

Full & Default Power Mode

Band	WCDMA V Arri 4			Tune-up Limit (dBm)	WCDMA V Ch. Delta P.O.S
	4132	4132	4233		
TX Channel	4357	4407	4458		
Rx Channel	826.4	836.4	846.6		
SCPP Arri no	RNC 12 29cops	23.40	23.42	24.50	0.09

Band 5 Ant 4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				20	20.5	21		
10	QPSK	1	0	22.67	22.70	22.84	24	0

Band 26 for FCC 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				26765	26865	26965		
Frequency (MHz)				824.5	833.5	841.5		
15	QPSK	1	0	22.68	22.76	22.72	24	0

Full & Default Power Mode								
Band 42 FCC Part27Q 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	42990	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.06	23.10	23.02	24.5	0
20	QPSK	1	49	23.00	22.89	22.84		
20	QPSK	1	99	23.01	23.03	22.84		
20	QPSK	50	0	22.08	22.17	21.93	23.5	1
20	QPSK	50	24	21.99	22.14	21.97		
20	QPSK	50	50	21.88	22.11	22.08		
20	QPSK	100	0	22.08	22.10	21.88	23.5	1
20	16QAM	1	0	22.14	22.21	21.94		
20	16QAM	1	49	21.77	22.04	21.88		
20	16QAM	1	99	21.98	22.08	21.92	22.5	2
20	16QAM	50	0	21.01	21.04	21.04		
20	16QAM	50	24	20.95	21.22	21.07		
20	16QAM	50	50	21.17	21.12	20.93	22.5	2
20	16QAM	100	0	20.88	21.02	20.98		
20	64QAM	1	0	20.91	21.17	20.96		
20	64QAM	1	49	21.07	21.09	21.08	22.5	2
20	64QAM	1	99	21.08	21.01	20.94		
20	64QAM	50	0	20.08	20.08	20.02		
20	64QAM	50	24	19.82	20.01	20.08	21.5	3
20	64QAM	50	50	19.96	20.14	20.05		
20	64QAM	100	0	19.95	20.19	20.18		
Channel				42165	42990	43015		
Frequency (MHz)				347.5	3500	3542.5		
15	QPSK	1	0	23.02	23.09	22.99	24.5	0
15	QPSK	1	37	22.99	22.70	22.69		
15	QPSK	1	74	22.85	22.84	22.72		
15	QPSK	36	0	21.97	22.17	21.74	23.5	1
15	QPSK	36	20	21.88	22.01	21.85		
15	QPSK	36	39	21.91	21.95	21.88		
15	QPSK	75	0	22.05	21.94	21.93	23.5	1
15	16QAM	1	0	21.98	22.14	21.84		
15	16QAM	1	37	21.66	21.86	21.80		
15	16QAM	1	74	21.96	22.08	21.84	22.5	2
15	16QAM	36	0	20.93	21.00	21.04		
15	16QAM	36	20	20.89	21.14	20.92		
15	16QAM	36	39	21.05	21.12	20.93	22.5	2
15	16QAM	75	0	20.71	21.03	20.79		
15	64QAM	1	0	20.71	21.09	20.85		
15	64QAM	1	37	20.82	21.11	21.00	22.5	2
15	64QAM	1	74	21.00	21.02	20.83		
15	64QAM	36	0	19.96	19.96	19.95		
15	64QAM	36	20	19.85	19.91	19.96	21.5	3
15	64QAM	36	39	19.91	20.06	19.96		
15	64QAM	75	0	19.94	20.17	20.13		
Channel				42140	42990	43040		
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	22.02	22.92	22.91	24.5	0
10	QPSK	1	25	22.88	22.71	22.73		
10	QPSK	1	49	22.92	22.88	22.68		
10	QPSK	25	0	22.07	21.98	21.87	23.5	1
10	QPSK	25	12	21.89	22.06	21.78		
10	QPSK	25	25	21.92	22.12	21.93		
10	QPSK	50	0	22.04	22.10	21.90	23.5	1
10	16QAM	1	0	22.05	22.10	21.94		
10	16QAM	1	25	21.63	21.95	21.76		
10	16QAM	1	49	21.93	22.05	21.79	22.5	2
10	16QAM	25	0	20.93	20.88	20.82		
10	16QAM	25	12	20.82	21.99	20.98		
10	16QAM	25	25	20.97	21.00	20.82	22.5	2
10	16QAM	50	0	20.76	20.85	20.80		
10	64QAM	1	0	20.82	21.17	20.89		
10	64QAM	1	25	20.95	20.91	21.00	22.5	2
10	64QAM	1	49	21.06	20.94	20.93		
10	64QAM	25	0	19.97	19.91	20.04		
10	64QAM	25	12	19.94	19.79	20.07	21.5	3
10	64QAM	25	25	19.85	20.15	20.06		
10	64QAM	50	0	19.75	20.08	20.01		
Channel				42115	42990	43065		
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.03	22.97	23.01	24.5	0
5	QPSK	1	12	22.78	22.79	22.77		
5	QPSK	1	24	22.96	22.92	22.64		
5	QPSK	12	0	22.03	22.14	21.91	23.5	1
5	QPSK	12	7	21.78	21.96	21.99		
5	QPSK	12	13	21.78	21.94	21.90		
5	QPSK	25	0	22.03	21.98	21.83	23.5	1
5	16QAM	1	0	21.96	22.08	21.77		
5	16QAM	1	12	21.69	21.83	21.86		
5	16QAM	1	24	21.80	22.00	21.93	22.5	2
5	16QAM	12	0	20.94	20.99	21.04		
5	16QAM	12	7	20.74	21.22	20.93		
5	16QAM	12	13	21.10	20.92	20.82	22.5	2
5	16QAM	25	0	20.82	21.02	20.96		
5	64QAM	1	0	20.93	21.08	20.88		
5	64QAM	1	12	20.93	20.88	20.92	22.5	2
5	64QAM	1	24	20.98	20.80	20.97		
5	64QAM	12	0	19.96	20.07	20.02		
5	64QAM	12	7	19.83	19.97	20.07	21.5	3
5	64QAM	12	13	19.77	20.06	19.83		
5	64QAM	25	0	19.84	20.20	20.11		

