM	1	99	14.87	14.96	14.80			
20	256QAM	50	0	14.98	14.95	14.94	16	0	
20	256QAM	50	24	14.79	14.98	14.89			
20	256QAM	50	50	14.81	14.86	14.76			
20	256QAM	100	0	14.78	14.93	14.81			
Channel				42165	42590	43015		Tune-up limit (dBm)	
Frequency (MHz)				3457.5	3500	3542.5		MPR (dB)	
15	QPSK	1	0	14.90	14.96	14.98	16	0	
15	QPSK	1	37	14.78	14.81	14.77			
15	QPSK	1	74	14.85	14.88	14.85			
15	QPSK	36	0	14.91	14.89	14.92	16	0	
15	QPSK	36	20	14.81	14.96	14.87			
15	QPSK	36	39	14.81	14.89	14.84			
15	QPSK	75	0	14.84	14.86	14.89	16	0	
15	16QAM	1	0	14.72	14.91	14.83			
15	16QAM	1	37	14.67	14.90	14.81			
15	16QAM	1	74	14.88	14.80	14.66	16	0	
15	16QAM	36	0	14.89	14.94	14.86			
15	16QAM	36	20	14.75	14.88	14.86			
15	16QAM	36	39	14.85	14.78	14.70	16	0	
15	16QAM	75	0	14.89	14.95	14.90			
15	64QAM	1	0	14.75	14.87	14.74			
15	64QAM	1	37	14.81	14.81	14.74	16	0	
15	64QAM	1	74	14.76	14.83	14.77			
15	64QAM	36	0	14.85	14.84	14.85			
15	64QAM	36	20	14.76	14.88	14.89	16	0	
15	64QAM	36	39	14.85	14.78	14.83			
15	64QAM	75	0	14.89	14.88	14.81			
15	256QAM	1	0	14.84	14.97	14.80	16	0	
15	256QAM	1	37	14.77	14.98	14.82			
15	256QAM	1	74	14.81	14.87	14.80			
15	256QAM	36	0	14.97	14.92	14.83	16	0	
15	256QAM	36	20	14.79	14.89	14.85			
15	256QAM	36	39	14.78	14.81	14.73			
15	256QAM	75	0	14.75	14.88	14.71			
Channel				42140	42590	43040		Tune-up limit (dBm)	
Frequency (MHz)				3455	3500	3545		MPR (dB)	
10	QPSK	1	0	14.89	14.92	14.98	16	0	
10	QPSK	1	25	14.78	14.90	14.80			
10	QPSK	1	49	14.88	14.86	14.77			
10	QPSK	25	0	14.89	14.97	14.91	16	0	
10	QPSK	25	12	14.78	14.95	14.93			
10	QPSK	25	25	14.85	14.78	14.79			
10	QPSK	50	0	14.85	14.95	14.91	16	0	
10	16QAM	1	0	14.68	14.89	14.82			
10	16QAM	1	25	14.67	14.93	14.82			
10	16QAM	1	49	14.87	14.70	14.68	16	0	
10	16QAM	25	0	14.85	14.89	14.90			
10	16QAM	25	12	14.77	14.85	14.91			
10	16QAM	25	25	14.79	14.81	14.68	16	0	
10	16QAM	50	0	14.85	14.89	14.96			
10	64QAM	1	0	14.81	14.81	14.75			
10	64QAM	1	25	14.74	14.86	14.72	16	0	
10	64QAM	1	49	14.80	14.89	14.76			
10	64QAM	25	0	14.87	14.92	14.82			
10	64QAM	25	12	14.80	14.90	14.98	16	0	
10	64QAM	25	25	14.89	14.81	14.79			
10	64QAM	50	0	14.85	14.79	14.81			
10	256QAM	1	0	14.87	14.92	14.81	16	0	
10	256QAM	1	25	14.80	14.96	14.80			
10	256QAM	1	49	14.84	14.90	14.73			
10	256QAM	25	0	14.91	14.90	14.83	16	0	
10	256QAM	25	12	14.67	14.88	14.78			
10	256QAM	25	25	14.74	14.81	14.73			
10	256QAM	50	0	14.77	14.86	14.70			
Channel				42115	42590	43065		Tune-up limit (dBm)	
Frequency (MHz)				3452.5	3500	3547.5		MPR (dB)	
5	QPSK	1	0	14.87	14.93	14.87	16	0	
5	QPSK	1	12	14.76	14.82	14.73			
5	QPSK	1	24	14.86	14.88	14.88			
5	QPSK	12	0	14.84	14.92	14.86	16	0	
5	QPSK	12	7	14.83	14.85	14.91			
5	QPSK	12	13	14.79	14.85	14.88			
5	QPSK	25	0	14.89	14.87	14.92	16	0	
5	16QAM	1	0	14.65	14.85	14.84			
5	16QAM	1	12	14.72	14.91	14.78			
5	16QAM	1	24	14.92	14.74	14.77	16	0	
5	16QAM	12	0	14.78	14.98	14.85			
5	16QAM	12	7	14.75	14.93	14.86			
5	16QAM	12	13	14.79	14.87	14.73	16	0	
5	16QAM	25	0	14.81	14.90	14.94			
5	64QAM	1	0	14.85	14.84	14.80			
5	64QAM	1	12	14.77	14.83	14.80	16	0	
5	64QAM	1	24	14.83	14.92	14.79			
5	64QAM	12	0	14.77	14.91	14.83			
5	64QAM	12	7	14.74	14.90	14.97	16	0	
5	64QAM	12	13	14.89	14.85	14.85			
5	64QAM	25	0	14.86	14.86	14.79			
5	256QAM	1	0	14.83	14.88	14.83	16	0	
5	256QAM	1	12	14.70	14.87	14.80			
5	256QAM	1	24	14.79	14.94	14.70			
5	256QAM	12	0	14.95	14.94	14.90	16	0	
5	256QAM	12	7	14.73	14.96	14.77			
5	256QAM	12	13	14.72	14.79	14.64			
5	256QAM	25	0	14.68	14.81	14.80			

Band 42 Ant 8 ECI9									
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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	20.54	20.59	20.44	21.7	0	
20	QPSK	1	49	20.38	20.57	20.34			
20	QPSK	1	99	20.34	20.46	20.36			
20	QPSK	50	0	20.49	20.57	20.41	21.7	0	
20	QPSK	50	24	20.49	20.59	20.37			
20	QPSK	50	50	20.45	20.54	20.34			
20	QPSK	100	0	20.43	20.56	20.40	21.7	0	
20	16QAM	1	0	20.39	20.52	20.33			
20	16QAM	1	49	20.46	20.49	20.24			
20	16QAM	1	99	20.37	20.50	20.24	21.7	0	
20	16QAM	50	0	20.50	20.56	20.35			
20	16QAM	50	24	20.38	20.56	20.34			
20	16QAM	50	50	20.41	20.58	20.32	21.7	0	
20	16QAM	100	0	20.55	20.59	20.48			
20	64QAM	1	0	20.45	20.53	20.31			
20	64QAM	1	49	20.39	20.50	20.34	21.7	0	
20	64QAM	1	99	20.36	20.51	20.33			
20	64QAM	50	0	20.46	20.50	20.29			
20	64QAM	50	24	20.45	20.48	20.37	21.7	0	
20	64QAM	50	50	20.38	20.45	20.23			
20	64QAM	100	0	20.49	20.50	20.41			
20	256QAM	1	0	19.04	19.06	18.84	20	1.7	
20	256QAM	1	49	18.95	19.09	18.84			
20	256QAM	1	99	18.88	18.92	18.70			
20	256QAM	50	0	18.97	19.04	18.91	20	1.7	
20	256QAM	50	24	18.88	18.89	18.76			
20	256QAM	50	50	18.82	19.02	18.79			
20	256QAM	100	0	18.76	18.94	18.67			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	20.46	20.58	20.40	21.7	0	
15	QPSK	1	37	20.36	20.55	20.23			
15	QPSK	1	74	20.27	20.40	20.26			
15	QPSK	36	0	20.46	20.49	20.34	21.7	0	
15	QPSK	36	20	20.40	20.53	20.34			
15	QPSK	36	39	20.33	20.48	20.28			
15	QPSK	75	0	20.39	20.48	20.28	21.7	0	
15	16QAM	1	0	20.32	20.49	20.26			
15	16QAM	1	37	20.37	20.46	20.17			
15	16QAM	1	74	20.27	20.43	20.21	21.7	0	
15	16QAM	36	0	20.38	20.46	20.29			
15	16QAM	36	20	20.27	20.50	20.30			
15	16QAM	36	39	20.33	20.52	20.30	21.7	0	
15	16QAM	75	0	20.50	20.57	20.39			
15	64QAM	1	0	20.39	20.42	20.21			
15	64QAM	1	37	20.28	20.45	20.31	21.7	0	
15	64QAM	1	74	20.33	20.44	20.21			
15	64QAM	36	0	20.39	20.43	20.29			
15	64QAM	36	20	20.43	20.44	20.26	21.7	0	
15	64QAM	36	39	20.32	20.34	20.14			
15	64QAM	75	0	20.42	20.41	20.31			
15	256QAM	1	0	18.99	19.03	18.72	20	1.7	
15	256QAM	1	37	18.92	19.00	18.76			
15	256QAM	1	74	18.77	18.81	18.53			
15	256QAM	36	0	18.89	18.96	18.79	20	1.7	
15	256QAM	36	20	18.83	18.79	18.74			
15	256QAM	36	39	18.79	19.02	18.74			
15	256QAM	75	0	18.68	18.89	18.55			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	20.50	20.57	20.42	21.7	0	
10	QPSK	1	25	20.35	20.49	20.25			
10	QPSK	1	49	20.25	20.44	20.25			
10	QPSK	25	0	20.41	20.52	20.32	21.7	0	
10	QPSK	25	12	20.40	20.52	20.25			
10	QPSK	25	25	20.37	20.52	20.26			
10	QPSK	50	0	20.39	20.49	20.30	21.7	0	
10	16QAM	1	0	20.32	20.45	20.25			
10	16QAM	1	25	20.41	20.46	20.17			
10	16QAM	1	49	20.27	20.48	20.14	21.7	0	
10	16QAM	25	0	20.44	20.54	20.34			
10	16QAM	25	12	20.30	20.50	20.28			
10	16QAM	25	25	20.31	20.56	20.29	21.7	0	
10	16QAM	50	0	20.48	20.49	20.36			
10	64QAM	1	0	20.39	20.48	20.28			
10	64QAM	1	25	20.36	20.50	20.28	21.7	0	
10	64QAM	1	49	20.30	20.49	20.24			
10	64QAM	25	0	20.35	20.45	20.20			
10	64QAM	25	12	20.45	20.43	20.34	21.7	0	
10	64QAM	25	25	20.38	20.41	20.13			
10	64QAM	50	0	20.39	20.48	20.32			
10	256QAM	1	0	18.98	19.01	18.77	20	1.7	
10	256QAM	1	25	18.85	18.99	18.83			
10	256QAM	1	49	18.81	18.91	18.66			
10	256QAM	25	0	18.86	19.00	18.84	20	1.7	
10	256QAM	25	12	18.84	18.81	18.65			
10	256QAM	25	25	18.74	18.94	18.79			
10	256QAM	50	0	18.69	18.89	18.56			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	20.50	20.53	20.36	21.7	0	
5	QPSK	1	12	20.33	20.53	20.25			
5	QPSK	1	24	20.25	20.41	20.24			
5	QPSK	12	0	20.47	20.50	20.31	21.7	0	
5	QPSK	12	7	20.42	20.52	20.31			
5	QPSK	12	13	20.40	20.43	20.23			
5	QPSK	25	0	20.32	20.54	20.29	21.7	0	
5	16QAM	1	0	20.33	20.41	20.28			
5	16QAM	1	12	20.43	20.42	20.20			
5	16QAM	1	24	20.34	20.50	20.19	21.7	0	
5	16QAM	12	0	20.44	20.55	20.25			
5	16QAM	12	7	20.34	20.50	20.30			
5	16QAM	12	13	20.35	20.54	20.28	21.7	0	
5	16QAM	25	0	20.44	20.58	20.44			
5	64QAM	1	0	20.36	20.42	20.29			
5	64QAM	1	12	20.32	20.41	20.25	21.7	0	
5	64QAM	1	24	20.26	20.39	20.30			
5	64QAM	12	0	20.40	20.49	20.27			
5	64QAM	12	7	20.35	20.38	20.35	21.7	0	
5	64QAM	12	13	20.28	20.44	20.16			
5	64QAM	25	0	20.42	20.44	20.35			
5	256QAM	1	0	18.96	18.95	18.72	20	1.7	
5	256QAM	1	12	18.83	18.99	18.83			
5	256QAM	1	24	18.87	18.84	18.66			
5	256QAM	12	0	18.85	18.95	18.88	20	1.7	
5	256QAM	12	7	18.82	18.81	18.72			
5	256QAM	12	13	18.71	18.95	18.73			
5	256QAM	25	0	18.67	18.93	18.63			

Reduced Power Mode for ECI 10

GSM850 Ant 0 ECI10	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 4 Tx slots	27.08	27.12	27.10	28.40	24.08	24.12	24.10

25.40

GSM1900 Ant 0 ECI10	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	1880	1909.8	1850.2	1880	1909.8	
	GPRS 4 Tx slots	24.32	24.35	24.23	25.00	21.32	21.35	21.23

22.00

Band		WCDMA II Ant 0 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI10			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	

3GPP Rel 99	RMC 12.2Kbps	16.87	16.94	16.85	18.10	17.28	17.36	17.32	18.40	22.42	22.46	22.35	23.70
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Band 2 Ant 0 ECI 10

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	19.6	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.11	18.18	18.15	19.6	0

Band 4 Ant 0 ECI10

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	17.3	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.17	16.21	16.13	17.3	0

Band 5 Ant 0 ECI10

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	21.1	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.81	20.00	19.94	21.1	0

Band 7 Ant 0 ECI10

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	20.6	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.31	19.50	19.46	20.6	0

Band 12 Ant 0 ECI10

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	21.1	0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.00	20.10	19.98	21.1	0

Band 38 Ant 0 ECI10

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	22.8	0
Frequency (MHz)				2580	2585	2610		
20	QPSK	1	0	22.06	22.15	22.11	22.8	0

Band 41 Ant 0 ECI10

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	22.8	0
Frequency (MHz)				2406	2540.5	2593	2636.5	2690		
20	QPSK	1	0	22.18	22.26	22.30	22.24	21.94	22.8	0

Band 66 Ant 0 ECI10

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	17.3	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.18	16.26	16.22	17.3	0

Band 26 Ant 0 ECI10

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	21.1	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.95	20.08	20.00	21.1	0

Band 17 Ant 0 ECI10

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				23780	23790	23800	21.1	0
Frequency (MHz)				709	710	711		
10	QPSK	1	0	19.92	19.96	19.88	21.1	0

Band 41 HPUE Ant 0 ECI10

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	23.50	0
Frequency (MHz)				2506	2540.5	2593	2636.5	2690		
20	QPSK	1	0	23.46	23.49	23.54	23.50	23.48	24.4	0

GSM850 Ant 1 ECI10		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GPSR 4 Tx side		28.23	28.35	28.34	29.00	25.23	25.35	25.34	26.00

Band		WCDMA II Ant 1 ECI10			Tune-up Limit	WCDMA IV Ant 1 ECI10			Tune-up Limit	WCDMA V Ant 1 ECI10			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9562	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	16.08	16.21	16.12	17.20	16.42	16.58	16.48	17.60	24.12	24.24	24.22	25.00

Band 2 Ant 1 ECI 10

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	17.12	17.17	17.15	18.2	0

Band 4 Ant 1 ECI10

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	16.51	16.69	16.55	17.8	0

Band 5 Ant 1 ECI10

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	22.63	22.70	22.68	24	0

Band 7 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.61	17.74	17.65	18.7	0

Band 12 Ant 1 ECI10

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	22.65	22.70	22.59	24	0

Band 38 Ant 1 ECI10

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)				2890	2905	2910		
20	QPSK	1	0	18.76	18.78	18.72	20.4	0

Band 41 Ant 1 ECI10

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	19.10	19.08	19.14	19.05	18.99	20.4	0

Band 66 Ant 1 ECI10

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	16.67	16.74	16.70	17.8	0

Band 26 Ant 1 ECI10

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				26785	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.63	22.72	22.69	24	0

Band 17 Ant 1 ECI10

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.61	22.64	22.56	24	0

Band 41 HPUE Ant 1 ECI10

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	20.16	20.14	20.20	20.18	20.15	22	0

GSM1900 Ant 2 ECI10		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 4 Tx slots		17.24	17.32	17.20	16.30	14.24	14.32	14.20	15.30

Band		WCDMA II Ant 2 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	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 Rel 99 RMC 12.2kbps		12.81	13.00	12.86	13.90	14.93	15.00	14.97	16.10

Band 2 Ant 2 ECI 10

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	13.3	0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.21	12.29	12.25	13.3	0

Band 4 Ant 2 ECI10

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	13.8	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.36	12.51	12.47	13.8	0

Band 7 Ant 2 ECI10

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	14.2	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.04	13.16	12.96	14.2	0

Band 38 Ant 2 ECI10

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	16.2	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.01	15.10	15.06	16.2	0

Band 41 Ant 2 ECI10

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	16.2	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.09	15.06	15.18	15.15	15.04	16.2	0

Band 66 Ant 2 ECI10

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	13.8	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.40	12.58	12.55	13.8	0

Band 41 HPUE Ant 2 ECI10

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	17.8	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.31	16.35	16.38	16.32	16.29	17.8	0

Band		WCDMA II Ant 3 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9602	9800	9938		1557	1638	1738	
Frequency (MHz)		1852.4	1900	1907.6		1712.4	1732.6	1752.4	
3GPP Rel 99	RMC 12.2Kbps	16.31	16.42	16.34	17.40	16.98	17.03	16.94	18.10

0.00

Band 2 Ant 3 ECI 10

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)				1850	1880	1900		
20	QPSK	1	0	18.28	18.36	18.33	19.5	0

Band 4 Ant 3 ECI10

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	19.57	19.68	19.64	21.2	0

Band 7 Ant 3 ECI10

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	15.66	15.81	15.78	16.8	0

Band 38 Ant 3 ECI10

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)				2550	2595	2610		
20	QPSK	1	0	17.61	17.67	17.65	18.8	0

Band 41 Ant 3 ECI10

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	17.65	17.68	17.78	17.71	17.54	18.8	0

Band 66 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.62	19.72	19.66	21.2	0

Band 41 HPUE Ant 3 ECI10

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	18.89	18.92	18.99	18.95	18.94	20.4	0

Band 42 Ant 4 EC110									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.46	17.56	17.55			
20	QPSK	1	49	17.43	17.47	17.41	18.6	0	
20	QPSK	1	99	17.42	17.46	17.45			
20	QPSK	50	0	17.47	17.53	17.51	18.6	0	
20	QPSK	50	24	17.43	17.45	17.50			
20	QPSK	50	50	17.50	17.48	17.42			
20	QPSK	100	0	17.49	17.52	17.47	18.6	0	
20	16QAM	1	0	17.34	17.49	17.50			
20	16QAM	1	49	17.36	17.47	17.38			
20	16QAM	1	99	17.30	17.31	17.44	18.6	0	
20	16QAM	50	0	17.50	17.55	17.47			
20	16QAM	50	24	17.45	17.52	17.49			
20	16QAM	50	50	17.40	17.32	17.39	18.6	0	
20	16QAM	100	0	17.54	17.55	17.41			
20	64QAM	1	0	17.35	17.48	17.41			
20	64QAM	1	49	17.40	17.49	17.31	18.6	0	
20	64QAM	1	99	17.37	17.22	17.41			
20	64QAM	50	0	17.46	17.55	17.54			
20	64QAM	50	24	17.48	17.52	17.46	18.6	0	
20	64QAM	50	50	17.46	17.46	17.49			
20	64QAM	100	0	17.47	17.52	17.42			
20	256QAM	1	0	17.42	17.47	17.46	18.6	0	
20	256QAM	1	49	17.52	17.47	17.46			
20	256QAM	1	99	17.54	17.46	17.40			
20	256QAM	50	0	17.46	17.46	17.51	18.6	0	
20	256QAM	50	24	17.38	17.51	17.44			
20	256QAM	50	50	17.37	17.47	17.38			
20	256QAM	100	0	17.38	17.43	17.39			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.46	17.54	17.54	18.6	0	
15	QPSK	1	37	17.40	17.45	17.40			
15	QPSK	1	74	17.38	17.41	17.43			
15	QPSK	36	0	17.47	17.41	17.48	18.6	0	
15	QPSK	36	20	17.34	17.35	17.49			
15	QPSK	36	39	17.38	17.37	17.39			
15	QPSK	75	0	17.42	17.46	17.41	18.6	0	
15	16QAM	1	0	17.26	17.42	17.42			
15	16QAM	1	37	17.30	17.42	17.34			
15	16QAM	1	74	17.28	17.19	17.41	18.6	0	
15	16QAM	36	0	17.49	17.52	17.36			
15	16QAM	36	20	17.44	17.46	17.41			
15	16QAM	36	39	17.29	17.32	17.30	18.6	0	
15	16QAM	75	0	17.49	17.51	17.31			
15	64QAM	1	0	17.24	17.36	17.35			
15	64QAM	1	37	17.29	17.46	17.26	18.6	0	
15	64QAM	1	74	17.30	17.13	17.31			
15	64QAM	36	0	17.41	17.50	17.43			
15	64QAM	36	20	17.38	17.42	17.40	18.6	0	
15	64QAM	36	39	17.43	17.40	17.39			
15	64QAM	75	0	17.46	17.48	17.30			
15	256QAM	1	0	17.39	17.43	17.43	18.6	0	
15	256QAM	1	37	17.52	17.39	17.40			
15	256QAM	1	74	17.48	17.38	17.34			
15	256QAM	36	0	17.41	17.37	17.46	18.6	0	
15	256QAM	36	20	17.35	17.44	17.32			
15	256QAM	36	39	17.25	17.45	17.37			
15	256QAM	75	0	17.27	17.22	17.29			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.36	17.51	17.43	18.6	0	
10	QPSK	1	25	17.41	17.41	17.33			
10	QPSK	1	49	17.33	17.39	17.39			
10	QPSK	25	0	17.35	17.46	17.51	18.6	0	
10	QPSK	25	12	17.34	17.41	17.47			
10	QPSK	25	25	17.39	17.41	17.33			
10	QPSK	50	0	17.40	17.45	17.44	18.6	0	
10	16QAM	1	0	17.29	17.37	17.40			
10	16QAM	1	25	17.26	17.43	17.29			
10	16QAM	1	49	17.28	17.31	17.44	18.6	0	
10	16QAM	25	0	17.49	17.46	17.36			
10	16QAM	25	12	17.40	17.51	17.39			
10	16QAM	25	25	17.29	17.28	17.35	18.6	0	
10	16QAM	50	0	17.46	17.54	17.35			
10	64QAM	1	0	17.25	17.41	17.32			
10	64QAM	1	25	17.32	17.48	17.25	18.6	0	
10	64QAM	1	49	17.35	17.11	17.35			
10	64QAM	25	0	17.36	17.45	17.51			
10	64QAM	25	12	17.36	17.44	17.45	18.6	0	
10	64QAM	25	25	17.44	17.37	17.48			
10	64QAM	50	0	17.47	17.42	17.42			
10	256QAM	1	0	17.34	17.37	17.42	18.6	0	
10	256QAM	1	25	17.50	17.40	17.38			
10	256QAM	1	49	17.54	17.39	17.39			
10	256QAM	25	0	17.42	17.38	17.41	18.6	0	
10	256QAM	25	12	17.30	17.42	17.43			
10	256QAM	25	25	17.30	17.46	17.34			
10	256QAM	50	0	17.36	17.32	17.29			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.41	17.51	17.43	18.6	0	
5	QPSK	1	12	17.33	17.43	17.38			
5	QPSK	1	24	17.32	17.38	17.41			
5	QPSK	12	0	17.35	17.51	17.43	18.6	0	
5	QPSK	12	7	17.42	17.33	17.49			
5	QPSK	12	13	17.39	17.46	17.34			
5	QPSK	25	0	17.45	17.42	17.41	18.6	0	
5	16QAM	1	0	17.22	17.42	17.46			
5	16QAM	1	12	17.36	17.39	17.37			
5	16QAM	1	24	17.21	17.30	17.39	18.6	0	
5	16QAM	12	0	17.39	17.50	17.35			
5	16QAM	12	7	17.38	17.51	17.42			
5	16QAM	12	13	17.34	17.30	17.31	18.6	0	
5	16QAM	25	0	17.45	17.54	17.36			
5	64QAM	1	0	17.33	17.42	17.38			
5	64QAM	1	12	17.37	17.47	17.31	18.6	0	
5	64QAM	1	24	17.36	17.16	17.30			
5	64QAM	12	0	17.34	17.45	17.49			
5	64QAM	12	7	17.38	17.44	17.44	18.6	0	
5	64QAM	12	13	17.39	17.45	17.44			
5	64QAM	25	0	17.39	17.45	17.31			
5	256QAM	1	0	17.31	17.40	17.45	18.6	0	
5	256QAM	1	12	17.46	17.41	17.36			
5	256QAM	1	24	17.52	17.41	17.29			
5	256QAM	12	0	17.38	17.38	17.46	18.6	0	
5	256QAM	12	7	17.35	17.48	17.41			
5	256QAM	12	13	17.33	17.39	17.32			
5	256QAM	25	0	17.37	17.26	17.36			

