

Full&Default Power Mode

Ant 0

GSM850 Ant 0					
Burst Average Power (dBm)	Tune-up		Frame-Average Power (dBm)		
TX Channel	128	188	251	Limit	
Frequency (MHz)	824.2	836.4	848.6	859.8	872.0
QPSK 3 Tx slots	27.21	27.22	27.06	26.90	24.21
					24.22
					24.06
					25.50
WCDMA V Ant 0					
Band	Tune-up		Limit		
TX Channel	4192	4192	4233	Limit	
Rx Channel	4357	4407	4458	Limit	
Frequency (MHz)	826.4	836.4	846.4	856.4	866.4
SCPP Ref 9a	RMC 12.26bps	22.51	22.53	22.38	24.90

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								
Frequency (MHz)								
10	QPSK	1	0	22.33	22.43	22.31	24	0
10	QPSK	25	0	21.35	21.38	21.28	23	1
10	QPSK	50	0	21.38	21.41	21.32	23	1

Band 2 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.69	22.70	22.61	24	0
20	QPSK	50	0	21.85	21.87	21.72	23	1
20	QPSK	100	0	21.78	21.84	21.63	23	1

Band 2 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.30	22.32	22.23	24	0
20	QPSK	50	0	21.61	21.74	21.58	23	1
20	QPSK	100	0	21.63	21.71	21.52	23	1

Band 26 for FCC Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.30	22.48	22.45	24	0
15	QPSK	36	0	21.39	21.57	21.45	23	1
15	QPSK	75	0	21.37	21.47	21.38	23	1

Band 42 FCC Part27Q Ant5

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.82	22.92	22.70	24	0
20	QPSK	50	0	21.78	21.82	21.70	23	1
20	QPSK	100	0	21.78	21.80	21.67	23	1

Ant 1

GSM1900 Ant1					
Burst Average Power (dBm)	Tune-up		Frame-Average Power (dBm)		
TX Channel	512	661	810	Limit	
Frequency (MHz)	1850.2	1862.2	1874.2	1886.2	1898.2
QPSK 3 Tx slots	25.26	25.33	25.26	26.50	21.02
					21.07
					21.00
					22.24
WCDMA II Ant1					
Band	Tune-up		Limit		
TX Channel	9262	9400	9578	Limit	
Rx Channel	9602	9800	9998	Limit	
Frequency (MHz)	1852.4	1860	1867.6	1875.2	1882.8
SCPP Ref 9a	RMC 12.26bps	22.57	22.65	22.59	24.90

Band 26 for FCC Ant0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.53	22.54	22.45	24	0
15	QPSK	36	0	21.48	21.53	21.48	23	1
15	QPSK	75	0	21.56	21.61	21.36	23	1

Band 7 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.68	22.72	22.70	24	0
20	QPSK	50	0	21.73	21.89	21.89	23	1
20	QPSK	100	0	21.71	21.82	21.52	23	1

Band 5 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.35	22.45	22.41	24	0
10	QPSK	25	0	21.41	21.49	21.35	23	1
10	QPSK	50	0	21.37	21.43	21.26	23	1

Band 38 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.68	22.89	22.80	24	0
20	QPSK	50	0	21.76	21.95	21.80	23	1
20	QPSK	100	0	21.62	21.82	21.73	23	1

Band 38 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.90	22.93	22.73	24	0
20	QPSK	50	0	21.89	21.97	21.70	23	1
20	QPSK	100	0	21.82	21.85	21.68	23	1

Band 7 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.57	22.67	22.53	24	0
20	QPSK	50	0	21.50	21.67	21.56	23	1
20	QPSK	100	0	21.46	21.50	21.48	23	1

Band 71									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up (kHz)	MPR (dB)	
Channel				133222	133322	133322	Tune-up (kHz)	MPR (dB)	
Frequency (MHz)				673	683	688			
20	QPSK	1	0	22.63	22.82	22.66	24	0	
20	QPSK	1	49	22.70	22.69	22.57			
20	QPSK	1	99	22.59	22.63	22.65			
20	QPSK	50	0	21.81	21.87	21.68			
20	QPSK	50	24	21.76	21.80	21.79	23	1	
20	QPSK	50	50	21.75	21.77	21.78			
20	QPSK	100	0	21.70	21.79	21.65			
20	16QAM	1	0	21.87	22.12	22.05			
20	16QAM	1	49	22.09	22.15	22.11	23	1	
20	16QAM	1	99	21.99	22.02	22.21			
20	16QAM	50	0	20.06	20.85	20.77			
20	16QAM	50	24	20.56	20.79	20.74			
20	16QAM	50	50	20.65	20.71	20.77	22	2	
20	16QAM	100	0	20.89	20.82	20.84			
20	64QAM	1	0	20.53	20.71	20.66			
20	64QAM	1	49	20.76	20.88	20.55			
20	64QAM	1	99	20.53	20.72	20.93	21	3	
20	64QAM	50	0	19.70	19.75	19.76			
20	64QAM	50	24	19.61	19.90	19.87			
20	64QAM	50	50	19.74	19.67	19.65			
20	256QAM	1	0	17.72	17.84	17.88	19	5	
20	256QAM	1	49	17.65	17.74	17.56			
20	256QAM	1	99	17.86	17.73	17.91			
20	256QAM	50	0	17.68	17.81	17.84			
20	256QAM	50	24	17.81	17.69	17.72	19	5	
20	256QAM	50	50	17.71	17.86	17.69			
20	256QAM	100	0	17.88	17.70	17.90			
Channel				133197	133297	133397	Tune-up (kHz)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	22.48	22.73	22.52	24	0	
15	QPSK	1	37	22.35	22.62	22.49			
15	QPSK	1	74	22.32	22.54	22.60			
15	QPSK	36	0	21.65	21.82	21.60			
15	QPSK	36	20	21.64	21.67	21.74	23	1	
15	QPSK	36	39	21.65	21.70	21.71			
15	QPSK	75	0	21.62	21.63	21.50			
15	16QAM	1	0	21.86	22.04	21.98			
15	16QAM	1	37	21.97	22.04	21.99	23	1	
15	16QAM	1	74	21.95	21.88	22.08			
15	16QAM	36	0	20.60	20.77	20.89			
15	16QAM	36	20	20.48	20.72	20.69			
15	16QAM	36	39	20.49	20.59	20.73	22	2	
15	16QAM	75	0	20.73	20.76	20.76			
15	64QAM	1	0	20.45	20.62	20.55			
15	64QAM	1	37	20.69	20.78	20.44			
15	64QAM	1	74	20.46	20.65	20.79	21	3	
15	64QAM	36	0	19.81	19.64	19.69			
15	64QAM	36	20	19.47	19.78	19.75			
15	64QAM	36	39	19.63	19.52	19.73			
15	256QAM	1	0	17.62	17.78	17.75	19	5	
15	256QAM	1	37	17.60	17.64	17.39			
15	256QAM	1	74	17.60	17.60	17.67			
15	256QAM	36	0	17.55	17.76	17.51			
15	256QAM	36	20	17.67	17.60	17.58	19	5	
15	256QAM	36	39	17.59	17.81	17.61			
15	256QAM	75	0	17.76	17.59	17.77			
Channel				133172	133272	133372	Tune-up (kHz)	MPR (dB)	
Frequency (MHz)				688	678	682			
10	QPSK	1	0	22.53	22.71	22.81	24	0	
10	QPSK	1	25	22.58	22.57	22.52			
10	QPSK	1	49	22.48	22.53	22.52			
10	QPSK	25	0	21.75	21.82	21.62			
10	QPSK	25	12	21.69	21.66	21.74	23	1	
10	QPSK	25	25	21.81	21.68	21.66			
10	QPSK	50	0	21.59	21.67	21.61			
10	16QAM	1	0	21.83	22.01	21.92			
10	16QAM	1	25	22.03	22.02	22.06	23	1	
10	16QAM	1	49	21.89	21.97	22.06			
10	16QAM	25	0	20.81	20.78	20.66			
10	16QAM	25	12	20.46	20.64	20.66			
10	16QAM	25	25	20.51	20.57	20.66	22	2	
10	16QAM	50	0	20.76	20.75	20.72			
10	64QAM	1	0	20.43	20.63	20.54			
10	64QAM	1	25	20.62	20.76	20.49			
10	64QAM	1	49	20.44	20.58	20.63	21	3	
10	64QAM	25	0	19.63	19.68	19.60			
10	64QAM	25	12	19.05	19.81	19.82			
10	64QAM	25	25	19.60	19.54	19.75			
10	256QAM	1	0	19.72	19.54	19.82	19	5	
10	256QAM	1	25	17.62	17.77	17.74			
10	256QAM	1	49	17.57	17.69	17.49			
10	256QAM	1	99	17.50	17.62	17.83			
10	256QAM	25	0	17.58	17.65	17.51	19	5	
10	256QAM	25	12	17.73	17.55	17.62			
10	256QAM	25	25	17.64	17.79	17.65			
10	256QAM	50	0	17.63	17.65	17.77			
Channel				133147	133247	133447	Tune-up (kHz)	MPR (dB)	
Frequency (MHz)				695.5	675.5	695.5			
5	QPSK	1	0	22.56	22.69	22.57	24	0	
5	QPSK	1	12	22.55	22.55	22.47			
5	QPSK	1	24	22.46	22.50	22.58			
5	QPSK	12	0	21.77	21.73	21.58			
5	QPSK	12	7	21.72	21.73	21.75	23	1	
5	QPSK	12	13	21.99	21.84	21.63			
5	QPSK	25	0	21.55	21.65	21.60			
5	16QAM	1	0	21.81	22.08	21.96			
5	16QAM	1	12	22.01	22.04	22.02	23	1	
5	16QAM	1	24	21.90	21.96	22.09			
5	16QAM	12	0	20.56	20.78	20.64			
5	16QAM	12	7	20.41	20.70	20.60			
5	16QAM	12	13	20.51	20.56	20.66	22	2	
5	16QAM	25	0	20.84	20.77	20.75			
5	64QAM	1	0	20.46	20.67	20.53			
5	64QAM	1	12	20.68	20.84	20.45			
5	64QAM	1	24	20.46	20.59	20.94	21	3	
5	64QAM	12	0	19.60	19.68	19.71			
5	64QAM	12	7	19.05	19.80	19.80			
5	64QAM	12	13	19.64	19.56	19.77			
5	256QAM	1	0	17.61	17.79	17.77	19	5	
5	256QAM	1	12	17.60	17.69	17.47			
5	256QAM	1	24	17.60	17.69	17.85			
5	256QAM	12	0	17.54	17.76	17.54			
5	256QAM	12	7	17.67	17.62	17.67	19	5	
5	256QAM	12	13	17.58	17.71	17.61			
5	256QAM	25	0	17.73	17.84	17.84			

Band 41 Ant1									
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 Low Middle Ch / Freq
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.74	22.63	22.63	22.68	22.63	22.63
20	QPSK	1	49	22.78	22.47	22.47	22.48	22.48	22.48
20	QPSK	1	99	22.70	22.65	22.64	22.49	22.48	22.48
20	QPSK	50	0	21.79	21.78	21.93	21.62	21.69	21.69
20	QPSK	50	24	21.76	21.55	21.65	21.54	21.57	21.57
20	QPSK	50	50	21.62	21.64	21.67	21.59	21.58	21.58
20	QPSK	100	0	21.68	21.47	21.77	21.70	21.48	21.48
20	16QAM	1	0	21.79	21.55	21.74	21.69	21.47	21.47
20	16QAM	1	49	21.83	21.57	21.62	21.57	21.45	21.45
20	16QAM	1	99	21.76	21.64	21.66	21.36	21.33	21.33
20	16QAM	50	0	20.86	20.58	20.70	20.63	20.54	20.54
20	16QAM	50	24	20.73	20.57	20.76	20.59	20.59	20.59
20	16QAM	50	50	20.70	20.53	20.68	20.48	20.60	20.60
20	16QAM	100	0	20.56	20.56	20.71	20.61	20.54	20.54
20	64QAM	1	0	17.58	17.66	17.72	17.51	17.51	17.51
20	64QAM	1	49	20.63	20.54	20.72	20.41	20.49	20.49
20	64QAM	1	99	20.65	20.45	20.70	20.41	20.43	20.43
20	64QAM	50	0	19.68	19.76	19.82	19.65	19.64	19.64
20	64QAM	50	24	19.84	19.59	19.88	19.60	19.65	19.65
20	64QAM	50	50	19.87	19.58	19.79	19.54	19.44	19.44
20	64QAM	100	0	19.73	19.52	19.72	19.48	19.51	19.51
20	256QAM	1	0	17.86	17.59	17.64	17.65	17.57	17.57
20	256QAM	1	49	17.73	17.53	17.74	17.68	17.48	17.48
20	256QAM	1	99	17.52	17.60	17.68	17.45	17.45	17.45
20	256QAM	50	0	17.73	17.70	17.79	17.72	17.59	17.59
20	256QAM	50	24	17.91	17.46	17.63	17.63	17.55	17.55
20	256QAM	50	50	17.72	17.71	17.62	17.59	17.50	17.50
20	256QAM	100	0	17.58	17.66	17.72	17.51	17.51	17.51
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.75	22.63	22.63	22.54	22.65	22.65
15	QPSK	1	37	22.80	22.60	22.72	22.54	22.47	22.47
15	QPSK	1	74	22.84	22.72	22.86	22.56	22.47	22.47
15	QPSK	36	0	21.70	21.73	21.84	21.61	21.62	21.62
15	QPSK	36	20	21.82	21.69	21.79	21.66	21.65	21.65
15	QPSK	36	39	21.80	21.65	21.76	21.67	21.50	21.50
15	QPSK	75	0	21.69	21.47	21.62	21.59	21.49	21.49
15	16QAM	1	0	21.53	21.53	21.75	21.66	21.48	21.48
15	16QAM	1	37	21.87	21.58	21.63	21.44	21.46	21.46
15	16QAM	1	74	21.67	21.74	21.63	21.46	21.45	21.45
15	16QAM	36	0	20.92	20.50	20.62	20.58	20.49	20.49
15	16QAM	36	20	20.74	20.54	20.65	20.59	20.59	20.59
15	16QAM	36	39	20.68	20.51	20.60	20.56	20.53	20.53
15	16QAM	75	0	20.58	20.59	20.69	20.56	20.55	20.55
15	64QAM	1	0	20.78	20.36	20.73	20.35	20.44	20.44
15	64QAM	1	37	20.67	20.48	20.61	20.31	20.49	20.49
15	64QAM	1	74	20.75	20.48	20.55	20.52	20.41	20.41
15	64QAM	36	0	19.68	19.72	19.77	19.76	19.64	19.64
15	64QAM	36	20	19.65	19.58	19.66	19.73	19.61	19.61
15	64QAM	36	39	19.78	19.49	19.65	19.57	19.49	19.49
15	64QAM	75	0	19.74	19.64	19.72	19.57	19.51	19.51
15	256QAM	1	0	17.81	17.59	17.70	17.63	17.49	17.49
15	256QAM	1	37	17.69	17.45	17.85	17.55	17.49	17.49
15	256QAM	1	74	17.58	17.64	17.76	17.53	17.48	17.48
15	256QAM	36	0	17.84	17.57	17.67	17.79	17.69	17.69
15	256QAM	36	20	17.90	17.58	17.81	17.69	17.46	17.46
15	256QAM	36	39	17.63	17.76	17.48	17.67	17.43	17.43
15	256QAM	75	0	17.58	17.57	17.59	17.60	17.41	17.41
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.84	22.77	22.74	22.69	22.54	22.54
10	QPSK	1	25	22.86	22.56	22.63	22.73	22.50	22.50
10	QPSK	1	49	22.58	22.67	22.72	22.46	22.46	22.46
10	QPSK	25	0	21.68	21.65	21.91	21.55	21.58	21.58
10	QPSK	25	12	21.83	21.54	21.81	21.58	21.67	21.67
10	QPSK	25	25	21.69	21.54	21.76	21.67	21.45	21.45
10	QPSK	50	0	21.68	21.53	21.68	21.54	21.48	21.48
10	16QAM	1	0	21.82	21.51	21.75	21.70	21.36	21.36
10	16QAM	1	25	21.76	21.56	21.66	21.45	21.45	21.45
10	16QAM	1	49	21.79	21.59	21.65	21.53	21.37	21.37
10	16QAM	25	0	20.80	20.56	20.74	20.66	20.47	20.47
10	16QAM	25	12	20.65	20.62	20.81	20.52	20.62	20.62
10	16QAM	25	25	20.76	20.63	20.62	20.60	20.54	20.54
10	16QAM	50	0	20.61	20.46	20.72	20.64	20.42	20.42
10	64QAM	1	0	20.76	20.53	20.65	20.41	20.41	20.41
10	64QAM	1	49	20.72	20.57	20.66	20.49	20.29	20.29
10	64QAM	25	0	19.81	19.70	19.86	19.67	19.67	19.67
10	64QAM	25	12	19.71	19.58	19.67	19.55	19.70	19.70
10	64QAM	25	25	19.78	19.55	19.74	19.46	19.50	19.50
10	64QAM	50	0	19.69	19.55	19.77	19.45	19.48	19.48
10	256QAM	1	0	17.74	17.65	17.79	17.72	17.56	17.56
10	256QAM	1	25	17.74	17.43	17.84	17.66	17.50	17.50
10	256QAM	1	49	17.63	17.68	17.67	17.49	17.54	17.54
10	256QAM	25	0	17.69	17.72	17.81	17.63	17.61	17.61
10	256QAM	25	12	17.92	17.50	17.70	17.58	17.57	17.57
10	256QAM	25	25	17.74	17.79	17.68	17.51	17.55	17.55
10	256QAM	50	0	17.68	17.77	17.73	17.60	17.56	17.56
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.77	22.58	22.69	22.74	22.54	22.54
5	QPSK	1	12	22.84	22.47	22.63	22.56	22.45	22.45
5	QPSK	1	24	22.72	22.59	22.61	22.52	22.54	22.54
5	QPSK	12	0	21.68	21.86	21.83	21.64	21.74	21.74
5	QPSK	12	7	21.74	21.53	21.91	21.65	21.56	21.56
5	QPSK	12	19	21.73	21.57	21.69	21.61	21.51	21.51
5	QPSK	25	0	21.63	21.59	21.67	21.60	21.39	21.39
5	16QAM	1	0	21.87	21.55	21.59	21.80	21.47	21.47
5	16QAM	1	12	21.78	21.48	21.57	21.48	21.44	21.44
5	16QAM	1	24	21.71	21.66	21.59	21.67	21.46	21.46
5	16QAM	12	0	20.94	20.58	20.77	20.69	20.55	20.55
5	16QAM	12	7	20.86	20.57	20.71	20.57	20.51	20.51
5	16QAM	12	13	20.63	20.46	20.77	20.56	20.61	20.61
5	16QAM	25	0	20.54	20.58	20.73	20.58	20.51	20.51
5	64QAM	1	0	20.61	20.32	20.70	20.41	20.46	20.46
5	64QAM	1	12	20.66	20.51	20.77	20.43	20.42	20.42
5	64QAM	1	24	20.73	20.44	20.60	20.42	20.37	20.37
5	64QAM	12	0	19.61	19.73	19.69	19.76	19.54	19.54
5	64QAM	12	7	19.71	19.68	19.76	19.76	19.71	19.71
5	64QAM	12	13	19.74	19.53	19.70	19.53	19.32	19.32
5	64QAM	25	0	19.79	19.60	19.76	19.53	19.48	19.48
5	256QAM	1	0	17.85	17.59	17.69	17.64	17.52	17.52
5	256QAM	1	12	17.66	17.56	17.67	17.64	17.42	17.42
5	256QAM	1	24	17.55	17.58	17.78	17.56	17.41	17.41
5	256QAM	12	0	17.76	17.73	17.74	17.69	17.65	17.65
5	256QAM	12	7	17.80	17.48	17.64	17.75	17.45	17.45
5	256QAM	12	13	17.73	17.59	17.57	17.53	17.57	17.57
5	256QAM	25	0	17.64	17.71	17.79	17.49	17.56	17.56

Band 41 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 Low Middle Ch / Freq
Channel									
Frequency (MHz)									
20	QPSK	1	0	25.81	25.69	25.93	25.62	25.58	25.58
20	QPSK	1	49	25.81	25.53	25.73	25.63	25.47	25.47
20	QPSK	1	99	25.62	25.58	25.58	25.43	25.45	25.45
20	QPSK	50	0	24.73	24.78	24.86	24.57	24.59	24.59
20	QPSK	50	24	24.74	24.57	24.75	24.54	24.58	24.58
20	QPSK	50	50	24.68					