Band 41 Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low 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	22.81	22.97	23.11	23.01	23.03		24.5	0
20	QPSK	1	49	22.89	23.04	22.94	23.07	22.90			
20	QPSK	1	99	22.84	22.91	22.85	22.78	22.76			
20	QPSK	50	0	21.87	21.99	22.15	22.03	21.99			
20	QPSK	50	24	21.86	21.91	21.88	21.82	22.01		23.5	1
20	QPSK	50	50	22.11	22.00	21.96	22.14	22.05			
20	QPSK	100	0	21.88	21.95	21.99	21.94	21.96			
20	16QAM	1	0	22.10	22.02	21.99	22.12	22.03		23.5	1
20	16QAM	1	49	21.99	22.06	21.96	22.00	22.11			
20	16QAM	1	99	21.94	21.92	21.97	22.04	22.03			
20	16QAM	50	0	21.01	21.09	20.87	21.04	21.01			
20	16QAM	50	24	20.71	21.02	20.80	20.94	20.85		22.5	2
20	16QAM	50	50	21.09	20.74	21.09	20.83	20.72			
20	16QAM	100	0	20.76	20.93	20.78	20.76	20.85			
20	64QAM	1	0	20.84	20.93	20.84	21.04	20.85			
20	64QAM	1	49	20.86	20.87	20.86	20.94	20.85		22.5	2
20	64QAM	1	99	20.85	20.82	20.84	20.90	20.89			
20	64QAM	50	0	19.87	19.91	19.73	20.02	20.01			
20	64QAM	50	24	19.97	19.82	20.00	19.91	19.91		21.5	3
20	64QAM	50	50	19.91	19.99	19.94	20.03	20.00			
20	64QAM	100	0	20.02	20.15	20.04	20.02	20.07			
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.02	22.93	23.06	22.93	22.89		25	0
15	QPSK	1	37	22.88	22.74	22.92	22.89	22.70			
15	QPSK	1	74	22.76	22.69	22.89	22.75	22.70			
15	QPSK	36	0	21.96	21.90	22.01	21.99	21.98			
15	QPSK	36	20	21.87	21.84	21.84	21.85	21.97		23.5	1
15	QPSK	36	39	21.82	21.96	21.82	21.95	21.84			
15	QPSK	75	0	21.94	22.03	22.01	21.86	21.92			
15	16QAM	1	0	22.07	22.17	22.10	22.06	21.96		23.5	1
15	16QAM	1	37	22.11	21.99	22.10	22.12	22.18			
15	16QAM	1	74	21.96	22.10	21.94	21.97	21.93			
15	16QAM	36	0	20.99	21.08	20.96	20.95	20.91		22.5	2
15	16QAM	36	20	20.74	20.91	20.78	21.01	21.01			
15	16QAM	36	39	20.99	20.76	21.01	20.92	20.82			
15	16QAM	75	0	20.80	20.80	20.90	20.76	20.73			
15	64QAM	1	0	20.92	21.05	20.95	21.03	20.87		22.5	2
15	64QAM	1	37	20.98	20.80	20.85	20.93	20.85			
15	64QAM	1	74	20.85	21.01	20.86	20.93	20.87			
15	64QAM	36	0	19.81	19.94	19.91	19.89	19.89		21.5	3
15	64QAM	36	20	19.89	19.85	19.91	19.85	19.97			
15	64QAM	36	39	20.05	19.91	19.95	19.95	19.93			
15	64QAM	75	0	19.91	20.15	19.88	20.02	20.16			
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.04	22.94	22.94	22.94	22.91		25	0
10	QPSK	1	25	22.94	22.72	22.91	22.87	22.67			
10	QPSK	1	49	22.75	22.71	22.86	22.70	22.71			
10	QPSK	25	0	21.97	21.82	22.00	21.84	21.92			
10	QPSK	25	12	21.97	21.98	22.02	22.01	21.89		23.5	1
10	QPSK	25	25	21.97	22.08	21.91	21.96	21.86			
10	QPSK	50	0	22.13	21.81	22.13	21.95	21.98			
10	16QAM	1	0	22.01	22.05	21.95	22.00	21.99		23.5	1
10	16QAM	1	25	22.03	22.14	21.98	21.95	22.14			
10	16QAM	1	49	21.91	21.98	21.95	22.06	21.87			
10	16QAM	25	0	20.89	20.97	20.92	20.90	21.08		22.5	2
10	16QAM	25	12	20.92	20.84	20.80	20.95	20.91			
10	16QAM	25	25	21.01	20.75	21.10	20.70	20.72			
10	16QAM	50	0	20.91	20.77	20.80	20.83	20.90			
10	64QAM	1	0	20.87	20.88	21.00	20.93	20.93		22.5	2
10	64QAM	1	25	20.88	20.91	20.93	20.78	20.96			
10	64QAM	1	49	20.99	20.96	20.98	20.93	20.92			
10	64QAM	25	0	19.77	19.95	19.74	20.05	20.05		21.5	3
10	64QAM	25	12	19.96	19.93	19.95	19.95	19.78			
10	64QAM	25	25	19.82	19.93	19.99	19.91	19.88			
10	64QAM	50	0	19.89	19.99	20.05	20.04	20.03			
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2543.9	2593	2640.20	2687.5			
5	QPSK	1	0	23.07	22.96	23.09	22.94	22.91		25	0
5	QPSK	1	12	22.99	22.72	22.92	22.87	22.69			
5	QPSK	1	24	22.78	22.70	22.84	22.72	22.70			
5	QPSK	12	0	22.10	21.92	22.13	22.02	21.96			
5	QPSK	12	7	21.91	21.92	22.02	21.87	21.95		23.5	1
5	QPSK	12	13	21.92	22.05	21.93	21.94	21.84			
5	QPSK	25	0	22.11	22.02	22.01	21.82	21.99			
5	16QAM	1	0	21.97	21.95	21.94	22.10	22.04		23.5	1
5	16QAM	1	12	22.06	22.04	22.09	21.96	22.15			
5	16QAM	1	24	22.10	21.87	21.96	22.10	21.91			
5	16QAM	12	0	20.88	21.10	20.88	21.07	20.93		22.5	2
5	16QAM	12	7	20.91	20.86	20.92	21.04	20.94			
5	16QAM	12	13	20.95	20.73	21.09	20.79	20.82			
5	16QAM	25	0	20.70	20.96	20.73	20.81	20.73		22.5	2
5	64QAM	1	0	21.01	21.04	21.01	20.87	20.96			
5	64QAM	1	12	20.78	20.98	20.78	20.94	21.01		22.5	2
5	64QAM	1	24	20.96	20.99	21.01	20.82	20.94			
5	64QAM	12	0	19.82	20.05	19.90	20.07	20.09		21.5	3
5	64QAM	12	7	19.93	19.96	19.98	19.74	19.90			
5	64QAM	12	13	19.94	19.93	20.01	19.85	19.95			
5	64QAM	25	0	19.97	20.12	20.01	20.14	20.05			