Band 42 Ant 6 EC110									
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	14	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	12.67	12.75	12.82	14	0	
20	QPSK	1	49	12.58	12.73	12.53			
20	QPSK	1	99	12.47	12.63	12.51			
20	QPSK	50	0	12.64	12.73	12.61			
20	QPSK	50	24	12.55	12.67	12.53	14	0	
20	QPSK	50	50	12.51	12.73	12.55			
20	QPSK	100	0	12.60	12.72	12.58			
20	16QAM	1	0	12.59	12.63	12.48			
20	16QAM	1	49	12.49	12.65	12.51	14	0	
20	16QAM	1	99	12.52	12.60	12.32			
20	16QAM	50	0	12.65	12.73	12.55			
20	16QAM	50	24	12.55	12.72	12.53			
20	16QAM	50	50	12.51	12.70	12.50	14	0	
20	16QAM	100	0	12.57	12.71	12.60			
20	64QAM	1	0	12.52	12.57	12.50			
20	64QAM	1	49	12.49	12.64	12.44			
20	64QAM	1	99	12.44	12.51	12.47	14	0	
20	64QAM	50	0	12.58	12.72	12.53			
20	64QAM	50	24	12.55	12.69	12.55			
20	64QAM	50	50	12.50	12.70	12.53			
20	64QAM	100	0	12.60	12.71	12.66	14	0	
20	256QAM	1	0	12.62	12.65	12.63			
20	256QAM	1	49	12.62	12.70	12.57			
20	256QAM	1	99	12.58	12.68	12.53			
20	256QAM	50	0	12.69	12.74	12.62	14	0	
20	256QAM	50	24	12.57	12.56	12.50			
20	256QAM	50	50	12.50	12.67	12.44			
20	256QAM	100	0	12.55	12.65	12.46			
Channel				42165	42590	43015	14	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	12.62	12.73	12.52	14	0	
15	QPSK	1	37	12.54	12.66	12.42			
15	QPSK	1	74	12.46	12.56	12.46			
15	QPSK	36	0	12.59	12.69	12.58			
15	QPSK	36	20	12.53	12.60	12.52	14	0	
15	QPSK	36	39	12.42	12.72	12.46			
15	QPSK	75	0	12.51	12.62	12.48			
15	16QAM	1	0	12.48	12.61	12.38			
15	16QAM	1	37	12.46	12.64	12.40	14	0	
15	16QAM	1	74	12.40	12.59	12.26			
15	16QAM	36	0	12.59	12.65	12.51			
15	16QAM	36	20	12.48	12.64	12.43			
15	16QAM	36	39	12.44	12.68	12.46	14	0	
15	16QAM	75	0	12.50	12.67	12.48			
15	64QAM	1	0	12.49	12.57	12.44			
15	64QAM	1	37	12.47	12.60	12.33			
15	64QAM	1	74	12.32	12.41	12.45	14	0	
15	64QAM	36	0	12.49	12.72	12.44			
15	64QAM	36	20	12.53	12.59	12.50			
15	64QAM	36	39	12.46	12.67	12.50			
15	64QAM	75	0	12.53	12.59	12.57	14	0	
15	256QAM	1	0	12.58	12.60	12.52			
15	256QAM	1	37	12.53	12.59	12.47			
15	256QAM	1	74	12.49	12.65	12.44			
15	256QAM	36	0	12.57	12.88	12.58	14	0	
15	256QAM	36	20	12.54	12.53	12.44			
15	256QAM	36	39	12.43	12.59	12.42			
15	256QAM	75	0	12.54	12.56	12.40			
Channel				42140	42590	43040	14	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	12.55	12.71	12.58	14	0	
10	QPSK	1	25	12.54	12.63	12.47			
10	QPSK	1	49	12.43	12.56	12.41			
10	QPSK	25	0	12.52	12.62	12.51			
10	QPSK	25	12	12.44	12.66	12.44	14	0	
10	QPSK	25	25	12.49	12.67	12.49			
10	QPSK	50	0	12.51	12.61	12.46			
10	16QAM	1	0	12.56	12.62	12.44			
10	16QAM	1	25	12.43	12.54	12.44	14	0	
10	16QAM	1	49	12.42	12.51	12.22			
10	16QAM	25	0	12.64	12.70	12.45			
10	16QAM	25	12	12.55	12.66	12.50			
10	16QAM	25	25	12.47	12.64	12.45	14	0	
10	16QAM	50	0	12.51	12.66	12.49			
10	64QAM	1	0	12.43	12.47	12.45			
10	64QAM	1	25	12.38	12.56	12.41			
10	64QAM	1	49	12.35	12.41	12.46	14	0	
10	64QAM	25	0	12.54	12.71	12.46			
10	64QAM	25	12	12.44	12.66	12.55			
10	64QAM	25	25	12.42	12.68	12.53			
10	64QAM	50	0	12.50	12.62	12.65	14	0	
10	256QAM	1	0	12.57	12.58	12.56			
10	256QAM	1	25	12.53	12.59	12.52			
10	256QAM	1	49	12.57	12.59	12.50			
10	256QAM	25	0	12.67	12.67	12.57	14	0	
10	256QAM	25	12	12.51	12.46	12.50			
10	256QAM	25	25	12.48	12.64	12.40			
10	256QAM	50	0	12.45	12.54	12.40			
Channel				42115	42590	43065	14	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	12.61	12.70	12.59	14	0	
5	QPSK	1	12	12.50	12.61	12.42			
5	QPSK	1	24	12.39	12.60	12.40			
5	QPSK	12	0	12.60	12.67	12.53			
5	QPSK	12	7	12.51	12.61	12.44	14	0	
5	QPSK	12	13	12.46	12.64	12.54			
5	QPSK	25	0	12.53	12.64	12.49			
5	16QAM	1	0	12.53	12.60	12.41			
5	16QAM	1	12	12.37	12.55	12.42	14	0	
5	16QAM	1	24	12.48	12.57	12.23			
5	16QAM	12	0	12.54	12.70	12.43			
5	16QAM	12	7	12.45	12.71	12.52			
5	16QAM	12	13	12.42	12.70	12.48	14	0	
5	16QAM	25	0	12.46	12.64	12.58			
5	64QAM	1	0	12.43	12.56	12.43			
5	64QAM	1	12	12.48	12.53	12.39			
5	64QAM	1	24	12.32	12.43	12.40	14	0	
5	64QAM	12	0	12.50	12.67	12.51			
5	64QAM	12	7	12.49	12.62	12.51			
5	64QAM	12	13	12.50	12.68	12.51			
5	64QAM	25	0	12.50	12.59	12.61	14	0	
5	256QAM	1	0	12.61	12.58	12.63			
5	256QAM	1	12	12.51	12.63	12.51			
5	256QAM	1	24	12.53	12.63	12.45			
5	256QAM	12	0	12.66	12.64	12.61	14	0	
5	256QAM	12	7	12.53	12.46	12.40			
5	256QAM	12	13	12.39	12.59	12.35			
5	256QAM	25	0	12.48	12.65	12.35			

Band 42 Ant 8 EC110									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	20.04	20.12	19.92	21.2	0	
20	QPSK	1	49	19.90	20.09	19.86			
20	QPSK	1	99	19.88	19.99	19.82			
20	QPSK	50	0	20.07	20.11	19.96	21.2	0	
20	QPSK	50	24	20.03	20.12	19.85			
20	QPSK	50	50	20.00	20.02	19.87			
20	QPSK	100	0	19.99	20.09	19.91	21.2	0	
20	16QAM	1	0	19.92	20.04	19.84			
20	16QAM	1	49	20.01	20.06	19.79			
20	16QAM	1	99	19.86	19.98	19.85	21.2	0	
20	16QAM	50	0	20.05	20.11	19.95			
20	16QAM	50	24	19.99	20.08	19.88			
20	16QAM	50	50	19.89	20.09	19.87	21.2	0	
20	16QAM	100	0	20.09	20.11	19.98			
20	64QAM	1	0	20.01	19.97	19.77			
20	64QAM	1	49	19.94	20.09	19.86	21.2	0	
20	64QAM	1	99	19.89	20.01	19.83			
20	64QAM	50	0	20.10	20.11	19.92			
20	64QAM	50	24	20.06	20.09	19.93	21.2	0	
20	64QAM	50	50	20.07	20.10	19.84			
20	64QAM	100	0	20.01	20.09	19.98			
20	256QAM	1	0	19.04	19.06	18.84	20	1.2	
20	256QAM	1	49	18.95	19.09	18.84			
20	256QAM	1	99	18.88	18.92	18.70			
20	256QAM	50	0	18.97	19.04	18.91	20	1.2	
20	256QAM	50	24	18.88	18.89	18.76			
20	256QAM	50	50	18.82	19.02	18.79			
20	256QAM	100	0	18.76	18.94	18.67			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	20.04	20.11	19.90	21.2	0	
15	QPSK	1	37	19.83	20.01	19.82			
15	QPSK	1	74	19.81	19.88	19.74			
15	QPSK	36	0	20.01	20.07	19.87	21.2	0	
15	QPSK	36	20	20.03	20.05	19.75			
15	QPSK	36	39	20.00	20.02	19.85			
15	QPSK	75	0	19.93	19.98	19.83	21.2	0	
15	16QAM	1	0	19.81	19.96	19.80			
15	16QAM	1	37	19.89	20.04	19.67			
15	16QAM	1	74	19.76	19.97	19.76	21.2	0	
15	16QAM	36	0	20.01	20.09	19.87			
15	16QAM	36	20	19.98	19.96	19.84			
15	16QAM	36	39	19.88	19.98	19.85	21.2	0	
15	16QAM	75	0	19.98	20.11	19.93			
15	64QAM	1	0	19.90	19.91	19.70			
15	64QAM	1	37	19.86	20.09	19.77	21.2	0	
15	64QAM	1	74	19.86	19.89	19.73			
15	64QAM	36	0	20.09	19.99	19.82			
15	64QAM	36	20	19.96	20.08	19.89	21.2	0	
15	64QAM	36	39	20.04	20.01	19.83			
15	64QAM	75	0	19.98	19.98	19.89			
15	256QAM	1	0	18.99	18.95	18.78	20	1.2	
15	256QAM	1	37	18.81	19.06	18.71			
15	256QAM	1	74	18.84	18.80	18.59			
15	256QAM	36	0	18.83	18.98	18.85	20	1.2	
15	256QAM	36	20	18.79	18.83	18.70			
15	256QAM	36	39	18.77	18.92	18.68			
15	256QAM	75	0	18.68	18.89	18.58			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.95	20.08	19.88	21.2	0	
10	QPSK	1	25	19.80	20.07	19.76			
10	QPSK	1	49	19.79	19.98	19.78			
10	QPSK	25	0	20.00	20.10	19.90	21.2	0	
10	QPSK	25	12	19.95	20.08	19.78			
10	QPSK	25	25	19.98	19.93	19.79			
10	QPSK	50	0	19.95	20.08	19.90	21.2	0	
10	16QAM	1	0	19.81	20.00	19.73			
10	16QAM	1	25	19.98	19.94	19.77			
10	16QAM	1	49	19.81	19.96	19.82	21.2	0	
10	16QAM	25	0	19.97	20.03	19.83			
10	16QAM	25	12	19.96	19.97	19.78			
10	16QAM	25	25	19.78	20.00	19.87	21.2	0	
10	16QAM	50	0	20.05	20.00	19.96			
10	64QAM	1	0	19.95	19.87	19.67			
10	64QAM	1	25	19.86	20.08	19.77	21.2	0	
10	64QAM	1	49	19.80	19.89	19.74			
10	64QAM	25	0	19.98	20.04	19.82			
10	64QAM	25	12	19.95	20.04	19.83	21.2	0	
10	64QAM	25	25	20.03	20.09	19.83			
10	64QAM	50	0	19.92	20.02	19.89			
10	256QAM	1	0	18.90	19.03	18.80	20	1.2	
10	256QAM	1	25	18.84	19.02	18.72			
10	256QAM	1	49	18.76	18.81	18.65			
10	256QAM	25	0	18.86	18.99	18.85	20	1.2	
10	256QAM	25	12	18.83	18.79	18.66			
10	256QAM	25	25	18.74	18.98	18.69			
10	256QAM	50	0	18.66	18.82	18.61			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.94	20.09	19.91	21.2	0	
5	QPSK	1	12	19.82	20.06	19.78			
5	QPSK	1	24	19.79	19.93	19.76			
5	QPSK	12	0	20.00	20.03	19.86	21.2	0	
5	QPSK	12	7	19.95	20.07	19.82			
5	QPSK	12	13	19.94	19.99	19.76			
5	QPSK	25	0	19.95	20.08	19.81	21.2	0	
5	16QAM	1	0	19.86	20.02	19.76			
5	16QAM	1	12	19.99	19.96	19.77			
5	16QAM	1	24	19.77	19.88	19.82	21.2	0	
5	16QAM	12	0	20.02	20.05	19.93			
5	16QAM	12	7	19.87	20.05	19.78			
5	16QAM	12	13	19.87	20.00	19.77	21.2	0	
5	16QAM	25	0	20.04	20.09	19.95			
5	64QAM	1	0	19.94	19.97	19.69			
5	64QAM	1	12	19.90	20.08	19.83	21.2	0	
5	64QAM	1	24	19.89	19.93	19.76			
5	64QAM	12	0	20.05	20.05	19.87			
5	64QAM	12	7	20.03	20.05	19.90	21.2	0	
5	64QAM	12	13	20.06	20.05	19.80			
5	64QAM	25	0	19.99	20.01	19.86			
5	256QAM	1	0	18.92	19.02	18.74	20	1.2	
5	256QAM	1	12	18.89	19.07	18.74			
5	256QAM	1	24	18.84	18.88	18.57			
5	256QAM	12	0	18.91	18.98	18.86	20	1.2	
5	256QAM	12	7	18.84	18.85	18.67			
5	256QAM	12	13	18.78	18.89	18.73			
5	256QAM	25	0	18.71	18.91	18.58			

Full&Default Power Mode

n5 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				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.04	23.11	23.08		
20	QPSK	50	28	22.84	22.97	22.95	24.0	0.0
20	QPSK	100	0	22.24	22.28	22.26	23.0	1.0

n66 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				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.69	22.85	22.83		
40	QPSK	108	54	22.81	22.83	22.75	24.0	0.0
40	QPSK	216	0	21.88	21.91	21.82	23.0	1.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.12	23.19	23.14		
100	PV2 BPSK	1	137	23.11	23.17	23.13	24.0	0.0
100	PV2 BPSK	1	271	23.12	23.18	23.15		
100	PV2 BPSK	135	0	22.55	22.58	22.52	23.5	0.5
100	PV2 BPSK	135	69	23.06	23.13	23.07	24.0	0.0
100	PV2 BPSK	135	138	22.56	22.59	22.53		
100	PV2 BPSK	270	0	22.50	22.57	22.57	23.5	0.5
100	QPSK	1	1	23.16	23.21	23.14		
100	QPSK	1	137	23.14	23.19	23.12	24.0	0.0
100	QPSK	1	271	23.11	23.18	23.12		
100	QPSK	135	0	22.09	22.15	22.14	23.0	1.0
100	QPSK	135	69	23.11	23.16	23.15	24.0	0.0
100	QPSK	135	138	22.12	22.12	22.11		
100	QPSK	270	0	22.10	22.20	22.19	23.0	1.0
100	16QAM	1	1	22.15	22.25	22.19	23.0	1.0
100	64QAM	1	1	20.69	20.71	20.68	21.5	2.5
100	256QAM	1	1	18.65	18.68	18.62	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.12	23.20	23.03	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.14	23.07	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.12	23.15	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.14	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.13	23.14	23.12	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.07	23.13	23.10	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.08	23.19	23.08	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.06	23.08	23.11	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.11	23.16	23.06	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.09	23.09	23.06	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.12	23.11	23.09	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.10	23.07	24.0	0.0

n5 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85		
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.87	22.93	22.88		
40	QPSK	108	54	22.72	22.88	22.84	24.0	0.0
40	QPSK	216	0	21.82	21.94	21.93	23.0	1.0

n41 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.78	22.83	22.82		
100	PI/2 BPSK	1	137	22.75	22.80	22.74	24.0	0.0
100	PI/2 BPSK	1	271	22.76	22.81	22.78		
100	PI/2 BPSK	135	0	22.26	22.36	22.34	23.5	0.5
100	PI/2 BPSK	135	69	22.82	22.85	22.80	24.0	0.0
100	PI/2 BPSK	135	138	22.32	22.36	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.33	22.38	22.28		
100	QPSK	1	1	22.80	22.86	22.83		
100	QPSK	1	137	22.78	22.82	22.79	24.0	0.0
100	QPSK	1	271	22.79	22.85	22.81		
100	QPSK	135	0	21.72	21.91	21.86	23.0	1.0
100	QPSK	135	69	22.71	22.92	22.91	24.0	0.0
100	QPSK	135	138	21.75	21.87	21.87		
100	QPSK	270	0	21.77	21.89	21.88	23.0	1.0
100	16QAM	1	1	21.79	21.90	21.83	23.0	1.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.37	18.35	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.79	22.81	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.70	22.85	22.81	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.70	22.84	22.79	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.82	22.81	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.73	22.80	22.73	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.67	22.94	22.73	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.71	22.80	22.71	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.75	22.93	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.80	22.73	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.70	22.83	22.76	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.84	22.71	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.71	22.82	22.79	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.81	22.79	24.0	0.0

n66 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.28	23.45	23.35	24.0	0.0
40	QPSK	108	54	23.30	23.44	23.35	24.0	0.0
40	QPSK	216	0	22.32	22.40	22.38	23.0	1.0

n41 Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	23.60	23.71	23.55	24.0	0.0
100	QPSK	135	69	23.53	23.69	23.61	24.0	0.0
100	QPSK	270	0	23.54	23.68	23.66	24.0	0.0

n66 Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	22.67	22.78	22.75	24.0	0.0
40	QPSK	108	54	22.65	22.74	22.68	24.0	0.0
40	QPSK	216	0	21.70	21.78	21.75	23.0	1.0