Band 71										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133322	133372	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				673	683	688				
20	QPSK	1	0	22.50	22.75	22.57	24	0		
20	QPSK	1	49	22.59	22.59	22.44				
20	QPSK	1	99	22.52	22.52	22.56				
20	QPSK	50	0	21.68	21.73	21.55				
20	QPSK	50	24	21.71	21.69	21.73	23	1		
20	QPSK	50	50	21.61	21.67	21.68				
20	QPSK	100	0	21.54	21.75	21.51				
20	16QAM	1	0	21.86	22.05	21.96				
20	16QAM	1	49	22.01	22.08	22.06	23	1		
20	16QAM	1	99	21.90	21.89	22.15				
20	16QAM	50	0	20.55	20.80	20.70				
20	16QAM	50	24	20.44	20.72	20.67				
20	16QAM	50	50	20.56	20.61	20.86	22	2		
20	16QAM	100	0	20.84	20.69	20.76				
20	64QAM	1	0	20.48	20.64	20.57				
20	64QAM	1	49	20.69	20.74	20.48				
20	64QAM	1	99	20.43	20.57	20.85	21	3		
20	64QAM	50	0	19.56	19.61	19.63				
20	64QAM	50	24	19.48	19.77	19.73				
20	64QAM	50	50	19.62	19.58	19.76				
20	256QAM	1	0	17.62	17.69	17.82	19	5		
20	256QAM	1	49	17.55	17.64	17.47				
20	256QAM	1	99	17.57	17.63	17.84				
20	256QAM	50	0	17.60	17.69	17.59				
20	256QAM	50	24	17.69	17.58	17.57	19	5		
20	256QAM	50	50	17.62	17.81	17.64				
20	256QAM	100	0	17.79	17.64	17.81				
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	0	22.37	22.63	22.42	24	0		
15	QPSK	1	37	22.44	22.54	22.31				
15	QPSK	1	74	22.39	22.40	22.42				
15	QPSK	36	0	21.53	21.70	21.50				
15	QPSK	36	20	21.57	21.59	21.64	23	1		
15	QPSK	36	39	21.51	21.56	21.62				
15	QPSK	75	0	21.49	21.67	21.45				
15	16QAM	1	0	21.76	21.59	21.84				
15	16QAM	1	37	21.94	22.00	21.98	23	1		
15	16QAM	1	74	21.79	21.78	22.04				
15	16QAM	36	0	20.48	20.68	20.59				
15	16QAM	36	20	20.34	20.60	20.66				
15	16QAM	36	39	20.43	20.51	20.59	22	2		
15	16QAM	75	0	20.73	20.55	20.63				
15	64QAM	1	0	20.38	20.55	20.52				
15	64QAM	1	37	20.61	20.64	20.40				
15	64QAM	1	74	20.31	20.43	20.75	21	3		
15	64QAM	36	0	19.51	19.49	19.56				
15	64QAM	36	20	19.40	19.65	19.64				
15	64QAM	36	39	19.47	19.44	19.65				
15	256QAM	1	0	17.49	17.55	17.67	19	5		
15	256QAM	1	37	17.40	17.57	17.35				
15	256QAM	1	74	17.47	17.55	17.70				
15	256QAM	36	0	17.48	17.56	17.45				
15	256QAM	36	20	17.65	17.52	17.52	19	5		
15	256QAM	36	39	17.47	17.76	17.56				
15	256QAM	75	0	17.64	17.56	17.72				
Channel				133172	133272	133372	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				688	670	692				
10	QPSK	1	0	22.37	22.69	22.47	24	0		
10	QPSK	1	25	22.48	22.46	22.29				
10	QPSK	1	49	22.47	22.40	22.42				
10	QPSK	25	0	21.59	21.66	21.41				
10	QPSK	25	12	21.65	21.59	21.66	23	1		
10	QPSK	25	25	21.46	21.59	21.56				
10	QPSK	50	0	21.41	21.68	21.38				
10	16QAM	1	0	21.71	21.97	21.80				
10	16QAM	1	25	21.62	21.94	21.96	23	1		
10	16QAM	1	49	21.85	21.80	22.07				
10	16QAM	25	0	20.40	20.70	20.66				
10	16QAM	25	12	20.37	20.63	20.60				
10	16QAM	25	25	20.48	20.48	20.51	22	2		
10	16QAM	50	0	20.72	20.62	20.73				
10	64QAM	1	0	20.44	20.51	20.44				
10	64QAM	1	25	20.59	20.68	20.44				
10	64QAM	1	49	20.32	20.47	20.70	21	3		
10	64QAM	25	0	19.47	19.50	19.54				
10	64QAM	25	12	19.43	19.68	19.61				
10	64QAM	25	25	19.55	19.49	19.64				
10	256QAM	1	0	17.51	17.59	17.76	19	5		
10	256QAM	1	25	17.41	17.59	17.38				
10	256QAM	1	49	17.53	17.58	17.77				
10	256QAM	25	0	17.54	17.60	17.37				
10	256QAM	25	12	17.62	17.54	17.47	19	5		
10	256QAM	25	25	17.48	17.72	17.52				
10	256QAM	50	0	17.54	17.51	17.66				
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				695.5	675.5	695.5				
5	QPSK	1	0	22.45	22.69	22.51	24	0		
5	QPSK	1	12	22.47	22.52	22.32				
5	QPSK	1	24	22.48	22.41	22.51				
5	QPSK	12	0	21.61	21.63	21.39				
5	QPSK	12	7	21.64	21.57	21.57	23	1		
5	QPSK	12	13	21.56	21.52	21.61				
5	QPSK	25	0	21.39	21.61	21.45				
5	16QAM	1	0	21.78	21.92	21.81				
5	16QAM	1	12	21.86	21.99	21.91	23	1		
5	16QAM	1	24	21.83	21.78	22.06				
5	16QAM	12	0	20.48	20.67	20.59				
5	16QAM	12	7	20.37	20.64	20.58				
5	16QAM	12	13	20.42	20.48	20.62	22	2		
5	16QAM	25	0	20.76	20.59	20.86				
5	64QAM	1	0	20.43	20.51	20.47				
5	64QAM	1	12	20.57	20.64	20.44				
5	64QAM	1	24	20.38	20.46	20.80	21	3		
5	64QAM	12	0	19.49	19.56	19.47				
5	64QAM	12	7	19.41	19.66	19.62				
5	64QAM	12	13	19.47	19.49	19.69				
5	256QAM	1	0	17.48	17.60	17.68	19	5		
5	256QAM	1	12	17.44	17.55	17.40				
5	256QAM	1	24	17.49	17.49	17.73				
5	256QAM	12	0	17.53	17.60	17.37				
5	256QAM	12	7	17.56	17.48	17.43	19	5		
5	256QAM	12	13	17.51	17.68	17.56				
5	256QAM	25	0	17.73	17.54	17.68				

Reduced Power Mode for ECI 2

Ant 0								
GSM850 Ant0			Burst Average Power (dbm)		Frame-Average Power (dbm)		Tune-up	
TX Channel	128	189	251	Limit (dbm)	128	189	251	Limit (dbm)
Frequency (MHz)	824.2	836.4	848.6	(dbm)	824.2	836.4	848.6	(dbm)
GPRS 4 Tx slots	27.21	27.22	27.06	28.50	24.21	24.22	24.08	25.50

Band		WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel	4132	4182	4233		
Rx Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	RMC 12.2kbps	22.51	22.53	22.38	24.00

Ant 1									
GSM1900 Ant1		Burst Average Power (dbm)			Frame Average Power (dbm)		Tune-up Limit (dbm)		
TX Channel		512	661	810	Tune-up Limit (dbm)	512	661	810	Tune-up Limit (dbm)
Frequency (MHz)		1650.2	1680	1699.8	(dbm)	1650.2	1680	1699.8	(dbm)
CPRI 3 Tx slots		25.28	25.33	25.26	26.80	21.02	21.07	21.00	22.24

Band		WCDMA II Art1			Tune-up Limit (dBm)
TX Channel	9262	9400	9538		
Rx Channel	9662	9800	9938		
Frequency (MHz)	1852.4	1880	1907.6		
3GPP Rel 99	RMC 12.2Kbps	22.57	22.65	22.59	24.00

Band 5 Ant0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				20460	20525	20600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.53	22.53	22.53	24	0
10	QPSK	25	0	21.55	21.58	21.58	23	1
10	QPSK	50	0	21.36	21.61	21.32	23	1

Band 2 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Tune-up limit (dbm)	MPR (dB)
Channel				18700	18800	19100		
Frequency (MHz)				22.69	22.79	22.61		
20	QPSK	1	0	22.69	22.79	22.61	24	0
20	QPSK	50	0	21.85	21.87	21.72	23	1
20	QPSK	100	0	21.78	21.84	21.63	23	1

Band 2 Ant4								
BW [MHz]	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	18800	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.48	18.79	18.64	19.5	0
20	QPSK	50	0	18.38	18.56	18.37	19.5	0
20	QPSK	100	0	18.25	18.44	18.10	19.5	0

Band 26 for FCC Ant4								
BW (MHz)	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	21.98	22.14	22.03	23	0
15	QPSK	36	0	21.53	21.58	21.57	23	0
15	QPSK	75	0	21.55	21.59	21.59	23	0

Band 42 FCC Part27Q Ant5								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				42190	42290	42390		
				3460	3500	3540		
20	QPSK	1	0	16.90	17.73	16.96	18.1	0
20	QPSK	50	0	16.81	16.98	16.94	18.1	0
20	QPSK	100	0	16.73	16.81	16.71	18.1	0

Band 26 for FCC Ant0								
BW (MHz)	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	22.53	22.54	22.45	23	0
15	QPSK	36	0	21.48	21.53	21.49	23	1
15	QPSK	75	0	21.56	21.61	21.56	23	1

Band 7 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				20800	21100	21500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.68	22.72	22.70	24	0
20	QPSK	50	0	21.73	21.86	21.69	23	1
20	QPSK	100	0	21.71	21.82	21.52		

Band 5 Ant4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Turn-up limit (dBm)	MPR (dB)
Channel				20460	20525	20600	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.78	22.59	21.83	23.6	0
10	QPSK	25	0	21.53	21.59	21.43	23	0.6
10	QPSK	50	0	21.51	21.62	21.39	23	0.6

Band 38 Ant4								
BW (MHz)	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		0	21.09	21.28	21.23	22.5	0
20	QPSK	50	0	21.00	21.18	21.06	22.5	0
20	QPSK	100	0	20.90	21.00	20.84	22.5	0

Band 38 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2586	2586	2610		
20	QPSK	1	0	22.90	22.93	22.73	24	0
20	QPSK	50	0	21.89	21.97	21.70	23	1
20	QPSK	100	0	21.82	21.95	21.68		

Band 7 Ant4								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Middle Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				20800	21100	21500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.63	18.78	18.77	19.5	0
20	QPSK	50	0	18.53	18.68	18.66	19.5	0
20	QPSK	100	0	18.51	18.66	18.27	19.5	0

Band 71										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133322	133372				
Frequency (MHz)				673	685	698				
20	QPSK	1	0	22.63	22.82	22.66	24	0		
20	QPSK	1	49	22.70	22.69	22.57				
20	QPSK	1	99	22.69	22.63	22.65				
20	QPSK	50	0	21.81	21.87	21.68				
20	QPSK	50	24	21.76	21.80	21.79	23	1		
20	QPSK	50	50	21.75	21.77	21.78				
20	QPSK	100	0	21.70	21.79	21.65				
20	16QAM	1	0	21.97	22.12	22.05				
20	16QAM	1	49	22.09	22.15	22.11	23	1		
20	16QAM	1	99	21.99	22.02	22.21				
20	16QAM	50	0	20.86	20.85	20.77				
20	16QAM	50	24	20.56	20.79	20.74				
20	16QAM	50	50	20.85	20.71	20.77	22	2		
20	16QAM	100	0	20.89	20.82	20.84				
20	64QAM	1	0	20.53	20.71	20.66				
20	64QAM	1	49	20.76	20.78	20.55				
20	64QAM	1	99	20.53	20.72	20.93	21	3		
20	64QAM	50	0	19.70	19.75	19.76				
20	64QAM	50	24	19.61	19.90	19.87				
20	64QAM	50	50	19.74	19.67	19.85				
20	64QAM	100	0	19.78	19.69	19.93	19	5		
20	256QAM	1	0	17.72	17.84	17.88				
20	256QAM	1	49	17.65	17.74	17.55				
20	256QAM	1	99	17.66	17.73	17.91				
20	256QAM	50	0	17.68	17.81	17.64	19	5		
20	256QAM	50	24	17.81	17.69	17.72				
20	256QAM	50	50	17.71	17.86	17.69				
20	256QAM	100	0	17.88	17.70	17.90				
Channel				133197	133297	133359	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	0	22.48	22.73	22.52	24	0		
15	QPSK	1	37	22.55	22.62	22.49				
15	QPSK	1	74	22.52	22.52	22.54				
15	QPSK	36	0	21.65	21.82	21.60				
15	QPSK	36	20	21.64	21.67	21.74	23	1		
15	QPSK	36	39	21.65	21.70	21.71				
15	QPSK	75	0	21.62	21.63	21.50				
15	16QAM	1	0	21.86	22.04	21.99				
15	16QAM	1	37	21.97	22.04	21.99	23	1		
15	16QAM	1	74	21.95	21.88	22.08				
15	16QAM	36	0	20.80	20.77	20.69				
15	16QAM	36	20	20.48	20.72	20.69				
15	16QAM	36	39	20.49	20.59	20.73	22	2		
15	16QAM	75	0	20.73	20.70	20.76				
15	64QAM	1	0	20.45	20.62	20.55				
15	64QAM	1	37	20.89	20.78	20.44				
15	64QAM	1	74	20.46	20.65	20.61	21	3		
15	64QAM	36	0	19.61	19.64	19.69				
15	64QAM	36	20	19.47	19.78	19.78				
15	64QAM	36	39	19.63	19.52	19.73				
15	64QAM	75	0	19.68	19.55	19.86	19	5		
15	256QAM	1	0	17.62	17.78	17.75				
15	256QAM	1	37	17.60	17.64	17.30				
15	256QAM	1	74	17.60	17.60	17.87				
15	256QAM	36	0	17.55	17.76	17.51	19	5		
15	256QAM	36	20	17.67	17.60	17.59				
15	256QAM	36	39	17.59	17.81	17.61				
15	256QAM	75	0	17.76	17.59	17.77				
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	678	693				
10	QPSK	1	0	22.53	22.71	22.81	24	0		
10	QPSK	1	25	22.58	22.57	22.52				
10	QPSK	1	49	22.48	22.53	22.52				
10	QPSK	25	0	21.75	21.82	21.62				
10	QPSK	25	12	21.69	21.66	21.74	23	1		
10	QPSK	25	25	21.81	21.69	21.65				
10	QPSK	50	0	21.59	21.67	21.61				
10	16QAM	1	0	21.83	22.01	21.92				
10	16QAM	1	25	22.03	22.02	22.08	23	1		
10	16QAM	1	49	21.89	21.97	22.06				
10	16QAM	25	0	20.61	20.76	20.66				
10	16QAM	25	12	20.46	20.64	20.66				
10	16QAM	25	25	20.51	20.57	20.66	22	2		
10	16QAM	50	0	20.76	20.75	20.72				
10	64QAM	1	0	20.43	20.63	20.54				
10	64QAM	1	25	20.62	20.76	20.49				
10	64QAM	1	49	20.44	20.58	20.63	21	3		
10	64QAM	25	0	19.63	19.68	19.60				
10	64QAM	25	12	19.55	19.81	19.62				
10	64QAM	25	25	19.60	19.54	19.75				
10	64QAM	50	0	19.72	19.54	19.62	19	5		
10	256QAM	1	0	17.62	17.77	17.74				
10	256QAM	1	25	17.57	17.69	17.49				
10	256QAM	1	49	17.50	17.62	17.83				
10	256QAM	25	0	17.58	17.65	17.51	19	5		
10	256QAM	25	12	17.73	17.55	17.62				
10	256QAM	25	25	17.64	17.79	17.65				
10	256QAM	50	0	17.83	17.65	17.77				
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	675.5	695.5				
5	QPSK	1	0	22.56	22.69	22.57	24	0		
5	QPSK	1	12	22.55	22.55	22.47				
5	QPSK	1	24	22.46	22.50	22.58				
5	QPSK	12	0	21.77	21.73	21.58				
5	QPSK	12	7	21.72	21.73	21.75	23	1		
5	QPSK	12	13	21.69	21.64	21.63				
5	QPSK	25	0	21.55	21.65	21.60				
5	16QAM	1	0	21.81	22.08	21.96				
5	16QAM	1	12	22.01	22.04	22.02	23	1		
5	16QAM	1	24	21.90	21.96	22.09				
5	16QAM	12	0	20.56	20.78	20.64				
5	16QAM	12	7	20.41	20.70	20.60				
5	16QAM	12	13	20.51	20.50	20.66	22	2		
5	16QAM	25	0	20.84	20.77	20.75				
5	64QAM	1	0	20.46	20.67	20.53				
5	64QAM	1	12	20.68	20.64	20.48				
5	64QAM	1	24	20.46	20.59	20.84	21	3		
5	64QAM	12	0	19.60	19.68	19.71				
5	64QAM	12	7	19.55	19.80	19.80				
5	64QAM	12	13	19.64	19.56	19.77				
5	256QAM	25	0	19.69	19.65	19.85	19	5		
5	256QAM	1	0	17.61	17.79	17.77				
5	256QAM	1	12	17.60	17.69	17.47				
5	256QAM	1	24	17.60	17.69	17.85				
5	256QAM	12	0	17.54	17.76	17.54	19	5		
5	256QAM	12	7	17.67	17.62	17.67				
5	256QAM	12	13	17.58	17.71	17.61				
5	256QAM	25	0	17.73	17.64	17.84				

Reduced Power Mode for ECI 3

Ant 0

GBM60 Ant0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
Tx Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GPRS 4 Tx slots	27.21	27.22	27.06	28.50	24.21	24.22	24.06	25.50

Band	WCDMA V Ant0			Tune-up Limit
Tx Channel	4132	4162	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	836.4	836.4	836.4	
3GPP Ref 59	RMC 12.20bps	22.42	22.53	22.46

Band 5 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.53	22.43	22.31	24	0
10	QPSK	25	0	21.35	21.35	21.28	23	1
10	QPSK	50	0	21.38	21.41	21.32		

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.53	22.43	22.31	21.8	0
20	QPSK	50	0	20.54	20.68	20.55	21.8	0
20	QPSK	100	0	20.56	20.63	20.53		

Band 2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.59	18.76	18.63	19.2	0
20	QPSK	50	0	18.61	18.63	18.55	19.2	0
20	QPSK	100	0	18.58	18.67	18.59		

Band 26 for FCC Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.38	22.56	22.48	23.6	0
15	QPSK	36	0	21.38	21.57	21.39	23	0.6
15	QPSK	75	0	21.48	21.52	21.32		

Band 42 FCC Part27Q Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	17.95	18.08	18.00	19.5	0
20	QPSK	50	0	17.98	18.05	18.02	19.5	0
20	QPSK	100	0	17.93	17.94	17.90		

Ant 1

GBM1800 Ant1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
Tx Channel	512	681	810		512	681	810	
Frequency (MHz)	1850.2	1860	1900.8		1850.2	1860	1900.8	
GPRS 3 Tx slots	25.28	25.33	25.26	26.50	21.02	21.07	21.00	22.24

Band	WCDMA B Ant1			Tune-up Limit
Tx Channel	9282	9400	9538	
Rx Channel	9602	9600	9638	
Frequency (MHz)	1852.4	1860	1907.6	
3GPP Ref 59 RMC 12.20bps	19.92	20.04	19.98	21.00

Band 26 for FCC Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.53	22.54	22.45	24	0
15	QPSK	36	0	21.48	21.53	21.48	23	1
15	QPSK	75	0	21.56	21.61	21.36		

Band 7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	19.27	19.52	19.25	19.6	0
20	QPSK	50	0	18.40	18.49	18.35	19.6	0
20	QPSK	100	0	18.29	18.30	18.25		

Band 5 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.52	22.59	22.52	23.6	0
10	QPSK	25	0	21.52	21.64	21.45	23	0.6
10	QPSK	50	0	21.52	21.60	21.49		

Band 38 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	20.04	20.23	20.04	21.2	0
20	QPSK	50	0	20.03	20.17	20.02	21.2	0
20	QPSK	100	0	20.03	20.08	20.05		

Band 38 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.98	23.04	22.95	24	0
20	QPSK	50	0	21.93	22.07	21.75	23	1
20	QPSK	100	0	21.87	21.93	21.76		

Band 7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.06	18.22	18.10	19	0
20	QPSK	50	0	18.10	18.17	18.13	19	0
20	QPSK	100	0	18.04	18.22	18.09		