Band 41 Ant 4 HPUE											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low 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	25.80	25.94	26.10	26.05	25.94		27.5	0
20	QPSK	1	49	25.88	26.06	26.01	25.99	25.94			
20	QPSK	1	99	25.87	25.98	25.94	25.77	25.73			
20	QPSK	50	0	24.86	25.00	25.16	25.00	25.00			
20	QPSK	50	24	24.88	24.93	24.97	24.87	24.97		26.5	1
20	QPSK	50	50	25.12	25.01	24.92	25.09	25.01			
20	QPSK	100	0	24.89	24.99	25.00	24.92	24.95			
20	16QAM	1	0	25.12	24.97	25.02	25.09	25.00		26.5	1
20	16QAM	1	49	25.04	25.08	24.94	24.99	25.12			
20	16QAM	1	99	24.91	24.94	25.00	25.07	24.99			
20	16QAM	50	0	24.06	24.07	23.83	24.09	23.97			
20	16QAM	50	24	23.73	23.96	23.76	23.95	23.91		25.5	2
20	16QAM	50	50	24.08	23.69	24.15	23.87	23.77			
20	16QAM	100	0	23.74	23.90	23.79	23.76	23.90			
2											

Band 41 Ant 7										
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)	MFR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.05	23.11	23.18	23.06	23.10	24.5	0

Reduced Power Mode for Sensor On

Band		WCDMA V. Airt 4			Tune-up Limit (dBm)
TX Channel		4182	4182	4233	
Rx Channel		4397	4497	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2kbps	14.83	14.98	14.98	16.00

Band 5 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	12.70	12.86	12.77	14	0

Band 26 for FCC 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	14.68	14.89	14.77	16.5	0

Band 41 Ant 7										
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	13.11	13.21	13.29	13.02	13.04	14.5	0

Band 41 Ant 4										
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	14.02	14.13	14.32	14.16	14.11	15.5	0
20	QPSK	1	49	13.97	14.20	14.17	14.14	14.21		
20	QPSK	1	99	14.04	14.10	14.19	14.29	14.12		
20	QPSK	50	0	14.02	14.01	14.24	14.01	14.07		
20	QPSK	50	24	13.99	14.07	14.15	14.18	14.13	15.5	0
20	QPSK	50	50	13.90	14.19	14.18	14.22	14.13		
20	QPSK	100	0	13.93	14.09	14.23	14.18	14.12		
20	16QAM	1	0	13.94	14.22	14.17	14.17	14.12		
20	16QAM	1	49	13.97	14.06	14.19	14.17	14.21	15.5	0
20	16QAM	1	99	13.93	14.02	14.22	14.09	14.13		
20	16QAM	50	0	13.87	14.06	14.16	14.10	14.15		
20	16QAM	50	24	13.97	14.20	14.08	14.09	14.14		
20	16QAM	50	50	14.03	14.08	14.24	14.17	14.09	15.5	0
20	16QAM	100	0	13.95	14.03	14.26	14.18	14.12		
20	64QAM	1	0	14.07	14.17	14.30	14.15	14.22		
20	64QAM	1	49	13.97	14.08	14.13	14.18	14.11		
20	64QAM	1	99	13.82	14.11	14.17	14.28	14.10	15.5	0
20	64QAM	50	0	14.01	14.10	14.26	14.18	14.15		
20	64QAM	50	24	14.02	14.16	14.24	14.23	14.18		
20	64QAM	50	50	13.96	14.13	14.26	14.11	14.24		
20	64QAM	100	0	14.01	14.11	14.18	14.17	14.11	15.5	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.25	2546.33	2593	2637.23	2692.5		
15	QPSK	1	0	13.79	13.91	14.13	13.98	13.96		
15	QPSK	1	37	13.71	13.90	14.11	14.06	14.03		
15	QPSK	1	74	13.85	13.93	14.09	14.01	13.91		
15	QPSK	36	0	13.79	13.88	14.05	14.03	13.96		
15	QPSK	36	20	13.69	13.80	14.02	13.92	13.87	15.5	0
15	QPSK	36	39	13.73	13.97	14.04	13.96	13.92		
15	QPSK	75	0	13.74	13.90	14.03	13.98	13.94		
15	16QAM	1	0	13.74	13.89	14.03	13.91	13.88		
15	16QAM	1	37	13.71	13.85	14.00	14.00	14.03	15.5	0
15	16QAM	1	74	13.74	13.83	14.09	14.01	13.94		
15	16QAM	36	0	13.83	13.81	14.00	13.92	13.94		
15	16QAM	36	20	13.83	13.99	14.11	13.90	13.89		
15	16QAM	36	39	13.70	13.88	14.03	13.98	13.90	15.5	0
15	16QAM	75	0	13.76	13.89	14.04	14.07	14.03		
15	64QAM	1	0	13.72	13.89	14.00	14.00	13.93		
15	64QAM	1	37	13.71	13.91	14.05	14.04	13.87		
15	64QAM	1	74	13.76	13.93	14.07	13.89	14.00	15.5	0
15	64QAM	36	0	13.75	13.99	14.05	14.04	13.94		
15	64QAM	36	20	13.70	13.89	14.12	13.97	14.05		
15	64QAM	36	39	13.76	14.00	14.03	14.02	13.94		
15	64QAM	75	0	13.78	13.89	14.02	13.90	13.98	15.5	0
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.84	13.89	14.11	13.93	13.95		
10	QPSK	1	25	13.68	13.82	14.11	14.00	14.06		
10	QPSK	1	49	13.88	13.96	14.15	13.91	14.00		
10	QPSK	25	0	13.77	13.94	14.02	14.06	13.99		
10	QPSK	25	12	13.71	13.89	14.01	13.89	13.83	15.5	0
10	QPSK	25	25	13.77	13.89	14.07	13.94	14.02		
10	QPSK	50	0	13.76	13.94	13.94	13.94	13.97		
10	16QAM	1	0	13.73	13.87	13.93	13.94	13.85		
10	16QAM	1	25	13.71	13.91	14.01	13.95	14.01	15.5	0
10	16QAM	1	49	13.84	13.83	14.03	13.91	13.95		
10	16QAM	25	0	13.79	13.91	14.03	14.00	14.02		
10	16QAM	25	12	13.76	13.92	14.11	13.94	13.92		
10	16QAM	25	25	13.69	13.92	13.96	13.89	13.94	15.5	0
10	16QAM	50	0	13.73	13.93	14.02	14.02	13.98		
10	64QAM	1	0	13.73	13.87	14.07	14.03	13.93		
10	64QAM	1	25	13.69	13.92	14.01	13.99	13.95		
10	64QAM	1	49	13.80	14.02	14.04	13.90	13.98	15.5	0
10	64QAM	25	0	13.67	13.95	14.13	14.00	13.85		
10	64QAM	25	12	13.70	13.94	14.10	13.91	13.88		
10	64QAM	25	25	13.74	13.97	13.99	13.98	13.99		
10	64QAM	50	0	13.71	13.84	14.04	13.93	13.91	15.5	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.78	13.93	14.06	13.96	13.97		
5	QPSK	1	12	13.74	13.85	14.08	14.03	14.05		
5	QPSK	1	24	13.77	13.98	14.11	13.95	14.01		
5	QPSK	12	0	13.87	13.88	14.08	14.02	13.98		
5	QPSK	12	7	13.71	13.89	13.97	13.89	13.87	15.5	0
5	QPSK	12	13	13.72	13.94	14.02	13.90	13.92		
5	QPSK	25	0	13.75	13.92	13.96	13.94	13.90		
5	16QAM	1	0	13.76	13.94	14.00	13.96	13.95		
5	16QAM	1	12	13.71	13.89	14.06	14.02	13.95	15.5	0
5	16QAM	1	24	13.77	13.90	14.09	13.92	13.93		
5	16QAM	12	0	13.86	13.86	14.04	13.95	13.98		
5	16QAM	12	7	13.79	13.88	14.06	13.99	13.94		
5	16QAM	12	13	13.69	13.97	14.02	13.89	13.93	15.5	0
5	16QAM	25	0	13.70	13.85	14.03	13.97	14.03		
5	64QAM	1	0	13.74	13.88	14.09	13.96	13.99		
5	64QAM	1	12	13.71	13.85	14.05	13.98	13.85		
5	64QAM	1	24	13.70	13.99	14.12	13.98	13.96	15.5	0
5	64QAM	12	0	13.86	13.91	14.10	14.03	13.88		
5	64QAM	12	7	13.68	13.89	14.05	13.92	13.99		
5	64QAM	12	13	13.75	13.95	14.04	13.95	13.94		
5	64QAM	25	0	13.80	13.91	14.05	13.93	13.87	15.5	0