n41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	518598	530000		
Frequency (MHz)				2546.01	2592.99	2640		
100	P12 BPSK	1	1	22.89	23.05	22.84		
100	P12 BPSK	1	137	22.82	23.01	22.88		
100	P12 BPSK	1	271	22.84	23.00	22.83		
100	P12 BPSK	135	0	22.46	22.54	22.41	23.5	0.5
100	P12 BPSK	135	69	22.92	23.03	22.86	24.0	0.0
100	P12 BPSK	135	138	22.50	22.55	22.43		
100	P12 BPSK	270	0	22.41	22.55	22.46		
100	QPSK	1	1	22.81	23.09	22.90		
100	QPSK	1	137	22.84	23.08	22.78		
100	QPSK	1	271	22.85	23.04	22.85		
100	QPSK	135	0	21.98	22.05	22.02	23.0	1.0
100	QPSK	135	69	22.95	23.08	22.97	24.0	0.0
100	QPSK	135	138	21.92	22.07	21.92		
100	QPSK	270	0	22.00	22.05	21.90		
100	16QAM	1	1	21.94	22.05	21.86	23.0	1.0
100	64QAM	1	1	20.42	20.53	20.41	21.5	2.5
100	256QAM	1	1	18.46	18.80	18.45	19.5	4.5
Channel				505200	518598	530500		
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.89	23.05	22.86	24.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.87	23.03	22.82	24.0	0.0
Channel				505202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.88	22.99	22.79	24.0	0.0
Channel				505200	518598	531998		
Frequency (MHz)				2536.02	2592.99	2659.98		
60	QPSK	1	1	22.78	22.99	22.76	24.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.98	22.83	24.0	0.0
Channel				503700	518598	533998		
Frequency (MHz)				2518.02	2592.99	2687.48		
45	QPSK	1	1	22.88	23.03	22.86	24.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2513.01	2592.99	2670		
40	QPSK	1	1	22.81	23.04	22.79	24.0	0.0
Channel				502704	518598	534498		
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.81	22.97	22.77	24.0	0.0
Channel				502200	518598	534998		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.79	22.97	22.81	24.0	0.0
Channel				501702	518598	535500		
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.82	23.04	22.80	24.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.78	23.00	22.84	24.0	0.0
Channel				500700	518598	536498		
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.89	23.04	22.89	24.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.84	22.96	22.87	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	P12 BPSK	1	1	22.42	22.51	22.51		
100	P12 BPSK	1	137	22.42	22.50	22.43		
100	P12 BPSK	1	271	22.48	22.52	22.50	24.0	0.0
100	P12 BPSK	135	0	21.94	22.01	22.01	23.5	0.5
100	P12 BPSK	135	69	22.45	22.51	22.48	24.0	0.0
100	P12 BPSK	135	138	22.00	22.05	21.98	23.5	0.5
100	P12 BPSK	270	0	21.91	22.03	22.01		
100	QPSK	1	1	22.46	22.55	22.53		
100	QPSK	1	137	22.51	22.54	22.52	24.0	0.0
100	QPSK	1	271	22.45	22.51	22.52		
100	QPSK	135	0	21.43	21.58	21.48	23.0	1.0
100	QPSK	135	69	22.44	22.52	22.48	24.0	0.0
100	QPSK	135	138	21.32	21.40	21.38	23.0	1.0
100	QPSK	270	0	21.38	21.43	21.41		
100	16QAM	1	1	21.35	21.41	21.34	23.0	1.0
100	64QAM	1	1	19.95	20.08	20.06	21.5	2.5
100	256QAM	1	1	17.95	18.08	18.04	19.5	4.5
Channel				648668	650000	652334		
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.39	22.53	22.48	24.0	0.0
Channel				649334	650000	652668		
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.43	22.45	22.47	24.0	0.0
Channel				649000	650000	653000		
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.43	22.47	22.48	24.0	0.0
Channel				648668	650000	653334		
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.39	22.52	22.50	24.0	0.0
Channel				648334	650000	653668		
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.40	22.47	22.49	24.0	0.0
Channel				648000	650000	654000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.43	22.45	22.50	24.0	0.0
Channel				647668	650000	654334		
Frequency (MHz)				3715.02	3840	3955.01		
30	QPSK	1	1	22.38	22.51	22.44	24.0	0.0
Channel				647500	650000	654500		
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.47	22.51	22.50	24.0	0.0
Channel				647334	650000	654668		
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.40	22.45	22.45	24.0	0.0
Channel				647168	650000	654834		
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.41	22.48	22.46	24.0	0.0
Channel				647000	650000	655000		
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.43	22.45	22.46	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	P12 BPSK	1	1		22.31			
100	P12 BPSK	1	137		22.41		24.0	0.0
100	P12 BPSK	1	271		22.39			
100	P12 BPSK	135	0		21.83		23.5	0.5
100	P12 BPSK	135	69		22.37		24.0	0.0
100	P12 BPSK	135	138		21.95		23.5	0.5
100	P12 BPSK	270	0		21.80			
100	QPSK	1	1		21.29			
100	QPSK	1	137		22.46		24.0	0.0
100	QPSK	1	271		22.43			
100	QPSK	135	0		21.33		23.0	1.0
100	QPSK	135	69		22.38		24.0	0.0
100	QPSK	135	138		21.29		23.0	1.0
100	QPSK	270	0		21.32			
100	16QAM	1	1		21.25		23.0	1.0
100	64QAM	1	1		19.85		21.5	2.5
100	256QAM	1	1		17.93		19.5	4.5
Channel				648668	650000	650334		
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.39	22.40	22.38	24.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.29	22.48	22.40	24.0	0.0
Channel				649000	650000	651000		
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.35	22.45	22.42	24.0	0.0
Channel				648668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.31	22.41	22.43	24.0	0.0
Channel				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.37	22.44	22.44	24.0	0.0
Channel				648000	650000	652000		
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.31	22.42	22.40	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	25.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.78	23.82	23.87	25.0	0.0	
100	PI/2 BPSK	1	137	23.77	23.81	23.78			
100	PI/2 BPSK	1	271	23.79	23.80	23.76	24.5	0.5	
100	PI/2 BPSK	135	0	23.24	23.27	23.20			
100	PI/2 BPSK	135	69	23.80	23.83	23.76	25.0	0.0	
100	PI/2 BPSK	135	138	23.27	23.31	23.21			
100	PI/2 BPSK	270	0	23.31	23.37	23.26	24.5	0.5	
100	QPSK	1	1	23.82	23.89	23.85			
100	QPSK	1	137	23.81	23.84	23.78	25.0	0.0	
100	QPSK	1	271	23.74	23.86	23.80			
100	QPSK	135	0	22.78	22.81	22.76	24.0	1.0	
100	QPSK	135	69	23.78	23.84	23.81			
100	QPSK	135	138	22.73	22.80	22.76	25.0	0.0	
100	QPSK	270	0	22.74	22.77	22.75			
100	16QAM	1	1	22.72	22.73	22.72	24.0	1.0	
100	64QAM	1	1	21.29	21.39	21.30			
100	256QAM	1	1	19.33	19.39	19.34	20.5 4.5		
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	23.74	23.80	23.81	25.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	23.73	23.79	23.81	25.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	23.78	23.80	23.81	25.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	23.79	23.81	23.78	25.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	23.71	23.78	23.83	25.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	23.75	23.86	23.85	25.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	23.73	23.83	23.82	25.0	0.0	
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	23.79	23.77	23.81	25.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	23.81	23.83	23.80	25.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	23.75	23.83	23.84	25.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	23.80	23.78	23.85	25.0	0.0	

Part270 n78 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				650000	650000	650000	25.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		23.75		25.0	0.0	
100	PI/2 BPSK	1	137		23.73				
100	PI/2 BPSK	1	271		23.74		24.5	0.5	
100	PI/2 BPSK	135	0		23.16				
100	PI/2 BPSK	135	69		23.72		25.0	0.0	
100	PI/2 BPSK	135	138		23.20				
100	PI/2 BPSK	270	0		23.27		24.5	0.5	
100	QPSK	1	1		23.76				
100	QPSK	1	137		23.71		25.0	0.0	
100	QPSK	1	271		23.69				
100	QPSK	135	0		22.67		24.0	1.0	
100	QPSK	135	69		23.70				
100	QPSK	135	138		22.68		25.0	0.0	
100	QPSK	270	0		22.63				
100	16QAM	1	1		22.67		24.0	1.0	
100	64QAM	1	1		21.28				
100	256QAM	1	1		19.22		20.5 4.5		
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	23.71	23.74	23.70	25.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	23.62	23.74	23.66	25.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	23.62	23.72	23.67	25.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	23.69	23.73	23.64	25.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	23.67	23.71	23.63	25.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	23.64	23.74	23.67	25.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	23.62	23.70	23.66	25.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	23.62	23.74	23.62	25.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	23.60	23.71	23.61	25.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	23.69	23.74	23.63	25.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	23.62	23.70	23.67	25.0	0.0	

Part270 n77 Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	22.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.91	20.92	20.92	22.0	0.0	
100	PI/2 BPSK	1	137	20.78	20.78	20.74			
100	PI/2 BPSK	1	271	20.80	20.80	20.74			
100	PI/2 BPSK	135	0	20.37	20.36	20.35			
100	PI/2 BPSK	135	69	20.85	20.89	20.88	22.0	0.0	
100	PI/2 BPSK	135	138	20.43	20.44	20.47	21.5	0.5	
100	PI/2 BPSK	270	0	20.50	20.51	20.46			
100	QPSK	1	1	20.95	21.01	20.99	22.0	0.0	
100	QPSK	1	137	20.93	20.90	20.84			
100	QPSK	1	271	20.92	20.94	20.92	21.0	1.0	
100	QPSK	135	0	19.94	19.82	19.81			
100	QPSK	135	69	20.86	20.92	20.91	22.0	0.0	
100	QPSK	135	138	19.80	19.85	19.78	21.0	1.0	
100	QPSK	270	0	19.87	19.88	19.86			
100	16QAM	1	1	19.69	19.77	19.69	21.0	1.0	
100	64QAM	1	1	18.39	18.41	18.44	19.5	2.5	
100	256QAM	1	1	16.41	16.45	16.41	17.5	4.5	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	20.82	20.89	20.85	22.0	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	20.85	20.96	20.86	22.0	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3940	3945	(dBm)	(dB)	
70	QPSK	1	1	20.83	20.99	20.91	22.0	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	20.83	20.90	20.94	22.0	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	20.85	20.87	20.95	22.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	20.89	20.95	20.90	22.0	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	20.82	20.94	20.89	22.0	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	20.87	20.92	20.86	22.0	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	20.83	20.97	20.86	22.0	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	20.90	20.92	20.88	22.0	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	20.91	20.89	20.95	22.0	0.0	

Part270 n78 Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	22.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		20.85		22.0	0.0	
100	PI/2 BPSK	1	137		20.70				
100	PI/2 BPSK	1	271		20.67				
100	PI/2 BPSK	135	0		20.30				
100	PI/2 BPSK	135	69		20.79		22.0	0.0	
100	PI/2 BPSK	135	138		20.30		21.5	0.5	
100	PI/2 BPSK	270	0		20.49				
100	QPSK	1	1		20.94		22.0	0.0	
100	QPSK	1	137		20.78				
100	QPSK	1	271		20.88		21.0	1.0	
100	QPSK	135	0		19.79				
100	QPSK	135	69		20.88		22.0	0.0	
100	QPSK	135	138		19.72		21.0	1.0	
100	QPSK	270	0		19.84				
100	16QAM	1	1		19.68		21.0	1.0	
100	64QAM	1	1		18.34		19.5	2.5	
100	256QAM	1	1		16.33		17.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.74	20.83	20.76	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.70	20.78	20.80	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.75	20.79	20.73	22.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.72	20.77	20.74	22.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.70	20.78	20.83	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.76	20.83	20.77	22.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.76	20.84	20.78	22.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	20.72	20.83	20.73	22.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.70	20.78	20.77	22.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.71	20.79	20.72	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.70	20.75	20.76	22.0	0.0	

Reduced Power Mode for ECI2

n5 Ant 0 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.04	23.11	23.08		
20	QPSK	50	28	22.84	22.97	22.95	24.0	0.0
20	QPSK	100	0	22.24	22.28	22.26	23.0	1.0

n66 Ant 0 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.69	22.85	22.83		
40	QPSK	108	54	22.81	22.83	22.75	24.0	0.0
40	QPSK	216	0	21.88	21.91	21.82	23.0	1.0

n41 Ant 0 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.12	23.19	23.14		
100	PV2 BPSK	1	137	23.11	23.17	23.13	24.0	0.0
100	PV2 BPSK	1	271	23.12	23.18	23.15		
100	PV2 BPSK	135	0	22.55	22.58	22.52	23.5	0.5
100	PV2 BPSK	135	69	23.06	23.13	23.07	24.0	0.0
100	PV2 BPSK	135	138	22.56	22.59	22.53		
100	PV2 BPSK	270	0	22.50	22.57	22.57	23.5	0.5
100	QPSK	1	1	23.16	23.21	23.14		
100	QPSK	1	137	23.14	23.19	23.12	24.0	0.0
100	QPSK	1	271	23.11	23.18	23.12		
100	QPSK	135	0	22.09	22.15	22.14	23.0	1.0
100	QPSK	135	69	23.11	23.16	23.15	24.0	0.0
100	QPSK	135	138	22.12	22.12	22.11		
100	QPSK	270	0	22.10	22.20	22.19	23.0	1.0
100	16QAM	1	1	22.15	22.25	22.19	23.0	1.0
100	64QAM	1	1	20.69	20.71	20.68	21.5	2.5
100	256QAM	1	1	18.65	18.68	18.62	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.12	23.20	23.03	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.14	23.07	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.12	23.15	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.14	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.13	23.14	23.12	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.07	23.13	23.10	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.08	23.19	23.08	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.06	23.08	23.11	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.11	23.16	23.06	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.09	23.09	23.06	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.12	23.11	23.09	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.10	23.07	24.0	0.0

n5 Ant 1 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85		
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.87	22.93	22.88		
40	QPSK	108	54	22.72	22.88	22.84	24.0	0.0
40	QPSK	216	0	21.82	21.94	21.93	23.0	1.0

n41 Ant 1 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.78	22.83	22.82		
100	PI/2 BPSK	1	137	22.75	22.80	22.74	24.0	0.0
100	PI/2 BPSK	1	271	22.76	22.81	22.78		
100	PI/2 BPSK	135	0	22.26	22.36	22.34	23.5	0.5
100	PI/2 BPSK	135	69	22.82	22.85	22.80	24.0	0.0
100	PI/2 BPSK	135	138	22.32	22.36	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.33	22.38	22.28		
100	QPSK	1	1	22.80	22.86	22.83		
100	QPSK	1	137	22.78	22.82	22.79	24.0	0.0
100	QPSK	1	271	22.79	22.85	22.81		
100	QPSK	135	0	21.72	21.91	21.86	23.0	1.0
100	QPSK	135	69	22.71	22.92	22.91	24.0	0.0
100	QPSK	135	138	21.75	21.87	21.87		
100	QPSK	270	0	21.77	21.89	21.88	23.0	1.0
100	16QAM	1	1	21.79	21.90	21.83	23.0	1.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.37	18.35	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.79	22.81	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.70	22.85	22.81	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.70	22.84	22.79	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.82	22.81	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.73	22.80	22.73	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.67	22.94	22.73	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.71	22.80	22.71	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.75	22.93	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.80	22.73	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.70	22.83	22.76	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.84	22.71	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.71	22.82	22.79	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.81	22.79	24.0	0.0

n66 Ant 2 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.32	15.38	15.36	16.1	0.0
40	QPSK	108	54	15.30	15.32	15.28	16.1	0.0
40	QPSK	216	0	15.25	15.26	15.22	16.1	0.0

n41 Ant 2 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	15.43	15.47	15.42	15.8	0.0
100	QPSK	135	69	15.41	15.45	15.40	15.8	0.0
100	QPSK	270	0	15.29	15.39	15.35	15.8	0.0

n66 Ant 3 ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	17.56	17.59	17.55	18.5	0.0
40	QPSK	108	54	17.49	17.57	17.51	18.5	0.0
40	QPSK	216	0	17.48	17.54	17.50	18.5	0.0

Reduced Power Mode for ECI3

n5 Ant 0 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.04	23.11	23.08		
20	QPSK	50	28	22.84	22.97	22.95	24.0	0.0
20	QPSK	100	0	22.24	22.28	22.26	23.0	1.0

n66 Ant 0 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	23.8	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.59	22.65	22.61		
40	QPSK	108	54	22.60	22.62	22.58	23.8	0.0
40	QPSK	216	0	21.77	21.86	21.76	23.0	0.8

n41 Ant 0 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.12	23.19	23.14		
100	PI/2 BPSK	1	137	23.11	23.17	23.13	24.0	0.0
100	PI/2 BPSK	1	271	23.12	23.18	23.15		
100	PI/2 BPSK	135	0	22.55	22.58	22.52	23.5	0.5
100	PI/2 BPSK	135	69	23.06	23.13	23.07	24.0	0.0
100	PI/2 BPSK	135	138	22.56	22.59	22.53		
100	PI/2 BPSK	270	0	22.50	22.57	22.57	23.5	0.5
100	QPSK	1	1	23.16	23.21	23.14		
100	QPSK	1	137	23.14	23.19	23.12	24.0	0.0
100	QPSK	1	271	23.11	23.18	23.12		
100	QPSK	135	0	22.09	22.15	22.14	23.0	1.0
100	QPSK	135	69	23.11	23.16	23.15	24.0	0.0
100	QPSK	135	138	22.12	22.12	22.11		
100	QPSK	270	0	22.10	22.20	22.19	23.0	1.0
100	16QAM	1	1	22.15	22.25	22.19	23.0	1.0
100	64QAM	1	1	20.69	20.71	20.68	21.5	2.5
100	256QAM	1	1	18.65	18.68	18.62	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.12	23.20	23.03	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.14	23.07	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.12	23.15	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.14	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.13	23.14	23.12	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.07	23.13	23.10	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.08	23.19	23.08	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.06	23.08	23.11	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.11	23.16	23.06	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.09	23.09	23.06	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.12	23.11	23.09	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.10	23.07	24.0	0.0

n5 Ant 1 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85		
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	23.5	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.46	22.49	22.44		
40	QPSK	108	54	22.40	22.45	22.39	23.5	0.0
40	QPSK	216	0	21.86	21.92	21.90	23.0	0.5

n41 Ant 1 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	22.78	22.83	22.82		
100	PV2 BPSK	1	137	22.75	22.80	22.74	24.0	0.0
100	PV2 BPSK	1	271	22.76	22.81	22.78		
100	PV2 BPSK	135	0	22.26	22.36	22.34	23.5	0.5
100	PV2 BPSK	135	69	22.82	22.85	22.80	24.0	0.0
100	PV2 BPSK	135	138	22.32	22.36	22.29	23.5	0.5
100	PV2 BPSK	270	0	22.33	22.38	22.28		
100	QPSK	1	1	22.80	22.86	22.83		
100	QPSK	1	137	22.78	22.82	22.79	24.0	0.0
100	QPSK	1	271	22.79	22.85	22.81		
100	QPSK	135	0	21.72	21.91	21.86	23.0	1.0
100	QPSK	135	69	22.71	22.92	22.91	24.0	0.0
100	QPSK	135	138	21.75	21.87	21.87		
100	QPSK	270	0	21.77	21.89	21.88	23.0	1.0
100	16QAM	1	1	21.79	21.90	21.83	23.0	1.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.37	18.35	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.79	22.81	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.70	22.85	22.81	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.70	22.84	22.79	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.82	22.81	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.73	22.80	22.73	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.67	22.94	22.73	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.71	22.80	22.71	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.75	22.93	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.80	22.73	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.70	22.83	22.76	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.84	22.71	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.71	22.82	22.79	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.81	22.79	24.0	0.0

n66 Ant 2 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1793	1745	1769		
40	QPSK	1	1	18.41	18.45	18.44	19.3	0.0
40	QPSK	108	54	18.38	18.41	18.36	19.3	0.0
40	QPSK	216	0	18.34	18.39	18.33	19.3	0.0

n41 Ant 2 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.95	17.98	17.96	19.0	0.0
100	QPSK	135	69	17.86	17.96	17.87	19.0	0.0
100	QPSK	270	0	17.86	17.91	17.82	19.0	0.0

n66 Ant 3 ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	20.64	20.70	20.62	21.6	0.0
40	QPSK	108	54	20.65	20.68	20.66	21.6	0.0
40	QPSK	216	0	20.57	20.63	20.61	21.6	0.0

Reduced Power Mode for ECI5

n5 Ant 0 ECI 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				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.83	22.90	22.86		
20	QPSK	50	28	22.85	22.88	22.84	24.0	0.0
20	QPSK	100	0	22.80	22.85	22.80	23.0	1.0

n66 Ant 0 ECI 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				346000	349000	352000	21.2	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.14	20.15	20.11		
40	QPSK	108	54	20.10	20.13	20.08	21.2	0.0
40	QPSK	216	0	19.97	20.10	19.96	21.2	0.0

n41 Ant 0 ECI 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.55	21.62	21.40	22.7	0.0
100	PI/2 BPSK	1	137	21.58	21.57	21.42		
100	PI/2 BPSK	1	271	21.59	21.53	21.42		
100	PI/2 BPSK	135	0	21.51	21.57	21.42		
100	PI/2 BPSK	135	69	21.58	21.58	21.44	22.7	0.0
100	PI/2 BPSK	135	138	21.51	21.52	21.38	22.7	0.0
100	PI/2 BPSK	270	0	21.60	21.61	21.44		
100	QPSK	1	1	21.65	21.72	21.68	22.7	0.0
100	QPSK	1	137	21.51	21.57	21.42		
100	QPSK	1	271	21.54	21.55	21.40		
100	QPSK	135	0	21.61	21.54	21.47		
100	QPSK	135	69	21.66	21.69	21.64	22.7	0.0
100	QPSK	135	138	21.50	21.53	21.44	22.7	0.0
100	QPSK	270	0	21.64	21.65	21.52		
100	16QAM	1	1	21.58	21.52	21.50	22.7	0.0
100	64QAM	1	1	20.41	20.40	20.34	21.5	1.2
100	256QAM	1	1	18.42	18.44	18.28	19.5	3.2
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.55	21.59	21.38	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.56	21.52	21.48	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.58	21.63	21.39	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.61	21.54	21.43	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.62	21.57	21.45	22.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.61	21.66	21.57	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.53	21.63	21.45	22.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.62	21.59	21.64	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.61	21.55	21.48	22.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.54	21.63	21.58	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.57	21.55	21.40	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.50	21.56	21.41	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.59	21.63	21.41	22.7	0.0

n5 Ant 1 ECI 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85	24.0	0.0
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 ECI 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.00	21.06	21.03	22.0	0.0
40	QPSK	108	54	20.95	21.00	20.94	22.0	0.0
40	QPSK	216	0	20.82	20.94	20.91	22.0	0.0

n41 Ant 1 ECI 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.78	22.83	22.82		
100	PI/2 BPSK	1	137	22.75	22.80	22.74	24.0	0.0
100	PI/2 BPSK	1	271	22.76	22.81	22.78		
100	PI/2 BPSK	135	0	22.26	22.36	22.34	23.5	0.5
100	PI/2 BPSK	135	69	22.82	22.85	22.80	24.0	0.0
100	PI/2 BPSK	135	138	22.32	22.36	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.33	22.38	22.28		
100	QPSK	1	1	22.80	22.86	22.83		
100	QPSK	1	137	22.78	22.82	22.79	24.0	0.0
100	QPSK	1	271	22.79	22.85	22.81		
100	QPSK	135	0	21.72	21.91	21.86	23.0	1.0
100	QPSK	135	69	22.71	22.92	22.91	24.0	0.0
100	QPSK	135	138	21.75	21.87	21.87		
100	QPSK	270	0	21.77	21.89	21.88	23.0	1.0
100	16QAM	1	1	21.79	21.90	21.83	23.0	1.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.37	18.35	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.79	22.81	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.70	22.85	22.81	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.70	22.84	22.79	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.82	22.81	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.73	22.80	22.73	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.67	22.94	22.73	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.71	22.80	22.71	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.75	22.93	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.80	22.73	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.70	22.83	22.76	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.84	22.71	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.71	22.82	22.79	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.81	22.79	24.0	0.0

n66 Ant 2 ECI 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				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	19.96	19.99	19.94	20.8	0.0
40	QPSK	108	54	19.90	19.94	19.89	20.8	0.0
40	QPSK	216	0	19.86	19.89	19.80	20.8	0.0

n41 Ant 2 ECI 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.94	17.98	17.95	19.1	0.0
100	QPSK	135	69	17.83	17.95	17.89	19.1	0.0
100	QPSK	270	0	17.81	17.88	17.85	19.1	0.0

n66 Ant 3 ECI 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				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	22.67	22.78	22.75	24.0	0.0
40	QPSK	108	54	22.65	22.74	22.68	24.0	0.0
40	QPSK	216	0	21.70	21.78	21.75	23.0	1.0

Part270 n77 Ant 4 ECI 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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.26	21.32	21.19	22.8	0.0	
100	PI/2 BPSK	1	137	21.21	21.30	21.22			
100	PI/2 BPSK	1	271	21.19	21.29	21.22			
100	PI/2 BPSK	135	0	21.21	21.28	21.19			
100	PI/2 BPSK	135	69	21.24	21.34	21.28	22.8	0.0	
100	PI/2 BPSK	135	138	21.24	21.31	21.25	22.8	0.0	
100	PI/2 BPSK	270	0	21.21	21.32	21.21			
100	QPSK	1	1	21.44	21.47	21.42	22.8	0.0	
100	QPSK	1	137	21.19	21.35	21.25			
100	QPSK	1	271	21.23	21.35	21.24			
100	QPSK	135	0	21.23	21.30	21.27			
100	QPSK	135	69	21.40	21.45	21.38	22.8	0.0	
100	QPSK	135	138	21.21	21.30	21.26	22.8	0.0	
100	QPSK	270	0	21.30	21.38	21.32			
100	16QAM	1	1	21.26	21.27	21.26	22.8	0.0	
100	64QAM	1	1	21.08	21.20	21.08	22.5	0.3	
100	256QAM	1	1	19.08	19.17	19.09	20.5	2.3	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	21.18	21.30	21.27	22.8	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	1	21.24	21.26	21.20	22.8	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)		
70	QPSK	1	1	21.19	21.30	21.25	22.8	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	1	21.21	21.33	21.30	22.8	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	1	21.18	21.29	21.23	22.8	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	21.27	21.36	21.28	22.8	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	1	21.22	21.36	21.28	22.8	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)		
25	QPSK	1	1	21.25	21.36	21.21	22.8	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	1	21.23	21.25	21.26	22.8	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	1	21.21	21.31	21.19	22.8	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	1	21.18	21.25	21.23	22.8	0.0	