Band 71									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133322	133322	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				673	683	688			
20	QPSK	1	0	22.63	22.82	22.66	24	0	
20	QPSK	1	49	22.70	22.69	22.57			
20	QPSK	1	99	22.59	22.63	22.65			
20	QPSK	50	0	21.81	21.67	21.68			
20	QPSK	50	24	21.76	21.80	21.79	23	1	
20	QPSK	50	50	21.75	21.77	21.78			
20	QPSK	100	0	21.70	21.79	21.65			
20	16QAM	1	0	21.87	22.12	22.05			
20	16QAM	1	49	22.09	22.15	22.11	23	1	
20	16QAM	1	99	21.99	22.02	22.21			
20	16QAM	50	0	20.06	20.85	20.77			
20	16QAM	50	24	20.56	20.79	20.74			
20	16QAM	50	50	20.65	20.71	20.77	22	2	
20	16QAM	100	0	20.89	20.82	20.84			
20	64QAM	1	0	20.53	20.71	20.66			
20	64QAM	1	49	20.76	20.88	20.55			
20	64QAM	1	99	20.53	20.72	20.93	21	3	
20	64QAM	50	0	19.70	19.75	19.76			
20	64QAM	50	24	19.61	19.90	19.87			
20	64QAM	50	50	19.74	19.67	19.65			
20	64QAM	100	0	19.78	19.69	19.93	19	5	
20	256QAM	1	0	17.72	17.84	17.88			
20	256QAM	1	49	17.65	17.74	17.56			
20	256QAM	1	99	17.86	17.73	17.91			
20	256QAM	50	0	17.68	17.81	17.84	19	5	
20	256QAM	50	24	17.81	17.69	17.72			
20	256QAM	50	50	17.71	17.86	17.69			
20	256QAM	100	0	17.88	17.70	17.90			
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	22.48	22.73	22.52	24	0	
15	QPSK	1	37	22.35	22.62	22.49			
15	QPSK	1	74	22.32	22.54	22.60			
15	QPSK	36	0	21.65	21.82	21.60			
15	QPSK	36	20	21.64	21.67	21.74	23	1	
15	QPSK	36	39	21.65	21.70	21.71			
15	QPSK	75	0	21.62	21.63	21.50			
15	16QAM	1	0	21.86	22.04	21.98			
15	16QAM	1	37	21.97	22.04	21.99	23	1	
15	16QAM	1	74	21.95	21.88	22.08			
15	16QAM	36	0	20.60	20.77	20.89			
15	16QAM	36	20	20.48	20.72	20.69			
15	16QAM	36	39	20.49	20.59	20.73	22	2	
15	16QAM	75	0	20.73	20.76	20.76			
15	64QAM	1	0	20.45	20.62	20.55			
15	64QAM	1	37	20.69	20.78	20.44			
15	64QAM	1	74	20.46	20.65	20.79	21	3	
15	64QAM	36	0	19.81	19.64	19.69			
15	64QAM	36	20	19.47	19.78	19.75			
15	64QAM	36	39	19.63	19.52	19.73			
15	64QAM	75	0	19.68	19.55	19.86	19	5	
15	256QAM	1	0	17.62	17.78	17.75			
15	256QAM	1	37	17.60	17.64	17.39			
15	256QAM	1	74	17.60	17.60	17.67			
15	256QAM	36	0	17.55	17.76	17.51	19	5	
15	256QAM	36	20	17.67	17.60	17.58			
15	256QAM	36	39	17.59	17.81	17.61			
15	256QAM	75	0	17.76	17.59	17.77			
Channel				133172	133272	133372	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				688	678	682			
10	QPSK	1	0	22.53	22.71	22.61	24	0	
10	QPSK	1	25	22.58	22.57	22.52			
10	QPSK	1	49	22.48	22.53	22.52			
10	QPSK	25	0	21.75	21.82	21.62			
10	QPSK	25	12	21.69	21.66	21.74	23	1	
10	QPSK	25	25	21.61	21.68	21.66			
10	QPSK	50	0	21.59	21.67	21.61			
10	16QAM	1	0	21.83	22.01	21.92			
10	16QAM	1	25	22.03	22.02	22.06	23	1	
10	16QAM	1	49	21.89	21.97	22.06			
10	16QAM	25	0	20.81	20.78	20.66			
10	16QAM	25	12	20.46	20.64	20.66			
10	16QAM	25	25	20.51	20.57	20.66	22	2	
10	16QAM	50	0	20.76	20.75	20.72			
10	64QAM	1	0	20.43	20.63	20.54			
10	64QAM	1	25	20.62	20.76	20.49			
10	64QAM	1	49	20.44	20.58	20.63	21	3	
10	64QAM	25	0	19.63	19.68	19.60			
10	64QAM	25	12	19.05	19.81	19.82			
10	64QAM	25	25	19.60	19.54	19.75			
10	64QAM	50	0	19.72	19.54	19.82	19	5	
10	256QAM	1	0	17.62	17.77	17.74			
10	256QAM	1	25	17.57	17.69	17.49			
10	256QAM	1	49	17.50	17.62	17.63			
10	256QAM	25	0	17.58	17.65	17.51	19	5	
10	256QAM	25	12	17.73	17.55	17.62			
10	256QAM	25	25	17.64	17.79	17.65			
10	256QAM	50	0	17.63	17.65	17.77			
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				695.5	675.5	695.5			
5	QPSK	1	0	22.56	22.69	22.57	24	0	
5	QPSK	1	12	22.55	22.55	22.47			
5	QPSK	1	24	22.46	22.50	22.58			
5	QPSK	12	0	21.77	21.73	21.58			
5	QPSK	12	7	21.72	21.73	21.75	23	1	
5	QPSK	12	13	21.99	21.84	21.63			
5	QPSK	25	0	21.55	21.65	21.60			
5	16QAM	1	0	21.81	22.08	21.96			
5	16QAM	1	12	22.01	22.04	22.02	23	1	
5	16QAM	1	24	21.90	21.96	22.09			
5	16QAM	12	0	20.56	20.78	20.64			
5	16QAM	12	7	20.41	20.70	20.60			
5	16QAM	12	13	20.51	20.56	20.66	22	2	
5	16QAM	25	0	20.84	20.77	20.75			
5	64QAM	1	0	20.46	20.67	20.53			
5	64QAM	1	12	20.68	20.84	20.45			
5	64QAM	1	24	20.46	20.59	20.94	21	3	
5	64QAM	12	0	19.60	19.68	19.71			
5	64QAM	12	7	19.05	19.80	19.80			
5	64QAM	12	13	19.64	19.56	19.77			
5	64QAM	25	0	19.69	19.65	19.85	19	5	
5	256QAM	1	0	17.61	17.79	17.77			
5	256QAM	1	12	17.60	17.69	17.47			
5	256QAM	1	24	17.60	17.69	17.85			
5	256QAM	12	0	17.54	17.76	17.54	19	5	
5	256QAM	12	7	17.67	17.62	17.67			
5	256QAM	12	13	17.58	17.71	17.61			
5	256QAM	25	0	17.73	17.64	17.84			

Band 41 Ant1										
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 High Ch / Freq		
Channel										
Frequency [MHz]										
20	QPSK	1	0	22.74	22.83	22.93	22.98	22.83	24	
20	QPSK	1	49	22.78	22.47	22.69	22.88	22.49		
20	QPSK	1	99	22.70	22.70	22.65	22.49	22.48	23	
20	QPSK	50	0	21.79	21.78	21.93	21.82	21.69		
20	QPSK	50	24	21.76	21.55	21.85	21.54	21.57	23	
20	QPSK	50	50	21.82	21.64	21.87	21.59	21.58		
20	QPSK	100	0	21.68	21.47	21.77	21.70	21.48	23	
20	16QAM	1	0	21.79	21.55	21.74	21.69	21.47		
20	16QAM	1	49	21.83	21.57	21.82	21.57	21.45	23	
20	16QAM	1	99	21.78	21.64	21.66	21.56	21.33		
20	16QAM	50	0	20.86	20.58	20.70	20.83	20.54	22	
20	16QAM	50	24	20.73	20.57	20.76	20.59	20.59		
20	16QAM	50	50	20.70	20.53	20.68	20.48	20.60	22	
20	16QAM	100	0	20.56	20.56	20.71	20.61	20.54		
20	64QAM	1	0	20.72	20.43	20.62	20.35	20.51	22	
20	64QAM	1	49	20.63	20.49	20.72	20.41	20.49		
20	64QAM	1	99	20.65	20.45	20.70	20.41	20.43	21	
20	64QAM	50	0	19.68	19.76	19.82	19.65	19.64		
20	64QAM	50	24	19.84	19.59	19.88	19.60	19.65	21	
20	64QAM	50	50	19.87	19.58	19.79	19.54	19.44		
20	64QAM	100	0	19.73	19.52	19.72	19.48	19.51	19	
20	256QAM	1	0	17.86	17.59	17.64	17.65	17.57		
20	256QAM	1	49	17.73	17.53	17.74	17.68	17.48	19	
20	256QAM	1	99	17.52	17.60	17.68	17.58	17.45		
20	256QAM	50	0	17.73	17.70	17.79	17.72	17.59	19	
20	256QAM	50	24	17.91	17.46	17.63	17.63	17.55		
20	256QAM	50	50	17.72	17.71	17.82	17.59	17.50	20	
20	256QAM	100	0	17.58	17.66	17.72	17.51	17.51		
Channel										
Frequency [MHz]										
15	QPSK	1	0	22.75	22.83	22.83	22.54	22.65	24	
15	QPSK	1	37	22.80	22.80	22.72	22.54	22.47		
15	QPSK	1	74	22.84	22.72	22.86	22.56	22.47	23	
15	QPSK	36	0	21.70	21.73	21.84	21.61	21.62		
15	QPSK	36	20	21.82	21.69	21.79	21.66	21.65	23	
15	QPSK	36	39	21.80	21.65	21.76	21.67	21.50		
15	QPSK	75	0	21.59	21.47	21.62	21.59	21.49	23	
15	16QAM	1	0	21.93	21.53	21.75	21.66	21.48		
15	16QAM	1	37	21.87	21.58	21.63	21.44	21.46	23	
15	16QAM	1	74	21.67	21.74	21.63	21.44	21.45		
15	16QAM	36	0	20.92	20.50	20.82	20.58	20.49	22	
15	16QAM	36	20	20.74	20.54	20.85	20.59	20.59		
15	16QAM	36	39	20.68	20.51	20.80	20.56	20.53	22	
15	16QAM	75	0	20.58	20.59	20.69	20.56	20.55		
15	64QAM	1	0	20.78	20.36	20.73	20.35	20.44	22	
15	64QAM	1	37	20.67	20.48	20.81	20.31	20.49		
15	64QAM	1	74	20.75	20.48	20.55	20.52	20.41	22	
15	64QAM	36	0	19.68	19.72	19.77	19.76	19.64		
15	64QAM	36	20	19.65	19.58	19.96	19.73	19.61	21	
15	64QAM	36	39	19.78	19.49	19.65	19.67	19.49		
15	64QAM	75	0	19.74	19.50	19.72	19.67	19.51	19	
15	256QAM	1	0	17.81	17.59	17.70	17.63	17.49		
15	256QAM	1	37	17.69	17.45	17.85	17.55	17.49	19	
15	256QAM	1	74	17.58	17.64	17.76	17.53	17.48		
15	256QAM	36	0	17.84	17.57	17.67	17.79	17.69	19	
15	256QAM	36	20	17.90	17.58	17.81	17.69	17.46		
15	256QAM	36	39	17.63	17.76	17.48	17.67	17.43	19	
15	256QAM	75	0	17.58	17.70	17.59	17.60	17.41		
Channel										
Frequency [MHz]										
10	QPSK	1	0	22.84	22.77	22.74	22.69	22.54	24	
10	QPSK	1	25	22.86	22.56	22.83	22.73	22.50		
10	QPSK	1	49	22.58	22.67	22.72	22.46	22.46	23	
10	QPSK	25	0	21.68	21.85	21.91	21.55	21.58		
10	QPSK	25	12	21.83	21.54	21.81	21.58	21.67	23	
10	QPSK	50	0	21.69	21.54	21.76	21.67	21.45		
10	QPSK	50	0	21.68	21.53	21.68	21.54	21.48	23	
10	16QAM	1	0	21.82	21.51	21.75	21.70	21.36		
10	16QAM	1	25	21.76	21.56	21.86	21.85	21.45	23	
10	16QAM	1	49	21.79	21.59	21.65	21.53	21.37		
10	16QAM	25	0	20.80	20.56	20.74	20.66	20.47	22	
10	16QAM	25	12	20.65	20.62	20.81	20.52	20.62		
10	16QAM	25	25	20.76	20.63	20.82	20.80	20.54	22	
10	16QAM	50	0	20.81	20.66	20.72	20.64	20.42		
10	64QAM	1	0	20.76	20.35	20.65	20.47	20.52	22	
10	64QAM	1	25	20.59	20.53	20.65	20.41	20.41		
10	64QAM	1	49	20.72	20.57	20.66	20.49	20.29	21	
10	64QAM	25	0	19.81	19.70	19.86	19.82	19.67		
10	64QAM	25	12	19.71	19.58	19.87	19.55	19.70	21	
10	64QAM	25	25	19.78	19.55	19.74	19.46	19.50		
10	64QAM	50	0	19.69	19.55	19.77	19.45	19.48	19	
10	256QAM	1	0	17.74	17.65	17.79	17.72	17.56		
10	256QAM	1	25	17.74	17.43	17.84	17.66	17.50	19	
10	256QAM	1	49	17.63	17.68	17.67	17.49	17.54		
10	256QAM	25	0	17.69	17.72	17.81	17.63	17.61	19	
10	256QAM	25	12	17.92	17.50	17.70	17.58	17.57		
10	256QAM	25	25	17.74	17.79	17.68	17.51	17.55	19	
10	256QAM	50	0	17.68	17.77	17.73	17.60	17.56		
Channel										
Frequency [MHz]										
5	QPSK	1	0	22.77	22.58	22.63	22.74	22.54	24	
5	QPSK	1	12	22.84	22.47	22.83	22.56	22.45		
5	QPSK	1	24	22.72	22.59	22.61	22.52	22.54	23	
5	QPSK	12	0	21.68	21.86	21.83	21.64	21.74		
5	QPSK	12	7	21.74	21.53	21.91	21.65	21.56	23	
5	QPSK	12	13	21.73	21.57	21.89	21.61	21.51		
5	QPSK	25	0	21.63	21.59	21.67	21.60	21.39	23	
5	16QAM	1	0	21.87	21.55	21.59	21.80	21.47		
5	16QAM	1	12	21.78	21.48	21.57	21.48	21.44	23	
5	16QAM	1	24	21.71	21.66	21.59	21.67	21.46		
5	16QAM	12	0	20.94	20.58	20.77	20.69	20.55	22	
5	16QAM	12	7	20.86	20.57	20.71	20.57	20.51		
5	16QAM	12	13	20.63	20.46	20.77	20.56	20.61	22	
5	16QAM	25	0	20.54	20.58	20.73	20.58	20.51		
5	64QAM	1	0	20.61	20.32	20.70	20.41	20.46	22	
5	64QAM	1	12	20.66	20.51	20.77	20.43	20.42		
5	64QAM	1	24	20.73	20.44	20.60	20.42	20.37	21	
5	64QAM	12	0	19.61	19.73	19.69	19.76	19.54		
5	64QAM	12	7	19.71	19.68	19.76	19.76	19.71	21	
5	64QAM	12	13	19.74	19.53	19.70	19.53	19.32		
5	64QAM	25	0	19.79	19.60	19.76	19.53	19.48	19	
5	256QAM	1	0	17.85	17.59	17.69	17.64	17.52		
5	256QAM	1	12	17.66	17.56	17.87	17.64	17.42	19	
5	256QAM	1	24	17.55	17.58	17.78	17.56	17.41		
5	256QAM	12	0	17.76	17.73	17.74	17.69	17.65	19	
5	256QAM	12	7	17.80	17.48	17.64	17.75	17.45		
5	256QAM	12	13	17.73	17.59	17.57	17.53	17.57	19	
5	256QAM	25	0	17.64	17.71	17.79	17.49	17.56		

Band 41 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 High Ch / Freq	
Channel									
Frequency (MHz)									
20	QPSK	1	0	25.81	25.69	25.93	25.62	25.58	27
20	QPSK	1	49	25.81	25.53	25.73	25.63	25.47	

Band 71									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688			
20	QPSK	1	0	22.50	22.75	22.57	24	0	
20	QPSK	1	49	22.59	22.59	22.44			
20	QPSK	1	99	22.52	22.52	22.56			
20	QPSK	50	0	21.68	21.76	21.55	23	1	
20	QPSK	50	24	21.71	21.69	21.73			
20	QPSK	50	50	21.61	21.67	21.68			
20	QPSK	100	0	21.54	21.75	21.51	23	1	
20	16QAM	1	0	21.86	22.05	21.96			
20	16QAM	1	49	22.01	22.06	22.05			
20	16QAM	1	99	21.90	21.89	22.15	22	2	
20	16QAM	50	0	20.55	20.80	20.70			
20	16QAM	50	24	20.44	20.72	20.67			
20	16QAM	50	50	20.56	20.61	20.86	22	2	
20	16QAM	100	0	20.84	20.69	20.76			
20	64QAM	1	0	20.48	20.64	20.57	22	2	
20	64QAM	1	49	20.69	20.74	20.48			
20	64QAM	1	99	20.43	20.57	20.85			
20	64QAM	50	0	19.56	19.61	19.63	21	3	
20	64QAM	50	24	19.48	19.77	19.73			
20	64QAM	50	50	19.62	19.59	19.76			
20	64QAM	100	0	19.62	19.58	19.81	19	5	
20	256QAM	1	0	17.62	17.69	17.82			
20	256QAM	1	49	17.55	17.64	17.47			
20	256QAM	1	99	17.57	17.63	17.84	19	5	
20	256QAM	50	0	17.60	17.69	17.59			
20	256QAM	50	24	17.69	17.58	17.57			
20	256QAM	50	50	17.62	17.81	17.64	19	5	
20	256QAM	100	0	17.79	17.64	17.81			
Channel				670.5	680.5	690.5	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				22.37	22.63	22.42			
15	QPSK	1	0	22.37 <td>22.63<td>22.42</td><td rowspan="3">24</td><td rowspan="3">0</td><td rowspan="3"></td></td>	22.63 <td>22.42</td> <td rowspan="3">24</td> <td rowspan="3">0</td> <td rowspan="3"></td>	22.42	24	0	
15	QPSK	1	37	22.44	22.54	22.31			
15	QPSK	1	74	22.39	22.40	22.42			
15	QPSK	36	0	21.53	21.70	21.50	23	1	
15	QPSK	36	20	21.57	21.59	21.64			
15	QPSK	36	39	21.51	21.56	21.62			
15	QPSK	75	0	21.49	21.67	21.45	23	1	
15	16QAM	1	0	21.76	21.59	21.84			
15	16QAM	1	37	21.94	22.00	21.98			
15	16QAM	1	74	21.79	21.78	22.04	22	2	
15	16QAM	36	0	20.48	20.68	20.59			
15	16QAM	36	20	20.34	20.60	20.66			
15	16QAM	36	39	20.43	20.51	20.59	22	2	
15	16QAM	75	0	20.73	20.55	20.63			
15	64QAM	1	0	20.38	20.55	20.52			
15	64QAM	1	37	20.61	20.64	20.40	22	2	
15	64QAM	1	74	20.31	20.43	20.75			
15	64QAM	36	0	19.51	19.49	19.56			
15	64QAM	36	20	19.40	19.65	19.64	21	3	
15	64QAM	36	39	19.47	19.44	19.65			
15	64QAM	75	0	19.56	19.52	19.74			
15	256QAM	1	0	17.49	17.55	17.67	19	5	
15	256QAM	1	37	17.40	17.57	17.35			
15	256QAM	1	74	17.47	17.55	17.70			
15	256QAM	36	0	17.48	17.56	17.45	19	5	
15	256QAM	36	20	17.65	17.52	17.52			
15	256QAM	36	39	17.47	17.76	17.56			
15	256QAM	75	0	17.64	17.56	17.72	Channel		
Frequency (MHz)				133172	133272	133322	Tune-up (dBm)	MPR (dB)	
Channel				668	678	693			
10	QPSK	1	0	22.37	22.68	22.47	24	0	
10	QPSK	1	25	22.48	22.46	22.29			
10	QPSK	1	49	22.47	22.40	22.42			
10	QPSK	25	0	21.59	21.66	21.41	23	1	
10	QPSK	25	12	21.65	21.59	21.66			
10	QPSK	25	25	21.46	21.59	21.56			
10	QPSK	50	0	21.41	21.68	21.38	23	1	
10	16QAM	1	0	21.71	21.97	21.80			
10	16QAM	1	25	21.92	21.94	21.98			
10	16QAM	1	49	21.85	21.80	22.07	22	2	
10	16QAM	25	0	20.40	20.70	20.66			
10	16QAM	25	12	20.37	20.63	20.60			
10	16QAM	25	25	20.48	20.48	20.51	22	2	
10	16QAM	50	0	20.72	20.62	20.73			
10	64QAM	1	0	20.44	20.51	20.44			
10	64QAM	1	25	20.59	20.68	20.44	22	2	
10	64QAM	1	49	20.32	20.47	20.70			
10	64QAM	25	0	19.47	19.50	19.54			
10	64QAM	25	12	19.43	19.68	19.61	21	3	
10	64QAM	25	25	19.55	19.49	19.64			
10	64QAM	50	0	19.46	19.48	19.68			
10	256QAM	1	0	17.51	17.59	17.76	19	5	
10	256QAM	1	25	17.41	17.59	17.38			
10	256QAM	1	49	17.53	17.58	17.77			
10	256QAM	25	0	17.54	17.60	17.37	19	5	
10	256QAM	25	12	17.62	17.54	17.47			
10	256QAM	25	25	17.48	17.72	17.52			
10	256QAM	50	0	17.54	17.51	17.66	Channel		
Frequency (MHz)				665.5	675.5	695.5	Tune-up (dBm)	MPR (dB)	
Channel				22.45	22.69	22.51			
5	QPSK	1	0	22.45 <td>22.69<td>22.51</td><td rowspan="3">24</td><td rowspan="3">0</td><td rowspan="3"></td></td>	22.69 <td>22.51</td> <td rowspan="3">24</td> <td rowspan="3">0</td> <td rowspan="3"></td>	22.51	24	0	
5	QPSK	1	12	22.47	22.52	22.32			
5	QPSK	1	24	22.48	22.41	22.51			
5	QPSK	12	0	21.61	21.63	21.39	23	1	
5	QPSK	12	7	21.64	21.57	21.57			
5	QPSK	12	13	21.56	21.52	21.61			
5	QPSK	25	0	21.39	21.61	21.45	23	1	
5	16QAM	1	0	21.78	21.92	21.81			
5	16QAM	1	12	21.86	21.99	21.91			
5	16QAM	1	24	21.83	21.78	22.06	22	2	
5	16QAM	12	0	20.48	20.67	20.59			
5	16QAM	12	7	20.37	20.64	20.58			
5	16QAM	12	13	20.42	20.48	20.62	22	2	
5	16QAM	25	0	20.76	20.59	20.86			
5	64QAM	1	0	20.43	20.51	20.47			
5	64QAM	1	12	20.57	20.64	20.44	22	2	
5	64QAM	1	24	20.38	20.46	20.80			
5	64QAM	12	0	19.49	19.56	19.47			
5	64QAM	12	7	19.41	19.66	19.62	21	3	
5	64QAM	12	13	19.47	19.49	19.69			
5	64QAM	25	0	19.56	19.54	19.69			
5	256QAM	1	0	17.48	17.55	17.68	19	5	
5	256QAM	1	12	17.44	17.55	17.40			
5	256QAM	1	24	17.49	17.49	17.73			
5	256QAM	12	0	17.53	17.60	17.37	19	5	
5	256QAM	12	7	17.56	17.48	17.43			
5	256QAM	12	13	17.51	17.68	17.56			