Band 41 HPUE Ant 4										
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	15.63	15.78	16.01	15.79	15.68	17.1	0
20	QPSK	1	49	15.50	15.82	15.71	15.77	15.70		
20	QPSK	1	99	15.76	15.64	15.81	15.88	15.76		
20	QPSK	50	0	15.52	15.63	15.91	15.50	15.76		
20	QPSK	50	24	15.55	15.66	15.72	15.72	15.77	17.1	0
20	QPSK	50	50	15.38	15.68	15.88	15.72	15.73		
20	QPSK	100	0	15.61	15.58	15.89	15.88	15.76		
20	16QAM	1	0	15.65	15.88	15.76	15.76	15.65		
20	16QAM	1	49	15.59	15.74	15.84	15.78	15.91	17.1	0
20	16QAM	1	99	15.42	15.66	15.75	15.68	15.71		
20	16QAM	50	0	15.35	15.68	15.85	15.71	15.83		
20	16QAM	50	24	15.57	15.87	15.57	15.76	15.83		
20	16QAM	50	50	15.64	15.65	15.84	15.89	15.72	17.1	0
20	16QAM	100	0	15.55	15.66	15.80	15.72	15.66		
20	64QAM	1	0	15.63	15.83	15.91	15.86	15.92		
20	64QAM	1	49	15.56	15.68	15.84	15.70	15.75		
20	64QAM	1	99	15.51	15.72	15.84	15.98	15.81	17.1	0
20	64QAM	50	0	15.57	15.76	15.81	15.84	15.71		
20	64QAM	50	24	15.56	15.85	15.91	15.74	15.85		
20	64QAM	50	50	15.46	15.85	15.79	15.61	15.72		
20	64QAM	100	0	15.58	15.80	15.88	15.75	15.70	17.1	0
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.25	2546.33	2593	2637.23	2692.5		
15	QPSK	1	0	15.60	15.61	15.82	15.68	15.51		
15	QPSK	1	37	15.51	15.71	15.67	15.72	15.68		
15	QPSK	1	74	15.74	15.66	15.81	15.68	15.78		