Part270 n78 Ant 4 ECI 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				650000	650000	650000	3750		
Frequency (MHz)									
100	PI/2 BPSK	1	1		21.27		22.8	0.0	
100	PI/2 BPSK	1	137		21.18				
100	PI/2 BPSK	1	271		21.19				
100	PI/2 BPSK	135	0		21.18				
100	PI/2 BPSK	135	69		21.23		22.8	0.0	
100	PI/2 BPSK	135	138		21.25		22.8	0.0	
100	PI/2 BPSK	270	0		21.20				
100	QPSK	1	1		21.44		22.8	0.0	
100	QPSK	1	137		21.33				
100	QPSK	1	271		21.30				
100	QPSK	135	0		21.21				
100	QPSK	135	69		21.38		22.8	0.0	
100	QPSK	135	138		21.18		22.8	0.0	
100	QPSK	270	0		21.32				
100	16QAM	1	1		21.20		22.8	0.0	
100	64QAM	1	1		21.14		22.5	0.3	
100	256QAM	1	1		19.06		20.5	2.3	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	21.11	21.25	21.18	22.8	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	21.15	21.27	21.20	22.8	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	21.06	21.22	21.15	22.8	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	21.06	21.21	21.16	22.8	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	21.16	21.27	21.14	22.8	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	21.13	21.21	21.22	22.8	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	21.07	21.23	21.18	22.8	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	21.07	21.24	21.23	22.8	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	21.13	21.22	21.15	22.8	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	21.13	21.21	21.24	22.8	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	21.09	21.24	21.23	22.8	0.0	

Part270 n77 Ant 6 ECI 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				650000	656000	662000	19.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.28	18.38	18.37	19.6	0.0	
100	PI/2 BPSK	1	137	18.33	18.38	18.34			
100	PI/2 BPSK	1	271	18.29	18.35	18.32	19.6	0.0	
100	PI/2 BPSK	135	0	18.27	18.37	18.34			
100	PI/2 BPSK	135	69	18.27	18.37	18.36	19.6	0.0	
100	PI/2 BPSK	135	138	18.27	18.39	18.43			
100	PI/2 BPSK	270	0	18.31	18.44	18.37	19.6	0.0	
100	QPSK	1	1	18.50	18.55	18.51			
100	QPSK	1	137	18.28	18.43	18.39	19.6	0.0	
100	QPSK	1	271	18.35	18.41	18.41			
100	QPSK	135	0	18.27	18.34	18.40	19.6	0.0	
100	QPSK	135	69	18.46	18.50	18.41			
100	QPSK	135	138	18.31	18.43	18.38	19.6	0.0	
100	QPSK	270	0	18.38	18.48	18.46			
100	16QAM	1	1	18.35	18.41	18.43	19.6	0.0	
100	64QAM	1	1	18.33	18.34	18.33			
100	256QAM	1	1	16.33	16.41	16.36	17.5	2.1	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	18.26	18.34	18.33	19.6	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	18.26	18.37	18.34	19.6	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3725	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	18.28	18.35	18.42	19.6	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	18.35	18.36	18.42	19.6	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	18.24	18.41	18.35	19.6	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	18.27	18.37	18.43	19.6	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	18.26	18.43	18.42	19.6	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	18.31	18.40	18.40	19.6	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	18.26	18.35	18.35	19.6	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	18.32	18.45	18.43	19.6	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	18.33	18.42	18.38	19.6	0.0	

Part270 n78 Ant 6 ECI 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				650000	650000	650000	19.6	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		18.24		19.6	0.0	
100	PI/2 BPSK	1	137		18.28				
100	PI/2 BPSK	1	271		18.23		19.6	0.0	
100	PI/2 BPSK	135	0		18.32				
100	PI/2 BPSK	135	69		18.31		19.6	0.0	
100	PI/2 BPSK	135	138		18.28				
100	PI/2 BPSK	270	0		18.39		19.6	0.0	
100	QPSK	1	1		18.48				
100	QPSK	1	137		18.37		19.6	0.0	
100	QPSK	1	271		18.37				
100	QPSK	135	0		18.26		19.6	0.0	
100	QPSK	135	69		18.45				
100	QPSK	135	138		18.34		19.6	0.0	
100	QPSK	270	0		18.35				
100	16QAM	1	1		18.29		19.6	0.0	
100	64QAM	1	1		18.25				
100	256QAM	1	1		16.37		17.5	2.1	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	18.14	18.22	18.30	19.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	18.17	18.27	18.28	19.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3725	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	18.23	18.23	18.31	19.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	18.19	18.28	18.21	19.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	18.24	18.23	18.20	19.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	18.13	18.30	18.24	19.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	18.22	18.29	18.21	19.6	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	18.17	18.24	18.27	19.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	18.15	18.28	18.21	19.6	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	18.21	18.24	18.29	19.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	18.16	18.24	18.19	19.6	0.0	

Part270 n77 Ant 8 ECI 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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.40	21.47	21.46	22.9	0.0	
100	PI/2 BPSK	1	137	21.44	21.58	21.42			
100	PI/2 BPSK	1	271	21.51	21.57	21.51			
100	PI/2 BPSK	135	0	21.42	21.51	21.49	22.9	0.0	
100	PI/2 BPSK	135	69	21.49	21.57	21.48	22.9	0.0	
100	PI/2 BPSK	135	138	21.51	21.50	21.51	22.9	0.0	
100	PI/2 BPSK	270	0	21.48	21.51	21.45			
100	QPSK	1	1	21.65	21.70	21.68			
100	QPSK	1	137	21.44	21.52	21.46	22.9	0.0	
100	QPSK	1	271	21.45	21.57	21.51			
100	QPSK	135	0	21.52	21.47	21.48			
100	QPSK	135	69	21.62	21.66	21.61	22.9	0.0	
100	QPSK	135	138	21.50	21.53	21.47	22.9	0.0	
100	QPSK	270	0	21.54	21.61	21.53			
100	16QAM	1	1	21.51	21.57	21.42			
100	64QAM	1	1	20.24	20.27	20.25	21.5	1.4	
100	256QAM	1	1	18.29	18.33	18.26	21.9	3.4	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	21.49	21.50	21.48	22.9	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	21.46	21.51	21.41	22.9	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	21.45	21.52	21.47	22.9	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	21.46	21.58	21.42	22.9	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	21.48	21.56	21.50	22.9	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	21.46	21.48	21.42	22.9	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	21.42	21.52	21.50	22.9	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	21.47	21.49	21.51	22.9	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	21.51	21.52	21.51	22.9	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	21.50	21.54	21.40	22.9	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	21.50	21.52	21.48	22.9	0.0	

Part270 n78 Ant 8 ECI 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				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		21.45		22.9	0.0	
100	PI/2 BPSK	1	137		21.52				
100	PI/2 BPSK	1	271		21.43		22.9	0.0	
100	PI/2 BPSK	135	0		21.41				
100	PI/2 BPSK	135	69		21.48		22.9	0.0	
100	PI/2 BPSK	135	138		21.44				
100	PI/2 BPSK	270	0		21.45		22.9	0.0	
100	QPSK	1	1		21.56				
100	QPSK	1	137		21.42		22.9	0.0	
100	QPSK	1	271		21.46				
100	QPSK	135	0		21.37		22.9	0.0	
100	QPSK	135	69		21.52				
100	QPSK	135	138		21.46		22.9	0.0	
100	QPSK	270	0		21.47				
100	16QAM	1	1		21.52		22.9	0.0	
100	64QAM	1	1		20.21				
100	256QAM	1	1		18.30		19.5 3.4		
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	21.41	21.40	21.35	22.9	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	21.37	21.42	21.46	22.9	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	21.36	21.40	21.42	22.9	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	21.45	21.48	21.34	22.9	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	21.44	21.43	21.41	22.9	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	21.37	21.41	21.46	22.9	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	21.37	21.46	21.35	22.9	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	21.47	21.40	21.35	22.9	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	21.44	21.37	21.35	22.9	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	21.43	21.48	21.40	22.9	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	21.46	21.46	21.41	22.9	0.0	

Reduced Power Mode for ECI6

n5 Ant 0 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.04	23.11	23.08		
20	QPSK	50	28	22.84	22.97	22.95	24.0	0.0
20	QPSK	100	0	22.24	22.28	22.26	23.0	1.0

n66 Ant 0 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.69	22.85	22.83		
40	QPSK	108	54	22.81	22.83	22.75	24.0	0.0
40	QPSK	216	0	21.88	21.91	21.82	23.0	1.0

n41 Ant 0 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	23.12	23.19	23.14		
100	PV2 BPSK	1	137	23.11	23.17	23.13	24.0	0.0
100	PV2 BPSK	1	271	23.12	23.18	23.15		
100	PV2 BPSK	135	0	22.55	22.58	22.52	23.5	0.5
100	PV2 BPSK	135	69	23.06	23.13	23.07	24.0	0.0
100	PV2 BPSK	135	138	22.56	22.59	22.53		
100	PV2 BPSK	270	0	22.50	22.57	22.57	23.5	0.5
100	QPSK	1	1	23.16	23.21	23.14		
100	QPSK	1	137	23.14	23.19	23.12	24.0	0.0
100	QPSK	1	271	23.11	23.18	23.12		
100	QPSK	135	0	22.09	22.15	22.14	23.0	1.0
100	QPSK	135	69	23.11	23.16	23.15	24.0	0.0
100	QPSK	135	138	22.12	22.12	22.11		
100	QPSK	270	0	22.10	22.20	22.19	23.0	1.0
100	16QAM	1	1	22.15	22.25	22.19	23.0	1.0
100	64QAM	1	1	20.69	20.71	20.68	21.5	2.5
100	256QAM	1	1	18.65	18.68	18.62	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.12	23.20	23.03	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.08	23.14	23.07	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.12	23.15	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.14	23.03	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.13	23.14	23.12	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.07	23.13	23.10	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.08	23.19	23.08	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.06	23.08	23.11	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.11	23.16	23.06	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.09	23.09	23.06	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.18	23.05	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.12	23.11	23.09	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.10	23.07	24.0	0.0

n5 Ant 1 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85		
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.87	22.93	22.88		
40	QPSK	108	54	22.72	22.88	22.84	24.0	0.0
40	QPSK	216	0	21.82	21.94	21.93	23.0	1.0

n41 Ant 1 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.78	22.83	22.82		
100	PI/2 BPSK	1	137	22.75	22.80	22.74	24.0	0.0
100	PI/2 BPSK	1	271	22.76	22.81	22.78		
100	PI/2 BPSK	135	0	22.26	22.36	22.34	23.5	0.5
100	PI/2 BPSK	135	69	22.82	22.85	22.80	24.0	0.0
100	PI/2 BPSK	135	138	22.32	22.36	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.33	22.38	22.28		
100	QPSK	1	1	22.80	22.86	22.83		
100	QPSK	1	137	22.78	22.82	22.79	24.0	0.0
100	QPSK	1	271	22.79	22.85	22.81		
100	QPSK	135	0	21.72	21.91	21.86	23.0	1.0
100	QPSK	135	69	22.71	22.92	22.91	24.0	0.0
100	QPSK	135	138	21.75	21.87	21.87		
100	QPSK	270	0	21.77	21.89	21.88	23.0	1.0
100	16QAM	1	1	21.79	21.90	21.83	23.0	1.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	2.5
100	256QAM	1	1	18.28	18.37	18.35	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.79	22.81	22.74	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.70	22.85	22.81	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.70	22.84	22.79	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.82	22.81	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.73	22.80	22.73	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.67	22.94	22.73	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.71	22.80	22.71	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.75	22.93	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.78	22.80	22.73	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.70	22.83	22.76	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.84	22.71	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.71	22.82	22.79	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.76	22.81	22.79	24.0	0.0

n66 Ant 2 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.94	20.96	20.92	21.9	0.0
40	QPSK	108	54	20.90	20.94	20.87	21.9	0.0
40	QPSK	216	0	20.87	20.90	20.75	21.9	0.0

n41 Ant 2 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.94	20.99	20.96	21.6	0.0
100	QPSK	135	69	20.88	20.94	20.91	21.6	0.0
100	QPSK	270	0	20.83	20.89	20.87	21.6	0.0

n66 Ant 3 ECI 6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	21.66	21.69	21.62	22.9	0.0
40	QPSK	108	54	21.64	21.66	21.58	22.9	0.0
40	QPSK	216	0	21.55	21.63	21.53	22.9	0.0

n41 Ant 3 ECI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	518598	530000		
Frequency (MHz)				2546.01	2592.99	2640		
100	P12 BPSK	1	1	21.84	21.87	21.78		
100	P12 BPSK	1	137	21.89	21.95	21.81	23.1	0.0
100	P12 BPSK	1	271	21.94	21.87	21.81		
100	P12 BPSK	135	0	21.87	21.87	21.79	23.1	0.0
100	P12 BPSK	135	69	21.86	21.90	21.81	23.1	0.0
100	P12 BPSK	135	138	21.96	21.87	21.83	23.1	0.0
100	P12 BPSK	270	0	21.92	21.87	21.80		
100	QPSK	1	1	22.05	22.10	22.03		
100	QPSK	1	137	21.87	21.92	21.81	23.1	0.0
100	QPSK	1	271	21.95	21.98	21.85		
100	QPSK	135	0	21.87	21.97	21.78	23.0	0.1
100	QPSK	135	69	22.02	22.04	22.00	23.1	0.0
100	QPSK	135	138	21.87	21.96	21.88	23.0	0.1
100	QPSK	270	0	21.98	22.00	21.91		
100	16QAM	1	1	21.88	21.95	21.81	23.0	0.1
100	64QAM	1	1	20.49	20.53	20.40	21.5	1.6
100	256QAM	1	1	18.47	18.51	18.43	19.5	3.6
Channel				505200	518598	530000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.93	21.88	21.78	23.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.89	21.89	21.82	23.1	0.0
Channel				505202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.94	21.94	21.83	23.1	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536	2592.99	2659.99		
60	QPSK	1	1	21.86	21.92	21.84	23.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.87	21.87	21.83	23.1	0.0
Channel				503702	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.00	22.05	21.89	23.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.01	2592.99	2670		
40	QPSK	1	1	21.94	21.97	21.79	23.1	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.00	21.97	21.91	23.1	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.85	21.92	21.80	23.1	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.97	21.97	21.92	23.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.89	21.98	21.80	23.1	0.0
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.89	21.92	21.81	23.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.96	21.91	21.79	23.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	P12 BPSK	1	1	22.42	22.51	22.51		
100	P12 BPSK	1	137	22.42	22.50	22.43	24.0	0.0
100	P12 BPSK	1	271	22.48	22.52	22.50		
100	P12 BPSK	135	0	21.94	22.01	22.01	23.5	0.5
100	P12 BPSK	135	69	22.45	22.51	22.48	24.0	0.0
100	P12 BPSK	135	138	22.00	22.02	21.98	23.5	0.5
100	P12 BPSK	270	0	21.91	22.03	22.01		
100	QPSK	1	1	22.46	22.55	22.53		
100	QPSK	1	137	22.51	22.54	22.52	24.0	0.0
100	QPSK	1	271	22.45	22.51	22.52		
100	QPSK	135	0	21.43	21.58	21.48	23.0	1.0
100	QPSK	135	69	22.44	22.52	22.48	24.0	0.0
100	QPSK	135	138	21.32	21.40	21.38	23.0	1.0
100	QPSK	270	0	21.38	21.43	21.41		
100	16QAM	1	1	21.35	21.41	21.34	23.0	1.0
100	64QAM	1	1	19.95	20.08	20.06	21.5	2.5
100	256QAM	1	1	17.95	18.08	18.04	19.5	4.5
Channel				648668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.39	22.53	22.48	24.0	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.43	22.45	22.47	24.0	0.0
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.43	22.47	22.48	24.0	0.0
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.39	22.52	22.50	24.0	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.40	22.47	22.49	24.0	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.43	22.45	22.50	24.0	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.02	3840	3953.01		
30	QPSK	1	1	22.38	22.51	22.44	24.0	0.0
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.47	22.51	22.50	24.0	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.40	22.45	22.45	24.0	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.41	22.48	22.46	24.0	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.43	22.45	22.46	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	P12 BPSK	1	1		22.31		24.0	0.0
100	P12 BPSK	1	137		22.41			
100	P12 BPSK	1	271		22.39			
100	P12 BPSK	135	0		21.83		23.5	0.5
100	P12 BPSK	135	69		22.37		24.0	0.0
100	P12 BPSK	135	138		21.95		23.5	0.5
100	P12 BPSK	270	0		21.80			
100	QPSK	1	1		22.46		24.0	0.0
100	QPSK	1	137		22.46			
100	QPSK	1	271		22.43			
100	QPSK	135	0		21.33		23.0	1.0
100	QPSK	135	69		22.38		24.0	0.0
100	QPSK	135	138		21.29		23.0	1.0
100	QPSK	270	0		21.32			
100	16QAM	1	1		21.25		23.0	1.0
100	64QAM	1	1		19.85		21.5	2.5
100	256QAM	1	1		17.93		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.39	22.40	22.38	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.29	22.48	22.40	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.35	22.45	22.42	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.31	22.41	22.43	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.37	22.44	22.44	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.31	22.42	22.40	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.27	22.45	22.43	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.29	22.42	22.43	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.29	22.44	22.37	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.35	22.44	22.37	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.30	22.47	22.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	21.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.75	19.78	19.78	21.3	0.0	
100	PI/2 BPSK	1	137	19.75	19.80	19.78			
100	PI/2 BPSK	1	271	19.77	19.77	19.74	21.3	0.0	
100	PI/2 BPSK	135	0	19.69	19.81	19.78			
100	PI/2 BPSK	135	69	19.77	19.77	19.75	21.3	0.0	
100	PI/2 BPSK	135	138	19.73	19.80	19.78			
100	PI/2 BPSK	270	0	19.73	19.76	19.72	21.3	0.0	
100	QPSK	1	1	19.75	19.85	19.74			
100	QPSK	1	137	19.68	19.78	19.70	21.3	0.0	
100	QPSK	1	271	19.73	19.77	19.70			
100	QPSK	135	0	19.70	19.81	19.80	21.3	0.0	
100	QPSK	135	69	19.74	19.83	19.72			
100	QPSK	135	138	19.78	19.82	19.73	21.3	0.0	
100	QPSK	270	0	19.70	19.80	19.75			
100	16QAM	1	1	19.73	19.79	19.78	21.3	0.0	
100	64QAM	1	1	19.70	19.83	19.81			
100	256QAM	1	1	19.33	19.39	19.34	20.5	0.8	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	19.73	19.84	19.66	21.3	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	19.71	19.78	19.66	21.3	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	19.66	19.73	19.64	21.3	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	19.69	19.81	19.66	21.3	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	19.74	19.82	19.63	21.3	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.70	19.77	19.69	21.3	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	19.73	19.82	19.70	21.3	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	19.69	19.73	19.64	21.3	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	19.69	19.79	19.65	21.3	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	19.64	19.79	19.65	21.3	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	19.72	19.76	19.67	21.3	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	

Part270 n78 Ant 4 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		19.68		21.3	0.0	
100	PI/2 BPSK	1	137		19.76				
100	PI/2 BPSK	1	271		19.68		21.3	0.0	
100	PI/2 BPSK	135	0		19.75				
100	PI/2 BPSK	135	69		19.74		21.3	0.0	
100	PI/2 BPSK	135	138		19.78				
100	PI/2 BPSK	270	0		19.74		21.3	0.0	
100	QPSK	1	1		19.80				
100	QPSK	1	137		19.71		21.3	0.0	
100	QPSK	1	271		19.76				
100	QPSK	135	0		19.74		21.3	0.0	
100	QPSK	135	69		19.77				
100	QPSK	135	138		19.76		21.3	0.0	
100	QPSK	270	0		19.71				
100	16QAM	1	1		19.79		21.3	0.0	
100	64QAM	1	1		19.75				
100	256QAM	1	1		19.22		20.5	0.8	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	19.62	19.78	19.64	21.3	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	19.64	19.79	19.64	21.3	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	19.69	19.75	19.56	21.3	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	19.67	19.76	19.54	21.3	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	19.73	19.75	19.57	21.3	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	19.68	19.76	19.65	21.3	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	19.63	19.74	19.54	21.3	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	19.68	19.78	19.55	21.3	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	19.68	19.74	19.57	21.3	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	19.68	19.78	19.61	21.3	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	19.63	19.77	19.56	21.3	0.0	

Part270 n77 Ant 6 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	3750	3840 3930	
Frequency (MHz)									
100	PI/2 BPSK	1	1	18.91	19.04	18.97	20.2	0.0	
100	PI/2 BPSK	1	137	18.89	18.96	18.97			
100	PI/2 BPSK	1	271	18.93	18.98	18.93			
100	PI/2 BPSK	135	0	18.92	19.05	19.03			
100	PI/2 BPSK	135	69	18.94	19.01	18.99	20.2	0.0	
100	PI/2 BPSK	135	138	18.98	18.98	18.98	20.2	0.0	
100	PI/2 BPSK	270	0	18.98	18.97	18.95			
100	QPSK	1	1	18.92	19.06	19.01	20.2	0.0	
100	QPSK	1	137	18.97	19.00	18.96			
100	QPSK	1	271	18.96	19.05	19.04			
100	QPSK	135	0	18.99	19.03	18.98			
100	QPSK	135	69	18.95	19.04	18.95	20.2	0.0	
100	QPSK	135	138	18.93	19.02	18.95	20.2	0.0	
100	QPSK	270	0	18.91	18.99	18.94			
100	16QAM	1	1	19.00	19.05	18.94	20.2	0.0	
100	64QAM	1	1	18.39	18.41	18.44	19.5	0.7	
100	256QAM	1	1	16.41	16.45	16.41	17.5	2.7	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	18.90	19.02	18.97	20.2	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	18.82	18.95	18.92	20.2	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	18.81	19.02	18.88	20.2	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	18.82	19.03	18.90	20.2	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	18.83	19.04	18.95	20.2	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	18.83	18.97	18.88	20.2	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	18.81	19.00	18.97	20.2	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	18.89	19.01	18.89	20.2	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	18.84	18.93	18.89	20.2	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	18.86	19.01	18.93	20.2	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	18.87	18.94	18.89	20.2	0.0	

Part270 n78 Ant 6 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	3750		
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		19.00		20.2	0.0	
100	PI/2 BPSK	1	137		18.91				
100	PI/2 BPSK	1	271		18.93				
100	PI/2 BPSK	135	0		18.97		20.2	0.0	
100	PI/2 BPSK	135	69		18.97		20.2	0.0	
100	PI/2 BPSK	135	138		18.88		20.2	0.0	
100	PI/2 BPSK	270	0		18.88				
100	QPSK	1	1		19.01		20.2	0.0	
100	QPSK	1	137		18.96				
100	QPSK	1	271		18.93				
100	QPSK	135	0		18.99		20.2	0.0	
100	QPSK	135	69		19.00		20.2	0.0	
100	QPSK	135	138		18.98		20.2	0.0	
100	QPSK	270	0		18.96				
100	16QAM	1	1		18.95		20.2	0.0	
100	64QAM	1	1		18.34		19.5	0.7	
100	256QAM	1	1		16.33		17.5	2.7	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	18.79	18.91	18.95	20.2	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	18.80	18.97	18.92	20.2	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	18.82	18.99	18.90	20.2	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	18.84	18.90	18.94	20.2	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	18.83	18.99	18.89	20.2	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	18.83	18.89	18.93	20.2	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	18.87	19.00	18.84	20.2	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	18.87	18.89	18.89	20.2	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	18.86	18.90	18.84	20.2	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	18.78	18.95	18.93	20.2	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	18.88	18.90	18.86	20.2	0.0	