Band 41 Ant4											
BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Low High Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel											
Frequency (MHz)											
20	QPSK	1	0	2510	2506	2549.5	2593	2636.5	2680	21.2	0
20	QPSK	1	49	20.07	20.06	20.11	20.22	20.04	20.08		
20	QPSK	1	99	19.98	20.07	20.08	20.14	20.15	19.99	21.2	0
20	QPSK	1	99	20.15	20.01	20.17	20.05	20.03	20.10		
20	QPSK	50	0	19.99	20.09	20.15	20.21	20.03	20.02	21.2	0
20	QPSK	50	24	20.15	20.05	20.17	20.06	20.00	20.05		
20	QPSK	50	50	20.12	20.08	19.99	20.17	20.10	20.08	21.2	0
20	QPSK	100	0	20.07	20.08	20.12	20.16	20.08	20.12		
20	16QAM	1	0	20.06	20.15	20.20	20.02	20.07	20.05	21.2	0
20	16QAM	1	49	20.01	20.16	20.10	20.13	20.10	20.10		
20	16QAM	50	24	20.11	20.12	20.07	20.15	20.06	20.00	21.2	0
20	16QAM	50	0	20.05	20.16	20.14	20.13	20.20	20.00		
20	16QAM	50	24	20.11	20.12	20.14	20.15	20.09	20.13	21.2	0
20	16QAM	50	50	20.13	20.12	20.02	20.18	20.18	20.07		
20	16QAM	100	0	20.12	20.20	20.03	20.21	20.10	20.06	21.2	0
20	64QAM	1	0	20.11	19.99	20.14	20.11	19.98	20.15		
20	64QAM	1	49	20.15	20.11	20.14	20.14	20.20	20.15	21.2	0
20	64QAM	1	99	20.04	20.03	20.11	20.03	20.09	20.19		
20	64QAM	50	0	20.13	20.04	20.13	20.04	20.14	20.06	21	0.2
20	64QAM	50	24	19.98	20.06	20.11	20.01	20.09	20.19		
20	64QAM	50	50	20.05	20.08	20.11	20.03	20.11	20.01	21	0.2
20	64QAM	100	0	20.10	20.11	20.11	20.12	20.16	20.06		
20	256QAM	1	0	18.24	18.25	18.28	18.12	18.24	18.26	19	2.2
20	256QAM	1	49	18.07	18.15	18.16	18.15	18.18	18.15		
20	256QAM	1	99	18.25	18.20	18.30	18.24	18.31	18.18	19	2.2
20	256QAM	50	0	18.10	18.21	18.10	18.23	18.20	18.10		
20	256QAM	50	24	18.08	18.11	18.19	18.30	18.14	18.13	19	2.2
20	256QAM	50	50	18.22	18.21	18.12	18.17	18.18	18.27		
20	256QAM	100	0	18.24	18.20	18.16	18.10	18.13	18.20	19	2.2
Channel											
Frequency (MHz)											
15	QPSK	1	0	19.99	19.89	20.09	20.11	19.88	20.07	21	0
15	QPSK	1	37	19.85	19.86	19.93	20.07	20.05	19.93		
15	QPSK	1	74	19.07	19.87	20.01	19.85	20.05	19.87	21.2	0
15	QPSK	36	0	19.90	20.06	20.11	20.03	19.97	19.96		
15	QPSK	36	20	20.04	19.98	19.96	19.93	19.99	19.90	21.2	0
15	QPSK	36	39	19.94	19.97	19.97	20.05	20.05	19.97		
15	QPSK	75	0	19.87	19.96	20.06	20.09	20.02	20.03	21.2	0
15	16QAM	1	0	19.99	19.97	20.10	19.92	19.94	20.00		
15	16QAM	1	37	20.05	20.00	19.91	20.03	19.99	19.97	21.2	0
15	16QAM	1	74	19.95	19.91	20.02	20.05	19.97	19.85		
15	16QAM	36	0	19.92	19.98	19.95	19.96	20.11	19.93	21.2	0
15	16QAM	36	20	19.93	20.05	20.05	20.10	20.02	20.02		
15	16QAM	36	39	20.14	20.04	19.94	20.02	19.96	19.95	21.2	0
15	16QAM	75	0	20.02	20.02	20.01	20.01	20.10	20.04		
15	64QAM	1	0	19.99	19.84	20.01	20.11	19.91	20.02	21.2	0
15	64QAM	1	37	19.96	20.06	20.06	20.01	20.02	20.03		
15	64QAM	1	74	19.94	19.90	20.02	19.95	20.04	20.07	21	0.2
15	64QAM	36	0	20.08	20.00	20.13	19.85	19.98	19.94		
15	64QAM	36	20	19.99	19.91	19.95	20.04	20.14	20.12	21	0.2
15	64QAM	36	39	19.93	19.90	20.12	19.91	20.07	19.89		
15	64QAM	75	0	19.95	20.06	20.00	20.13	19.93	19.99	19	2.2
15	256QAM	1	0	18.24	18.08	18.12	18.14	18.17	18.19		
15	256QAM	1	37	18.02	18.13	18.01	17.91	18.10	18.06	19	2.2
15	256QAM	1	74	18.24	18.16	18.07	18.13	18.24	18.05		
15	256QAM	36	0	18.06	18.12	18.02	18.00	18.05	17.98	19	2.2
15	256QAM	36	20	18.08	18.00	18.02	18.10	18.17	17.95		
15	256QAM	36	39	18.11	18.14	18.14	18.12	18.17	18.06	19	2.2
15	256QAM	75	0	18.08	18.10	18.16	18.22	18.07	18.16		
Channel											
Frequency (MHz)											
10	QPSK	1	0	19.88	19.98	20.04	20.03	19.94	20.10	21	0
10	QPSK	1	25	19.89	19.87	19.86	20.06	20.02	19.93		
10	QPSK	1	49	19.97	19.82	20.04	20.05	20.03	19.94	21.2	0
10	QPSK	25	0	19.99	19.82	20.11	20.02	19.94	19.99		
10	QPSK	25	12	19.98	19.98	20.00	19.98	19.98	19.98	21.2	0
10	QPSK	25	25	20.00	19.86	19.89	19.98	20.12	19.98		
10	QPSK	50	0	19.97	19.96	20.01	19.98	19.97	19.91	21.2	0
10	16QAM	1	0	19.97	20.08	20.12	19.99	19.97	19.98		
10	16QAM	1	25	19.93	20.04	20.06	20.00	20.03	20.11	21.2	0
10	16QAM	1	49	19.94	19.92	19.95	19.95	19.93	20.00		
10	16QAM	25	0	19.89	19.96	20.10	20.01	19.99	19.97	21.2	0
10	16QAM	25	12	19.95	20.06	20.06	19.99	19.97	20.11		
10	16QAM	25	25	20.11	20.03	20.07	20.12	20.03	19.94	21.2	0
10	16QAM	50	0	20.04	20.04	19.87	20.13	19.98	19.96		
10	64QAM	1	0	20.01	19.86	19.97	20.02	19.89	20.01	21.2	0
10	64QAM	1	25	20.06	20.10	20.00	20.03	20.01	19.97		
10	64QAM	1	49	19.94	19.99	19.90	19.88	19.95	20.09	21.2	0
10	64QAM	25	0	20.12	19.87	19.96	19.98	20.03	20.06		
10	64QAM	25	12	19.89	20.04	19.98	19.97	20.09	20.10	21	0.2
10	64QAM	25	25	20.02	20.07	20.14	19.93	20.08	19.99		
10	64QAM	50	0	20.00	20.01	19.97	20.07	20.14	19.93	19	2.2
10	256QAM	1	0	18.18	18.14	18.19	18.04	18.18	18.07		
10	256QAM	1	25	18.00	18.08	18.04	18.03	18.15	17.99	19	2.2
10	256QAM	1	49	18.20	18.02	18.17	18.06	18.18	18.08		
10	256QAM	25	0	18.01	18.15	18.07	18.00	18.13	17.99	19	2.2
10	256QAM	25	12	18.06	18.02	18.16	18.21	18.03	18.03		
10	256QAM	25	25	18.12	18.10	18.01	18.12	18.13	18.18	19	2.2
10	256QAM	50	0	18.23	18.07	18.01	18.11	18.07	18.13		
Channel											
Frequency (MHz)											
5	QPSK	1	0	19.98	19.90	19.99	20.07	19.98	19.96	21	0
5	QPSK	1	12	19.98	19.91	19.83	20.08	19.95	19.92		
5	QPSK	1	24	20.05	20.01	19.96	19.99	19.91	20.01	21.2	0
5	QPSK	12	0	19.91	19.96	19.98	20.05	19.87	19.98		
5	QPSK	12	7	20.09	19.96	20.03	20.05	19.90	20.05	21.2	0
5	QPSK	12	13	20.03	19.92	19.93	20.07	20.01	20.09		
5	QPSK	25	0	19.99	19.93	20.03	19.96	19.98	20.01	21.2	0
5	16QAM	1	0	19.87	20.01	20.05	19.89	19.89	20.06		
5	16QAM	1	12	19.90	19.93	19.92	19.96	19.93	20.04	21.2	0
5	16QAM	1									

Reduced Power Mode for ECI 6

Ant 0

GSM900 Ant0		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		27.21	27.22	27.06	28.50	24.21	24.22	24.06	25.50

Band		WCDMA V Ant0		Tune-up	
TX Channel	Limit	4132	4152	4233	Limit
Frequency (MHz)	Limit	4357	4407	4458	Limit
Frequency (MHz)	836.4	836.4	846.6	846.6	Limit
SCPP Ref 99	RAC 12.2bps	22.51	22.53	22.36	24.00

Band 5 Ant0

BW [MHz]	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	20525	20600		
Frequency (MHz)				1860	1860	1860		
10	QPSK	1	0	22.33	22.43	22.31	24	0
10	QPSK	25	0	21.36	21.38	21.28	23	1
10	QPSK	50	0	21.36	21.41	21.32		

Band 2 Ant1

BW [MHz]	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	18800	19100		
Frequency (MHz)				1860	1860	1860		
20	QPSK	1	0	21.45	21.63	21.49	22.8	0
20	QPSK	50	0	21.48	21.59	21.48		
20	QPSK	100	0	21.44	21.55	21.43	22.8	0

Band 2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100		
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	19.97	20.11	19.94	21.2	0
20	QPSK	50	0	19.91	20.05	19.83		
20	QPSK	100	0	19.94	20.00	19.93	21.2	0

Band 26 for FCC Ant4

BW [MHz]	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	26865		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.30	22.48	22.45	24	0
15	QPSK	36	0	21.39	21.57	21.45	23	1
15	QPSK	75	0	21.37	21.47	21.38		

Band 42 FCC Part27Q Ant5

BW [MHz]	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	20.70	20.85	20.73	21.4	0
20	QPSK	50	0	20.76	20.82	20.73	21.4	0
20	QPSK	100	0	20.71	20.79	20.78		

Ant 1

GSM900 Ant1		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 3 Tx slots		25.28	25.33	25.26	26.50	21.02	21.07	21.00	22.24

Band		WCDMA 8 Ant1		Tune-up	
TX Channel	Limit	9862	9860	9838	Limit
Frequency (MHz)	Limit	9862	9860	9838	Limit
Frequency (MHz)	1852.4	1860	1860	1867.6	Limit
SCPP Ref 99	RAC 12.2bps	22.04	22.10	22.08	23.10

Band 26 for FCC

BW [MHz]	Modulation	RS 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	22.53	22.54	22.45	24	0
15	QPSK	36	0	21.48	21.53	21.48		
15	QPSK	75	0	21.56	21.61	21.36	23	1

Band 7 Ant1

BW [MHz]	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	20.34	20.46	20.19	21.4	0
20	QPSK	50	0	20.31	20.39	20.29		
20	QPSK	100	0	20.31	20.35	20.28	21.4	0

Band 5 Ant4

BW [MHz]	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	22.35	22.49	22.41	24	0
10	QPSK	25	0	21.41	21.48	21.35		
10	QPSK	50	0	21.37	21.43	21.28	23	1

Band 38 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				100	0	-100	22.9	0
Frequency (MHz)				10	0	-10		
20	QPSK	1	0	21.69	21.72	21.68		
20	QPSK	50	0	21.67	21.68	21.66	22.9	0
20	QPSK	100	0	21.57	21.69	21.59		

Band 38 Ant1

BW [MHz]	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	22.90	22.93	22.73	24	0
20	QPSK	50	0	21.89	21.97	21.70		
20	QPSK	100	0	21.82	21.85	21.68	23	1

Band 7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit	MPR
				Low	Middle	High		
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	(dBm)	(dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.69	18.82	18.80	19.8	0
20	QPSK	50	0	18.61	18.74	18.67		
20	QPSK	100	0	18.51	18.53	18.46	19.8	0

Band 71										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133322	133372	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				673	683	688				
20	QPSK	1	0	22.63	22.82	22.66	24	0		
20	QPSK	1	49	22.70	22.69	22.57				
20	QPSK	1	99	22.59	22.63	22.65				
20	QPSK	50	0	21.81	21.67	21.68				
20	QPSK	50	24	21.76	21.80	21.79	23	1		
20	QPSK	50	50	21.75	21.77	21.78				
20	QPSK	100	0	21.70	21.79	21.65				
20	16QAM	1	0	21.97	22.12	22.05				
20	16QAM	1	49	22.09	22.15	22.11	23	1		
20	16QAM	1	99	21.99	22.02	22.21				
20	16QAM	50	0	20.66	20.85	20.77				
20	16QAM	50	24	20.56	20.79	20.74				
20	16QAM	50	50	20.65	20.71	20.77	22	2		
20	16QAM	100	0	20.89	20.82	20.84				
20	64QAM	1	0	20.53	20.71	20.66				
20	64QAM	1	49	20.76	20.88	20.55				
20	64QAM	1	99	20.53	20.72	20.93	21	3		
20	64QAM	50	0	19.70	19.75	19.76				
20	64QAM	50	24	19.61	19.90	19.87				
20	64QAM	50	50	19.74	19.67	19.85				
20	64QAM	100	0	19.78	19.69	19.93	19	5		
20	256QAM	1	0	17.72	17.84	17.88				
20	256QAM	1	49	17.65	17.74	17.56				
20	256QAM	1	99	17.86	17.73	17.91				
20	256QAM	50	0	17.68	17.81	17.84	19	5		
20	256QAM	50	24	17.81	17.69	17.72				
20	256QAM	50	50	17.71	17.86	17.69				
20	256QAM	100	0	17.88	17.70	17.90				
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5 <th>680.5</th> <th>690.5</th>	680.5	690.5				
15	QPSK	1	0	22.48	22.73	22.52	24	0		
15	QPSK	1	37	22.55	22.62	22.49				
15	QPSK	1	74	22.52	22.54	22.60				
15	QPSK	36	0	21.65	21.82	21.60				
15	QPSK	36	20	21.64	21.67	21.74	23	1		
15	QPSK	36	39	21.65	21.70	21.71				
15	QPSK	75	0	21.62	21.63	21.50				
15	16QAM	1	0	21.86	22.04	21.99				
15	16QAM	1	37	21.97	22.04	21.99	23	1		
15	16QAM	1	74	21.95	21.88	22.08				
15	16QAM	36	0	20.60	20.77	20.89				
15	16QAM	36	20	20.48	20.72	20.69				
15	16QAM	36	39	20.49	20.59	20.73	22	2		
15	16QAM	75	0	20.73	20.76	20.76				
15	64QAM	1	0	20.45	20.62	20.55				
15	64QAM	1	37	20.69	20.78	20.44				
15	64QAM	1	74	20.46	20.65	20.79	21	3		
15	64QAM	36	0	19.81	19.64	19.69				
15	64QAM	36	20	19.47	19.78	19.75				
15	64QAM	36	39	19.63	19.52	19.73				
15	64QAM	75	0	19.68	19.55	19.86	19	5		
15	256QAM	1	0	17.62	17.78	17.75				
15	256QAM	1	37	17.60	17.64	17.39				
15	256QAM	1	74	17.60	17.60	17.67				
15	256QAM	36	0	17.55	17.76	17.51	19	5		
15	256QAM	36	20	17.67	17.60	17.58				
15	256QAM	36	39	17.59	17.81	17.61				
15	256QAM	75	0	17.76	17.59	17.77				
Channel				133172	133272	133322	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				686	676	682				
10	QPSK	1	0	22.53	22.71	22.61	24	0		
10	QPSK	1	25	22.58	22.57	22.52				
10	QPSK	1	49	22.48	22.53	22.52				
10	QPSK	25	0	21.75	21.82	21.62				
10	QPSK	25	12	21.69	21.66	21.74	23	1		
10	QPSK	25	25	21.61	21.68	21.65				
10	QPSK	50	0	21.59	21.67	21.61				
10	16QAM	1	0	21.83	22.01	21.92				
10	16QAM	1	25	22.03	22.02	22.06	23	1		
10	16QAM	1	49	21.89	21.97	22.06				
10	16QAM	25	0	20.81	20.78	20.66				
10	16QAM	25	12	20.46	20.64	20.66				
10	16QAM	25	25	20.51	20.57	20.66	22	2		
10	16QAM	50	0	20.76	20.75	20.72				
10	64QAM	1	0	20.43	20.63	20.54				
10	64QAM	1	25	20.62	20.76	20.49				
10	64QAM	1	49	20.44	20.58	20.63	21	3		
10	64QAM	25	0	19.63	19.68	19.60				
10	64QAM	25	12	19.05	19.81	19.82				
10	64QAM	25	25	19.60	19.54	19.82				
10	64QAM	50	0	19.72	19.54	19.82	19	5		
10	256QAM	1	0	17.62	17.77	17.74				
10	256QAM	1	25	17.57	17.69	17.49				
10	256QAM	1	49	17.50	17.62	17.83				
10	256QAM	25	0	17.58	17.65	17.51	19	5		
10	256QAM	25	12	17.73	17.55	17.62				
10	256QAM	25	25	17.64	17.79	17.65				
10	256QAM	50	0	17.63	17.65	17.77				
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				695.5	675.5	695.5				
5	QPSK	1	0	22.56	22.69	22.57	24	0		
5	QPSK	1	12	22.55	22.55	22.47				
5	QPSK	1	24	22.46	22.50	22.58				
5	QPSK	12	0	21.77	21.73	21.58				
5	QPSK	12	7	21.72	21.73	21.75	23	1		
5	QPSK	12	13	21.69	21.64	21.63				
5	QPSK	25	0	21.55	21.65	21.60				
5	16QAM	1	0	21.81	22.08	21.96				
5	16QAM	1	12	22.01	22.04	22.02	23	1		
5	16QAM	1	24	21.90	21.96	22.09				
5	16QAM	12	0	20.56	20.78	20.64				
5	16QAM	12	7	20.41	20.70	20.60				
5	16QAM	12	13	20.51	20.56	20.66	22	2		
5	16QAM	25	0	20.84	20.77	20.75				
5	64QAM	1	0	20.46	20.67	20.53				
5	64QAM	1	12	20.68	20.84	20.45				
5	64QAM	1	24	20.46	20.59	20.84	21	3		
5	64QAM	12	0	19.60	19.68	19.71				
5	64QAM	12	7	19.05	19.80	19.80				
5	64QAM	12	13	19.64	19.56	19.77				
5	64QAM	25	0	19.69	19.65	19.85	19	5		
5	256QAM	1	0	17.61	17.79	17.77				
5	256QAM	1	12	17.60	17.69	17.47				
5	256QAM	1	24	17.60	17.69	17.85				
5	256QAM	12	0	17.54	17.76	17.54	19	5		
5	256QAM	12	7	17.67	17.62	17.67	19	5		
5	256QAM	12	13	17.58	17.71	17.61				
5	256QAM	25	0	17.73	17.84	17.84				