Band 42 FCC Part27Q 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	23.06	23.10	23.02	24.5	0
20	QPSK	1	49	23.00	22.89	22.84		
20	QPSK	1	99	23.01	23.03	22.84		
20	QPSK	50	0	22.08	22.17	21.93	23.5	1
20	QPSK	50	24	21.99	22.14	21.97		
20	QPSK	50	50	21.98	22.11	22.08		
20	QPSK	100	0	22.08	22.10	21.98	23.5	1
20	16QAM	1	0	22.14	22.21	21.94		
20	16QAM	1	49	21.77	22.04	21.88		
20	16QAM	1	99	21.98	22.08	21.92	22.5	2
20	16QAM	50	0	21.01	21.04	21.04		
20	16QAM	50	24	20.95	21.22	21.07		
20	16QAM	50	50	21.17	21.12	20.93	22.5	2
20	16QAM	100	0	20.88	21.02	20.98		
20	64QAM	1	0	20.91	21.17	20.96		
20	64QAM	1	49	21.07	21.09	21.08	22.5	2
20	64QAM	1	99	21.08	21.01	20.94		
20	64QAM	50	0	20.08	20.08	20.02		
20	64QAM	50	24	19.92	20.01	20.08	21.5	3
20	64QAM	50	50	19.90	20.14	20.05		
20	64QAM	100	0	19.95	20.19	20.18		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.02	23.09	22.99	24.5	0
15	QPSK	1	37	22.99	22.70	22.69		
15	QPSK	1	74	22.85	22.84	22.72		
15	QPSK	36	0	21.97	22.17	21.74	23.5	1
15	QPSK	36	20	21.88	22.01	21.85		
15	QPSK	36	39	21.91	21.95	21.88		
15	QPSK	75	0	22.05	21.94	21.93	23.5	1
15	16QAM	1	0	21.98	22.14	21.84		
15	16QAM	1	37	21.66	21.86	21.80		
15	16QAM	1	74	21.96	22.08	21.84	22.5	2
15	16QAM	36	0	20.93	21.00	21.04		
15	16QAM	36	20	20.89	21.14	20.92		
15	16QAM	36	39	21.05	21.12	20.93	22.5	2
15	16QAM	75	0	20.71	21.03	20.79		
15	64QAM	1	0	20.71	21.99	20.85		
15	64QAM	1	37	20.92	21.11	21.00	22.5	2
15	64QAM	1	74	21.00	21.02	20.83		
15	64QAM	36	0	19.86	19.95	19.95		
15	64QAM	36	20	19.85	19.91	19.89	21.5	3
15	64QAM	36	39	19.91	20.06	19.96		
15	64QAM	75	0	19.94	20.17	20.13		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	22.92	22.92	22.91	24.5	0
10	QPSK	1	25	22.88	22.71	22.73		
10	QPSK	1	49	22.92	22.88	22.68		
10	QPSK	25	0	22.07	21.98	21.87	23.5	1
10	QPSK	25	12	21.89	22.06	21.78		
10	QPSK	25	25	21.82	22.12	21.93		
10	QPSK	50	0	22.04	22.10	21.90	23.5	1
10	16QAM	1	0	22.05	22.10	21.94		
10	16QAM	1	25	21.83	21.98	21.76		
10	16QAM	1	49	21.93	22.05	21.79	22.5	2
10	16QAM	25	0	20.93	20.88	20.82		
10	16QAM	25	12	20.82	21.09	20.98		
10	16QAM	25	25	20.97	21.00	20.82	22.5	2
10	16QAM	50	0	20.76	20.85	20.80		
10	64QAM	1	0	20.82	21.17	20.89		
10	64QAM	1	25	20.95	20.91	21.00	22.5	2
10	64QAM	1	49	21.08	20.94	20.93		
10	64QAM	25	0	19.97	19.91	20.04		
10	64QAM	25	12	19.94	19.79	20.07	21.5	3
10	64QAM	25	25	19.85	20.15	20.06		
10	64QAM	50	0	19.75	20.08	20.01		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.5	3500	3547.5		
5	QPSK	1	0	23.03	22.97	23.01	24.5	0
5	QPSK	1	12	22.78	22.79	22.77		
5	QPSK	1	24	22.96	22.92	22.64		
5	QPSK	12	0	22.03	22.14	21.91	23.5	1
5	QPSK	12	7	21.78	21.98	21.99		
5	QPSK	12	13	21.79	21.94	21.90		
5	QPSK	25	0	22.03	21.98	21.83	23.5	1
5	16QAM	1	0	21.96	22.08	21.77		
5	16QAM	1	12	21.69	21.83	21.86		
5	16QAM	1	24	21.80	22.00	21.93	22.5	2
5	16QAM	12	0	20.84	20.89	21.04		
5	16QAM	12	7	20.74	21.22	20.93		
5	16QAM	12	13	21.10	20.92	20.82	22.5	2
5	16QAM	25	0	20.82	21.02	20.96		
5	64QAM	1	0	20.93	21.08	20.88		
5	64QAM	1	12	20.93	20.88	20.92	22.5	2
5	64QAM	1	24	20.98	20.80	20.87		
5	64QAM	12	0	19.86	20.07	20.02		
5	64QAM	12	7	19.83	19.97	20.07	21.5	3
5	64QAM	12	13	19.77	20.06	19.83		
5	64QAM	25	0	19.84	20.20	20.11		



Full & Default Power Mode

Part27O n77 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				3750	3840	3930			
Frequency (MHz)				3750	3840	3930			
100	QPSK	1	1	22.18	22.22	22.05	23.5	0.0	
100	QPSK	135	69	22.08	22.18	22.15	23.5	0.0	

Part27O n77 PC2 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				3750	3840	3930			
Frequency (MHz)				3750	3840	3930			
100	QPSK	1	1	25.15	25.20	25.10	26.5	0.0	
100	QPSK	135	69	24.93	25.12	25.11	26.5	0.0	

Part27Q n77 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				3900.01						
Frequency (MHz)				3900.01						
100	QPSK	1	1		22.19		23.5	0.0		
100	QPSK	135	69		22.12		23.5	0.0		

Part27Q n77 PC2 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				3500.01				
Frequency (MHz)				5333.34				
100	QPSK	1	1		24.83		26.5	0.0
100	QPSK	135	69		24.64		26.5	0.0

Part27O n78 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				3750				
Frequency (MHz)				650000				
100	QPSK	1	1		21.96		23.5	0.0
100	QPSK	135	69		21.96		23.5	0.0

Part27O n78 PC2 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				3750				
Frequency (MHz)				650000				
100	QPSK	1	1		24.90		26.5	0.0
100	QPSK	135	69		24.79		26.5	0.0

Part27Q n78 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				3499.98				
Frequency (MHz)				6333.92				
100	QPSK	1	1		22.11		23.5	0.0
100	QPSK	135	69		22.02		23.5	0.0