Part270 n77 Ant 8 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	20.3	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.17	19.22	19.18	20.3	0.0	
100	PI/2 BPSK	1	137	19.21	19.23	19.21			
100	PI/2 BPSK	1	271	19.12	19.25	19.22	20.3	0.0	
100	PI/2 BPSK	135	0	19.17	19.20	19.22			
100	PI/2 BPSK	135	69	19.17	19.26	19.15	20.3	0.0	
100	PI/2 BPSK	135	138	19.17	19.26	19.14			
100	PI/2 BPSK	270	0	19.20	19.17	19.17	20.3	0.0	
100	QPSK	1	1	19.19	19.28	19.22			
100	QPSK	1	137	19.15	19.18	19.16	20.3	0.0	
100	QPSK	1	271	19.12	19.22	19.17			
100	QPSK	135	0	19.16	19.17	19.22	20.3	0.0	
100	QPSK	135	69	19.14	19.26	19.22			
100	QPSK	135	138	19.19	19.22	19.17	20.3	0.0	
100	QPSK	270	0	19.10	19.23	19.16			
100	16QAM	1	1	19.14	19.26	19.15	20.3	0.0	
100	64QAM	1	1	19.19	19.22	19.11			
100	256QAM	1	1	18.67	18.71	18.68	19.5 0.8		
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	19.09	19.26	19.15	20.3 0.0		
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	19.13	19.22	19.20	20.3 0.0		
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	19.16	19.23	19.15	20.3 0.0		
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	19.13	19.16	19.17	20.3 0.0		
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	19.14	19.20	19.20	20.3 0.0		
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	19.19	19.26	19.21	20.3 0.0		
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	19.16	19.19	19.18	20.3 0.0		
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	19.13	19.26	19.22	20.3 0.0		
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	19.12	19.24	19.20	20.3 0.0		
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	19.13	19.20	19.14	20.3 0.0		
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	19.12	19.21	19.17	20.3 0.0		

Part270 n78 Ant 8 ECI 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		19.19		20.3	0.0	
100	PI/2 BPSK	1	137		19.11				
100	PI/2 BPSK	1	271		19.22		20.3	0.0	
100	PI/2 BPSK	135	0		19.09				
100	PI/2 BPSK	135	69		19.18		20.3	0.0	
100	PI/2 BPSK	135	138		19.14				
100	PI/2 BPSK	270	0		19.11		20.3	0.0	
100	QPSK	1	1		19.26				
100	QPSK	1	137		19.08		20.3	0.0	
100	QPSK	1	271		19.20				
100	QPSK	135	0		19.10		20.3	0.0	
100	QPSK	135	69		19.24				
100	QPSK	135	138		19.18		20.3	0.0	
100	QPSK	270	0		19.20				
100	16QAM	1	1		19.17		20.3	0.0	
100	64QAM	1	1		19.13		20.3	0.0	
100	256QAM	1	1		18.62		19.5	0.8	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	19.04	19.18	19.09	20.3	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	19.06	19.24	19.05	20.3	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	18.99	19.24	19.11	20.3	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	18.99	19.17	19.03	20.3	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	19.07	19.24	19.14	20.3	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	19.02	19.16	19.11	20.3	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	19.08	19.19	19.14	20.3	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	19.00	19.22	19.09	20.3	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	19.04	19.24	19.12	20.3	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	19.04	19.22	19.05	20.3	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	19.07	19.21	19.11	20.3	0.0	

Reduced Power Mode for ECI9

n5 Ant 0 ECI9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.04	23.11	23.08		
20	QPSK	50	28	22.84	22.97	22.95	24.0	0.0
20	QPSK	100	0	22.24	22.28	22.26	23.0	1.0

n66 Ant 0 ECI9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	20.4	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.30	19.48	19.47		
40	QPSK	108	54	19.44	19.45	19.40	20.4	0.0
40	QPSK	216	0	19.34	19.43	19.32	20.4	0.0

n41 Ant 0 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	22.12	22.21	22.15		
100	PV2 BPSK	1	137	22.11	22.16	22.12	23.2	0.0
100	PV2 BPSK	1	271	22.15	22.22	22.14		
100	PV2 BPSK	135	0	22.22	22.23	22.12	23.2	0.0
100	PV2 BPSK	135	69	22.11	22.18	22.12	23.2	0.0
100	PV2 BPSK	135	138	22.14	22.22	22.14	23.2	0.0
100	PV2 BPSK	270	0	22.15	22.20	22.18		
100	QPSK	1	1	22.20	22.26	22.19		
100	QPSK	1	137	22.21	22.19	22.18	23.2	0.0
100	QPSK	1	271	22.09	22.21	22.14		
100	QPSK	135	0	22.09	22.15	22.14	23.0	0.2
100	QPSK	135	69	22.18	22.20	22.19	23.2	0.0
100	QPSK	135	138	22.12	22.12	22.11		
100	QPSK	270	0	21.95	22.01	21.98	23.0	0.2
100	16QAM	1	1	22.15	22.25	22.19	23.0	0.2
100	64QAM	1	1	20.69	20.71	20.68	21.5	1.7
100	256QAM	1	1	18.65	18.68	18.62	19.5	3.7
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.20	22.24	22.07	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.09	22.16	22.16	23.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.09	22.19	22.13	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	22.10	22.17	22.17	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.13	22.25	22.13	23.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.16	22.13	22.10	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.11	22.14	22.15	23.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.10	22.14	22.13	23.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.18	22.25	22.16	23.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.10	22.24	22.12	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.17	22.17	22.10	23.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.11	22.21	22.12	23.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.15	22.22	22.13	23.2	0.0

n5 Ant 1 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85	24.0	0.0
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.01	22.09	22.02	22.9	0.0
40	QPSK	108	54	21.82	21.99	21.92	22.9	0.0
40	QPSK	216	0	21.82	21.94	21.93	22.9	0.0

n41 Ant 1 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.32	21.44	21.41		
100	PI/2 BPSK	1	137	21.35	21.40	21.38	22.6	0.0
100	PI/2 BPSK	1	271	21.28	21.42	21.33		
100	PI/2 BPSK	135	0	21.34	21.44	21.39	22.6	0.0
100	PI/2 BPSK	135	69	21.37	21.38	21.35	22.6	0.0
100	PI/2 BPSK	135	138	21.39	21.45	21.40		
100	PI/2 BPSK	270	0	21.42	21.46	21.36	22.6	0.0
100	QPSK	1	1	21.34	21.49	21.45		
100	QPSK	1	137	21.32	21.43	21.32	22.6	0.0
100	QPSK	1	271	21.38	21.41	21.38		
100	QPSK	135	0	21.35	21.46	21.40	22.6	0.0
100	QPSK	135	69	21.32	21.46	21.43	22.6	0.0
100	QPSK	135	138	21.31	21.43	21.42		
100	QPSK	270	0	21.40	21.45	21.44	22.6	0.0
100	16QAM	1	1	21.35	21.47	21.39	22.6	0.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	1.1
100	256QAM	1	1	18.28	18.37	18.35	19.5	3.1
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.22	21.41	21.41	22.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.26	21.40	21.37	22.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.23	21.45	21.38	22.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.29	21.46	21.39	22.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.26	21.41	21.44	22.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.26	21.44	21.36	22.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.33	21.37	21.38	22.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.31	21.41	21.38	22.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.33	21.40	21.44	22.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.27	21.40	21.40	22.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.25	21.42	21.40	22.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.25	21.43	21.35	22.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.24	21.43	21.41	22.6	0.0

n66 Ant 2 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	13.58	13.79	13.72	14.4	0.0
40	QPSK	108	54	13.64	13.76	13.69	14.4	0.0
40	QPSK	216	0	13.65	13.72	13.68	14.4	0.0

n41 Ant 2 EC19								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	14.03	14.08	13.95	14.7	0.0
100	QPSK	135	69	13.88	14.07	13.98	14.7	0.0
100	QPSK	270	0	13.91	14.04	14.01	14.7	0.0

n66 Ant 3 ECI9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	16.51	16.56	16.53	17.8	0.0
40	QPSK	108	54	16.48	16.55	16.51	17.8	0.0
40	QPSK	216	0	16.49	16.53	16.51	17.8	0.0

n41 Ant 3 ECI9

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				505200	518598	530000		
Frequency (MHz)				2546.01	2592.99	2640		
100	P12 BPSK	1	1	15.84	16.02	15.89		
100	P12 BPSK	1	137	15.89	15.97	15.90		0.0
100	P12 BPSK	1	271	15.87	16.00	15.79		
100	P12 BPSK	135	0	15.95	16.03	15.87	17.5	0.0
100	P12 BPSK	135	69	15.97	16.02	15.91	17.5	0.0
100	P12 BPSK	135	138	16.03	16.06	15.90	17.5	0.0
100	P12 BPSK	270	0	15.91	16.07	15.92		
100	QPSK	1	1	15.89	16.11	15.93		
100	QPSK	1	137	15.86	16.05	15.77	17.5	0.0
100	QPSK	1	271	15.85	16.09	15.81		
100	QPSK	135	0	15.97	16.00	15.99	17.5	0.0
100	QPSK	135	69	15.93	16.10	15.97	17.5	0.0
100	QPSK	135	138	15.92	16.07	15.85	17.5	0.0
100	QPSK	270	0	15.98	16.05	15.87		
100	16QAM	1	1	15.98	16.02	15.82	17.5	0.0
100	64QAM	1	1	15.89	16.02	15.87	17.5	0.0
100	256QAM	1	1	15.98	16.09	15.96	17.5	0.0
Channel				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	15.86	16.10	15.92	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.78	16.09	15.90	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.85	16.02	15.82	17.5	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536	2592.99	2659.99		
60	QPSK	1	1	15.79	16.07	15.90	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.86	16.07	15.85	17.5	0.0
Channel				503202	518598	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	15.84	16.02	15.91	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.01	2592.99	2670		
40	QPSK	1	1	15.77	16.07	15.89	17.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	15.76	16.01	15.79	17.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.78	16.02	15.83	17.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	15.85	15.97	15.86	17.5	0.0
Channel				500700	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
18	QPSK	1	1	15.81	16.01	15.89	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.84	16.10	15.85	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3840	3930		
100	P12 BPSK	1	1	15.50	15.58	15.56		
100	P12 BPSK	1	137	15.51	15.54	15.51	16.8	0.0
100	P12 BPSK	1	271	15.52	15.56	15.54		
100	P12 BPSK	135	0	15.45	15.57	15.52	16.8	0.0
100	P12 BPSK	135	69	15.45	15.55	15.49	16.8	0.0
100	P12 BPSK	135	138	15.53	15.58	15.56	16.8	0.0
100	P12 BPSK	270	0	15.51	15.56	15.53		
100	QPSK	1	1	15.54	15.62	15.58		
100	QPSK	1	137	15.52	15.60	15.57	16.8	0.0
100	QPSK	1	271	15.45	15.57	15.54		
100	QPSK	135	0	15.48	15.58	15.49	16.8	0.0
100	QPSK	135	69	15.50	15.59	15.56	16.8	0.0
100	QPSK	135	138	15.36	15.44	15.41	16.8	0.0
100	QPSK	270	0	15.38	15.47	15.40		
100	16QAM	1	1	15.37	15.43	15.40	16.8	0.0
100	64QAM	1	1	15.48	15.59	15.56	16.8	0.0
100	256QAM	1	1	15.51	15.57	15.55	16.8	0.0
Channel				648683	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.49	15.57	15.55	16.8	0.0
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.47	15.52	15.49	16.9	0.0
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.52	15.50	15.53	16.8	0.0
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.52	15.54	15.58	16.8	0.0
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.46	15.51	15.51	16.8	0.0
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.51	15.51	15.51	16.8	0.0
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.02	3840	3953.01		
30	QPSK	1	1	15.43	15.52	15.47	16.9	0.0
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.47	15.57	15.53	16.8	0.0
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.48	15.52	15.55	16.8	0.0
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.48	15.58	15.56	16.8	0.0
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.47	15.52	15.55	16.8	0.0

Part270 n78 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	P12 BPSK	1	1		15.49			
100	P12 BPSK	1	137		15.47		16.8	0.0
100	P12 BPSK	1	271		15.43			
100	P12 BPSK	135	0		15.44		16.8	0.0
100	P12 BPSK	135	69		15.45		16.8	0.0
100	P12 BPSK	135	138		15.47		16.8	0.0
100	P12 BPSK	270	0		15.46			
100	QPSK	1	1		15.56			
100	QPSK	1	137		15.50		16.8	0.0
100	QPSK	1	271		15.47			
100	QPSK	135	0		15.40		16.8	0.0
100	QPSK	135	69		15.55		16.8	0.0
100	QPSK	135	138		15.43		16.8	0.0
100	QPSK	270	0		15.45			
100	16QAM	1	1		15.42		16.8	0.0
100	64QAM	1	1		15.50		16.8	0.0
100	256QAM	1	1		15.51		16.8	0.0
Channel				648683	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.36	15.45	15.39	16.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.29	15.43	15.34	16.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.28	15.41	15.32	16.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.32	15.47	15.38	16.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.28	15.38	15.34	16.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)

Part270 n77 Ant 4 ECI9											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	656000	662000					
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	13.78	13.87	13.81	14.8	0.0			
100	PI/2 BPSK	1	137	13.84	13.86	13.82					
100	PI/2 BPSK	1	271	13.82	13.84	13.83					
100	PI/2 BPSK	135	0	13.74	13.80	13.77					
100	PI/2 BPSK	135	69	13.84	13.86	13.85					
100	PI/2 BPSK	135	138	13.86	13.90	13.82	14.8	0.0			
100	PI/2 BPSK	270	0	13.84	13.92	13.83					
100	QPSK	1	1	13.91	13.94	13.88					
100	QPSK	1	137	13.83	13.86	13.85		0.0			
100	QPSK	1	271	13.74	13.88	13.84					
100	QPSK	135	0	13.80	13.89	13.82					
100	QPSK	135	69	13.83	13.90	13.87					
100	QPSK	135	138	13.77	13.82	13.81					
100	QPSK	270	0	13.81	13.86	13.80	14.8	0.0			
100	16QAM	1	1	13.74	13.82	13.74					
100	64QAM	1	1	13.81	13.89	13.88					
100	256QAM	1	1	13.90	13.93	13.92					
Channel				649668	656000	662334	Tune-up limit				
Frequency (MHz)				3745.02	3840	3935.01	(dBm)				
90	QPSK	1	1	13.86	13.87	13.85	14.8				
Channel				649334	656000	662668	Tune-up limit				
Frequency (MHz)				3740.01	3840	3940.02	(dBm)				
80	QPSK	1	1	13.80	13.84	13.77	14.8				
Channel				649000	656000	663000	Tune-up limit				
Frequency (MHz)				3735	3840	3945	(dBm)				
70	QPSK	1	1	13.84	13.89	13.76	14.8				
Channel				648668	656000	663334	Tune-up limit				
Frequency (MHz)				3730.02	3840	3950.01	(dBm)				
60	QPSK	1	1	13.81	13.90	13.77	14.8				
Channel				648334	656000	663668	Tune-up limit				
Frequency (MHz)				3725.01	3840	3955.02	(dBm)				
50	QPSK	1	1	13.82	13.86	13.87	14.8				
Channel				648000	656000	664000	Tune-up limit				
Frequency (MHz)				3720	3840	3960	(dBm)				
40	QPSK	1	1	13.83	13.89	13.78	14.8				
Channel				647668	656000	664334	Tune-up limit				
Frequency (MHz)				3715.02	3840	3965.01	(dBm)				
30	QPSK	1	1	13.87	13.91	13.82	14.8				
Channel				647500	656000	664500	Tune-up limit				
Frequency (MHz)				3712.5	3840	3967.5	(dBm)				
25	QPSK	1	1	13.83	13.89	13.82	14.8				
Channel				647334	656000	664668	Tune-up limit				
Frequency (MHz)				3710.01	3840	3970.02	(dBm)				
20	QPSK	1	1	13.88	13.88	13.86	14.8				
Channel				647168	656000	664834	Tune-up limit				
Frequency (MHz)				3707.52	3840	3972.51	(dBm)				
15	QPSK	1	1	13.85	13.87	13.78	14.8				
Channel				647000	656000	665000	Tune-up limit				
Frequency (MHz)				3705	3840	3975	(dBm)				
10	QPSK	1	1	13.88	13.93	13.85	14.8				

Part270 n78 Ant 4 ECI9											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				650000	650000	650000					
Frequency (MHz)				3750	3750	3750					
100	PI/2 BPSK	1	1		13.72		14.8	0.0			
100	PI/2 BPSK	1	137		13.71						
100	PI/2 BPSK	1	271		13.70						
100	PI/2 BPSK	135	0		13.69						
100	PI/2 BPSK	135	69		13.73						
100	PI/2 BPSK	135	138		13.63		14.8	0.0			
100	PI/2 BPSK	270	0		13.66						
100	PI/2 BPSK	270	0		13.66						
100	QPSK	1	1		13.74			0.0			
100	QPSK	1	137		13.69						
100	QPSK	1	271		13.68						
100	QPSK	135	0		13.68						
100	QPSK	135	69		13.71						
100	QPSK	135	138		13.69		14.8	0.0			
100	QPSK	270	0		13.68						
100	16QAM	1	1		13.66						
100	64QAM	1	1		13.68						
100	256QAM	1	1		13.70						
Channel				649668	650000	650334	Tune-up limit				
Frequency (MHz)				3745.02	3750	3755.01	(dBm)				
90	QPSK	1	1	13.69	13.72	13.66	14.8				
Channel				649334	650000	650668	Tune-up limit				
Frequency (MHz)				3740.01	3750	3760.02	(dBm)				
80	QPSK	1	1	13.67	13.70	13.57	14.8				
Channel				649000	650000	651000	Tune-up limit				
Frequency (MHz)				3735	3750	3765	(dBm)				
70	QPSK	1	1	13.60	13.70	13.66	14.8				
Channel				648668	650000	651334	Tune-up limit				
Frequency (MHz)				3730.02	3750	3770.01	(dBm)				
60	QPSK	1	1	13.64	13.72	13.67	14.8				
Channel				648334	650000	651668	Tune-up limit				
Frequency (MHz)				3725.01	3750	3775.02	(dBm)				
50	QPSK	1	1	13.64	13.71	13.65	14.8				
Channel				648000	650000	652000	Tune-up limit				
Frequency (MHz)				3720	3750	3780	(dBm)				
40	QPSK	1	1	13.70	13.71	13.61	14.8				
Channel				647668	650000	652334	Tune-up limit				
Frequency (MHz)				3715.02	3750	3785.01	(dBm)				
30	QPSK	1	1	13.63	13.70	13.61	14.8				
Channel				647500	650000	652500	Tune-up limit				
Frequency (MHz)				3712.5	3750	3787.5	(dBm)				
25	QPSK	1	1	13.64	13.68	13.60	14.8				
Channel				647334	650000	652668	Tune-up limit				
Frequency (MHz)				3710.01	3750	3790.02	(dBm)				
20	QPSK	1	1	13.68	13.73	13.62	14.8				
Channel				647168	650000	652834	Tune-up limit				
Frequency (MHz)				3707.52	3750	3792.51	(dBm)				
15	QPSK	1	1	13.63	13.73	13.57	14.8				
Channel				647000	650000	653000	Tune-up limit				
Frequency (MHz)				3705	3750	3795	(dBm)				
10	QPSK	1	1	13.66	13.69	13.63	14.8				

Part270 n77 Ant 6 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	14.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.43	13.45	13.44			
100	PI/2 BPSK	1	137	13.25	13.30	13.26	14.5	0.0	
100	PI/2 BPSK	1	271	13.29	13.35	13.21			
100	PI/2 BPSK	135	0	13.36	13.41	13.37			
100	PI/2 BPSK	135	69	13.37	13.38	13.33	14.5	0.0	
100	PI/2 BPSK	135	138	13.45	13.44	13.42			
100	PI/2 BPSK	270	0	13.42	13.46	13.40			
100	QPSK	1	1	13.45	13.54	13.50	14.5	0.0	
100	QPSK	1	137	13.46	13.45	13.30			
100	QPSK	1	271	13.39	13.47	13.38			
100	QPSK	135	0	13.37	13.38	13.35	14.5	0.0	
100	QPSK	135	69	13.43	13.47	13.45			
100	QPSK	135	138	13.26	13.30	13.30			
100	QPSK	270	0	13.32	13.37	13.34	14.5	0.0	
100	16QAM	1	1	13.25	13.34	13.27			
100	64QAM	1	1	13.37	13.41	13.45			
100	256QAM	1	1	13.45	13.47	13.45	14.5	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	13.35	13.53	13.47	14.5	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	13.39	13.47	13.48	14.5	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3725	3940	3945			
70	QPSK	1	1	13.34	13.48	13.44	14.5	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	13.41	13.52	13.44	14.5	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	13.44	13.52	13.41	14.5	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	13.35	13.45	13.45	14.5	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	13.36	13.44	13.50	14.5	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	13.38	13.47	13.39	14.5	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	13.38	13.47	13.46	14.5	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	13.38	13.48	13.50	14.5	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	13.42	13.45	13.49	14.5	0.0	
Channel									
Frequency (MHz)									

Part270 n78 Ant 6 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	14.5	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.38				
100	PI/2 BPSK	1	137		13.18		14.5	0.0	
100	PI/2 BPSK	1	271		13.14				
100	PI/2 BPSK	135	0		13.35				
100	PI/2 BPSK	135	69		13.34		14.5	0.0	
100	PI/2 BPSK	135	138		13.32				
100	PI/2 BPSK	270	0		13.45				
100	QPSK	1	1		13.48		14.5	0.0	
100	QPSK	1	137		13.23				
100	QPSK	1	271		13.38				
100	QPSK	135	0		13.28		14.5	0.0	
100	QPSK	135	69		13.40				
100	QPSK	135	138		13.26				
100	QPSK	270	0		13.36		14.5	0.0	
100	16QAM	1	1		13.25				
100	64QAM	1	1		13.37				
100	256QAM	1	1		13.35		14.5	0.0	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	13.12	13.19	13.17	14.5	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	13.11	13.22	13.24	14.5	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3725	3750	3765			
70	QPSK	1	1	13.09	13.28	13.23	14.5	0.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	13.14	13.18	13.21	14.5	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	13.17	13.19	13.20	14.5	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	13.16	13.26	13.23	14.5	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	13.07	13.23	13.17	14.5	0.0	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	13.09	13.24	13.19	14.5	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	13.17	13.22	13.16	14.5	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	13.13	13.23	13.14	14.5	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	13.14	13.20	13.12	14.5	0.0	
Channel									
Frequency (MHz)									