Band 41 Ant1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel										24	0
Frequency (MHz)				39750	40165	40620	41055	41490			
20	QPSK	1	0	2506	2549.5	2593	2636.5	2680		23	1
20	QPSK	1	49	22.74	22.63	22.53	22.68	22.63			
20	QPSK	1	99	22.78	22.47	22.58	22.68	22.48		23	1
20	QPSK	50	0	21.79	21.78	21.93	21.82	21.69			
20	QPSK	50	24	21.76	21.55	21.85	21.54	21.57		22	2
20	QPSK	50	50	21.52	21.64	21.67	21.59	21.58			
20	QPSK	100	0	21.68	21.47	21.77	21.70	21.48		22	2
20	16QAM	1	0	21.79	21.55	21.74	21.69	21.47			
20	16QAM	1	49	21.83	21.57	21.62	21.57	21.45		23	1
20	16QAM	1	99	21.76	21.64	21.66	21.36	21.33			
20	16QAM	50	0	20.86	20.58	20.72	20.63	20.54		22	2
20	16QAM	50	24	20.73	20.57	20.76	20.59	20.59			
20	16QAM	50	50	20.70	20.53	20.68	20.48	20.60		22	2
20	16QAM	100	0	20.56	20.56	20.71	20.61	20.54			
20	64QAM	1	0	17.58	17.66	17.72	17.51	17.51		21	3
20	64QAM	1	49	20.63	20.54	20.72	20.41	20.49			
20	64QAM	1	99	20.65	20.45	20.70	20.41	20.43		21	3
20	64QAM	50	0	19.68	19.76	19.82	19.65	19.64			
20	64QAM	50	24	19.84	19.59	19.88	19.60	19.65		21	3
20	64QAM	50	50	19.87	19.58	19.79	19.54	19.44			
20	64QAM	100	0	19.73	19.52	19.72	19.48	19.51		19	5
20	256QAM	1	0	17.86	17.59	17.64	17.65	17.57			
20	256QAM	1	49	17.73	17.53	17.74	17.66	17.48		19	5
20	256QAM	1	99	17.52	17.60	17.68	17.45	17.45			
20	256QAM	50	0	17.73	17.70	17.79	17.72	17.59		19	5
20	256QAM	50	24	17.91	17.46	17.63	17.63	17.55			
20	256QAM	50	50	17.72	17.71	17.62	17.59	17.50		20	5
20	256QAM	100	0	17.58	17.66	17.72	17.51	17.51			
Channel				39725	41121	40520	41058	41515		24	0
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	22.75	22.63	22.83	22.54	22.65		23	1
15	QPSK	1	37	22.80	22.60	22.72	22.54	22.47			
15	QPSK	1	74	22.84	22.72	22.86	22.56	22.47		23	1
15	QPSK	36	0	21.70	21.73	21.84	21.61	21.62			
15	QPSK	36	20	21.82	21.69	21.79	21.66	21.65		22	2
15	QPSK	36	39	21.80	21.65	21.76	21.67	21.50			
15	16QAM	75	0	21.69	21.47	21.62	21.59	21.49		23	1
15	16QAM	1	0	21.93	21.53	21.75	21.66	21.48			
15	16QAM	1	37	21.87	21.58	21.63	21.44	21.46		22	2
15	16QAM	1	74	21.67	21.74	21.63	21.46	21.45			
15	16QAM	36	0	20.92	20.50	20.62	20.58	20.49		22	2
15	16QAM	36	20	20.74	20.54	20.65	20.59	20.56			
15	16QAM	36	39	20.68	20.51	20.60	20.56	20.53		22	2
15	16QAM	75	0	20.58	20.59	20.69	20.56	20.55			
15	64QAM	1	0	20.78	20.36	20.73	20.55	20.44		22	2
15	64QAM	1	37	20.69	20.48	20.61	20.31	20.49			
15	64QAM	1	74	20.75	20.48	20.55	20.52	20.41		21	3
15	64QAM	36	0	19.68	19.72	19.77	19.76	19.64			
15	64QAM	36	20	19.65	19.58	19.66	19.73	19.61		19	5
15	64QAM	36	39	19.78	19.49	19.65	19.67	19.49			
15	64QAM	75	0	19.74	19.64	19.72	19.67	19.51		19	5
15	256QAM	1	0	17.81	17.59	17.70	17.63	17.49			
15	256QAM	1	37	17.69	17.45	17.85	17.55	17.49		19	5
15	256QAM	1	74	17.58	17.64	17.76	17.53	17.48			
15	256QAM	36	0	17.84	17.57	17.67	17.79	17.69		19	5
15	256QAM	36	20	17.90	17.58	17.81	17.69	17.46			
15	256QAM	36	39	17.63	17.76	17.48	17.67	17.43		20	5
15	256QAM	75	0	17.58	17.57	17.59	17.60	17.41			
Channel				39700	40160	40620	41080	41540		24	0
Frequency (MHz)				2491	2541	2591	2641	2691			
10	QPSK	1	0	22.84	22.77	22.74	22.69	22.54		23	1
10	QPSK	1	25	22.86	22.56	22.63	22.73	22.50			
10	QPSK	1	49	22.58	22.67	22.72	22.46	22.46		23	1
10	QPSK	25	0	21.68	21.85	21.91	21.55	21.58			
10	QPSK	25	12	21.83	21.54	21.81	21.58	21.67		23	1
10	QPSK	50	0	21.69	21.54	21.76	21.67	21.45			
10	QPSK	50	0	21.68	21.53	21.66	21.54	21.48		23	1
10	16QAM	1	0	21.82	21.51	21.75	21.70	21.36			
10	16QAM	1	25	21.76	21.56	21.66	21.45	21.45		22	2
10	16QAM	1	49	21.79	21.59	21.65	21.53	21.37			
10	16QAM	25	0	20.80	20.56	20.74	20.66	20.47		22	2
10	16QAM	25	12	20.65	20.62	20.81	20.52	20.62			
10	16QAM	25	25	20.76	20.63	20.62	20.60	20.54		22	2
10	16QAM	50	0	20.61	20.46	20.72	20.64	20.42			
10	64QAM	1	0	20.76	20.35	20.65	20.47	20.52		22	2
10	64QAM	1	25	20.59	20.53	20.65	20.41	20.41			
10	64QAM	1	49	20.72	20.57	20.66	20.49	20.29		21	3
10	64QAM	25	0	19.81	19.70	19.86	19.67	19.67			
10	64QAM	25	12	19.71	19.58	19.67	19.55	19.70		19	5
10	64QAM	25	25	19.78	19.55	19.74	19.46	19.50			
10	64QAM	50	0	19.69	19.55	19.77	19.45	19.48		22	2
10	256QAM	1	0	17.74	17.65	17.79	17.72	17.56			
10	256QAM	1	25	17.74	17.43	17.84	17.66	17.50		22	2
10	256QAM	1	49	17.63	17.68	17.67	17.49	17.54			
10	256QAM	25	0	17.69	17.72	17.81	17.63	17.61		19	5
10	256QAM	25	12	17.92	17.50	17.70	17.58	17.57			
10	256QAM	25	25	17.74	17.79	17.68	17.51	17.55		20	5
10	256QAM	50	0	17.68	17.77	17.73	17.60	17.56			
Channel				39675	40148	40620	41093	41565		24	0
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	22.77	22.58	22.66	22.74	22.54		24	0
5	QPSK	1	12	22.84	22.47	22.63	22.56	22.45			
5	QPSK	1	24	22.72	22.59	22.61	22.52	22.54		23	1
5	QPSK	12	0	21.68	21.86	21.83	21.64	21.74			
5	QPSK	12	7	21.74	21.53	21.91	21.65	21.56		23	1
5	QPSK	12	19	21.73	21.57	21.69	21.61	21.51			
5	QPSK	25	0	21.63	21.59	21.67	21.60	21.39		23	1
5	16QAM	1	0	21.87	21.55	21.59	21.80	21.47			
5	16QAM	1	12	21.78	21.48	21.57	21.48	21.44		22	2
5	16QAM	1	24	21.71	21.66	21.59	21.67	21.46			
5	16QAM	12	0	20.94	20.58	20.77	20.69	20.55		22	2
5	16QAM	12	7	20.86	20.57	20.71	20.57	20.51			
5	16QAM	12	13	20.63	20.46	20.77	20.56	20.61		22	2
5	16QAM	25	0	20.54	20.58	20.73	20.58	20.51			
5	64QAM	1	0	20.61	20.32	20.70	20.41	20.46			

Band 71									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				673	683	688			
20	QPSK	1	0	22.50	22.75	22.57	24	0	
20	QPSK	1	49	22.59	22.59	22.44			
20	QPSK	1	99	22.52	22.52	22.56			
20	QPSK	50	0	21.68	21.76	21.55	23	1	
20	QPSK	50	24	21.71	21.69	21.73			
20	QPSK	50	50	21.61	21.67	21.68			
20	QPSK	100	0	21.54	21.75	21.51	23	1	
20	16QAM	1	0	21.86	22.05	21.96			
20	16QAM	1	49	22.01	22.06	22.05			
20	16QAM	1	99	21.90	21.89	22.15	22	2	
20	16QAM	50	0	20.55	20.80	20.70			
20	16QAM	50	24	20.44	20.72	20.67			
20	16QAM	50	50	20.56	20.61	20.86	22	2	
20	16QAM	100	0	20.84	20.69	20.76			
20	64QAM	1	0	20.48	20.64	20.57	22	2	
20	64QAM	1	49	20.69	20.74	20.48			
20	64QAM	1	99	20.43	20.57	20.85			
20	64QAM	50	0	19.56	19.61	19.63	21	3	
20	64QAM	50	24	19.48	19.77	19.73			
20	64QAM	50	50	19.62	19.59	19.76			
20	64QAM	100	0	19.62	19.58	19.81	19	5	
20	256QAM	1	0	17.62	17.69	17.82			
20	256QAM	1	49	17.55	17.64	17.47			
20	256QAM	1	99	17.57	17.63	17.84	19	5	
20	256QAM	50	0	17.60	17.69	17.59			
20	256QAM	50	24	17.69	17.58	17.57			
20	256QAM	50	50	17.62	17.81	17.64	19	5	
20	256QAM	100	0	17.79	17.64	17.81			
Channel				670.5	680.5	690.5	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				22.37	22.63	22.42 <td rowspan="3">24</td> <td rowspan="3">0</td> <td rowspan="3"></td>	24	0	
15	QPSK	1	37	22.44	22.54	22.31			
15	QPSK	1	74	22.39	22.40	22.42			
15	QPSK	36	0	21.53	21.70	21.50	23	1	
15	QPSK	36	20	21.57	21.59	21.64			
15	QPSK	36	39	21.51	21.56	21.62			
15	QPSK	75	0	21.49	21.67	21.45	23	1	
15	16QAM	1	0	21.76	21.59	21.84			
15	16QAM	1	37	21.94	22.00	21.98			
15	16QAM	1	74	21.79	21.78	22.04	22	2	
15	16QAM	36	0	20.48	20.68	20.59			
15	16QAM	36	20	20.34	20.60	20.66			
15	16QAM	36	39	20.43	20.51	20.59	22	2	
15	16QAM	75	0	20.73	20.55	20.63			
15	64QAM	1	0	20.38	20.55	20.52			
15	64QAM	1	37	20.61	20.64	20.40	22	2	
15	64QAM	1	74	20.31	20.43	20.75			
15	64QAM	36	0	19.51	19.49	19.56			
15	64QAM	36	20	19.40	19.65	19.64	22	3	
15	64QAM	36	39	19.47	19.44	19.65			
15	64QAM	75	0	19.56	19.52	19.74			
15	256QAM	1	0	17.49	17.55	17.67	19	5	
15	256QAM	1	37	17.40	17.57	17.35			
15	256QAM	1	74	17.47	17.55	17.70			
15	256QAM	36	0	17.48	17.56	17.45	19	5	
15	256QAM	36	20	17.65	17.52	17.52			
15	256QAM	36	39	17.47	17.76	17.56			
15	256QAM	75	0	17.64	17.56	17.72	Tune-up (dBm)	MPR (dB)	
Channel				133172	133272	133472	24	0	
Frequency (MHz)				668	678	693			
10	QPSK	1	0	22.37	22.68	22.47	24	0	
10	QPSK	1	25	22.48	22.46	22.29			
10	QPSK	1	49	22.47	22.40	22.42			
10	QPSK	25	0	21.59	21.66	21.41	23	1	
10	QPSK	25	12	21.65	21.59	21.66			
10	QPSK	25	25	21.46	21.59	21.56			
10	QPSK	50	0	21.41	21.68	21.38	23	1	
10	16QAM	1	0	21.71	21.97	21.80			
10	16QAM	1	25	21.92	21.94	21.98			
10	16QAM	1	49	21.85	21.80	22.07	22	2	
10	16QAM	25	0	20.40	20.70	20.66			
10	16QAM	25	12	20.37	20.63	20.60			
10	16QAM	25	25	20.48	20.48	20.51	22	2	
10	16QAM	50	0	20.72	20.62	20.73			
10	64QAM	1	0	20.44	20.51	20.44			
10	64QAM	1	25	20.59	20.68	20.44	22	2	
10	64QAM	1	49	20.32	20.47	20.70			
10	64QAM	25	0	19.47	19.50	19.54			
10	64QAM	25	12	19.43	19.68	19.61	21	3	
10	64QAM	25	25	19.55	19.49	19.64			
10	64QAM	50	0	19.46	19.48	19.68			
10	256QAM	1	0	17.51	17.59	17.76	19	5	
10	256QAM	1	25	17.41	17.59	17.38			
10	256QAM	1	49	17.53	17.58	17.77			
10	256QAM	25	0	17.54	17.60	17.37	19	5	
10	256QAM	25	12	17.62	17.54	17.47			
10	256QAM	25	25	17.48	17.72	17.52			
10	256QAM	50	0	17.54	17.51	17.66	Tune-up (dBm)	MPR (dB)	
Channel				133147	133247	133447	24	0	
Frequency (MHz)				665.5	675.5	695.5			
5	QPSK	1	0	22.45	22.69	22.51	24	0	
5	QPSK	1	12	22.47	22.52	22.32			
5	QPSK	1	24	22.48	22.41	22.51			
5	QPSK	12	0	21.61	21.63	21.39	23	1	
5	QPSK	12	7	21.64	21.57	21.57			
5	QPSK	12	13	21.56	21.52	21.61			
5	QPSK	25	0	21.39	21.61	21.45	23	1	
5	16QAM	1	0	21.78	21.92	21.81			
5	16QAM	1	12	21.86	21.99	21.91			
5	16QAM	1	24	21.83	21.78	22.06	22	2	
5	16QAM	12	0	20.48	20.67	20.59			
5	16QAM	12	7	20.37	20.64	20.58			
5	16QAM	12	13	20.42	20.48	20.62	22	2	
5	16QAM	25	0	20.76	20.59	20.86			
5	64QAM	1	0	20.43	20.51	20.47			
5	64QAM	1	12	20.57	20.64	20.44	22	2	
5	64QAM	1	24	20.38	20.46	20.80			
5	64QAM	12	0	19.49	19.56	19.47			
5	64QAM	12	7	19.41	19.66	19.62	21	3	
5	64QAM	12	13	19.47	19.49	19.69			
5	64QAM	25	0	19.56	19.54	19.69			
5	256QAM	1	0	17.48	17.60	17.68	19	5	
5	256QAM	1	12	17.44	17.55	17.40			
5	256QAM	1	24	17.49	17.49	17.73			
5	256QAM	12	0	17.53	17.60	17.37	19	5	
5	256QAM	12	7	17.56	17.48	17.43			
5	256QAM	12	13	17.51	17.68	17.56			
5	256QAM	25	0	17.73	17.54	17.68			

Reduced Power Mode for ECI 7

Ant 0

GSM850 Ant0		Burst Average Power (dBm)			Frame-Average Power (dBm)			Tuneup Limit
TX Channel		128	189	251	128		189	251
Frequency (MHz)		824.2	836.4	848.2	824.2		836.4	848.2
GPRS 3 Tx slots		27.21	27.22	27.06	26.90		24.21	24.06
								25.50

Band		WCDMA V Ant0			Tuneup Limit
TX Channel		4132	4182	4232	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99		RNC 12.2Mbps	22.51	22.53	22.38
					23.40

Band 5 Ant0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.33	22.43	22.31	24	0
10	QPSK	25	0	21.35	21.38	21.28		
10	QPSK	50	0	21.36	21.41	21.32	23	1

Band 2 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	19.40	19.71	19.57	20.7	0
20	QPSK	50	0	19.47	19.52	19.34	20.7	0
20	QPSK	100	0	19.41	19.45	19.36		

Band 2 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	14.97	15.13	15.05	16.6	0
20	QPSK	50	0	15.04	15.09	15.05	16.6	0
20	QPSK	100	0	14.95	15.05	14.99		

Band 26 for FCC

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	20.91	20.97	20.80	22	0
15	QPSK	36	0	20.87	20.95	20.91		
15	QPSK	75	0	20.86	20.87	20.82	22	0

Band 42 FCC Part27Q Ant5

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	14.99	15.05	14.94	16.1	0
20	QPSK	50	0	14.96	14.98	14.97	16.1	0
20	QPSK	100	0	14.87	14.98	14.95		

Ant 1

GSM1900 Ant1				Burst Average Power (dBm)				Frame-Average Power (dBm)			
TX Channel				512	661	810	Limit	512			
Frequency (MHz)				1850.2	1860	1869.8	(dBm)	1850.2			
GPRS 3 Tx slots				25.29	25.33	25.28		25.50	21.02	21.07	21.00
											22.24

Band				WCDMA I Ant1				Tune-up			
TX Channel				5282	9680	9538	Limit	Limit			
Rx Channel				9682	9680	9698	(dBm)	(dBm)			
Frequency (MHz)				1852.4	1850	1867.6					
3GPP Rel 99 RNC 12.2Mbps				19.95	20.04	19.92		21.00			

Band 26 for FCC Ant0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	22.53	22.54	22.45	24	0
15	QPSK	36	0	21.48	21.53	21.48		
15	QPSK	75	0	21.56	21.61	21.36	23	1

Band 7 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.32	18.50	18.32	19.4	0
20	QPSK	50	0	18.21	18.40	18.24		
20	QPSK	100	0	18.19	18.37	18.31	19.4	0

Band 5 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	20.80	21.01	20.84	22	0
10	QPSK	25	0	20.86	20.93	20.91		
10	QPSK	50	0	20.86	20.92	20.91	22	0

Band 38 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.07	18.15	17.98	19.7	0
20	QPSK	50	0	18.07	18.13	18.09		
20	QPSK	100	0	18.09	18.11	18.06	19.7	0

Band 38 Ant1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	21.02	21.10	21.13	22.9	0
20	QPSK	50	0	21.12	21.14	21.11	22.9	0
20	QPSK	100	0	21.05	21.11	21.09		

Band 7 Ant4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	15.52	15.66	15.50	16.9	0
20	QPSK	50	0	15.55	15.66	15.59		
20	QPSK	100	0	15.48	15.56	15.52	16.9	0

Band 71											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				133222	133322	133372					
Frequency (MHz)				673	683	688					
20	QPSK	1	0	22.63	22.82	22.66	24	0			
20	QPSK	1	49	22.70	22.69	22.57					
20	QPSK	1	99	22.59	22.63	22.65					
20	QPSK	50	0	21.81	21.87	21.68					
20	QPSK	50	24	21.76	21.80	21.79	23	1			
20	QPSK	50	50	21.77	21.77	21.78					
20	QPSK	100	0	21.70	21.79	21.65					
20	16QAM	1	0	21.97	22.12	22.05					
20	16QAM	1	49	22.09	22.15	22.11	23	1			
20	16QAM	1	99	21.99	22.02	22.21					
20	16QAM	50	0	20.66	20.85	20.77					
20	16QAM	50	24	20.58	20.79	20.74					
20	16QAM	50	50	20.65	20.71	20.77	22	2			
20	16QAM	100	0	20.89	20.82	20.84					
20	64QAM	1	0	20.53	20.71	20.66					
20	64QAM	1	49	20.76	20.88	20.55					
20	64QAM	1	99	20.53	20.72	20.93	21	3			
20	64QAM	50	0	19.70	19.75	19.76					
20	64QAM	50	24	19.61	19.90	19.87					
20	64QAM	50	50	19.74	19.67	19.85					
20	64QAM	100	0	19.78	19.69	19.93	22	2			
20	256QAM	1	0	17.72	17.84	17.88					
20	256QAM	1	49	17.65	17.74	17.55					
20	256QAM	1	99	17.86	17.73	17.91					
20	256QAM	50	0	17.68	17.81	17.84	19	5			
20	256QAM	50	24	17.81	17.69	17.72					
20	256QAM	50	50	17.71	17.86	17.69					
20	256QAM	100	0	17.88	17.70	17.90					
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	0	22.48	22.73	22.52	24	0			
15	QPSK	1	37	22.35	22.62	22.49					
15	QPSK	1	74	22.32	22.54	22.60					
15	QPSK	36	0	21.65	21.82	21.60					
15	QPSK	36	20	21.64	21.67	21.74	23	1			
15	QPSK	36	39	21.65	21.70	21.71					
15	QPSK	75	0	21.62	21.63	21.50					
15	16QAM	1	0	21.86	22.04	21.99					
15	16QAM	1	37	21.97	22.04	21.99	23	1			
15	16QAM	1	74	21.95	21.88	22.08					
15	16QAM	36	0	20.60	20.77	20.89					
15	16QAM	36	20	20.48	20.72	20.69					
15	16QAM	36	39	20.49	20.59	20.73	22	2			
15	16QAM	75	0	20.73	20.76	20.76					
15	64QAM	1	0	20.45	20.62	20.55					
15	64QAM	1	37	20.69	20.78	20.44					
15	64QAM	1	74	20.46	20.65	20.79	22	2			
15	64QAM	36	0	19.81	19.64	19.69					
15	64QAM	36	20	19.47	19.78	19.78					
15	64QAM	36	39	19.63	19.52	19.73					
15	64QAM	75	0	19.68	19.55	19.86	19	3			
15	256QAM	1	0	17.62	17.78	17.75					
15	256QAM	1	37	17.60	17.64	17.39					
15	256QAM	1	74	17.60	17.60	17.67					
15	256QAM	36	0	17.55	17.76	17.51	19	5			
15	256QAM	36	20	17.67	17.60	17.58					
15	256QAM	36	39	17.59	17.81	17.61					
15	256QAM	75	0	17.76	17.59	17.77					
Channel				133172	133272	133372	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				686	693	693					
10	QPSK	1	0	22.53	22.71	22.61	24	0			
10	QPSK	1	25	22.58	22.57	22.52					
10	QPSK	1	49	22.48	22.53	22.52					
10	QPSK	25	0	21.75	21.82	21.62					
10	QPSK	25	12	21.69	21.66	21.74	23	1			
10	QPSK	25	25	21.61	21.68	21.65					
10	QPSK	50	0	21.59	21.67	21.61					
10	16QAM	1	0	21.83	22.01	21.92					
10	16QAM	1	25	22.03	22.02	22.06	23	1			
10	16QAM	1	49	21.89	21.97	22.06					
10	16QAM	25	0	20.61	20.78	20.66					
10	16QAM	25	12	20.46	20.64	20.66					
10	16QAM	25	25	20.51	20.57	20.66	22	2			
10	16QAM	50	0	20.76	20.75	20.72					
10	64QAM	1	0	20.43	20.63	20.54					
10	64QAM	1	25	20.62	20.76	20.49					
10	64QAM	1	49	20.44	20.58	20.63	21	3			
10	64QAM	25	0	19.63	19.68	19.60					
10	64QAM	25	12	19.55	19.81	19.82					
10	64QAM	25	25	19.60	19.54	19.75					
10	64QAM	50	0	19.72	19.54	19.82	22	2			
10	256QAM	1	0	17.62	17.77	17.74					
10	256QAM	1	25	17.57	17.69	17.49					
10	256QAM	1	49	17.50	17.62	17.63					
10	256QAM	25	0	17.58	17.65	17.51	19	5			
10	256QAM	25	12	17.73	17.55	17.62					
10	256QAM	25	25	17.64	17.79	17.65					
10	256QAM	50	0	17.63	17.65	17.77					
Channel				133147	133247	133447	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				695.5	675.5	695.5					
5	QPSK	1	0	22.56	22.69	22.57	24	0			
5	QPSK	1	12	22.55	22.55	22.47					
5	QPSK	1	24	22.46	22.50	22.58					
5	QPSK	12	0	21.77	21.73	21.58					
5	QPSK	12	7	21.72	21.73	21.75	23	1			
5	QPSK	12	13	21.99	21.84	21.63					
5	QPSK	25	0	21.55	21.65	21.60					
5	16QAM	1	0	21.81	22.08	21.96					
5	16QAM	1	12	22.01	22.04	22.02	23	1			
5	16QAM	1	24	21.90	21.96	22.09					
5	16QAM	12	0	20.56	20.78	20.64					
5	16QAM	12	7	20.41	20.70	20.60					
5	16QAM	12	13	20.51	20.56	20.66	22	2			
5	16QAM	25	0	20.84	20.77	20.75					
5	64QAM	1	0	20.46	20.67	20.53					
5	64QAM	1	12	20.68	20.84	20.45					
5	64QAM	1	24	20.46	20.59	20.84	21	3			
5	64QAM	12	0	19.60	19.68	19.71					
5	64QAM	12	7	19.55	19.80	19.80					
5	64QAM	12	13	19.64	19.56	19.77					
5	64QAM	25	0	19.69	19.65	19.85	19	5			
5	256QAM	1	0	17.61	17.79	17.77					
5	256QAM	1	12	17.60	17.69	17.47					
5	256QAM	1	24	17.60	17.69	17.85					
5	256QAM	12	0	17.54	17.76	17.54	19	5			
5	256QAM	12	7	17.67	17.62	17.67					
5	256QAM	12	13	17.58	17.71	17.61					
5	256QAM	25	0	17.73	17.64	17.84					