Part27Q n78 PC2 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				3499.98				
Frequency (MHz)				6333.92				
100	QPSK	1	1		24.73		26.5	0.0
100	QPSK	135	69		24.51		26.5	0.0

Part27O n77 Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				620000	650000	680000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	21.28	21.44	21.33	23.0	0.0
100	QPSK	135	69	21.30	21.38	21.27	23.0	0.0

Part27O n77 PC2 Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				620000	650000	680000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	24.26	24.43	24.35	26.0	0.0
100	DPSK	135	69	24.32	24.39	24.35	26.0	0.0

Part27Q n77 Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				620000	650000	680000		
Frequency (MHz)				3500.01				
100	QPSK	1	1		22.03		23.0	0.0
100	QPSK	135	69		22.01		23.0	0.0

Part27Q n77 PC2 Ant 7								
Band	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				3500.01				
Frequency (MHz)				93334				
100	QPSK	1	1		25.05		26.0	0.0
100	QPSK	155	69		25.01		26.0	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				3750	3840	3930			
Frequency (MHz)									
100	PI/2 BPSK	1	1	18.06	18.28	18.94	20.0	0.0	
100	PI/2 BPSK	1	137	18.04	18.25	18.13			
100	PI/2 BPSK	1	271	18.23	18.40	18.38			
100	PI/2 BPSK	135	0	18.32	18.37	18.20	20.0	0.0	
100	PI/2 BPSK	135	69	18.21	18.34	18.16	20.0	0.0	
100	PI/2 BPSK	135	138	18.37	18.40	18.17			
100	PI/2 BPSK	270	0	18.18	18.40	18.38	20.0	0.0	
100	QPSK	1	1	18.21	18.70	18.52			
100	QPSK	1	137	18.02	18.25	18.17	20.0	0.0	
100	QPSK	1	271	18.38	18.45	18.35			
100	QPSK	135	0	18.38	18.48	18.45	20.0	0.0	
100	QPSK	135	69	18.49	18.52	18.46	20.0	0.0	
100	QPSK	135	138	18.23	18.41	18.15			
100	QPSK	270	0	18.43	18.49	18.42	20.0	0.0	
100	16QAM	1	1	18.08	18.06	18.03	20.0	0.0	
100	16QAM	1	1	18.01	18.07	18.02	20.0	0.0	
100	256QAM	1	1	17.11	17.22	17.16	18.5	1.5	
Channel				645000	650000	654000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.22	18.27	18.15	20.0	0.0	

Part270 n77 PC2 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				3750	3840	3930			
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.03	21.24	21.06			
100	PI/2 BPSK	1	137	21.21	21.26	21.13			
100	PI/2 BPSK	1	271	21.39	21.41	21.21	23.0	0.0	
100	PI/2 BPSK	135	0	20.85	20.85	20.69	22.5	0.5	
100	PI/2 BPSK	135	69	21.13	21.34	21.13	23.0	0.0	
100	PI/2 BPSK	135	138	20.85	20.91	20.75			
100	PI/2 BPSK	270	0	20.88	20.91	20.81	22.5	0.5	
100	QPSK	1	1	21.39	21.53	21.41			
100	QPSK	1	137	21.01	21.24	21.02	23.0	0.0	
100	QPSK	1	271	21.24	21.24	21.21			
100	QPSK	135	0	20.39	20.45	20.40	22.0	1.0	
100	QPSK	135	69	21.42	21.45	21.42	23.0	0.0	
100	QPSK	135	138	20.37	20.41	20.35			
100	QPSK	270	0	20.47	20.49	20.44	22.0	1.0	
100	16QAM	1	1	20.04	20.11	20.03	22.0	1.0	
100	64QAM	1	1	18.56	18.59	18.55	20.5	2.5	
100	256QAM	1	1	17.17	17.22	17.07	18.5	1.5	
Channel				645000	650000	654000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.01	21.18	21.09	23.0	0.0	

Part27Q 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				3500.01					
Frequency (MHz)									
100	PI/2 BPSK	1	1		18.28				
100	PI/2 BPSK	1	137		18.54				
100	PI/2 BPSK	1	271		18.69		20.0	0.0	
100	PI/2 BPSK	135	0		18.48		20.0	0.0	
100	PI/2 BPSK	135	69		18.85		20.0	0.0	
100	PI/2 BPSK	135	138		18.75				
100	PI/2 BPSK	270	0		18.85		20.0	0.0	
100	QPSK	1	1		18.96				
100	QPSK	1	137		18.56		20.0	0.0	
100	QPSK	1	271		18.67				
100	QPSK	135	0		18.49		20.0	0.0	
100	QPSK	135	69		18.74		20.0	0.0	
100	QPSK	135	138		18.70				
100	QPSK	270	0		18.64		20.0	0.0	
100	16QAM	1	1		18.12		20.0	0.0	
100	64QAM	1	1		18.04		20.0	0.0	
100	256QAM	1	1		17.15		18.5	1.5	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.59	18.53	18.66	20.0	0.0	

Part27Q n77 PC2 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				3500.01				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1		21.69			
100	Pi/2 BPSK	1	137		21.83		23.0	0.0
100	Pi/2 BPSK	1	274		21.81			
100	Pi/2 BPSK	135	0		21.34		22.5	0.5
100	Pi/2 BPSK	135	69		21.73		23.0	0.0
100	Pi/2 BPSK	135	138		21.29			
100	Pi/2 BPSK	270	0		21.24		22.5	0.5
100	QPSK	1	1		21.95			
100	QPSK	1	137		21.72		23.0	0.0
100	QPSK	1	274		21.83			
100	QPSK	135	0		20.74		22.0	1.0
100	QPSK	135	69		21.82		23.0	0.0
100	QPSK	135	138		20.85			
100	QPSK	270	0		20.81		22.0	1.0
100	16QAM	1	1		20.25		22.0	1.0
100	64QAM	1	1		18.56		20.5	2.5
100	256QAM	1	1		17.15		18.5	4.5
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.44	21.61	21.49	23.0	0.0