Part270 n77 Ant 8 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	17.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.65	15.74	15.69			
100	PI/2 BPSK	1	137	15.62	15.72	15.60	17.0	0.0	
100	PI/2 BPSK	1	271	15.62	15.67	15.59			
100	PI/2 BPSK	135	0	15.62	15.65	15.64			
100	PI/2 BPSK	135	69	15.50	15.66	15.53	17.0	0.0	
100	PI/2 BPSK	135	138	15.66	15.63	15.60			
100	PI/2 BPSK	270	0	15.59	15.63	15.62			
100	QPSK	1	1	15.71	15.76	15.72	17.0	0.0	
100	QPSK	1	137	15.65	15.74	15.58			
100	QPSK	1	271	15.68	15.72	15.65			
100	QPSK	135	0	15.56	15.70	15.58	17.0	0.0	
100	QPSK	135	69	15.66	15.72	15.57			
100	QPSK	135	138	15.61	15.66	15.55			
100	QPSK	270	0	15.63	15.71	15.67	17.0	0.0	
100	16QAM	1	1	15.55	15.66	15.64			
100	64QAM	1	1	15.68	15.72	15.65			
100	256QAM	1	1	15.69	15.75	15.73	17.0	0.0	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01		MPR (dB)	
90	QPSK	1	1	15.69	15.74	15.71	17.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02		MPR (dB)	
80	QPSK	1	1	15.65	15.68	15.64	17.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945		MPR (dB)	
70	QPSK	1	1	15.68	15.68	15.70	17.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01		MPR (dB)	
60	QPSK	1	1	15.61	15.70	15.71	17.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02		MPR (dB)	
50	QPSK	1	1	15.62	15.76	15.64	17.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960		MPR (dB)	
40	QPSK	1	1	15.62	15.71	15.63	17.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01		MPR (dB)	
30	QPSK	1	1	15.63	15.68	15.65	17.0	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5		MPR (dB)	
25	QPSK	1	1	15.65	15.67	15.69	17.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02		MPR (dB)	
20	QPSK	1	1	15.69	15.65	15.66	17.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51		MPR (dB)	
15	QPSK	1	1	15.69	15.75	15.65	17.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975		MPR (dB)	
10	QPSK	1	1	15.68	15.65	15.62	17.0	0.0	
Channel									
Frequency (MHz)									

Part270 n78 Ant 8 ECI9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	17.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		15.60				
100	PI/2 BPSK	1	137		15.54		17.0	0.0	
100	PI/2 BPSK	1	271		15.59				
100	PI/2 BPSK	135	0		15.58			17.0	
100	PI/2 BPSK	135	69		15.50				
100	PI/2 BPSK	135	138		15.61		17.0	0.0	
100	PI/2 BPSK	270	0		15.61				
100	QPSK	1	1		15.70		17.0	0.0	
100	QPSK	1	137		15.62				
100	QPSK	1	271		15.56				
100	QPSK	135	0		15.59		17.0	0.0	
100	QPSK	135	69		15.65				
100	QPSK	135	138		15.57			17.0	
100	QPSK	270	0		15.63				
100	16QAM	1	1		15.67		17.0	0.0	
100	64QAM	1	1		15.59				
100	256QAM	1	1		15.61			17.0	
Channel				649668	650000	650334	17.0	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	15.56	15.66	15.56		17.0	
Channel				649334	650000	650668	17.0	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.63	15.66	15.59		17.0	
Channel				649000	650000	651000	17.0	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	15.56	15.69	15.50		17.0	
Channel				648668	650000	651334	17.0	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	15.60	15.66	15.60		17.0	
Channel				648334	650000	651668	17.0	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.52	15.62	15.50		17.0	
Channel				648000	650000	652000	17.0	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.63	15.61	15.48		17.0	
Channel				647668	650000	652334	17.0	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	15.56	15.63	15.56		17.0	
Channel				647500	650000	652500	17.0	0.0	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	15.54	15.67	15.49		17.0	
Channel				647334	650000	652668	17.0	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	15.59	15.67	15.52		17.0	
Channel				647168	650000	652834	17.0	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	15.57	15.63	15.56		17.0	
Channel				647000	650000	653000	17.0	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	15.59	15.66	15.56		17.0	

Reduced Power Mode for ECI10

n5 Ant 0 ECI10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	23.1	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	21.87	21.96	21.91		
20	QPSK	50	28	21.73	21.86	21.81	23.1	0.0
20	QPSK	100	0	21.52	21.58	21.56	23.0	0.1

n66 Ant 0 ECI10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	19.1	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.96	18.14	18.09		
40	QPSK	108	54	18.08	18.11	18.01	19.1	0.0
40	QPSK	216	0	18.07	18.10	18.04	19.1	0.0

n41 Ant 0 EC10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.62	19.61	20.6	0.0
100	PI/2 BPSK	1	137	19.47	19.60	19.51		
100	PI/2 BPSK	1	271	19.47	19.63	19.61		
100	PI/2 BPSK	135	0	19.41	19.53	19.44		
100	PI/2 BPSK	135	69	19.48	19.54	19.48	20.6	0.0
100	PI/2 BPSK	135	138	19.48	19.54	19.44	20.6	0.0
100	PI/2 BPSK	270	0	19.36	19.49	19.45		
100	QPSK	1	1	19.63	19.65	19.59	20.6	0.0
100	QPSK	1	137	19.51	19.54	19.52		
100	QPSK	1	271	19.49	19.55	19.54		
100	QPSK	135	0	19.50	19.56	19.55		
100	QPSK	135	69	19.47	19.62	19.58	20.6	0.0
100	QPSK	135	138	19.51	19.55	19.50	20.6	0.0
100	QPSK	270	0	19.50	19.58	19.54		
100	16QAM	1	1	19.55	19.56	19.53	20.6	0.0
100	64QAM	1	1	19.55	19.57	19.52	20.6	0.0
100	256QAM	1	1	18.65	18.68	18.62	19.5	1.1
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.56	19.63	19.58	20.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.53	19.56	19.55	20.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.54	19.63	19.59	20.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.51	19.64	19.52	20.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.58	19.58	19.53	20.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.58	19.52	19.54	20.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.53	19.62	19.55	20.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.57	19.56	19.51	20.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.52	19.56	19.51	20.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.53	19.52	19.47	20.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.61	19.58	19.50	20.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.52	19.56	19.53	20.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.51	19.61	19.47	20.6	0.0

n5 Ant 1 EC110								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.91	22.85	24.0	0.0
20	QPSK	50	28	22.85	22.88	22.75	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.86	23.0	1.0

n66 Ant 1 EC110								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.98	17.05	17.00	17.6	0.0
40	QPSK	108	54	16.85	16.99	16.94	17.6	0.0
40	QPSK	216	0	17.00	17.04	17.03	17.6	0.0

n41 Ant 1 EC10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.79	20.81	20.80		
100	PI/2 BPSK	1	137	20.72	20.82	20.75	21.8	0.0
100	PI/2 BPSK	1	271	20.75	20.83	20.78		
100	PI/2 BPSK	135	0	20.82	20.83	20.82	21.8	0.0
100	PI/2 BPSK	135	69	20.79	20.82	20.81	21.8	0.0
100	PI/2 BPSK	135	138	20.78	20.79	20.76	21.8	0.0
100	PI/2 BPSK	270	0	20.82	20.82	20.73		
100	QPSK	1	1	20.87	20.92	20.82		
100	QPSK	1	137	20.75	20.82	20.81	21.8	0.0
100	QPSK	1	271	20.77	20.83	20.80		
100	QPSK	135	0	20.74	20.88	20.86	21.8	0.0
100	QPSK	135	69	20.71	20.89	20.86	21.8	0.0
100	QPSK	135	138	20.72	20.87	20.82		
100	QPSK	270	0	20.83	20.89	20.86	21.8	0.0
100	16QAM	1	1	20.80	20.86	20.84	21.8	0.0
100	64QAM	1	1	20.26	20.36	20.32	21.5	0.3
100	256QAM	1	1	18.28	18.37	18.35	19.5	2.3
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.83	20.83	20.75	21.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.77	20.85	20.77	21.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.80	20.83	20.72	21.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.78	20.89	20.80	21.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.81	20.70	21.8	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.73	20.85	20.76	21.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.80	20.83	20.81	21.8	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.48		
35	QPSK	1	1	20.85	20.89	20.72	21.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.77	20.89	20.75	21.8	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.76	20.87	20.77	21.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.76	20.82	20.71	21.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.77	20.88	20.82	21.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.82	20.82	20.78	21.8	0.0

n66 Ant 2 ECI10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1290	1245	1260		
40	QPSK	1	1	14.24	14.45	14.31	15.6	0.0
40	QPSK	108	54	14.34	14.40	14.35	15.6	0.0
40	QPSK	216	0	14.27	14.39	14.36	15.6	0.0

n41 Ant 2 ECI10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	13.88	14.06	13.84	14.7	0.0
100	QPSK	135	69	13.86	14.02	13.92	14.7	0.0
100	QPSK	270	0	13.90	14.00	13.97	14.7	0.0

n66 Ant 3 ECI10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1790	1745	1760		
40	QPSK	1	1	19.99	19.73	19.71	20.9	0.0
40	QPSK	108	54	19.58	19.69	19.62	20.9	0.0
40	QPSK	216	0	19.63	19.69	19.68	20.9	0.0

Part270 n77 Ant 4 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	15.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.74	13.76	13.81			
100	PI/2 BPSK	1	137	13.70	13.72	13.69	15.6	0.0	
100	PI/2 BPSK	1	271	13.69	13.74	13.72			
100	PI/2 BPSK	135	0	13.73	13.74	13.69			
100	PI/2 BPSK	135	69	13.75	13.82	13.65	15.6	0.0	
100	PI/2 BPSK	135	138	13.78	13.80	13.63			
100	PI/2 BPSK	270	0	13.72	13.80	13.66			
100	QPSK	1	1	13.80	13.84	13.83	15.6	0.0	
100	QPSK	1	137	13.74	13.75	13.73			
100	QPSK	1	271	13.69	13.77	13.74			
100	QPSK	135	0	13.73	13.78	13.73	15.6	0.0	
100	QPSK	135	69	13.79	13.80	13.74			
100	QPSK	135	138	13.69	13.79	13.76			
100	QPSK	270	0	13.72	13.76	13.74	15.6	0.0	
100	16QAM	1	1	13.65	13.68	13.63			
100	64QAM	1	1	13.68	13.80	13.79			
100	256QAM	1	1	13.73	13.81	13.79	15.6	0.0	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	13.75	13.81	13.74	15.6	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	13.72	13.78	13.75	15.6	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	13.69	13.75	13.78	15.6	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	13.79	13.77	13.74	15.6	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	13.74	13.83	13.82	15.6	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	13.76	13.78	13.72	15.6	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	13.73	13.76	13.80	15.6	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	13.75	13.81	13.82	15.6	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	13.70	13.83	13.82	15.6	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	13.70	13.73	13.78	15.6	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	13.75	13.82	13.76	15.6	0.0	

Part270 n78 Ant 4 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	15.6	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.75				
100	PI/2 BPSK	1	137		13.62		15.6	0.0	
100	PI/2 BPSK	1	271		13.70				
100	PI/2 BPSK	135	0		13.67				
100	PI/2 BPSK	135	69		13.74		15.6	0.0	
100	PI/2 BPSK	135	138		13.69				
100	PI/2 BPSK	270	0		13.77				
100	QPSK	1	1		13.79		15.6	0.0	
100	QPSK	1	137		13.65				
100	QPSK	1	271		13.89				
100	QPSK	135	0		13.70		15.6	0.0	
100	QPSK	135	69		13.74				
100	QPSK	135	138		13.70				
100	QPSK	270	0		13.72		15.6	0.0	
100	16QAM	1	1		13.65				
100	64QAM	1	1		13.76				
100	256QAM	1	1		13.74		15.6	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	13.71	13.71	13.66	15.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	13.76	13.73	13.68	15.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	13.73	13.76	13.72	15.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	13.68	13.88	13.73	15.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	13.74	13.76	13.74	15.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	13.66	13.76	13.73	15.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	13.67	13.72	13.76	15.6	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	13.68	13.79	13.71	15.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	13.75	13.88	13.70	15.6	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	13.67	13.78	13.73	15.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	13.72	13.89	13.66	15.6	0.0	

Part270 n77 Ant 6 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	15.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.93	13.97	13.93	15.0	0.0	
100	PI/2 BPSK	1	137	13.84	13.73	13.71			
100	PI/2 BPSK	1	271	13.83	13.81	13.71	15.0	0.0	
100	PI/2 BPSK	135	0	13.86	13.91	13.88			
100	PI/2 BPSK	135	69	13.85	13.90	13.83	15.0	0.0	
100	PI/2 BPSK	135	138	13.88	13.90	13.97			
100	PI/2 BPSK	270	0	13.91	13.97	13.90	15.0	0.0	
100	QPSK	1	1	13.97	13.99	13.95			
100	QPSK	1	137	13.88	13.86	13.79	15.0	0.0	
100	QPSK	1	271	13.90	13.92	13.91			
100	QPSK	135	0	13.81	13.85	13.78	15.0	0.0	
100	QPSK	135	69	13.88	13.91	13.89			
100	QPSK	135	138	13.76	13.86	13.81	15.0	0.0	
100	QPSK	270	0	13.85	13.87	13.85			
100	16QAM	1	1	13.73	13.75	13.63	15.0	0.0	
100	64QAM	1	1	13.89	13.90	13.90			
100	256QAM	1	1	13.94	13.95	13.87	15.0	0.0	
Channel				649668	656000	662334		MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	13.91	13.94	13.91	15.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	15.0	0.0	
80	QPSK	1	1	13.86	13.89	13.85		MPR	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945	15.0	0.0	
70	QPSK	1	1	13.94	13.90	13.87		MPR	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	15.0	0.0	
60	QPSK	1	1	13.90	13.92	13.85		MPR	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	15.0	0.0	
50	QPSK	1	1	13.93	13.89	13.92		MPR	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	15.0	0.0	
40	QPSK	1	1	13.86	13.95	13.92		MPR	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01	15.0	0.0	
30	QPSK	1	1	13.85	13.92	13.89		MPR	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5	15.0	0.0	
25	QPSK	1	1	13.87	13.91	13.83		MPR	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	15.0	0.0	
20	QPSK	1	1	13.97	13.95	13.84		MPR	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51	15.0	0.0	
15	QPSK	1	1	13.89	13.96	13.88		MPR	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	15.0	0.0	
10	QPSK	1	1	13.87	13.92	13.90		0.0	

Part270 n78 Ant 6 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	15.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.90		15.0	0.0	
100	PI/2 BPSK	1	137		13.67				
100	PI/2 BPSK	1	271		13.70		15.0	0.0	
100	PI/2 BPSK	135	0		13.81				
100	PI/2 BPSK	135	69		13.82		15.0	0.0	
100	PI/2 BPSK	135	138		13.88				
100	PI/2 BPSK	270	0		13.85		15.0	0.0	
100	QPSK	1	1		13.92				
100	QPSK	1	137		13.79		15.0	0.0	
100	QPSK	1	271		13.90				
100	QPSK	135	0		13.74		15.0	0.0	
100	QPSK	135	69		13.90				
100	QPSK	135	138		13.83		15.0	0.0	
100	QPSK	270	0		13.86				
100	16QAM	1	1		13.67		15.0	0.0	
100	64QAM	1	1		13.87			15.0	
100	256QAM	1	1		13.84				
Channel				649668	650000	650334	15.0	MPR	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	13.87	13.90	13.82	15.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	15.0	MPR	
80	QPSK	1	1	13.85	13.83	13.90		MPR	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765	15.0	0.0	
70	QPSK	1	1	13.84	13.83	13.87		MPR	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	15.0	0.0	
60	QPSK	1	1	13.85	13.90	13.88		MPR	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	15.0	0.0	
50	QPSK	1	1	13.82	13.84	13.85		MPR	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780	15.0	0.0	
40	QPSK	1	1	13.88	13.91	13.81		MPR	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	15.0	0.0	
30	QPSK	1	1	13.79	13.90	13.91		MPR	
Channel				647500	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5	15.0	0.0	
25	QPSK	1	1	13.80	13.85	13.81		MPR	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	15.0	0.0	
20	QPSK	1	1	13.81	13.84	13.90		MPR	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51	15.0	0.0	
15	QPSK	1	1	13.83	13.88	13.80		MPR	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795	15.0	0.0	
10	QPSK	1	1	13.86	13.87	13.84		0.0	

Part270 n77 Ant 8 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	17.1	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.05	16.20	16.10	17.1	0.0	
100	PI/2 BPSK	1	137	15.99	16.20	15.97			
100	PI/2 BPSK	1	271	16.03	16.19	16.08			
100	PI/2 BPSK	135	0	16.00	16.13	16.01			
100	PI/2 BPSK	135	69	16.03	16.03	15.96			
100	PI/2 BPSK	135	138	16.06	16.10	16.14	17.1	0.0	
100	PI/2 BPSK	270	0	15.99	16.15	16.11			
100	QPSK	1	1	16.19	16.25	16.18	17.1	0.0	
100	QPSK	1	137	16.14	16.24	16.01			
100	QPSK	1	271	16.10	16.20	16.08	17.1	0.0	
100	QPSK	135	0	16.04	16.08	16.05			
100	QPSK	135	69	16.08	16.13	16.07	17.1	0.0	
100	QPSK	135	138	16.06	16.09	16.04			
100	QPSK	270	0	16.03	16.10	16.09	17.1	0.0	
100	16QAM	1	1	15.98	16.12	16.02		0.0	
100	64QAM	1	1	16.14	16.20	16.10	17.1	0.0	
100	256QAM	1	1	16.12	16.24	16.17		0.0	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	16.14	16.24	16.17	17.1	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	16.16	16.17	16.15	17.1	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3725	3940	3945	(dBm)	(dB)	
70	QPSK	1	1	16.08	16.16	16.08	17.1	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	16.12	16.24	16.15	17.1	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	16.12	16.19	16.12	17.1	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	16.09	16.18	16.17	17.1	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	16.13	16.16	16.09	17.1	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	16.17	16.19	16.17	17.1	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	16.11	16.17	16.15	17.1	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	16.13	16.17	16.07	17.1	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	16.15	16.22	16.15	17.1	0.0	

Part270 n78 Ant 8 ECI10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	17.1	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		16.13		17.1	0.0	
100	PI/2 BPSK	1	137		16.16				
100	PI/2 BPSK	1	271		16.16				
100	PI/2 BPSK	135	0		16.12				
100	PI/2 BPSK	135	69		16.04				
100	PI/2 BPSK	135	138		16.08		17.1	0.0	
100	PI/2 BPSK	270	0		16.11				
100	QPSK	1	1		16.21		17.1	0.0	
100	QPSK	1	137		16.20				
100	QPSK	1	271		16.20		17.1	0.0	
100	QPSK	135	0		16.01				
100	QPSK	135	69		16.11		17.1	0.0	
100	QPSK	135	138		16.08				
100	QPSK	270	0		16.10		17.1	0.0	
100	16QAM	1	1		16.11			0.0	
100	64QAM	1	1		16.15		17.1	0.0	
100	256QAM	1	1		16.19			0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	16.11	16.20	16.10	17.1	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	16.10	16.17	16.14	17.1	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3725	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	16.10	16.18	16.07	17.1	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	16.09	16.18	16.16	17.1	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	16.11	16.19	16.12	17.1	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	16.09	16.19	16.05	17.1	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	16.05	16.20	16.14	17.1	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	16.12	16.18	16.09	17.1	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	16.04	16.18	16.05	17.1	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	16.04	16.19	16.08	17.1	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	16.06	16.17	16.09	17.1	0.0	

Full&Default& EC4 Power Mode_Other PA

n66 Ant 3 other PA								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power MinMin	Power MinMax	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.60	22.65	22.64	24.0	0.0
40	QPSK	168	54	22.52	22.55	22.51	24.0	0.0
40	QPSK	216	0	21.62	21.68	21.63	23.0	1.0

n41 Ant 3 other PA								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.58	22.65	22.57	24.0	0.0
100	PI/2 BPSK	1	137	22.60	22.66	22.65		
100	PI/2 BPSK	1	271	22.61	22.65	22.57		
100	PI/2 BPSK	135	0	22.22	22.28	22.24		
100	PI/2 BPSK	135	69	22.62	22.68	22.59	24.0	0.0
100	PI/2 BPSK	135	138	22.22	22.26	22.13	23.5	0.5
100	PI/2 BPSK	270	0	22.13	22.29	22.21	24.0	0.0
100	QPSK	1	1	22.68	22.76	22.69		
100	QPSK	1	137	22.64	22.71	22.60		
100	QPSK	1	271	22.64	22.73	22.67		
100	QPSK	135	0	21.70	21.76	21.65	23.0	1.0
100	QPSK	135	69	22.65	22.73	22.64	24.0	0.0
100	QPSK	135	138	21.70	21.74	21.68	23.0	1.0
100	QPSK	270	0	21.70	21.78	21.66		
100	16QAM	1	1	21.62	21.71	21.67	23.0	1.0
100	64QAM	1	1	20.13	20.22	20.15	21.5	2.5
100	256QAM	1	1	18.22	18.23	18.21	19.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	22.65	22.64	22.59	24.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	22.54	22.66	22.62	24.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	22.60	22.70	22.57	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	22.66	22.68	22.65	24.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	22.60	22.68	22.60	24.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR
Frequency (MHz)				2518.5	2592.99	2667.48	(dBm)	(dB)
45	QPSK	1	1	22.61	22.63	22.65	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	22.66	22.71	22.61	24.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)	(dB)
35	QPSK	1	1	22.62	22.65	22.65	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	22.57	22.65	22.58	24.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR
Frequency (MHz)				2508.51	2592.99	2677.5	(dBm)	(dB)
25	QPSK	1	1	22.58	22.67	22.65	24.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	22.60	22.69	22.62	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	22.56	22.69	22.65	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	22.56	22.68	22.55	24.0	0.0

Part270 n77 Ant 6 other PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	22.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.74	20.70	20.67	21.5	0.5	
100	PI/2 BPSK	1	137	20.54	20.58	20.54			
100	PI/2 BPSK	1	271	20.56	20.63	20.53			
100	PI/2 BPSK	135	0	20.14	20.21	20.09			
100	PI/2 BPSK	135	69	20.69	20.66	20.65			
100	PI/2 BPSK	135	138	20.23	20.27	20.27	21.5	0.5	
100	PI/2 BPSK	270	0	20.29	20.30	20.21			
100	QPSK	1	1	20.79	20.81	20.75	22.0	0.0	
100	QPSK	1	137	20.70	20.65	20.59			
100	QPSK	1	271	20.72	20.79	20.75			
100	QPSK	135	0	19.65	19.58	19.62	21.0	1.0	
100	QPSK	135	69	20.68	20.77	20.68	22.0	0.0	
100	QPSK	135	138	19.61	19.66	19.52	21.0	1.0	
100	QPSK	270	0	19.68	19.69	19.66			
100	16QAM	1	1	19.43	19.62	19.52	21.0	1.0	
100	64QAM	1	1	18.19	18.17	18.20	19.5	2.5	
100	256QAM	1	1	16.21	16.30	16.26	17.5	4.5	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	20.63	20.68	20.62	22.0	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	20.52	20.59	20.54	22.0	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	20.58	20.58	20.59	22.0	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	20.61	20.65	20.49	22.0	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	20.57	20.57	20.51	22.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	20.59	20.59	20.57	22.0	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	20.55	20.65	20.48	22.0	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	20.55	20.65	20.50	22.0	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	20.54	20.61	20.56	22.0	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	20.58	20.59	20.54	22.0	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	20.54	20.58	20.51	22.0	0.0	