Band 71										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				133222	133322	133322	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				673	683	688				
20	QPSK	1	0	22.50	22.75	22.57	24	0		
20	QPSK	1	49	22.59	22.59	22.44				
20	QPSK	1	99	22.52	22.52	22.56				
20	QPSK	50	0	21.68	21.73	21.55				
20	QPSK	50	24	21.71	21.69	21.73	23	1		
20	QPSK	50	50	21.61	21.67	21.68				
20	QPSK	100	0	21.54	21.75	21.51				
20	16QAM	1	0	21.86	22.05	21.96				
20	16QAM	1	49	22.01	22.08	22.06	23	1		
20	16QAM	1	99	21.90	21.89	22.15				
20	16QAM	50	0	20.55	20.80	20.70				
20	16QAM	50	24	20.44	20.72	20.67				
20	16QAM	50	50	20.56	20.61	20.86	22	2		
20	16QAM	100	0	20.84	20.69	20.76				
20	64QAM	1	0	20.48	20.64	20.57				
20	64QAM	1	49	20.69	20.74	20.48				
20	64QAM	1	99	20.43	20.57	20.85	21	3		
20	64QAM	50	0	19.56	19.61	19.63				
20	64QAM	50	24	19.48	19.77	19.73				
20	64QAM	50	50	19.62	19.58	19.76				
20	256QAM	100	0	19.62	19.58	19.81	19	5		
20	256QAM	1	0	17.62	17.69	17.82				
20	256QAM	1	49	17.55	17.64	17.47				
20	256QAM	1	99	17.57	17.63	17.84				
20	256QAM	50	0	17.60	17.69	17.59	19	5		
20	256QAM	50	24	17.69	17.58	17.57				
20	256QAM	50	50	17.62	17.81	17.64				
20	256QAM	100	0	17.79	17.64	17.81				
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	0	22.37	22.63	22.42	24	0		
15	QPSK	1	37	22.44	22.54	22.31				
15	QPSK	1	74	22.39	22.40	22.42				
15	QPSK	36	0	21.53	21.70	21.50				
15	QPSK	36	20	21.57	21.59	21.64	23	1		
15	QPSK	36	39	21.51	21.56	21.62				
15	QPSK	75	0	21.49	21.67	21.45				
15	16QAM	1	0	21.76	21.59	21.84				
15	16QAM	1	37	21.94	22.00	21.98	23	1		
15	16QAM	1	74	21.79	21.78	22.04				
15	16QAM	36	0	20.48	20.68	20.59				
15	16QAM	36	20	20.34	20.60	20.66				
15	16QAM	36	39	20.43	20.51	20.59	22	2		
15	16QAM	75	0	20.73	20.55	20.63				
15	64QAM	1	0	20.38	20.55	20.52				
15	64QAM	1	37	20.61	20.64	20.40				
15	64QAM	1	74	20.31	20.43	20.75	21	3		
15	64QAM	36	0	19.51	19.49	19.56				
15	64QAM	36	20	19.40	19.65	19.64				
15	64QAM	36	39	19.47	19.44	19.65				
15	64QAM	75	0	19.56	19.52	19.74	19	5		
15	256QAM	1	0	17.49	17.55	17.67				
15	256QAM	1	37	17.40	17.57	17.35				
15	256QAM	1	74	17.47	17.55	17.70				
15	256QAM	36	0	17.48	17.56	17.45	19	5		
15	256QAM	36	20	17.65	17.52	17.52				
15	256QAM	36	39	17.47	17.76	17.56				
15	256QAM	75	0	17.64	17.56	17.72				
Channel				133172	133272	133372	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				686	670	692				
10	QPSK	1	0	22.37	22.69	22.47	24	0		
10	QPSK	1	25	22.48	22.46	22.29				
10	QPSK	1	49	22.47	22.40	22.42				
10	QPSK	25	0	21.59	21.66	21.41				
10	QPSK	25	12	21.65	21.59	21.66	23	1		
10	QPSK	25	25	21.46	21.59	21.56				
10	QPSK	50	0	21.41	21.68	21.38				
10	16QAM	1	0	21.71	21.97	21.80				
10	16QAM	1	25	21.62	21.94	21.96	23	1		
10	16QAM	1	49	21.85	21.80	22.07				
10	16QAM	25	0	20.40	20.70	20.66				
10	16QAM	25	12	20.37	20.63	20.60				
10	16QAM	25	25	20.48	20.48	20.51	22	2		
10	16QAM	50	0	20.72	20.62	20.73				
10	64QAM	1	0	20.44	20.51	20.44				
10	64QAM	1	25	20.59	20.68	20.44				
10	64QAM	1	49	20.32	20.47	20.70	21	3		
10	64QAM	25	0	19.47	19.50	19.54				
10	64QAM	25	12	19.43	19.68	19.61				
10	64QAM	25	25	19.55	19.49	19.64				
10	64QAM	50	0	19.46	19.48	19.68	19	5		
10	256QAM	1	0	17.51	17.59	17.76				
10	256QAM	1	25	17.41	17.59	17.38				
10	256QAM	1	49	17.53	17.58	17.77				
10	256QAM	25	0	17.54	17.60	17.37	19	5		
10	256QAM	25	12	17.62	17.54	17.47				
10	256QAM	25	25	17.48	17.72	17.52				
10	256QAM	50	0	17.54	17.51	17.66				
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				695.5	675.5	695.5				
5	QPSK	1	0	22.45	22.69	22.51	24	0		
5	QPSK	1	12	22.47	22.52	22.32				
5	QPSK	1	24	22.48	22.41	22.51				
5	QPSK	12	0	21.61	21.63	21.39				
5	QPSK	12	7	21.64	21.57	21.57	23	1		
5	QPSK	12	13	21.56	21.52	21.61				
5	QPSK	25	0	21.39	21.61	21.45				
5	16QAM	1	0	21.78	21.92	21.81				
5	16QAM	1	12	21.86	21.99	21.91	23	1		
5	16QAM	1	24	21.83	21.78	22.06				
5	16QAM	12	0	20.48	20.67	20.59				
5	16QAM	12	7	20.37	20.64	20.58				
5	16QAM	12	13	20.42	20.48	20.62	22	2		
5	16QAM	25	0	20.76	20.59	20.86				
5	64QAM	1	0	20.43	20.51	20.47				
5	64QAM	1	12	20.57	20.64	20.44				
5	64QAM	1	24	20.38	20.46	20.80	21	3		
5	64QAM	12	0	19.49	19.56	19.47				
5	64QAM	12	7	19.41	19.66	19.62				
5	64QAM	12	13	19.47	19.49	19.69				
5	256QAM	25	0	19.56	19.54	19.69	19	5		
5	256QAM	1	0	17.48	17.60	17.68				
5	256QAM	1	12	17.44	17.55	17.40				
5	256QAM	1	24	17.49	17.49	17.73				
5	256QAM	12	0	17.53	17.60	17.37	19	5		
5	256QAM	12	7	17.56	17.48	17.43				
5	256QAM	12	13	17.51	17.68	17.56				
5	256QAM	25	0	17.73	17.54	17.68				

Full&Default Power Mode for Other PA

Band 2 Ant1								
BW (MHz)	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	1860	1900		
20	QPSK	1	0	22.69	22.97	22.80	24	0
20	QPSK	50	0	22.50	22.73	22.55	24	0
20	QPSK	100	0	22.48	22.50	22.38		

Band 38 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37600	38000	38150		
Frequency (MHz)				2580	2585	2590		
20	QPSK	1	0	22.56	22.70	22.66	24	0
20	QPSK	50	0	22.58	22.69	22.60	24	0
20	QPSK	100	0	22.38	22.61	22.37		

Band 7 Ant1								
BW (MHz)	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)				2080	2080	2090		
20	QPSK	1	0	22.74	22.94	22.86	24	0
20	QPSK	50	0	22.69	22.83	22.63	24	0
20	QPSK	100	0	22.46	22.58	22.56		

Reduced Power Mode for Other PA ECI 2

Band 2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				19700	19900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.84	23.07	22.98	24	0	
20	QPSK	1	49	22.86	22.95	22.95			
20	QPSK	1	99	22.81	22.94	22.76			
20	QPSK	50	0	22.65	22.87	22.73	24	0	
20	QPSK	50	24	22.67	22.80	22.67			
20	QPSK	50	50	22.75	22.81	22.70			
20	QPSK	100	0	22.58	22.65	22.48			

Band 38 Ant1									
BW [MHz]	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)				2260 <td>2280</td> <td>2295</td> <td colspan="3"></td>	2280	2295			
20	QPSK	1	0	22.67	22.82	22.75	24	0	
20	QPSK	1	49	22.75	22.72	22.80			
20	QPSK	1	99	22.85	22.71	22.70			
20	QPSK	50	0	22.65	22.82	22.64	24	0	
20	QPSK	50	24	22.59	22.72	22.65			
20	QPSK	50	50	22.60	22.75	22.49			
20	QPSK	100	0	22.50	22.63	22.41			

Band 7 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20650	21100	21550			
Frequency (MHz)				2010	2035	2060			
20	QPSK	1	0	22.88	23.06	22.96	24	0	
20	QPSK	1	49	22.89	22.93	22.89			
20	QPSK	1	99	22.81	22.91	22.76			
20	QPSK	50	0	22.80	22.97	22.76	24	0	
20	QPSK	50	24	22.72	22.73	22.65			
20	QPSK	50	50	22.80	22.78	22.68			
20	QPSK	100	0	22.57	22.75	22.63			

Band 38 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37650	38000	38150			
Frequency (MHz)				2580	2595	2590			
20	QPSK	1	0	22.67	22.82	22.75	24	0	
20	QPSK	1	49	22.75	22.72	22.80			
20	QPSK	1	99	22.66	22.72	22.70			
20	QPSK	50	0	22.65	22.82	22.64	24	0	
20	QPSK	50	24	22.59	22.72	22.65			
20	QPSK	50	50	22.65	22.65	22.69			
20	QPSK	100	0	22.50	22.63	22.41			

Band 41 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Middle Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40165	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.66	22.69	22.69	22.61	22.69	24	0
20	QPSK	1	49	22.61	22.71	22.81	22.82	22.71		
20	QPSK	1	99	22.59	22.72	22.70	22.67	22.52	24	0
20	QPSK	50	0	22.56	22.56	22.85	22.71	22.53		
20	QPSK	50	24	22.50	22.63	22.61	22.68	22.43		
20	QPSK	50	50	22.51	22.54	22.61	22.55	22.42		
20	QPSK	100	0	22.49	22.39	22.69	22.36	22.25	24	0
20	16QAM	1	0	22.52	22.52	22.66	22.69	22.62		
20	16QAM	1	49	22.47	22.55	22.54	22.55	22.52		
20	16QAM	1	99	22.43	22.56	22.52	22.63	22.44		
20	16QAM	50	0	21.53	21.51	21.91	21.69	21.46	23	1
20	16QAM	50	24	21.43	21.62	21.66	21.73	21.48		
20	16QAM	50	50	21.45	21.51	21.60	21.53	21.47		
20	16QAM	100	0	21.46	21.33	21.65	21.36	21.29		
20	64QAM	1	0	21.57	21.46	21.73	21.73	21.57	23	1
20	64QAM	1	49	21.53	21.51	21.50	21.50	21.46		
20	64QAM	1	99	21.42	21.65	21.44	21.67	21.37		
20	64QAM	50	0	20.58	20.55	20.81	20.77	20.47		
20	64QAM	50	24	20.42	20.69	20.64	20.67	20.48	22	2
20	64QAM	50	50	20.51	20.54	20.69	20.53	20.44		
20	64QAM	100	0	20.47	20.35	20.73	20.42	20.25		
20	256QAM	1	0	18.59	18.54	18.81	18.66	18.46	20	4
20	256QAM	1	49	18.49	18.57	18.55	18.63	18.44		
20	256QAM	1	99	18.56	18.51	18.60	18.49	18.35		
20	256QAM	50	0	18.42	18.39	18.62	18.42	18.29		
20	256QAM	50	24	18.48	18.57	18.73	18.64	18.66	20	4
20	256QAM	50	50	18.43	18.60	18.45	18.49	18.49		
20	256QAM	100	0	18.36	18.64	18.47	18.56	18.44		
Channel				37725	41173	40620	41055	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5		
15	QPSK	1	0	22.52	22.62	22.64	22.68	22.56		
15	QPSK	1	37	22.48	22.54	22.77	22.78	22.57	24	0
15	QPSK	1	74	22.44	22.69	22.62	22.61	22.36		
15	QPSK	36	0	22.39	22.48	22.73	22.53	22.36	24	0
15	QPSK	36	20	22.39	22.59	22.47	22.63	22.40		
15	QPSK	36	39	22.42	22.50	22.44	22.43	22.26		
15	QPSK	75	0	22.32	22.25	22.62	22.44	22.19		
15	16QAM	1	0	22.34	22.49	22.56	22.53	22.57	24	0
15	16QAM	1	37	22.40	22.42	22.51	22.47	22.47		
15	16QAM	1	74	22.36	22.49	22.41	22.51	22.30		
15	16QAM	36	0	21.35	21.41	21.74	21.55	21.35		
15	16QAM	36	20	21.31	21.50	21.53	21.66	21.40	23	1
15	16QAM	36	39	21.40	21.41	21.58	21.47	21.41		
15	16QAM	75	0	21.40	21.21	21.61	21.28	21.24		
15	64QAM	1	0	21.55	21.37	21.69	21.60	21.47		
15	64QAM	1	37	21.42	21.40	21.34	21.40	21.40	23	1
15	64QAM	1	74	21.34	21.48	21.34	21.61	21.33		
15	64QAM	36	0	20.52	20.41	20.72	20.69	20.39		
15	64QAM	36	20	20.33	20.52	20.48	20.53	20.40		
15	64QAM	36	39	20.34	20.46	20.60	20.39	20.32	22	2
15	64QAM	75	0	20.32	20.27	20.66	20.27	20.18		
15	256QAM	1	0	18.44	18.45	18.76	18.63	18.39		
15	256QAM	1	37	18.32	18.46	18.50	18.48	18.31		
15	256QAM	1	74	18.47	18.33	18.42	18.40	18.33	20	4
15	256QAM	36	0	18.31	18.26	18.49	18.29	18.19		
15	256QAM	36	20	18.38	18.48	18.61	18.58	18.54		
15	256QAM	36	39	18.26	18.48	18.34	18.34	18.43		
15	256QAM	75	0	18.25	18.52	18.39	18.49	18.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				24901	25471	25991	26499	26985		
10	QPSK	1	0	22.63	22.55	22.75	22.71	22.64	24	0
10	QPSK	1	25	22.56	22.60	22.76	22.68	22.55		
10	QPSK	1	49	22.56	22.61	22.60	22.54	22.34	24	0
10	QPSK	25	0	22.49	22.51	22.80	22.58	22.37		
10	QPSK	25	12	22.45	22.54	22.49	22.56	22.38		
10	QPSK	25	25	22.47	22.49	22.49	22.52	22.47		
10	QPSK	50	0	22.45	22.30	22.56	22.27	22.19	24	0
10	16QAM	1	0	22.45	22.47	22.61	22.54	22.53		
10	16QAM	1	25	22.44	22.38	22.49	22.36	22.36		
10	16QAM	1	49	22.27	22.44	22.43	22.60	22.32		
10	16QAM	25	0	21.35	21.46	21.83	21.53	21.34	23	1
10	16QAM	25	12	21.36	21.44	21.55	21.61	21.36		
10	16QAM	25	25	21.46	21.42	21.46	21.37	21.41		
10	16QAM	50	0	21.37	21.20	21.51	21.26	21.16		
10	64QAM	1	0	21.54	21.41	21.65	21.70	21.51	23	1
10	64QAM	1	25	21.47	21.48	21.37	21.37	21.36		
10	64QAM	1	49	21.35	21.54	21.31	21.65	21.26		
10	64QAM	25	0	20.51	20.53	20.69	20.71	20.39		
10	64QAM	25	12	20.29	20.57	20.55	20.55	20.37	22	2
10	64QAM	25	25	20.48	20.46	20.58	20.47	20.28		
10	64QAM	50	0	20.38	20.24	20.57	20.33	20.13		
10	256QAM	1	0	18.49	18.47	18.66	18.52	18.29		
10	256QAM	1	25	18.34	18.53	18.41	18.50	18.28	20	4
10	256QAM	1	49	18.43	18.42	18.51	18.32	18.22		
10	256QAM	25	0	18.31	18.25	18.51	18.28	18.24		
10	256QAM	25	12	18.37	18.49	18.68	18.54	18.58		
10	256QAM	25	25	18.36	18.55	18.32	18.32	18.34	20	4
10	256QAM	50	0	18.25	18.54	18.35	18.52	18.34		
Channel				39875	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.50	22.64	22.67	22.72	22.63		
5	QPSK	1	12	22.50	22.68	22.76	22.72	22.64	24	0
5	QPSK	1	24	22.49	22.60	22.52	22.63	22.38		
5	QPSK	12	0	22.43	22.48	22.79	22.63	22.43	24	0
5	QPSK	12	7	22.38	22.55	22.48	22.62	22.29		
5	QPSK	12	18	22.39	22.48	22.45	22.62	22.33		
5	QPSK	25	0	22.33	22.34	22.66	22.28	22.28		
5	16QAM	1	0	22.48	22.47	22.61	22.60	22.58	24	0
5	16QAM	1	12	22.32	22.47	22.47	22.45	22.35		
5	16QAM	1	24	22.32	22.50	22.46	22.47	22.35		
5	16QAM	12	0	21.51	21.36	21.61	21.56	21.44		
5	16QAM	12	7	21.36	21.51	21.60	21.57	21.39	23	1
5	16QAM	12	13	21.38	21.40	21.51	21.40	21.36		
5	16QAM	25	0	21.34	21.26	21.52	21.30	21.26		
5	64QAM	1	0	21.45	21.42	21.61	21.63	21.41		
5	64QAM	1	12	21.40	21.47	21.38	21.46	21.37	23	1
5	64QAM	1	24	21.24	21.51	21.26	21.57	21.23		
5	64QAM	12	0	20.55	20.48	20.67	20.70	20.29		
5	64QAM	12	7	20.24	20.61	20.47	20.51	20.40		
5	64QAM	12	13	20.38	20.46	20.54	20.51	20.37	22	2
5	64QAM	25	0	20.34	20.19	20.55	20.38	20.15		
5	256QAM	1	0	18.47	18.41	18.68	18.50	18.44		
5	256QAM	1	12	18.36	18.43	18.42	18.47	18.34		

Reduced Power Mode for Other PA EC13

Band 2 Ant1								
BW [MHz]	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)				1890	1890	1900		
20	QPSK	1	0	20.56	20.81	20.58	21.8	0
20	QPSK	50	0	20.49	20.64	20.51	21.8	0
20	QPSK	100	0	20.47	20.51	20.38	21.8	0

Band 7 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20650	21100	21550		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.15	18.46	18.09	19.6	0
20	QPSK	50	0	18.28	18.46	18.32	19.6	0
20	QPSK	100	0	18.21	18.25	18.11	19.6	0

Band 38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37550	38000	38450		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.94	22.96	22.84	24	0
20	QPSK	50	0	21.83	21.92	21.63	23	1
20	QPSK	100	0	21.71	21.90	21.66	23	1

Reduced Power Mode for Other PA EC16

Band 2 Ant1									
BW [MHz]	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	21.40	21.52	21.44	22.8	0	
20	QPSK	50	0	21.37	21.51	21.30	22.8	0	
20	QPSK	100	0	21.32	21.46	21.38			

Band 38 Ant1									
BW [MHz]	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)				2280	2295	2310			
20	QPSK	1	0	22.77	22.88	22.62	24	0	
20	QPSK	50	0	21.73	21.89	21.68	23	1	
20	QPSK	100	0	21.65	21.67	21.68			

Band 38 Ant1								
BW [MHz]	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	22.77	22.88	22.82	24	0
20	QPSK	50	0	21.73	21.82	21.68	23	
20	QPSK	100	0	21.65	21.67	21.58		

Band 7 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20650	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.31	20.38	20.14	21.4	0	
20	QPSK	50	0	20.28	20.32	20.16	21.4		
20	QPSK	100	0	20.26	20.30	20.23			