Part270 n77 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				3750	3840	3930			
Frequency (MHz)				629050	635050	641050			
100	PI2 BPSK	1	1	17.25	17.40	17.31			
100	PI2 BPSK	1	137	17.16	17.18	17.12	19.0	0.0	
100	PI2 BPSK	1	271	17.15	17.27	17.13	19.0	0.0	
100	PI2 BPSK	135	0	17.28	17.33	17.18	19.0	0.0	
100	PI2 BPSK	135	69	17.17	17.24	17.11	19.0	0.0	
100	PI2 BPSK	135	138	17.24	17.27	17.18	19.0	0.0	
100	PI2 BPSK	270	0	17.26	17.28	17.14			
100	QPSK	1	1	17.70	17.89	17.81			
100	QPSK	1	137	17.02	17.14	17.04	19.0	0.0	
100	QPSK	1	271	17.23	17.29	17.26			
100	QPSK	135	0	17.31	17.23	17.29	19.0	0.0	
100	QPSK	135	69	17.41	17.52	17.40	19.0	0.0	
100	QPSK	135	138	17.33	17.35	17.30	19.0	0.0	
100	QPSK	270	0	17.30	17.40	17.36			
100	16QAM	1	1	17.08	17.14	17.10	19.0	0.0	
100	16QAM	1	1	17.05	17.12	17.05	19.0	0.0	
100	256QAM	1	1	16.10	16.23	16.21	17.5	1.5	
Channel				648000	654000	660000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.66	17.75	17.68	19.0	0.0	

Part270 n77 PC2 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				3750	3840	3930			
Frequency (MHz)				629050	635050	641050			
100	PI2 BPSK	1	1	20.21	20.27	20.17			
100	PI2 BPSK	1	137	20.06	20.12	20.04	22.0	0.0	
100	PI2 BPSK	1	271	20.19	20.22	20.19	21.5	0.5	
100	PI2 BPSK	135	0	19.71	19.80	19.67	21.5	0.5	
100	PI2 BPSK	135	69	20.19	20.29	20.18	22.0	0.0	
100	PI2 BPSK	135	138	19.71	19.80	19.72	21.5	0.5	
100	PI2 BPSK	270	0	19.89	19.81	19.78			
100	QPSK	1	1	20.05	20.03	20.05			
100	QPSK	1	137	20.08	20.10	20.09	22.0	0.0	
100	QPSK	1	271	20.09	20.20	20.06			
100	QPSK	135	0	19.41	19.52	19.48	21.0	1.0	
100	QPSK	135	69	20.39	20.51	20.41	22.0	0.0	
100	QPSK	135	138	19.31	19.41	19.38	21.0	1.0	
100	QPSK	270	0	19.36	19.41	19.36			
100	16QAM	1	1	19.08	19.10	19.02	21.0	1.0	
100	16QAM	1	1	17.57	17.61	17.56	19.5	2.5	
100	256QAM	1	1	16.26	16.28	16.26	17.5	4.5	
Channel				648000	654000	660000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.63	20.66	20.61	22.0	0.0	

Part27Q n77 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				3500.01					
Frequency (MHz)				633334					
100	PI2 BPSK	1	1						
100	PI2 BPSK	1	137				17.09		
100	PI2 BPSK	1	271				17.67		
100	PI2 BPSK	135	0				18.01	19.0	0.0
100	PI2 BPSK	135	69				17.40	19.0	0.0
100	PI2 BPSK	135	138				17.70	19.0	0.0
100	PI2 BPSK	270	0				17.90	19.0	0.0
100	QPSK	1	1				17.88		
100	QPSK	1	1				18.05		
100	QPSK	1	137				17.69	19.0	0.0
100	QPSK	1	271				18.02		
100	QPSK	135	0				17.40	19.0	0.0
100	QPSK	135	69				17.90	19.0	0.0
100	QPSK	135	138				17.83	19.0	0.0
100	QPSK	270	0				17.69	19.0	0.0
100	16QAM	1	1				18.84	18.0	1.0
100	16QAM	1	1				16.87	18.0	1.0
100	256QAM	1	1				16.87	17.5	1.5
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.98	17.89	17.77	19.0	0.0	

Part27Q n77 PC2 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				635334				
Frequency (MHz)				3500.01				
100	Pi/2 BPSK	1	1		20.11			
100	Pi/2 BPSK	1	137		20.64		22.0	0.0
100	Pi/2 BPSK	1	271		21.00		21.5	0.5
100	Pi/2 BPSK	135	0		19.93			
100	Pi/2 BPSK	135	69		20.80		22.0	0.0
100	Pi/2 BPSK	135	138		20.48		21.5	0.5
100	Pi/2 BPSK	270	0		20.34			
100	QPSK	1	1		21.07			
100	QPSK	1	137		20.64		22.0	0.0
100	QPSK	1	271		21.00			
100	QPSK	135	0		19.45		21.0	1.0
100	QPSK	135	69		20.80		22.0	0.0
100	QPSK	135	138		20.02		21.0	1.0
100	QPSK	270	0		19.75			
100	16QAM	1	1		18.94		20.0	2.0
100	64QAM	1	1		17.61		19.5	2.5
100	256QAM	1	1		16.12		17.5	4.5
Channel				631834	635334	638334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.88	20.80	20.81	22.0	0.0

Reduced Power Mode for Sensor On

Part270 n77 PC3&PC2 Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.59	10.88	10.65	12.0	0.0
100	PI/2 BPSK	1	137	10.52	10.79	10.49		
100	PI/2 BPSK	1	271	10.46	10.82	10.50		
100	PI/2 BPSK	135	0	10.46	10.79	10.55	12.0	0.0
100	PI/2 BPSK	135	69	10.54	10.75	10.49	12.0	0.0
100	PI/2 BPSK	135	138	10.58	10.70	10.62	12.0	0.0
100	PI/2 BPSK	270	0	10.55	10.69	10.55		
100	QPSK	1	1	10.65	10.89	10.66		
100	QPSK	1	137	10.65	10.86	10.46	12.0	0.0
100	QPSK	1	271	10.47	10.79	10.47		
100	QPSK	135	0	10.64	10.71	10.52	12.0	0.0
100	QPSK	135	69	10.54	10.68	10.48	12.0	0.0
100	QPSK	135	138	10.65	10.86	10.53	12.0	0.0
100	QPSK	270	0	10.51	10.79	10.49		
100	16QAM	1	1	10.62	10.76	10.66		
100	64QAM	1	1	10.65	10.71	10.64	12.0	0.0
100	256QAM	1	1	10.66	10.78	10.60	12.0	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	10.67	10.76	10.66	12.0	0.0