Part270 n78 Ant 6 other PA									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	22.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		20.65		21.5	0.5	
100	PI/2 BPSK	1	137		20.53				
100	PI/2 BPSK	1	271		20.45				
100	PI/2 BPSK	135	0		20.09				
100	PI/2 BPSK	135	69		20.60				
100	PI/2 BPSK	135	138		20.12		21.5	0.5	
100	PI/2 BPSK	270	0		20.30				
100	QPSK	1	1		20.71		22.0	0.0	
100	QPSK	1	137		20.53				
100	QPSK	1	271		20.86				
100	QPSK	135	0		19.56		21.0	1.0	
100	QPSK	135	69		20.69		22.0	0.0	
100	QPSK	135	138		19.55		21.0	1.0	
100	QPSK	270	0		19.63				
100	16QAM	1	1		19.47		21.0	1.0	
100	64QAM	1	1		18.17		19.5	2.5	
100	256QAM	1	1		16.14		17.5	4.5	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	20.59	20.66	20.54	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	20.54	20.60	20.50	22.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	20.54	20.61	20.52	22.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	20.55	20.59	20.54	22.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.55	20.64	20.57	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	20.54	20.63	20.56	22.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	20.54	20.56	20.51	22.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	20.57	20.57	20.50	22.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	20.59	20.63	20.59	22.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	20.51	20.61	20.49	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	20.58	20.57	20.52	22.0	0.0	

Reduced Power Mode for ECI2_Other PA

n66 Ant 3 other PA ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power Min/Max	Power Min/Max	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.32	17.41	17.34	18.5	0.0
40	QPSK	168	54	17.32	17.37	17.25	18.5	0.0
40	QPSK	216	0	17.24	17.35	17.33	18.5	0.0

n41 Ant 3 other PA ECI 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.85	17.80	17.80	19.3	0.0
100	PI/2 BPSK	1	137	17.83	17.86	17.73		
100	PI/2 BPSK	1	271	17.89	17.83	17.78		
100	PI/2 BPSK	135	0	17.86	17.78	17.81	19.3	0.0
100	PI/2 BPSK	135	69	17.82	17.84	17.71	19.3	0.0
100	PI/2 BPSK	135	138	17.88	17.78	17.87	19.3	0.0
100	PI/2 BPSK	270	0	17.90	17.76	17.73		
100	QPSK	1	1	17.96	17.99	17.86		
100	QPSK	1	137	17.89	17.90	17.80	19.3	0.0
100	QPSK	1	271	17.82	17.89	17.82		
100	QPSK	135	0	17.85	17.90	17.76		
100	QPSK	135	69	17.87	17.91	17.85	19.3	0.0
100	QPSK	135	138	17.88	17.87	17.76	19.3	0.0
100	QPSK	270	0	17.83	17.85	17.84		
100	16QAM	1	1	17.90	17.82	17.80		
100	64QAM	1	1	17.74	17.86	17.85	19.3	0.0
100	256QAM	1	1	17.80	17.81	17.85	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.77	17.90	17.77	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.76	17.80	17.84	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.77	17.85	17.81	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.74	17.91	17.79	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.76	17.85	17.87	19.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.82	17.90	17.78	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.75	17.83	17.84	19.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.81	17.90	17.76	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.80	17.89	17.82	19.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.88	17.87	17.80	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.75	17.89	17.80	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.80	17.86	17.83	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.79	17.87	17.85	19.3	0.0

Part270 n77 Ant 6 other PA ECI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	15.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.16	14.21	14.23			
100	PI/2 BPSK	1	137	14.30	14.32	14.26			
100	PI/2 BPSK	1	271	14.18	14.33	14.11	15.5	0.0	
100	PI/2 BPSK	135	0	14.17	14.30	14.15			
100	PI/2 BPSK	135	69	14.16	14.18	14.15			
100	PI/2 BPSK	135	138	14.18	14.32	14.24			
100	PI/2 BPSK	270	0	14.15	14.19	14.17	15.5	0.0	
100	QPSK	1	1	14.20	14.35	14.20			
100	QPSK	1	137	14.12	14.22	14.16			
100	QPSK	1	271	14.16	14.19	14.18			
100	QPSK	135	0	14.19	14.20	14.26	15.5	0.0	
100	QPSK	135	69	14.19	14.27	14.23			
100	QPSK	135	138	14.18	14.21	14.20			
100	QPSK	270	0	14.19	14.22	14.20			
100	16QAM	1	1	14.18	14.23	14.24	15.5	0.0	
100	64QAM	1	1	14.12	14.17	14.20			
100	256QAM	1	1	14.10	14.15	14.23			
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	14.07	14.27	14.19	15.5	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	15.5	0.0	
80	QPSK	1	1	14.08	14.22	14.14			
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.06	14.28	14.12	15.5	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	15.5	0.0	
60	QPSK	1	1	14.06	14.27	14.20			
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	14.06	14.26	14.18	15.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	15.5	0.0	
40	QPSK	1	1	14.07	14.26	14.14			
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.13	14.17	14.21	15.5	0.0	
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	15.5	0.0	
25	QPSK	1	1	14.10	14.26	14.11			
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	14.11	14.19	14.12	15.5	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	15.5	0.0	
15	QPSK	1	1	14.16	14.19	14.21			
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.11	14.25	14.10	15.5	0.0	

Part270 n78 Ant 6 other PA ECI 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	3750	3750	
Frequency (MHz)									
100	PI/2 BPSK	1	1		14.18		15.5	0.0	
100	PI/2 BPSK	1	137		14.16				
100	PI/2 BPSK	1	271		14.20				
100	PI/2 BPSK	135	0		14.26			0.0	
100	PI/2 BPSK	135	69		14.15		15.5	0.0	
100	PI/2 BPSK	135	138		14.17		15.5	0.0	
100	PI/2 BPSK	270	0		14.15				
100	QPSK	1	1		14.27		15.5	0.0	
100	QPSK	1	137		14.22				
100	QPSK	1	271		14.23				
100	QPSK	135	0		14.18			0.0	
100	QPSK	135	69		14.21		15.5	0.0	
100	QPSK	135	138		14.15		15.5	0.0	
100	QPSK	270	0		14.08				
100	16QAM	1	1		14.11		15.5	0.0	
100	64QAM	1	1		14.18		15.5	0.0	
100	256QAM	1	1		14.13		15.5	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	14.09	14.13	14.02	15.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	14.00	14.17	14.05	15.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	14.00	14.21	14.00	15.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	14.07	14.14	14.09	15.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	14.04	14.17	14.10	15.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	14.06	14.16	14.09	15.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	14.03	14.10	14.02	15.5	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	14.03	14.20	14.05	15.5	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	14.04	14.19	14.02	15.5	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	13.99	14.19	14.03	15.5	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	14.08	14.18	14.07	15.5	0.0	

Reduced Power Mode for ECI3_Other PA

n66 Ant 3 other PA ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power MinMin	Power MinMax	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.40	20.53	20.48	21.6	0.0
40	QPSK	168	54	20.48	20.51	20.42	21.6	0.0
40	QPSK	216	0	20.37	20.48	20.37	21.6	0.0

n41 Ant 3 other PA ECI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	21.1	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.86	19.83	19.74	21.1	0.0
100	PI/2 BPSK	1	137	19.83	19.76	19.71		
100	PI/2 BPSK	1	271	19.79	19.77	19.73	21.1	0.0
100	PI/2 BPSK	135	0	19.80	19.85	19.76		
100	PI/2 BPSK	135	69	19.66	19.75	19.64	21.1	0.0
100	PI/2 BPSK	135	138	19.69	19.78	19.75		
100	PI/2 BPSK	270	0	19.78	19.89	19.76	21.1	0.0
100	QPSK	1	1	19.88	19.91	19.86		
100	QPSK	1	137	19.78	19.84	19.70	21.1	0.0
100	QPSK	1	271	19.83	19.79	19.80		
100	QPSK	135	0	19.83	19.85	19.75	21.1	0.0
100	QPSK	135	69	19.76	19.89	19.68		
100	QPSK	135	138	19.86	19.87	19.72	21.1	0.0
100	QPSK	270	0	19.75	19.88	19.67		
100	16QAM	1	1	19.75	19.73	19.68	21.1	0.0
100	64QAM	1	1	19.67	19.80	19.68		
100	256QAM	1	1	18.29	18.37	18.27	19.5	1.6
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	19.87	19.88	19.63	21.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.88	19.81	19.67	21.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.87	19.83	19.67	21.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.81	19.85	19.72	21.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.84	19.88	19.65	21.1	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.77	19.85	19.83	21.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.83	19.87	19.66	21.1	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.75	19.80	19.73	21.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.88	19.83	19.67	21.1	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.85	19.84	19.73	21.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.86	19.89	19.70	21.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.79	19.85	19.63	21.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.82	19.89	19.72	21.1	0.0

Part270 n77 Ant 6 other PA ECI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	3830		
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.26	17.22	17.12	18.9		
100	PI/2 BPSK	1	137	17.17	17.26	17.29			
100	PI/2 BPSK	1	271	17.14	17.21	17.17	18.9		
100	PI/2 BPSK	135	0	17.22	17.19	17.20		0.0	
100	PI/2 BPSK	135	69	17.17	17.25	17.20	18.9	0.0	
100	PI/2 BPSK	135	138	17.30	17.22	17.17		0.0	
100	PI/2 BPSK	270	0	17.26	17.13	17.26	18.9	0.0	
100	QPSK	1	1	17.35	17.40	17.30			
100	QPSK	1	137	17.15	17.33	17.20	18.9	0.0	
100	QPSK	1	271	17.14	17.21	17.14			
100	QPSK	135	0	17.15	17.23	17.27	18.9	0.0	
100	QPSK	135	69	17.24	17.32	17.20		0.0	
100	QPSK	135	138	17.23	17.23	17.16	18.9	0.0	
100	QPSK	270	0	17.21	17.26	17.22		0.0	
100	16QAM	1	1	17.11	17.26	17.18	18.9	0.0	
100	64QAM	1	1	17.14	17.25	17.18		0.0	
100	256QAM	1	1	16.22	16.23	16.22	17.5	1.4	
Channel				649668	656000	662334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	17.28	17.15	17.20	18.9	0.0	
Channel				649334	656000	662668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	17.19	17.22	17.20	18.9	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	17.26	17.25	17.26	18.9	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	17.24	17.23	17.20	18.9	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	17.27	17.16	17.26	18.9	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	17.21	17.23	17.16	18.9	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	17.28	17.18	17.21	18.9	0.0	
Channel				647500	656000	664500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	17.20	17.16	17.24	18.9	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	17.19	17.21	17.28	18.9	0.0	
Channel				647168	656000	664834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	17.26	17.16	17.20	18.9	0.0	
Channel				647000	656000	665000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	17.18	17.26	17.24	18.9	0.0	

Part270 n78 Ant 6 other PA ECI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	3750		
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		17.13		18.9		
100	PI/2 BPSK	1	137		17.19			0.0	
100	PI/2 BPSK	1	271		17.16		18.9	0.0	
100	PI/2 BPSK	135	0		17.07			0.0	
100	PI/2 BPSK	135	69		17.08		18.9	0.0	
100	PI/2 BPSK	135	138		17.19			0.0	
100	PI/2 BPSK	270	0		17.05		18.9	0.0	
100	QPSK	1	1		17.36				
100	QPSK	1	137		17.26		18.9	0.0	
100	QPSK	1	271		17.12				
100	QPSK	135	0		17.05		18.9	0.0	
100	QPSK	135	69		17.20			0.0	
100	QPSK	135	138		17.17		18.9	0.0	
100	QPSK	270	0		17.17			0.0	
100	16QAM	1	1		17.27		18.9	0.0	
100	64QAM	1	1		17.06			0.0	
100	256QAM	1	1		16.03		17.5	1.4	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	17.19	17.11	17.11	18.9	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	17.19	17.11	17.12	18.9	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	17.11	17.16	17.09	18.9	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	17.11	17.05	17.05	18.9	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	17.19	17.06	17.07	18.9	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	17.10	17.17	17.02	18.9	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	17.11	17.12	17.13	18.9	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	17.08	17.15	17.08	18.9	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	17.09	17.09	17.13	18.9	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	17.13	17.11	17.13	18.9	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	17.19	17.15	17.08	18.9	0.0	

Reduced Power Mode for ECI5_Other PA

n66 Ant 3 other PA ECI 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power Min/delta	Power Max/delta	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.60	22.65	22.64	24.0	0.0
40	QPSK	168	54	22.52	22.55	22.51	24.0	0.0
40	QPSK	216	0	21.62	21.68	21.63	23.0	1.0

n41 Ant 3 other PA ECI 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				509202	518598	528000	23.6	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.14	22.30	22.10	23.6	0.0
100	PI/2 BPSK	1	137	22.21	22.33	22.16		
100	PI/2 BPSK	1	271	22.13	22.24	22.16	23.5	0.1
100	PI/2 BPSK	135	0	22.22	22.31	22.11		
100	PI/2 BPSK	135	69	22.16	22.33	22.20	23.6	0.0
100	PI/2 BPSK	135	138	22.10	22.24	22.18		
100	PI/2 BPSK	270	0	22.09	22.28	22.15	23.5	0.1
100	QPSK	1	1	22.38	22.45	22.37		
100	QPSK	1	137	22.13	22.29	22.15	23.6	0.0
100	QPSK	1	271	22.13	22.29	22.18		
100	QPSK	135	0	21.65	21.81	21.62	23.0	0.6
100	QPSK	135	69	22.26	22.43	22.33		
100	QPSK	135	138	21.55	21.76	21.57	23.0	0.6
100	QPSK	270	0	21.68	21.78	21.60		
100	16QAM	1	1	21.53	21.67	21.65	23.0	0.6
100	64QAM	1	1	20.28	20.29	20.27		
100	256QAM	1	1	18.23	18.27	18.29	19.5	4.1
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	22.16	22.33	22.10	23.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99	23.6	0.0
80	QPSK	1	1	22.22	22.32	22.17		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655	23.6	0.0
70	QPSK	1	1	22.20	22.23	22.18		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98	23.6	0.0
60	QPSK	1	1	22.11	22.22	22.13		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99	23.6	0.0
50	QPSK	1	1	22.22	22.22	22.10		
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48	23.6	0.0
45	QPSK	1	1	22.32	22.34	22.31		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	23.6	0.0
40	QPSK	1	1	22.17	22.27	22.14		
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49	23.6	0.0
35	QPSK	1	1	22.30	22.36	22.25		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	23.6	0.0
30	QPSK	1	1	22.23	22.25	22.09		
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5	23.6	0.0
25	QPSK	1	1	22.25	22.38	22.30		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99	23.6	0.0
20	QPSK	1	1	22.20	22.29	22.13		
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48	23.6	0.0
15	QPSK	1	1	22.16	22.23	22.17		
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685	23.6	0.0
10	QPSK	1	1	22.17	22.21	22.19		

Part270 n77 Ant 6 other PA ECI 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				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.11	18.19	18.21	19.6	0.0	
100	PI/2 BPSK	1	137	18.11	18.21	18.12			
100	PI/2 BPSK	1	271	18.13	18.19	18.10	19.6	0.0	
100	PI/2 BPSK	135	0	18.03	18.17	18.10			
100	PI/2 BPSK	135	69	18.01	18.20	18.21	19.6	0.0	
100	PI/2 BPSK	135	138	18.12	18.24	18.19			
100	PI/2 BPSK	270	0	18.10	18.30	18.12	19.6	0.0	
100	QPSK	1	1	18.25	18.39	18.30			
100	QPSK	1	137	18.13	18.19	18.19	19.6	0.0	
100	QPSK	1	271	18.21	18.19	18.21			
100	QPSK	135	0	18.03	18.11	18.17	19.6	0.0	
100	QPSK	135	69	18.23	18.29	18.19			
100	QPSK	135	138	18.14	18.27	18.21	19.6	0.0	
100	QPSK	270	0	18.20	18.26	18.18			
100	16QAM	1	1	18.20	18.24	18.22	19.6	0.0	
100	64QAM	1	1	18.13	18.09	18.17			
100	256QAM	1	1	16.09	16.23	16.15	19.5	0.1	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.04	18.16	18.18	19.6	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.02	18.09	18.12	19.6	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	18.10	18.14	18.11	19.6	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.10	18.09	18.19	19.6	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.00	18.16	18.12	19.6	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.04	18.14	18.08	19.6	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.12	18.10	18.16	19.6	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.08	18.08	18.17	19.6	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.03	18.10	18.18	19.6	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.01	18.16	18.18	19.6	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.12	18.11	18.17	19.6	0.0	

Part270 n78 Ant 6 other PA ECI 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				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		17.98		19.6	0.0	
100	PI/2 BPSK	1	137		18.14				
100	PI/2 BPSK	1	271		18.03		19.6	0.0	
100	PI/2 BPSK	135	0		18.15				
100	PI/2 BPSK	135	69		18.05		19.6	0.0	
100	PI/2 BPSK	135	138		18.08				
100	PI/2 BPSK	270	0		18.15		19.6	0.0	
100	QPSK	1	1		18.33				
100	QPSK	1	137		18.21		19.6	0.0	
100	QPSK	1	271		18.20				
100	QPSK	135	0		18.11		19.6	0.0	
100	QPSK	135	69		18.21				
100	QPSK	135	138		18.20		19.6	0.0	
100	QPSK	270	0		18.17				
100	16QAM	1	1		18.07		19.6	0.0	
100	64QAM	1	1		18.03				
100	256QAM	1	1		16.21		17.5	2.1	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	17.93	17.98	18.05	19.6	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	17.99	18.05	18.14	19.6	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	17.98	17.96	18.05	19.6	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	17.98	18.06	18.13	19.6	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	17.90	18.02	18.09	19.6	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	17.88	18.06	18.05	19.6	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	17.97	18.08	18.16	19.6	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	17.96	18.03	18.11	19.6	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	17.95	18.06	18.06	19.6	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	17.90	17.99	18.15	19.6	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	17.91	18.02	18.09	19.6	0.0	

Reduced Power Mode for ECI6_Other PA

n66 Ant 3 other PA ECI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 _{max}	Power 1 _{Min}	Power 1 _{Min}	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.51	21.53	21.44	22.9	0.0
40	QPSK	168	54	21.42	21.50	21.37	22.9	0.0
40	QPSK	216	0	21.37	21.38	21.30	22.9	0.0

n41 Ant 3 other PA EC16								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.60	21.67	21.58	23.1	0.0
100	PI/2 BPSK	1	137	21.64	21.73	21.63		
100	PI/2 BPSK	1	271	21.79	21.71	21.63		
100	PI/2 BPSK	135	0	21.69	21.65	21.64	23.1	0.0
100	PI/2 BPSK	135	69	21.62	21.71	21.62	23.1	0.0
100	PI/2 BPSK	135	138	21.73	21.73	21.58	23.1	0.0
100	PI/2 BPSK	270	0	21.75	21.71	21.61		
100	QPSK	1	1	21.79	21.89	21.78		
100	QPSK	1	137	21.64	21.74	21.62	23.1	0.0
100	QPSK	1	271	21.71	21.74	21.64		
100	QPSK	135	0	21.67	21.77	21.54		
100	QPSK	135	69	21.83	21.84	21.83	23.1	0.0
100	QPSK	135	138	21.65	21.79	21.68	23.0	0.1
100	QPSK	270	0	21.72	21.75	21.74		
100	16QAM	1	1	21.68	21.72	21.63		
100	64QAM	1	1	20.34	20.33	20.23	21.5	1.6
100	256QAM	1	1	18.32	18.34	18.28	19.5	3.6
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.71	21.73	21.63	23.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.75	21.69	21.59	23.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.71	21.69	21.63	23.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.70	21.69	21.55	23.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.70	21.68	21.61	23.1	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.68	21.76	21.73	23.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.75	21.66	21.53	23.1	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.48		
35	QPSK	1	1	21.74	21.63	21.72	23.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.68	21.64	21.54	23.1	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.75	21.81	21.71	23.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.74	21.69	21.53	23.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.69	21.69	21.59	23.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.78	21.65	21.60	23.1	0.0

Part270 n77 Ant 6 other PA ECI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	3750		
Frequency (MHz)									
100	PI2 BPSK	1	1	18.69	18.81	18.79	20.2	0.0	
100	PI2 BPSK	1	137	18.63	18.71	18.77			
100	PI2 BPSK	1	271	18.79	18.81	18.69	20.2	0.0	
100	PI2 BPSK	135	0	18.70	18.82	18.80			
100	PI2 BPSK	135	69	18.69	18.86	18.80	20.2	0.0	
100	PI2 BPSK	135	138	18.75	18.77	18.82			
100	PI2 BPSK	270	0	18.74	18.72	18.80	20.2	0.0	
100	QPSK	1	1	18.66	18.91	18.81			
100	QPSK	1	137	18.79	18.75	18.82	20.2	0.0	
100	QPSK	1	271	18.74	18.84	18.89			
100	QPSK	135	0	18.85	18.82	18.77	20.2	0.0	
100	QPSK	135	69	18.70	18.86	18.73			
100	QPSK	135	138	18.72	18.79	18.71	20.2	0.0	
100	QPSK	270	0	18.67	18.79	18.73			
100	16QAM	1	1	18.78	18.79	18.71	20.2	0.0	
100	64QAM	1	1	18.17	18.19	18.29			
100	256QAM	1	1	16.24	16.22	16.21	17.5	2.7	
Channel				649668	656000	662334	3745.02	3840	
Frequency (MHz)									
90	QPSK	1	1	18.56	18.70	18.63	20.2	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	20.2	MPR (dB)	
80	QPSK	1	1	18.58	18.68	18.59		20.2	
Channel				649000	656000	663000	3725	3840	
Frequency (MHz)									
70	QPSK	1	1	18.64	18.67	18.67	20.2	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	20.2	MPR (dB)	
60	QPSK	1	1	18.60	18.73	18.62		20.2	
Channel				648334	656000	663668	3725.01	3840	
Frequency (MHz)									
50	QPSK	1	1	18.60	18.66	18.65	20.2	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	20.2	MPR (dB)	
40	QPSK	1	1	18.64	18.76	18.65		20.2	
Channel				647668	656000	664334	3715.02	3840	
Frequency (MHz)									
30	QPSK	1	1	18.59	18.77	18.62	20.2	0.0	
Channel				647500	656000	664500			
Frequency (MHz)				3712.5	3840	3967.5	20.2	MPR (dB)	
25	QPSK	1	1	18.57	18.67	18.70		20.2	
Channel				647334	656000	664668	3710.01	3840	
Frequency (MHz)									
20	QPSK	1	1	18.57	18.69	18.68	20.2	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51	20.2	MPR (dB)	
15	QPSK	1	1	18.58	18.70	18.67		20.2	
Channel				647000	656000	665000	3705	3840	
Frequency (MHz)									
10	QPSK	1	1	18.63	18.70	18.61	20.2		