Band 41 Ant1														
BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch / Freq	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				39790	39790	40165	40620	41065	41490					
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680					
20	QPSK	1	0	22.48	22.52	22.88	22.77	22.85	22.52	24	0			
20	QPSK	1	49	22.70	22.51	22.88	22.76	22.87	22.61					
20	QPSK	1	99	22.38	22.44	22.56	22.59	22.55	22.41	24	0			
20	QPSK	50	0	22.37	22.39	22.46	22.76	22.54	22.36					
20	QPSK	50	24	22.46	22.43	22.60	22.52	22.57	22.31					
20	QPSK	50	50	22.69	22.49	22.42	22.57	22.41	22.34					
20	QPSK	100	0	22.37	22.35	22.33	22.63	22.38	22.14	24	0			
20	16QAM	1	0	22.40	22.43	22.41	22.57	22.52	22.49					
20	16QAM	1	49	22.41	22.39	22.39	22.44	22.42	22.45					
20	16QAM	1	99	22.63	22.49	22.41	22.37	22.52	22.42					
20	16QAM	50	0	21.27	21.48	21.38	21.73	21.62	21.29	23	1			
20	16QAM	50	24	21.51	21.25	21.55	21.52	21.63	21.46					
20	16QAM	50	50	21.30	21.41	21.40	21.56	21.40	21.37					
20	16QAM	100	0	21.28	21.38	21.21	21.61	21.28	21.16					
20	64QAM	1	0	21.24	21.46	21.32	21.63	21.59	21.41	23	1			
20	64QAM	1	49	21.52	21.39	21.35	21.47	21.40	21.32					
20	64QAM	1	99	21.31	21.32	21.56	21.34	21.52	21.30					
20	64QAM	50	0	20.35	20.45	20.52	20.77	20.73	20.40					
20	256QAM	80	24	20.43	20.30	20.54	20.54	20.80	20.37	22	2			
20	256QAM	50	50	20.38	20.45	20.42	20.51	20.35	20.40					
20	256QAM	100	0	20.27	20.38	20.20	20.67	20.25	20.19					
20	256QAM	1	0	18.34	18.52	18.39	18.71	18.60	18.44					
20	256QAM	1	49	18.35	18.40	18.47	18.43	18.49	18.27	20	4			
20	256QAM	1	99	18.40	18.39	18.41	18.43	18.44	18.25					
20	256QAM	50	0	18.37	18.30	18.27	18.54	18.31	18.22					
20	256QAM	50	24	18.52	18.41	18.40	18.64	18.51	18.53					
20	256QAM	50	50	18.44	18.34	18.48	18.42	18.43	18.42	20	4			
20	256QAM	100	0	18.47	18.27	18.59	18.34	18.40	18.38					
Channel				39795	39795	41191	40620	41065	41515					
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.5	2682.5					
15	QPSK	1	0	22.36	22.46	22.44	22.58	22.58	22.40	24	0			
15	QPSK	1	37	22.49	22.33	22.42	22.61	22.69	22.43					
15	QPSK	1	74	22.32	22.36	22.53	22.53	22.50	22.23	24	0			
15	QPSK	36	0	22.18	22.22	22.31	22.67	22.40	22.25					
15	QPSK	36	20	22.24	22.36	22.54	22.32	22.50	22.31					
15	QPSK	36	39	22.39	22.31	22.39	22.31	22.37	22.23					
15	QPSK	75	0	22.24	22.25	22.19	22.51	22.38	22.03	24	0			
15	16QAM	1	0	22.27	22.23	22.38	22.41	22.46	22.42					
15	16QAM	1	37	22.41	22.37	22.26	22.45	22.31	22.43					
15	16QAM	1	74	22.33	22.18	22.35	22.31	22.47	22.27					
15	16QAM	36	0	21.24	21.19	21.30	21.69	21.46	21.28	23	1			
15	16QAM	36	20	21.41	21.19	21.39	21.42	21.62	21.35					
15	16QAM	36	39	21.30	21.37	21.28	21.48	21.34	21.38					
15	16QAM	75	0	21.31	21.30	21.05	21.50	21.13	21.13					
15	64QAM	1	0	21.28	21.38	21.34	21.54	21.46	21.37	23	1			
15	64QAM	1	37	21.38	21.28	21.35	21.22	21.27	21.25					
15	64QAM	1	74	21.18	21.20	21.32	21.31	21.50	21.24					
15	64QAM	36	0	20.16	20.37	20.33	20.55	20.54	20.21					
15	64QAM	36	20	20.29	20.17	20.41	20.46	20.48	20.26	22	2			
15	64QAM	36	39	20.38	20.25	20.28	20.48	20.29	20.21					
15	64QAM	75	0	20.22	20.22	20.22	20.66	20.21	20.22					
15	256QAM	1	0	18.25	18.28	18.38	18.61	18.55	18.26					
15	256QAM	1	37	18.29	18.29	18.42	18.48	18.45	18.21	20	4			
15	256QAM	1	74	18.29	18.44	18.30	18.25	18.26	18.16					
15	256QAM	36	0	18.23	18.16	18.11	18.31	18.23	18.09					
15	256QAM	36	20	18.38	18.34	18.42	18.45	18.43	18.52					
15	256QAM	36	39	18.38	18.21	18.36	18.23	18.22	18.25	20	4			
15	256QAM	75	0	18.25	18.22	18.47	18.37	18.41	18.33					
Channel				39740	39700	40160	40620	41060	41540					
Frequency (MHz)				2465	2461	2547	2591	2639	2685					
10	QPSK	1	0	22.36	22.44	22.54	22.52	22.52	22.38	24	0			
10	QPSK	1	25	22.53	22.40	22.43	22.60	22.65	22.55					
10	QPSK	1	49	22.39	22.41	22.54	22.57	22.59	22.27	24	0			
10	QPSK	25	0	22.21	22.34	22.42	22.57	22.47	22.22					
10	QPSK	25	12	22.32	22.25	22.57	22.38	22.47	22.32					
10	QPSK	25	25	22.42	22.30	22.33	22.40	22.27	22.12					
10	QPSK	50	0	22.18	22.17	22.14	22.57	22.17	22.16	24	0			
10	16QAM	1	0	22.21	22.28	22.37	22.39	22.35	22.46					
10	16QAM	1	25	22.44	22.27	22.37	22.38	22.30	22.39					
10	16QAM	1	49	22.22	22.27	22.42	22.25	22.39	22.20					
10	16QAM	25	0	21.22	21.32	21.28	21.67	21.43	21.29	23	1			
10	16QAM	25	12	21.28	21.18	21.44	21.43	21.54	21.29					
10	16QAM	25	25	21.29	21.37	21.35	21.42	21.31	21.24					
10	16QAM	50	0	21.34	21.31	21.15	21.55	21.19	21.11					
10	64QAM	1	0	21.23	21.37	21.35	21.64	21.45	21.41	23	1			
10	64QAM	1	25	21.46	21.31	21.29	21.22	21.31	21.28					
10	64QAM	1	49	21.14	21.28	21.34	21.19	21.44	21.22					
10	64QAM	25	0	20.26	20.43	20.37	20.61	20.59	20.33					
10	64QAM	25	12	20.38	20.21	20.35	20.34	20.45	20.23	22	2			
10	64QAM	25	25	20.38	20.31	20.30	20.52	20.33	20.30					
10	64QAM	50	0	20.14	20.15	20.21	20.59	20.15	20.12					
10	256QAM	1	0	18.17	18.31	18.42	18.62	18.52	18.30					
10	256QAM	1	25	18.26	18.23	18.31	18.38	18.44	18.26	20	4			
10	256QAM	1	49	18.37	18.41	18.25	18.25	18.29	18.16					
10	256QAM	25	0	18.13	18.25	18.16	18.40	18.26	18.15					
10	256QAM	25	12	18.47	18.29	18.44	18.45	18.44	18.48					
10	256QAM	25	25	18.33	18.20	18.30	18.25	18.16	18.26	20	4			
10	256QAM	50	0	18.33	18.19	18.40	18.23	18.46	18.39					
Channel				39715	39675	40148	40620	41063	41565					
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5					
5	QPSK	1	0	22.85	22.39	22.54	22.61	22.54	22.47	24	0			
5	QPSK	1	12	22.60	22.40	22.48	22.69	22.74	22.47					
5	QPSK	1	24	22.31	22.29	22.54	22.49	22.58	22.28	24	0			
5	QPSK	12	0	22.30	22.35	22.36	22.69	22.38	22.1					

Reduced Power Mode for Other PA EC17

Band 2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				1890	1890	1900			
20	QPSK	1	0	19.48	19.71	19.57	20.7	0	
20	QPSK	50	0	19.47	19.52	19.34	20.7	0	
20	QPSK	100	0	19.41	19.45	19.35			

Band 38 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				21350	21350	21350			
20	QPSK	1	0	20.91	21.09	21.02	22.9	0	
20	QPSK	50	0	21.91	21.93	20.95	22.9	0	
20	QPSK	100	0	20.93	20.95	20.85			

Band 7 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				20600	21100	21350			
20	QPSK	1	0	18.23	18.35	18.29	19.4	0	
20	QPSK	50	0	18.19	18.31	18.16	19.4	0	
20	QPSK	100	0	18.08	18.25	18.20			

Band 41 Ant1										
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	40165	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.84	21.04	21.17	21.08	21.02	22.9	0
20	QPSK	1	49	20.97	20.91	21.02	21.00	20.98		
20	QPSK	1	99	21.10	21.09	21.02	20.93	21.11	22.9	0
20	QPSK	50	0	20.97	21.10	21.15	20.91	20.93		
20	QPSK	50	24	21.12	21.03	20.96	21.12	21.05	22.9	0
20	QPSK	50	50	20.96	21.07	21.02	21.01	20.92		
20	QPSK	100	0	21.08	21.09	21.12	20.94	21.02	22.9	0
20	16QAM	1	0	21.01	21.04	21.05	21.03	21.03		
20	16QAM	1	49	20.96	20.98	21.15	21.04	20.99	22.9	0
20	16QAM	1	99	20.99	21.02	21.02	20.97	21.09		
20	16QAM	50	0	21.07	21.00	21.13	21.09	21.15	22	0.9
20	16QAM	50	24	21.09	21.02	21.10	20.92	21.08		
20	16QAM	50	50	20.93	20.99	21.10	21.03	21.08	22	0.9
20	16QAM	100	0	20.93	21.06	21.05	20.92	21.02		
20	64QAM	1	0	20.96	21.10	20.93	20.96	21.14	22	0.9
20	64QAM	1	49	20.91	21.01	21.07	21.14	21.04		
20	64QAM	1	99	21.06	20.93	21.14	21.11	21.05	21	1.9
20	64QAM	50	0	20.45	20.61	20.58	20.44	20.51		
20	64QAM	50	24	20.48	20.29	20.45	20.34	20.34	21	1.9
20	64QAM	50	50	20.37	20.32	20.43	20.66	20.40		
20	64QAM	100	0	20.39	20.53	20.44	20.36	20.43	19	3.9
20	256QAM	1	0	18.35	18.37	18.38	18.41	18.33		
20	256QAM	1	49	18.25	18.49	18.37	18.48	18.44	19	3.9
20	256QAM	1	99	18.45	18.41	18.25	18.41	18.53		
20	256QAM	50	0	18.53	18.53	18.33	18.46	18.50	19	3.9
20	256QAM	50	24	18.43	18.41	18.50	18.34	18.42		
20	256QAM	50	50	18.28	18.48	18.43	18.43	18.60	19	3.9
20	256QAM	100	0	18.49	18.39	18.43	18.42	18.41		
Channel				37725	41172	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5		
15	QPSK	1	0	21.14	21.08	21.13	21.04	21.05	23	0
15	QPSK	1	37	21.04	21.00	21.02	21.02	20.96		
15	QPSK	1	74	21.14	21.12	21.02	20.97	21.03	22.9	0
15	QPSK	36	0	20.80	21.10	21.08	20.99	20.90		
15	QPSK	36	20	21.11	21.00	21.07	21.09	21.12	22.9	0
15	QPSK	36	39	20.97	21.05	21.04	21.05	20.99		
15	QPSK	75	0	20.94	20.96	21.11	20.94	21.11	22.9	0
15	16QAM	1	0	21.01	21.03	21.04	21.08	21.07		
15	16QAM	1	37	21.09	20.99	21.06	21.15	21.05	22	0.9
15	16QAM	1	74	20.98	21.09	20.91	20.91	21.03		
15	16QAM	36	0	21.14	21.05	20.94	21.15	21.02	22	0.9
15	16QAM	36	20	21.01	21.03	20.98	20.98	21.09		
15	16QAM	36	39	21.09	21.00	21.09	21.03	20.97	21	1.9
15	16QAM	75	0	21.00	20.97	20.92	20.95	20.98		
15	64QAM	1	0	20.99	21.14	21.04	20.99	21.00	22	0.9
15	64QAM	1	37	21.06	21.10	21.06	20.99	21.07		
15	64QAM	1	74	21.02	21.08	21.16	21.04	21.09	21	1.9
15	64QAM	36	0	20.45	20.54	20.62	20.39	20.50		
15	64QAM	36	20	20.36	20.26	20.55	20.55	20.32	19	3.9
15	64QAM	36	39	20.33	20.38	20.49	20.53	20.37		
15	64QAM	75	0	20.62	20.57	20.43	20.47	20.47	19	3.9
15	256QAM	1	0	18.36	18.38	18.41	18.54	18.42		
15	256QAM	1	37	18.23	18.40	18.38	18.44	18.45	19	3.9
15	256QAM	1	74	18.45	18.56	18.33	18.39	18.39		
15	256QAM	36	0	18.51	18.50	18.49	18.40	18.54	19	3.9
15	256QAM	36	20	18.43	18.37	18.56	18.55	18.37		
15	256QAM	36	39	18.30	18.47	18.32	18.37	18.57	19	3.9
15	256QAM	75	0	18.37	18.44	18.54	18.45	18.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2499	2547	2594	2639	2685		
10	QPSK	1	0	21.09	21.05	21.15	21.14	20.98	23	0
10	QPSK	1	25	20.99	20.94	21.03	20.97	20.96		
10	QPSK	1	49	21.05	21.00	20.98	20.98	21.05	22.9	0
10	QPSK	25	0	20.98	21.12	21.07	21.04	20.90		
10	QPSK	25	12	21.13	21.09	20.95	21.12	21.08	22.9	0
10	QPSK	25	25	21.06	21.16	21.05	21.03	20.97		
10	QPSK	50	0	20.92	21.01	21.11	20.98	21.05	22.9	0
10	16QAM	1	0	21.06	20.96	21.13	21.12	21.08		
10	16QAM	1	25	21.05	21.01	21.13	21.12	21.05	22	0.9
10	16QAM	1	49	21.08	21.09	21.01	20.92	20.99		
10	16QAM	25	0	21.00	20.92	21.04	21.06	21.08	22	0.9
10	16QAM	25	12	21.14	20.99	21.11	21.02	21.14		
10	16QAM	25	25	20.94	21.07	21.12	20.87	21.13	22	0.9
10	16QAM	50	0	20.92	20.96	21.06	20.99	20.97		
10	64QAM	1	0	21.09	21.10	21.02	20.87	20.98	21	1.9
10	64QAM	1	25	21.05	21.10	21.11	21.07	21.09		
10	64QAM	1	49	21.11	20.97	21.01	20.98	21.06	19	3.9
10	64QAM	25	0	20.36	20.52	20.60	20.40	20.60		
10	64QAM	25	12	20.42	20.32	20.45	20.39	20.35	19	3.9
10	64QAM	25	25	20.36	20.37	20.49	20.56	20.47		
10	64QAM	50	0	20.61	20.43	20.51	20.37	20.40	19	3.9
10	256QAM	1	0	18.36	18.45	18.35	18.63	18.43		
10	256QAM	1	25	18.26	18.35	18.38	18.42	18.38	19	3.9
10	256QAM	1	49	18.53	18.52	18.36	18.32	18.56		
10	256QAM	25	0	18.46	18.48	18.30	18.40	18.56	19	3.9
10	256QAM	25	12	18.41	18.40	18.55	18.46	18.39		
10	256QAM	25	25	18.32	18.51	18.38	18.54	18.42	19	3.9
10	256QAM	50	0	18.30	18.43	18.39	18.52	18.46		
Channel				39875	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.04	21.02	21.16	21.08	21.11	23	0
5	QPSK	1	12	20.95	20.99	21.00	21.05	20.95		
5	QPSK	1	24	21.05	21.11	21.11	20.98	20.99	22.9	0
5	QPSK	12	0	20.97	21.11	21.14	20.90	20.97		
5	QPSK	12	7	21.16	21.10	21.11	21.03	21.13	22.9	0
5	QPSK	12	19	21.05	21.06	21.06	21.08	20.96		
5	QPSK	25	0	20.99	20.98	21.11	21.08	21.14	22.9	0
5	16QAM	1	0	21.07	21.01	21.08	21.03	21.08		
5	16QAM	1	12	20.98	21.03	21.01	21.07	20.99	22	0.9
5	16QAM	1	24	20.95	21.05	20.95	21.01	20.99		
5	16QAM	12	0	21.06	20.96	21.08	21.10	21.05	22	0.9
5	16QAM	12	7	21.11	21.09	21.07	21.00	21.02		
5	16QAM	12	13	20.98	21.11	21.14	20.91	21.05	21	1.9
5	16QAM	25	0	21.04	21.06	21.06	20.96	20.96		
5	64QAM	1	0	21.05	21.09	20.99	21.06	21.10	22	0.9
5	64QAM	1	12	20.97	21.04	21.06	21.08	21.13		
5	64QAM	1	24	21.15	21.06	21.03	21.06	21.03	21	1.9
5	64QAM	12	0	20.49	20.60	20.50	20.38	20.61		
5	64QAM	12	7	20.39	20.21	20.55	20.48	20.3		

Full&Default Power Mode

n5 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167350	167600	839	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.37	22.58	22.41	24.0	0.0
20	QPSK	50	28	22.45	22.53	22.49	24.0	0.0
20	QPSK	100	0	22.20	22.46	22.44	24.0	0.0

n7 Ant1								
BW [MHz]	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	507000	509000	2535	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	22.87	23.06	22.83	24.0	0.0
50	QPSK	135	88	22.84	23.03	22.93	24.0	0.0
50	QPSK	270	0	22.86	22.98	22.82	24.0	0.0

n5 Ant4								
BW [MHz]	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	167600	834	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.69	22.82	22.80	24.0	0.0
20	QPSK	50	28	22.72	22.75	22.63	24.0	0.0
20	QPSK	100	0	22.59	22.81	22.54	24.0	0.0

n38 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519696	2590.02	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	22.96	23.09	22.87	24.0	0.0
40	QPSK	50	28	22.83	23.09	23.02	24.0	0.0
40	QPSK	100	0	22.71	22.95	22.88	24.0	0.0

n26 Ant0								
BW [MHz]	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	167350	167600	834	0.0
Frequency (MHz)				834	831.5	839		
20	QPSK	1	1	22.55	22.69	22.81	24.0	0.0
20	QPSK	50	28	22.47	22.68	22.56	24.0	0.0
20	QPSK	100	0	22.57	22.65	22.56	24.0	0.0

n38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519696	2590.02	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	22.96	23.01	22.98	24.0	0.0
40	QPSK	50	28	22.80	22.97	22.91	24.0	0.0
40	QPSK	100	0	22.92	22.95	22.81	24.0	0.0

n7 Ant4								
BW [MHz]	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	507000	509000	2525	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	22.92	23.02	22.72	24.0	0.0
50	QPSK	135	88	22.81	22.85	22.63	24.0	0.0
50	QPSK	270	0	22.74	22.87	22.62	24.0	0.0

n41 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				836202	836594	836900	2546.01	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	22.92	23.11	23.07	24.0	0.0
100	QPSK	135	69	22.83	23.04	23.00	24.0	0.0
100	QPSK	270	0	22.99	23.05	22.97	24.0	0.0

n41 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505002	518598	528000	2546.01	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	23.04	23.13	23.03	24.0	0.0
100	QPSK	135	69	22.88	23.03	22.94	24.0	0.0
100	QPSK	270	0	22.81	22.95	22.88	24.0	0.0

n26 Ant4								
BW [MHz]	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	167600	824	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.79	22.89	22.69	24.0	0.0
20	QPSK	40	28	22.65	22.78	22.65	24.0	0.0
20	QPSK	100	0	22.89	22.81	22.64	24.0	0.0

n71								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PV2 BPSK	1	1	23.07	23.13	22.97	24.0	0.0
20	PV2 BPSK	1	53	22.98	23.01	22.91		
20	PV2 BPSK	1	104	22.97	23.00	22.93	24.0	0.0
20	PV2 BPSK	50	0	23.09	23.13	22.90		
20	PV2 BPSK	50	28	22.98	22.98	22.98	24.0	0.0
20	PV2 BPSK	50	56	22.83	23.05	22.94		
20	PV2 BPSK	100	0	22.98	22.98	22.92	24.0	0.0
20	QPSK	1	1	23.12	23.18	23.16		
20	QPSK	1	53	23.01	23.09	23.03	24.0	0.0
20	QPSK	1	104	22.98	23.14	23.09		
20	QPSK	50	0	22.82	22.85	22.86	24.0	0.0
20	QPSK	50	28	23.03	23.14	23.04		
20	QPSK	50	56	22.74	22.83	22.72	24.0	0.0
20	QPSK	100	0	22.81	22.94	22.80		
20	16QAM	1	1	22.89	22.98	22.83	24.0	0.0
20	64QAM	1	1	22.81	22.97	22.81		
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0
Channel				133600	136100	138600		
Frequency (MHz)				670.3	680.5	692	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.02	23.06	23.10		
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				666.5	680.5	696.5		
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0
Channel				132600	136100	139600		
Frequency (MHz)				662.5	680.5	698.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	22.96	23.10	23.07		

n71											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				134600	136100	137600					
Frequency (MHz)				673	680.5	688					
20	PV2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0			
20	PV2 BPSK	1	53	22.82	22.76	22.68					
20	PV2 BPSK	1	104	22.74	22.77	22.68					
20	PV2 BPSK	50	0	22.84	22.92	22.71	24.0	0.0			
20	PV2 BPSK	50	28	22.78	22.77	22.76	24.0	0.0			
20	PV2 BPSK	50	56	22.68	22.81	22.70	24.0	0.0			
20	PV2 BPSK	100	0	22.78	22.80	22.75					
20	QPSK	1	1	22.96	22.98	22.91					
20	QPSK	1	53	22.78	22.94	22.77	24.0	0.0			
20	QPSK	1	104	22.75	22.91	22.87	24.0	0.0			
20	QPSK	50	0	22.66	22.89	22.61					
20	QPSK	50	28	22.86	22.89	22.81					
20	QPSK	50	56	22.56	22.63	22.46	24.0	0.0			
20	QPSK	100	0	22.65	22.75	22.63					
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0			
20	64QAM	1	1	22.67	22.72	22.62	24.0	0.0			
20	256QAM	1	1	21.25	21.38	21.29	22.5	1.5			
Channel				134100	136100	138100					
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0			
Channel				133600	136100	138600					
Frequency (MHz)				668	680.5	693					
10	QPSK	1	1	22.88	22.91	22.81	24.0	0.0			
Channel				133100	136100	139100					
Frequency (MHz)				665.5	680.5	696.5					
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0			