Part27Q n77 PC3&PC2 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				633334			12.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		10.90		12.0	0.0
100	PI/2 BPSK	1	137		10.88			
100	PI/2 BPSK	1	271		10.99			
100	PI/2 BPSK	135	0		10.93		12.0	0.0
100	PI/2 BPSK	135	69		11.01		12.0	0.0
100	PI/2 BPSK	135	138		10.94		12.0	0.0
100	PI/2 BPSK	270	0		10.94			
100	QPSK	1	1		11.07		12.0	0.0
100	QPSK	1	137		11.04			
100	QPSK	1	271		10.98			
100	QPSK	135	0		10.89		12.0	0.0
100	QPSK	135	69		11.00		12.0	0.0
100	QPSK	135	138		10.95		12.0	0.0
100	QPSK	270	0		11.03			
100	16QAM	1	1		10.99		12.0	0.0
100	64QAM	1	1		10.96		12.0	0.0
100	256QAM	1	1		11.03		12.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.97	11.02	10.89	12.0	0.0

Part27O n77 PC3&PC2 Ant 7								
BW [MHz]	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	QPSK	1	1	9.43	9.58	9.44	11.0	0.0
100	QPSK	135	69	9.41	9.52	9.42	11.0	0.0

Part27Q n77 PC3&PC2 Ant 7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	QPSK	1	1		10.05		11.0	0.0
100	QPSK	135	69		10.01		11.0	0.0

Reduced Power Mode for Sensor off

Part27O n77 PC3&PC2 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				390000	450000	490000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	16.15	16.25	16.05	17.5	0.0
100	QPSK	135	69	16.00	16.19	16.05	17.5	0.0

Part27Q n77 PC3&PC2 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				433354				
Frequency (MHz)				3900.01				
100	QPSK	1	1		16.20		17.5	0.0
100	QPSK	135	69		16.11		17.5	0.0

Part27O n78 PC3&PC2 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				450000				
Frequency (MHz)				3750				
100	QPSK	1	1		15.99		17.5	0.0
100	QPSK	135	69		15.85		17.5	0.0

Part27Q n78 PC3&PC2 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				33332				
Frequency (MHz)				3499.98				
100	QPSK	1	1		16.14		17.5	0.0
100	QPSK	135	69		16.00		17.5	0.0

Part270 n77 PC2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.83	12.94	12.81	14.0	0.0
100	PI/2 BPSK	1	137	12.77	12.96	12.72		
100	PI/2 BPSK	1	271	12.73	13.02	12.82		
100	PI/2 BPSK	135	0	12.78	13.06	12.82	14.0	0.0
100	PI/2 BPSK	135	69	12.86	13.05	12.85	14.0	0.0
100	PI/2 BPSK	135	138	12.72	12.98	12.74	14.0	0.0
100	PI/2 BPSK	270	0	12.96	13.09	12.88	14.0	0.0
100	QPSK	1	1	12.94	13.11	12.88	14.0	0.0
100	QPSK	1	137	12.84	13.04	12.68		
100	QPSK	1	271	12.82	13.03	12.81		
100	QPSK	135	0	12.84	12.97	12.78	14.0	0.0
100	QPSK	135	69	12.91	13.07	12.75	14.0	0.0
100	QPSK	135	138	12.76	13.06	12.70	14.0	0.0
100	QPSK	270	0	12.75	12.99	12.74	14.0	0.0
100	16QAM	1	1	12.88	12.90	12.68	14.0	0.0
100	64QAM	1	1	12.79	13.04	12.83	14.0	0.0
100	256QAM	1	1	12.81	13.04	12.82	14.0	0.0
Channel				648000	656000	664000		
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.74	13.05	12.76	14.0	0.0

Part27Q n77 PC2 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						633334		
Frequency (MHz)						3500.01		
100	PI/2 BPSK	1	1		12.87		14.0	0.0
100	PI/2 BPSK	1	137		12.94			
100	PI/2 BPSK	1	271		12.88			
100	PI/2 BPSK	135	0		12.90		14.0	0.0
100	PI/2 BPSK	135	69		13.04		14.0	0.0
100	PI/2 BPSK	135	138		12.97		14.0	0.0
100	PI/2 BPSK	270	0		13.10		14.0	0.0
100	QPSK	1	1		13.11		14.0	0.0
100	QPSK	1	137		12.91			
100	QPSK	1	271		12.86			
100	QPSK	135	0		12.90		14.0	0.0
100	QPSK	135	69		13.06		14.0	0.0
100	QPSK	135	138		13.04		14.0	0.0
100	QPSK	270	0		12.78		14.0	0.0
100	16QAM	1	1		12.71		14.0	0.0
100	64QAM	1	1		12.86		14.0	0.0
100	256QAM	1	1		12.87		14.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.82	12.98	12.92	14.0	0.0

<2.4GHz WLAN>								
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power		Sensor on		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b-1Mbps	1	2412	17.44	19.00	9.88	11.50	100.00

<5.2GHz WLAN>								
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power		Sensor on		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11n-HT40 MCS0	46	5230	15.91	16.50	5.04	6.00	94.48

<5.3GHz WLAN>								
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power		Sensor on		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11n-HT40 MCS0	54	5270	15.95	16.50	5.11	6.00	94.48

<5.5GHz WLAN>								
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power		Sensor on		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11ac-VHT80 MCS0	138	5690	16.01	17.00	4.71	5.50	89.92

<5.8GHz WLAN>								
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Full Power		Sensor on		
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11ac-VHT80 MCS0	155	5775	15.50	16.00	5.50	6.50	89.92

BT BR/EDR		Ant1 Full power		
Mode	Channel	Frequency (MHz)	Average power (dBm) 1Mbps	Tune-up Limit
BR / EDR	CH 76	2480	12.33	13.50