Part270 n78 Ant 6 other PA ECI6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	3750	3750	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		18.78		20.2	0.0	
100	PI/2 BPSK	1	137		18.66				
100	PI/2 BPSK	1	271		18.70		20.2	0.0	
100	PI/2 BPSK	135	0		18.77				
100	PI/2 BPSK	135	69		18.73		20.2	0.0	
100	PI/2 BPSK	135	138		18.66				
100	PI/2 BPSK	270	0		18.72		20.2	0.0	
100	QPSK	1	1		18.86				
100	QPSK	1	137		18.72		20.2	0.0	
100	QPSK	1	271		18.73				
100	QPSK	135	0		18.74		20.2	0.0	
100	QPSK	135	69		18.80				
100	QPSK	135	138		18.77		20.2	0.0	
100	QPSK	270	0		18.71				
100	16QAM	1	1		18.75		20.2	0.0	
100	64QAM	1	1		18.14				
100	256QAM	1	1		16.14		17.5	2.7	
Channel				649668	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.54	18.75	18.62	20.2	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	20.2	0.0	
80	QPSK	1	1	18.56	18.76	18.62	20.2	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	20.2	0.0	
70	QPSK	1	1	18.63	18.77	18.69	20.2	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	20.2	0.0	
60	QPSK	1	1	18.65	18.68	18.61	20.2	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	20.2	0.0	
50	QPSK	1	1	18.60	18.72	18.63	20.2	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	20.2	0.0	
40	QPSK	1	1	18.60	18.68	18.60	20.2	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	20.2	0.0	
30	QPSK	1	1	18.64	18.77	18.69	20.2	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	20.2	0.0	
25	QPSK	1	1	18.58	18.77	18.65	20.2	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	20.2	0.0	
20	QPSK	1	1	18.61	18.75	18.64	20.2	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	20.2	0.0	
15	QPSK	1	1	18.59	18.77	18.68	20.2	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	20.2	0.0	
10	QPSK	1	1	18.62	18.65	18.70	20.2	0.0	

Reduced Power Mode for ECI9_Other PA

n66 Ant 3 other PA ECI 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power MinMin	Power MinMax	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.25	16.39	16.36	17.8	0.0
40	QPSK	168	54	16.28	16.37	16.36	17.8	0.0
40	QPSK	216	0	16.24	16.32	16.30	17.8	0.0

n41 Ant 3 other PA ECI 9								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	17.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.66	15.76	15.66	17.5	0.0
100	PI/2 BPSK	1	137	15.63	15.78	15.70		
100	PI/2 BPSK	1	271	15.66	15.84	15.54	17.5	0.0
100	PI/2 BPSK	135	0	15.77	15.77	15.62		
100	PI/2 BPSK	135	69	15.71	15.85	15.72	17.5	0.0
100	PI/2 BPSK	135	138	15.80	15.85	15.73		
100	PI/2 BPSK	270	0	15.70	15.82	15.69	17.5	0.0
100	QPSK	1	1	15.66	15.97	15.76		
100	QPSK	1	137	15.67	15.84	15.51	17.5	0.0
100	QPSK	1	271	15.64	15.84	15.66		
100	QPSK	135	0	15.78	15.79	15.78	17.5	0.0
100	QPSK	135	69	15.79	15.93	15.80		
100	QPSK	135	138	15.78	15.89	15.75	17.5	0.0
100	QPSK	270	0	15.73	15.88	15.65		
100	16QAM	1	1	15.73	15.77	15.57	17.5	0.0
100	64QAM	1	1	15.71	15.77	15.62		
100	256QAM	1	1	15.74	15.87	15.71	17.5	0.0
Channel				508200	518598	528996		
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	15.67	15.84	15.68	17.5	0.0
Channel				507204	518598	529998	17.5	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.66	15.89	15.68	17.5	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	15.67	15.95	15.71	17.5	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	15.68	15.88	15.66	17.5	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	15.60	15.86	15.69	17.5	0.0
Channel				503700	518598	533496		
Frequency (MHz)				2518.5	2592.99	2667.48	Tune-up limit (dBm)	MPR (dB)
45	QPSK	1	1	15.58	15.93	15.66	17.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	15.65	15.84	15.74	17.5	0.0
Channel				502704	518598	534498		
Frequency (MHz)				2513.52	2592.99	2672.48	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	15.59	15.92	15.70	17.5	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	15.66	15.90	15.72	17.5	0.0
Channel				501702	518598	535500		
Frequency (MHz)				2508.51	2592.99	2677.5	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	15.55	15.85	15.65	17.5	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	15.68	15.93	15.78	17.5	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	15.63	15.90	15.68	17.5	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	15.68	15.84	15.76	17.5	0.0

Part270 n77 Ant 6 other PA ECI 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	14.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.20	13.24	13.23			
100	PI/2 BPSK	1	137	13.08	13.04	13.02	14.5	0.0	
100	PI/2 BPSK	1	271	13.07	13.13	13.00			
100	PI/2 BPSK	135	0	13.11	13.21	13.12			
100	PI/2 BPSK	135	69	13.21	13.24	13.12	14.5	0.0	
100	PI/2 BPSK	135	138	13.25	13.20	13.17			
100	PI/2 BPSK	270	0	13.25	13.29	13.21			
100	QPSK	1	1	13.19	13.39	13.28	14.5	0.0	
100	QPSK	1	137	13.25	13.31	13.13			
100	QPSK	1	271	13.13	13.28	13.20			
100	QPSK	135	0	13.21	13.14	13.15	14.5	0.0	
100	QPSK	135	69	13.26	13.27	13.19			
100	QPSK	135	138	13.01	13.11	13.10			
100	QPSK	270	0	13.10	13.18	13.11	14.5	0.0	
100	16QAM	1	1	13.00	13.14	13.03			
100	64QAM	1	1	13.12	13.24	13.30			
100	256QAM	1	1	13.30	13.29	13.23	14.5		0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	13.17	13.28	13.29	14.5		
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	1	13.18	13.38	13.22	14.5		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dBm)		
70	QPSK	1	1	13.17	13.36	13.24	14.5		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	1	13.12	13.34	13.33	14.5		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	1	13.10	13.31	13.24	14.5		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	13.16	13.31	13.24	14.5		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	1	13.09	13.33	13.31	14.5		
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)		
25	QPSK	1	1	13.21	13.30	13.25	14.5		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	1	13.14	13.29	13.29	14.5		
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	1	13.18	13.30	13.26	14.5		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	1	13.20	13.35	13.30	14.5		

Part270 n78 Ant 6 other PA ECI 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	14.5	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.17				
100	PI/2 BPSK	1	137		12.93		14.5	0.0	
100	PI/2 BPSK	1	271		12.99				
100	PI/2 BPSK	135	0		13.14				
100	PI/2 BPSK	135	69		13.10		14.5	0.0	
100	PI/2 BPSK	135	138		13.10				
100	PI/2 BPSK	270	0		13.24				
100	QPSK	1	1		13.26		14.5	0.0	
100	QPSK	1	137		12.97				
100	QPSK	1	271		13.14				
100	QPSK	135	0		13.09		14.5	0.0	
100	QPSK	135	69		13.17				
100	QPSK	135	138		13.05				
100	QPSK	270	0		13.18		14.5	0.0	
100	16QAM	1	1		13.08				
100	64QAM	1	1		13.15				
100	256QAM	1	1		13.10		14.5	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	12.95	13.05	12.92	14.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	12.90	13.00	12.97	14.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	12.96	12.99	12.93	14.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	12.87	12.98	12.94	14.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	12.89	12.97	12.94	14.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	12.89	13.05	12.92	14.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	12.91	12.96	13.03	14.5	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1	12.89	12.98	12.94	14.5	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	12.88	13.05	12.92	14.5	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	12.95	12.95	12.98	14.5	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	12.93	12.94	13.03	14.5	0.0	

Reduced Power Mode for ECI10_Other PA

n66 Ant 3 other PA ECI 10								
BW [MHz]	Modulation	RB Size	RB Offset	Power 1 max	Power Min/Max	Power Min/Max	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.41	19.57	19.54	20.9	0.0
40	QPSK	168	54	19.34	19.54	19.36	20.9	0.0
40	QPSK	216	0	19.41	19.51	19.49	20.9	0.0

n41 Ant 3 other PA ECI 10								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.24	17.43	17.24	18.3	0.0
100	PI/2 BPSK	1	137	17.23	17.44	17.24		
100	PI/2 BPSK	1	271	17.22	17.38	17.26		
100	PI/2 BPSK	135	0	17.37	17.45	17.36	18.3	0.0
100	PI/2 BPSK	135	69	17.37	17.40	17.22	18.3	0.0
100	PI/2 BPSK	135	138	17.34	17.38	17.38	18.3	0.0
100	PI/2 BPSK	270	0	17.28	17.34	17.33		
100	QPSK	1	1	17.21	17.49	17.36		
100	QPSK	1	137	17.22	17.45	17.20	18.3	0.0
100	QPSK	1	271	17.15	17.42	17.24		
100	QPSK	135	0	17.35	17.43	17.42		
100	QPSK	135	69	17.43	17.45	17.36	18.3	0.0
100	QPSK	135	138	17.29	17.40	17.31	18.3	0.0
100	QPSK	270	0	17.30	17.41	17.28		
100	16QAM	1	1	17.22	17.40	17.22		
100	64QAM	1	1	17.39	17.44	17.24	18.3	0.0
100	256QAM	1	1	17.30	17.46	17.36	18.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.18	17.40	17.23	18.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.12	17.44	17.23	18.3	0.0
Channel				506202	518598	531000	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.19	17.45	17.23	18.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.19	17.47	17.24	18.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.16	17.38	17.27	18.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.14	17.36	17.30	18.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.13	17.35	17.24	18.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.08	17.46	17.24	18.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.18	17.39	17.29	18.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.17	17.39	17.24	18.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.12	17.45	17.23	18.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.16	17.36	17.26	18.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.19	17.36	17.26	18.3	0.0

Part270 n77 Ant 6 other PA ECI 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	15.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.77	13.72	13.78	15.0	0.0	
100	PI/2 BPSK	1	137	13.60	13.54	13.52			
100	PI/2 BPSK	1	271	13.57	13.65	13.50	15.0	0.0	
100	PI/2 BPSK	135	0	13.64	13.73	13.70			
100	PI/2 BPSK	135	69	13.66	13.73	13.61	15.0	0.0	
100	PI/2 BPSK	135	138	13.65	13.70	13.72			
100	PI/2 BPSK	270	0	13.71	13.73	13.65	15.0	0.0	
100	QPSK	1	1	13.79	13.83	13.80			
100	QPSK	1	137	13.72	13.71	13.54	15.0	0.0	
100	QPSK	1	271	13.66	13.68	13.69			
100	QPSK	135	0	13.65	13.62	13.53	15.0	0.0	
100	QPSK	135	69	13.72	13.74	13.63			
100	QPSK	135	138	13.55	13.68	13.61	15.0	0.0	
100	QPSK	270	0	13.68	13.72	13.59			
100	16QAM	1	1	13.58	13.49	13.45	15.0	0.0	
100	64QAM	1	1	13.67	13.66	13.73			
100	256QAM	1	1	13.77	13.81	13.66	15.0	0.0	
Channel				649668	656000	662334		MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	13.66	13.73	13.72	15.0	0.0	
Channel				649334	656000	662668		MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	13.66	13.72	13.75	15.0	0.0	
Channel				649000	656000	663000		MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	13.77	13.76	13.69	15.0	0.0	
Channel				648668	656000	663334		MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	13.69	13.68	13.66	15.0	0.0	
Channel				648334	656000	663668		MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	13.65	13.69	13.73	15.0	0.0	
Channel				648000	656000	664000		MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	13.77	13.79	13.66	15.0	0.0	
Channel				647668	656000	664334		MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	13.73	13.74	13.73	15.0	0.0	
Channel				647500	656000	664500		MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	13.66	13.74	13.69	15.0	0.0	
Channel				647334	656000	664668		MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	13.73	13.69	13.70	15.0	0.0	
Channel				647168	656000	664834		MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	13.73	13.79	13.70	15.0	0.0	
Channel				647000	656000	665000		MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	13.68	13.73	13.71	15.0	0.0	
Channel				646834	656000	665168		MPR (dB)	
Frequency (MHz)				3702.51	3840	3977.52			

Part270 n78 Ant 6 other PA ECI 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	15.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		13.68		15.0	0.0	
100	PI/2 BPSK	1	137		13.43				
100	PI/2 BPSK	1	271		13.49		15.0	0.0	
100	PI/2 BPSK	135	0		13.63				
100	PI/2 BPSK	135	69		13.64		15.0	0.0	
100	PI/2 BPSK	135	138		13.66				
100	PI/2 BPSK	270	0		13.63		15.0	0.0	
100	QPSK	1	1		13.74				
100	QPSK	1	137		13.65		15.0	0.0	
100	QPSK	1	271		13.64				
100	QPSK	135	0		13.55		15.0	0.0	
100	QPSK	135	69		13.67				
100	QPSK	135	138		13.62		15.0	0.0	
100	QPSK	270	0		13.64				
100	16QAM	1	1		13.41		15.0	0.0	
100	64QAM	1	1		13.70				
100	256QAM	1	1		13.59		15.0	0.0	
Channel				649668	650000	650334		MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	13.66	13.72	13.60	15.0	0.0	
Channel				649334	650000	650668		MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	13.73	13.68	13.59	15.0	0.0	
Channel				649000	650000	651000		MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	13.61	13.69	13.58	15.0	0.0	
Channel				648668	650000	651334		MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	13.68	13.73	13.59	15.0	0.0	
Channel				648334	650000	651668		MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	13.65	13.66	13.60	15.0	0.0	
Channel				648000	650000	652000		MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	13.70	13.67	13.62	15.0	0.0	
Channel				647668	650000	652334		MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	13.65	13.66	13.56	15.0	0.0	
Channel				647500	650000	652500		MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	13.71	13.71	13.63	15.0	0.0	
Channel				647334	650000	652668		MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	13.62	13.66	13.62	15.0	0.0	
Channel				647168	650000	652834		MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	13.62	13.69	13.61	15.0	0.0	
Channel				647000	650000	653000		MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	13.69	13.65	13.65	15.0	0.0	
Channel				646834	650000	653168		MPR (dB)	
Frequency (MHz)				3702.51	3750	3797.52			

2.4GHz WLAN				Ant 7 Head Standalone		Ant 7 open Hotspot close Hotspot		Ant 7 Extremity Standalone		Ant 5 close Body-worn Standalone		Ant 5 open Body-worn Standalone		Duty Cycle
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11b 1Mbps	1	2412		16.00			12.50		19.50		18.50		18.00	100
	6	2437	14.86	16.00	11.29	12.50	18.63	19.50		18.50	17.29	18.00		
	11	2462	14.64	16.00		12.50		19.50	18.00	18.50		18.00		

5.2GHz WLAN			Ant 7 close Hotspot		Ant 5 Head Standalone		Ant 5 open Hotspot		
Mode	Channel	Frequency (MHz)	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	17.00		18.00		19.50	96.97
		40	5200	17.00		18.00		19.50	
		44	5230	17.00		18.00		19.50	
	802.11a-HT20 MCS0	48	5240	17.00		18.00		19.50	96.77
		36	5190	Not Required	Not Required	18.00	Not Required	19.00	
		40	5200	17.00		18.00		19.50	
	802.11a-HT40 MCS0	44	5230	17.00		18.00		19.50	93.70
		48	5240	17.00		18.00		19.50	
		36	5190	15.31	16.41	18.00	17.56	19.50	
	802.11a-VHT20 MCS0	40	5200	17.00		18.00		19.00	96.79
		44	5230	17.00		18.00		19.50	
		48	5240	17.00		18.00		19.50	
	802.11a-VHT40 MCS0	36	5190	17.00		18.00		19.50	93.78
		40	5230	17.00		18.00		19.50	
		44	5240	17.00		18.00		19.50	
	802.11a-VHT80 MCS0	42	5210	12.00		13.00		13.68	88.19
		36	5190	Not Required	Not Required	18.00	Not Required	19.50	
		40	5200	17.00		18.00		19.50	
	802.11a-HE20 MCS0	44	5230	17.00		18.00		19.50	95.89
		48	5240	17.00		18.00		19.50	
		36	5190	17.00		18.00		19.50	
	802.11a-HE40 MCS0	40	5230	17.00		18.00		19.50	92.46
		44	5240	17.00		18.00		19.50	
		42	5210	12.50		13.50		13.50	

5.3GHz WLAN			Ant 5 Full power Extremity Standalone open Body-worn Standalone close Body-worn Standalone			Ant 5 Head Standalone		
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	5200	20.50	Not Required	18.00	96.97	
		56	5280	20.00		18.00		
		60	5300	20.00		18.00		
	802.11a-VHT20 MCS0	64	5320	20.00	Not Required	18.00	96.77	
		52	5200	20.00		18.00		
		60	5300	20.00		18.00		
	802.11a-HT40 MCS0	64	5320	20.50	Not Required	18.00	93.70	
		54	5270	19.61		16.49		18.00
		62	5310	19.50		18.00		
	802.11a-VHT20 MCS0	52	5200	20.00	Not Required	18.00	96.79	
		56	5280	20.00		18.00		
		60	5300	20.00		18.00		
	802.11a-VHT40 MCS0	54	5270	21.00	Not Required	18.00	93.78	
		62	5310	19.50		18.00		
		56	5280	15.50		15.50		
	802.11a-HE20 MCS0	52	5200	20.50	Not Required	18.00	95.89	
		56	5280	20.50		18.00		
		60	5300	21.00		18.00		
	802.11a-HE40 MCS0	54	5270	21.50	Not Required	18.00	92.46	
		62	5310	19.50		18.00		
		58	5290	15.50		15.50		

5.5GHz WLAN			Ant 5 Full power Extremity Standalone close Body-worn Standalone		Ant 5 Head Standalone		Ant 7 open Body-worn Standalone			
	Mode	Channel	Frequency (MHz)	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	5500	19.50		17.00		19.50	96.97
			116	5580	19.50		17.00		19.50	
			124	5620	19.50		17.00		19.50	
			132	5660	19.50		17.00		19.50	
			140	5700	19.50		17.00		19.50	
			144	5720	20.00		17.00		19.50	
	802.11a-HT20 MCS0		100	5500	20.00		17.00		19.50	96.77
			116	5580	20.00		17.00		19.50	
			124	5620	20.00		17.00		19.50	
			132	5660	20.00		17.00		19.50	
			140	5700	19.50		17.00		19.50	
			144	5720	20.00		17.00		19.50	
	802.11a-HT40 MCS0		100	5500	20.00		17.00		19.50	93.70
			116	5580	20.00		17.00		19.50	
			124	5620	20.00		17.00		19.50	
			132	5660	20.00		17.00		19.50	
			140	5700	20.00		17.00		19.50	
			142	5710	20.50		17.00		19.50	
	802.11a- VHT20 MCS0		100	5500	20.00		17.00		19.50	96.79
			116	5580	20.00		17.00		19.50	
			124	5620	20.00		17.00		19.50	
			132	5660	20.00		17.00		19.50	
			140	5700	19.50		17.00		19.50	
			144	5720	20.00		17.00		19.50	
	802.11a- VHT40 MCS0		100	5500	20.00		17.00		19.50	93.78
			116	5580	20.00		17.00		19.50	
			124	5620	20.00		17.00		19.50	
			132	5660	20.00		17.00		19.50	
			140	5700	20.00		17.00		19.50	
			142	5710	21.00		17.00		19.50	
	802.11a- VHT80 MCS0		106	5530	16.50		16.50		16.00	88.19
			122	5610	21.00		17.00		19.50	
			138	5690	19.20	15.33	17.00	18.19	19.50	
			100	5500	20.00		17.00		19.50	
			116	5580	20.50		17.00		19.50	
			124	5620	20.50		17.00		19.50	
	802.11a- HE20 MCS0		132	5660	20.00		17.00		19.50	95.89
			140	5700	20.00		17.00		19.50	
			144	5720	20.00		17.00		19.50	
			102	5510	Not Required	Not Required	17.00	Not Required	18.50	
			110	5550	Not Required	Not Required	17.00	Not Required	19.50	
			126	5630	21.00		17.00		19.50	
	802.11a- HE40 MCS0		134	5670	21.00		17.00		19.50	92.46
			142	5710	21.00		17.00		19.50	
			106	5530	16.50		17.00		19.50	
			122	5610	21.00		17.00		19.50	
			138	5690	21.00		17.00		19.50	
			108	5530	16.50		17.00		19.50	
802.11a- HE80 MCS0		122	5610	21.00		17.00		19.50	86.84	
		138	5690	21.00		17.00		19.50		
		108	5530	16.50		17.00		19.50		

5.8GHz WLAN				Ant 5 Head Standalone		Ant 5 open Hotspot		Ant 5 Extremity Standalone		Ant 5 close Hotspot		Ant 5 open Body-worn Standalone		Ant 7 close Body-worn Standalone			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.00		13.50		20.00		14.00		19.50		21.00			96.97
		157	5785	16.00		13.50		20.00		14.00		19.50		21.00			
		165	5825	16.00		13.50		20.00		14.00		19.50		21.00			
	802.11a-HT20 MCS0	149	5745	16.00		13.50		20.00		14.00		19.50		21.00			96.77
		157	5785	16.00		13.50		20.00		14.00		19.50		21.00			
		165	5825	16.00		13.50		20.00		14.00		19.50		21.00			
	802.11a-HT40 MCS0	151	5755	Not Required	Not Required	13.50	Not Required	20.00	Not Required	14.00	Not Required	19.50	Not Required	20.50			93.70
		159	5795	16.00		13.50		20.00		14.00		19.50		20.50			
		149	5745	16.00		13.50		20.00		14.00		19.50		21.00			
	802.11a-VHT20 MCS0	157	5785	16.00		13.50		20.00		14.00		19.50		21.00			96.79
		165	5825	16.00		13.50		20.00		14.00		19.50		21.00			
		151	5755	16.00		13.50		20.00		14.00		19.50		20.50			
	802.11a-VHT40 MCS0	159	5795	16.00		13.50		20.00		14.00		19.50		20.50			93.46
		155	5775	14.89	16.00	12.44	13.50	18.87	12.85	14.00	18.26	19.50	18.82	20.00			
		149	5745	16.00		13.50		20.00		14.00		19.50		21.00			
	802.11a-VHT80 MCS0	157	5785	16.00		13.50		20.00		14.00		19.50		21.00			95.89
		165	5825	Not Required	Not Required	13.50	Not Required	20.00	Not Required	14.00	Not Required	19.50	Not Required	21.00			
		151	5755	16.00		13.50		20.00		14.00		19.50		20.50			
	802.11a-VHT160 MCS0	159	5795	16.00		13.50		20.00		14.00		19.50		20.50			92.46
		155	5775	16.00		13.50		20.00		14.00		19.50		20.50			
		149	5745	16.00		13.50		20.00		14.00		19.50		21.00			

BT 2.0			
Ant 7 Full power			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	18.69
Tune-up Limit			19.5

BT 2.0			
Ant 7 For open Body-worn Standalone close Body-worn Extremity Standalone			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	12.15
Tune-up Limit			13.5

BT 2.0			
Ant 7 For Head Standalone			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	8.38
Tune-up Limit			9.5

BT 2.0			
For Ant 7 Head Simultaneous open Body-worn Simultaneous open&close Hotspot Extremity Simultaneous			
Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	7.41
Tune-up Limit			8.5

WIFI 6E				Ant 7		Ant 5		Ant 5+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WIFI 6E	802.11ax-HE80 MCS0	7	5985	8.46	10.00	8.81	10.50	11.58	13.50	86.93
		71	6305	10.70	12.50	9.77	11.50	13.30	15.00	
		119	6545	9.79	11.50	10.66	12.50	13.29	15.00	
		167	6785	9.91	11.50	10.61	12.50	13.27	15.00	
		215	7025	10.60	12.00	9.66	11.00	13.08	14.50	