Part270 n77 PC3 Ant3									
BW (MHz)	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	Pi2 BPSK	1	1	18.38	18.47	18.58			
100	Pi2 BPSK	1	137	17.84	18.10	18.00	19.5	0.0	
100	Pi2 BPSK	1	271	17.81	17.73	17.71			
100	Pi2 BPSK	135	0	18.19	18.46	18.19	19.5	0.0	
100	Pi2 BPSK	135	69	18.01	18.18	18.04	19.5	0.0	
100	Pi2 BPSK	135	138	17.95	17.89	17.83	19.5	0.0	
100	Pi2 BPSK	270	0	18.01	18.16	18.06			
100	QPSK	1	1	18.49	18.59	18.49			
100	QPSK	1	137	17.94	18.12	18.01	19.5	0.0	
100	QPSK	1	271	17.83	17.73	17.89			
100	QPSK	135	0	18.37	18.32	18.44	19.5	0.0	
100	QPSK	135	69	18.05	18.50	18.01	19.5	0.0	
100	QPSK	135	138	17.86	18.11	17.85	19.5	0.0	
100	QPSK	270	0	18.03	18.22	18.19			
100	16QAM	1	1	18.23	18.25	18.10	19.5	0.0	
100	64QAM	1	1	18.27	18.33	18.02	19.5	0.0	
100	256QAM	1	1	17.20	17.46	17.42	18.5	1.0	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.49	18.56	18.47	19.5	0.0	
Channel				649334	650000	662698	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.51	18.63	18.43	19.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.43	18.58	18.56	19.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.56	18.56	18.57	19.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.47	18.61	18.55	19.5	0.0	
Channel				647999	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.39	18.31	18.39	19.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.39	18.41	18.37	19.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.24	18.36	18.31	19.5	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.10	18.33	18.28	19.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.48	18.59	18.50	19.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.36	18.43	18.50	19.5	0.0	

Part270 n77 Ant3 PC2									
BW (MHz)	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	Pi2 BPSK	1	1	21.61	21.68	21.66			
100	Pi2 BPSK	1	137	21.47	21.58	21.66	22.5	0.0	
100	Pi2 BPSK	1	271	21.61	21.60	21.71			
100	Pi2 BPSK	135	0	21.22	21.02	21.19	22.0	0.5	
100	Pi2 BPSK	135	69	21.57	21.54	21.72	22.5	0.0	
100	Pi2 BPSK	135	138	21.14	21.13	21.10	22.0	0.5	
100	Pi2 BPSK	270	0	21.61	21.04	21.30			
100	QPSK	1	1	21.59	21.74	21.60			
100	QPSK	1	137	21.59	21.48	21.69	22.5	0.0	
100	QPSK	1	271	21.47	21.55	21.60			
100	QPSK	135	0	20.56	20.66	20.61	21.5	1.0	
100	QPSK	135	69	21.56	21.67	21.65	22.5	0.0	
100	QPSK	135	138	20.33	20.84	20.68	21.5	1.0	
100	QPSK	270	0	20.54	20.70	20.60			
100	16QAM	1	1	20.58	20.68	20.61	21.5	1.0	
100	64QAM	1	1	19.18	19.35	19.16	20.0	2.5	
100	256QAM	1	1	17.06	17.16	17.13	18.0	4.5	
Channel				649000	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.39	21.56	21.56	22.5	0.0	
Channel				649334	650000	662698	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.60	21.52	21.42	22.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.40	21.68	21.52	22.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.45	21.63	21.49	22.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.39	21.61	21.59	22.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.56	21.53	21.39	22.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.49	21.71	21.45	22.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	21.40	21.54	21.42	22.5	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.80	21.54	21.50	22.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.51	21.57	21.54	22.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.59	21.56	21.40	22.5	0.0	

Part270 n78 Ant3 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)					18.41				
100	PI/2 BPSK	1	1		18.41			19.5	0.0
100	PI/2 BPSK	1	137		18.13				
100	PI/2 BPSK	1	271		17.70				
100	PI/2 BPSK	135	0		18.26			19.5	0.0
100	PI/2 BPSK	135	69		18.22			19.5	0.0
100	PI/2 BPSK	135	138		17.87			19.5	0.0
100	PI/2 BPSK	270	0		18.25				
100	QPSK	1	1		18.62				
100	QPSK	1	137		18.24			19.5	0.0
100	QPSK	1	271		17.70				
100	QPSK	135	0		18.18			19.5	0.0
100	QPSK	135	69		18.58			19.5	0.0
100	QPSK	135	138		18.01			19.5	0.0
100	QPSK	270	0		18.55				
100	16QAM	1	1		18.29			19.5	0.0
100	64QAM	1	1		18.37			19.5	0.0
100	256QAM	1	1		17.48			18.5	1.0
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1		18.30	18.51	18.38	19.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1		18.27	18.47	18.44	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1		18.40	18.38	18.28	19.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1		18.36	18.46	18.29	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1		18.26	18.48	18.29	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1		18.30	18.53	18.42	19.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3765.01	(dBm)		
30	QPSK	1	1		18.41	18.40	18.40	19.5	0.0
Channel				647334	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1		18.41	18.51	18.34	19.5	0.0
Channel				647000	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1		18.32	18.48	18.31	19.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1		18.26	18.41	18.36	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1		18.39	18.54	18.41	19.5	0.0

Part270 n78 Ant3 PC2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit	MPR (dB)		
Channel				3750	3750	3750				
Frequency (MHz)										
100	PI/2 BPSK	1	1		21.56					
100	PI/2 BPSK	1	137		21.66		22.5		0.0	
100	PI/2 BPSK	1	271		21.54					
100	PI/2 BPSK	135	0		21.27		22.0		0.5	
100	PI/2 BPSK	135	69		21.66		22.5		0.0	
100	PI/2 BPSK	135	138		21.21		22.0		0.5	
100	PI/2 BPSK	270	0		21.19					
100	QPSK	1	1		21.73					
100	QPSK	1	137		21.58		22.5		0.0	
100	QPSK	1	271		21.72					
100	QPSK	135	0		20.67		21.5		1.0	
100	QPSK	135	69		21.70		22.5		0.0	
100	QPSK	135	138		20.83		21.5		1.0	
100	QPSK	270	0		20.05					
100	16QAM	1	1		20.75		21.5		1.0	
100	64QAM	1	1		19.11		20.0		2.5	
100	256QAM	1	1		17.20		18.0		4.5	
Channel				649668	650000	650334	Tune-up limit	MPR		
Frequency (MHz)				3745.02	3750	3755.01	(dBm)			
90	QPSK	1	1		21.55	21.68	21.55	22.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR		
Frequency (MHz)				3740.01	3750	3760.02	(dBm)			
80	QPSK	1	1		21.55	21.69	21.60	22.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR		
Frequency (MHz)				3735	3750	3765	(dBm)			
70	QPSK	1	1		21.52	21.61	21.58	22.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR		
Frequency (MHz)				3730.02	3750	3770.01	(dBm)			
60	QPSK	1	1		21.60	21.57	21.57	22.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR		
Frequency (MHz)				3725.01	3750	3775.02	(dBm)			
50	QPSK	1	1		21.49	21.62	21.69	22.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR		
Frequency (MHz)				3720	3750	3780	(dBm)			
40	QPSK	1	1		21.53	21.70	21.66	22.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR		
Frequency (MHz)				3715.02	3750	3765.01	(dBm)			
30	QPSK	1	1		21.56	21.63	21.68	22.5	0.0	
Channel				647334	650000	652500	Tune-up limit	MPR		
Frequency (MHz)				3712.5	3750	3787.5	(dBm)			
25	QPSK	1	1		21.60	21.71	21.57	22.5	0.0	
Channel				647000	650000	652668	Tune-up limit	MPR		
Frequency (MHz)				3710.01	3750	3790.02	(dBm)			
20	QPSK	1	1		21.60	21.59	21.57	22.5	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR		
Frequency (MHz)				3707.52	3750	3792.51	(dBm)			
15	QPSK	1	1		21.50	21.59	21.61	22.5	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR		
Frequency (MHz)				3705	3750	3795	(dBm)			
10	QPSK	1	1		21.53	21.69	21.64	22.5	0.0	

Part270 n77 PC3 Ant5									
BW (MHz)	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	PI2 BPSK	1	1	22.80	22.92	22.78			
100	PI2 BPSK	1	137	22.83	22.86	22.84	24.0	0.0	
100	PI2 BPSK	1	271	22.86	22.94	22.92			
100	PI2 BPSK	135	0	22.82	22.88	22.87	24.0	0.0	
100	PI2 BPSK	135	69	22.81	22.81	22.82	24.0	0.0	
100	PI2 BPSK	135	138	22.84	22.92	22.93	24.0	0.0	
100	PI2 BPSK	270	0	23.01	22.94	22.96			
100	QPSK	1	1	22.96	23.11	22.93			
100	QPSK	1	137	22.86	22.80	22.84	24.0	0.0	
100	QPSK	1	271	22.86	22.95	22.78			
100	QPSK	135	0	22.81	23.02	22.91	24.0	0.0	
100	QPSK	135	69	22.85	23.04	22.94	24.0	0.0	
100	QPSK	135	138	22.94	22.98	22.78	24.0	0.0	
100	QPSK	270	0	22.74	22.95	22.78			
100	16QAM	1	1	22.58	22.67	22.47	24.0	0.0	
100	64QAM	1	1	22.48	22.69	22.59	24.0	0.0	
100	256QAM	1	1	21.78	21.82	21.73	22.5	1.5	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.85	22.84	22.84	24.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.91	22.88	22.91	24.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.93	22.88	22.93	24.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.78	22.99	22.92	24.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.97	22.99	22.83	24.0	0.0	
Channel				647000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.00	22.90	22.80	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3953.01			
30	QPSK	1	1	22.97	22.94	22.71	24.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.94	22.97	22.65	24.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.77	22.98	22.75	24.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.75	22.88	22.70	24.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.96	22.88	22.69	24.0	0.0	

Part270 n77Ant5 PC2									
BW (MHz)	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	PI2 BPSK	1	1	25.79	25.93	25.88			
100	PI2 BPSK	1	137	25.90	25.87	25.86	27.0	0.0	
100	PI2 BPSK	1	271	25.84	26.07	25.84			
100	PI2 BPSK	135	0	25.24	25.42	25.42	26.5	0.5	
100	PI2 BPSK	135	69	25.84	25.88	25.89	27.0	0.0	
100	PI2 BPSK	135	138	25.28	25.51	25.51	26.5	0.5	
100	PI2 BPSK	270	0	25.59	25.57	25.55			
100	QPSK	1	1	26.03	26.15	25.96			
100	QPSK	1	137	25.80	25.96	25.95	27.0	0.0	
100	QPSK	1	271	25.91	25.94	25.85			
100	QPSK	135	0	24.91	24.98	25.04	26.0	1.0	
100	QPSK	135	69	25.88	26.08	26.00	27.0	0.0	
100	QPSK	135	138	25.02	26.05	24.71	26.0	1.0	
100	QPSK	270	0	24.89	25.01	24.86			
100	16QAM	1	1	24.65	24.68	24.53	26.0	1.0	
100	64QAM	1	1	23.09	23.25	23.19	24.5	2.5	
100	256QAM	1	1	21.54	21.61	21.49	22.5	4.5	
Channel				649000	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.88	26.06	25.88	27.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.91	26.06	25.93	27.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.89	26.07	25.90	27.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.92	26.00	25.80	27.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.88	26.09	25.79	27.0	0.0	
Channel				647000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.95	26.01	25.82	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3953.01			
30	QPSK	1	1	25.94	26.05	25.83	27.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.92	26.03	25.80	27.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.98	26.06	25.80	27.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.90	26.02	25.89	27.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.97	26.05	25.83	27.0	0.0	

Part270 n78 PC2 Ant5 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1		23.00				
100	PI/2 BPSK	1	137		22.62		24.0	0.0	
100	PI/2 BPSK	1	271		22.94				
100	PI/2 BPSK	135	0		22.94		24.0	0.0	
100	PI/2 BPSK	135	69		22.89		24.0	0.0	
100	PI/2 BPSK	135	138		22.95		24.0	0.0	
100	PI/2 BPSK	270	0		22.67				
100	QPSK	1	1		23.06				
100	QPSK	1	137		22.82		24.0	0.0	
100	QPSK	1	271		22.90				
100	QPSK	135	0		22.95		24.0	0.0	
100	QPSK	135	69		22.89		24.0	0.0	
100	QPSK	135	138		22.94		24.0	0.0	
100	QPSK	270	0		22.96				
100	16QAM	1	1		22.81		24.0	0.0	
100	64QAM	1	1		22.72		24.0	0.0	
100	256QAM	1	1		21.87		22.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1	22.91	22.93	22.95	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	22.70	23.05	22.81	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1	22.77	22.88	22.75	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	22.72	22.80	23.01	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	22.65	22.78	23.01	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	22.94	22.82	22.94	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	23.01	22.90	22.91	24.0	0.0	
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	22.77	22.92	22.79	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	22.95	22.89	22.81	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	22.96	22.80	22.90	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	22.87	22.98	23.01	24.0	0.0	

Part270 n78 Ant5 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1		26.08				
100	PI/2 BPSK	1	137		25.91		27.0	0.0	
100	PI/2 BPSK	1	271		25.95				
100	PI/2 BPSK	135	0		25.43		26.5	0.5	
100	PI/2 BPSK	135	69		25.99		27.0	0.0	
100	PI/2 BPSK	135	138		25.45		26.5	0.5	
100	PI/2 BPSK	270	0		25.57				
100	QPSK	1	1		26.16				
100	QPSK	1	137		25.97		27.0	0.0	
100	QPSK	1	271		25.91				
100	QPSK	135	0		24.96		26.0	1.0	
100	QPSK	135	69		26.06		27.0	0.0	
100	QPSK	135	138		24.89		26.0	1.0	
100	QPSK	270	0		25.00				
100	16QAM	1	1		24.76		26.0	1.0	
100	64QAM	1	1		23.35		24.5	2.5	
100	256QAM	1	1		21.56		22.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1	25.90	26.00	25.96	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	25.91	25.95	25.89	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1	25.92	26.05	25.91	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	25.94	25.98	25.95	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	25.87	25.99	25.92	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	25.93	26.02	25.87	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	25.93	25.99	25.88	27.0	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	25.84	26.00	25.86	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	25.91	26.03	25.88	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	25.94	26.04	25.89	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	25.95	26.00	25.92	27.0	0.0	

Part270 n77 PC3 Ant7 PC3									
BW (MHz)	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	PI2 BPSK	1	1	22.47	22.69	22.54			
100	PI2 BPSK	1	137	22.63	22.75	22.58	24.0	0.0	
100	PI2 BPSK	1	271	22.84	22.86	22.57			
100	PI2 BPSK	135	0	22.59	22.85	22.86	24.0	0.0	
100	PI2 BPSK	135	69	22.70	22.79	22.72	24.0	0.0	
100	PI2 BPSK	135	138	22.66	22.82	22.63	24.0	0.0	
100	PI2 BPSK	270	0	22.57	22.73	22.65			
100	QPSK	1	1	22.76	22.87	22.80			
100	QPSK	1	137	22.88	22.73	22.89	24.0	0.0	
100	QPSK	1	271	22.81	22.78	22.52			
100	QPSK	135	0	22.71	22.80	22.67	24.0	0.0	
100	QPSK	135	69	22.84	22.85	22.71	24.0	0.0	
100	QPSK	135	138	22.40	22.58	22.36	24.0	0.0	
100	QPSK	270	0	22.78	22.82	22.74			
100	16QAM	1	1	22.30	22.48	22.18	24.0	0.0	
100	64QAM	1	1	22.29	22.32	22.28	24.0	0.0	
100	256QAM	1	1	21.42	21.54	21.42	23.0	1.0	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.79	22.74	22.75	24.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.68	22.78	22.66	24.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.76	22.74	22.62	24.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.77	22.74	22.60	24.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.61	22.75	22.64	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3960.01			
40	QPSK	1	1	22.73	22.76	22.70	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3960.01			
30	QPSK	1	1	22.66	22.77	22.61	24.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.69	22.76	22.72	24.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.62	22.72	22.78	24.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.75	22.79	22.62	24.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.74	22.76	22.71	24.0	0.0	

Part270 n77 Ant7 PC2									
BW (MHz)	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	PI2 BPSK	1	1	25.82	25.87	25.81			
100	PI2 BPSK	1	137	25.77	25.78	25.85	27.0	0.0	
100	PI2 BPSK	1	271	25.79	25.83	25.79			
100	PI2 BPSK	135	0	25.35	25.51	25.34	26.5	0.5	
100	PI2 BPSK	135	69	25.78	25.87	25.74	27.0	0.0	
100	PI2 BPSK	135	138	25.31	25.41	25.33	26.5	0.5	
100	PI2 BPSK	270	0	25.47	25.48	25.35			
100	QPSK	1	1	25.89	25.85	25.87			
100	QPSK	1	137	25.82	25.91	25.82	27.0	0.0	
100	QPSK	1	271	25.76	25.88	25.74			
100	QPSK	135	0	24.89	24.90	24.81	26.0	1.0	
100	QPSK	135	69	25.85	25.87	25.73	27.0	0.0	
100	QPSK	135	138	24.83	24.86	24.90	26.0	1.0	
100	QPSK	270	0	24.81	24.98	24.88			
100	16QAM	1	1	24.90	25.02	24.93	26.0	1.0	
100	64QAM	1	1	23.33	23.41	23.31	24.5	2.5	
100	256QAM	1	1	21.35	21.49	21.35	22.5	4.5	
Channel				649000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.85	25.88	25.69	27.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.79	25.77	25.84	27.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.85	25.86	25.75	27.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.84	25.84	25.83	27.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.74	25.93	25.73	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3960.01			
40	QPSK	1	1	25.76	25.83	25.77	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3960.01			
30	QPSK	1	1	25.79	25.82	25.81	27.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.85	25.93	25.77	27.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.72	25.90	25.81	27.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.82	25.91	25.79	27.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.82	25.88	25.79	27.0	0.0	

Part270 n78 PC3 Ant7 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1	22.42			24.0	0.0	
100	PI/2 BPSK	1	137	22.30					
100	PI/2 BPSK	1	271	22.80					
100	PI/2 BPSK	135	0	22.30			24.0	0.0	
100	PI/2 BPSK	135	69	22.48			24.0	0.0	
100	PI/2 BPSK	135	138	22.54			24.0	0.0	
100	PI/2 BPSK	270	0	22.47			24.0	0.0	
100	QPSK	1	1	22.84					
100	QPSK	1	137	22.37					
100	QPSK	1	271	22.47			24.0	0.0	
100	QPSK	135	0	22.37					
100	QPSK	135	69	22.55					
100	QPSK	135	138	22.49			24.0	0.0	
100	QPSK	270	0	22.47			24.0	0.0	
100	16QAM	1	1	22.46			24.0	0.0	
100	64QAM	1	1	22.30			24.0	0.0	
100	256QAM	1	1	21.21			23.0	1.0	
Channel				649688	650000	650334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	22.48	22.55	22.43	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	22.53	22.55	22.47	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	22.42	22.63	22.46	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	22.58	22.62	22.39	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	22.40	22.58	22.43	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	22.45	22.50	22.49	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR (dB)	
Frequency (MHz)				3715.02	3750	3765.01	(dBm)		
30	QPSK	1	1	22.50	22.54	22.45	24.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
25	QPSK	1	1	22.43	22.49	22.53	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR (dB)	
Frequency (MHz)				3710.01 <th>3750</th> <th>3790.02</th> <th>(dBm)</th> <th colspan="2"></th>	3750	3790.02	(dBm)		
20	QPSK	1	1	22.51	22.57	22.38	24.0	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	22.54	22.59	22.42	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	22.46	22.48	22.52	24.0	0.0	

Part270 n78 Ant7 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1	25.59			27.0	0.0	
100	PI/2 BPSK	1	137	25.41					
100	PI/2 BPSK	1	271	25.61					
100	PI/2 BPSK	135	0	25.16			26.5	0.5	
100	PI/2 BPSK	135	69	25.63			27.0	0.0	
100	PI/2 BPSK	135	138	25.06			26.5	0.5	
100	PI/2 BPSK	270	0	25.11			27.0	0.0	
100	QPSK	1	1	25.68					
100	QPSK	1	137	25.59					
100	QPSK	1	271	25.51			26.0	1.0	
100	QPSK	135	0	24.65					
100	QPSK	135	69	25.49					
100	QPSK	135	138	24.57			27.0	0.0	
100	QPSK	270	0	24.61			26.0	1.0	
100	16QAM	1	1	24.75			26.0	1.0	
100	64QAM	1	1	23.12			24.5	2.5	
100	256QAM	1	1	21.24			22.5	4.5	
Channel				649688	650000	650334	Tune-up limit		
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	25.60	25.53	25.64	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit		
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	25.57	25.66	25.53	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit		
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	25.65	25.64	25.56	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit		
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	25.60	25.58	25.56	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit		
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	25.54	25.62	25.54	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit		
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	25.61	25.66	25.55	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit		
Frequency (MHz)				3715.02	3750	3765.01	(dBm)		
30	QPSK	1	1	25.61	25.63	25.58	27.0	0.0	
Channel				647500	650000	652500	Tune-up limit		
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	25.57	25.64	25.60	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit		
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	25.64	25.61	25.67	27.0	0.0	
Channel				647168	650000	652834	Tune-up limit		
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	25.67	25.56	25.54	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit		
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	25.64	25.57	25.65	27.0	0.0	

Part270 n77 PC3 Ant9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	P12 BPSK	1	1	19.10	19.07	19.01		20.5	0.0
100	P12 BPSK	1	137	18.71	18.86	18.81			
100	P12 BPSK	1	271	18.92	18.79	18.82			
100	P12 BPSK	135	0	18.76	19.01	18.94		20.5	0.0
100	P12 BPSK	135	69	18.69	18.94	18.71		20.5	0.0
100	P12 BPSK	135	138	18.89	18.81	18.72		20.5	0.0
100	P12 BPSK	270	0	18.89	18.76	18.66			
100	QPSK	1	1	19.21	19.22	19.95		20.5	0.0
100	QPSK	1	137	18.90	18.92	18.66			
100	QPSK	1	271	18.60	18.64	18.67			
100	QPSK	135	0	18.80	18.89	18.96		20.5	0.0
100	QPSK	135	69	18.94	19.05	18.81		20.5	0.0
100	QPSK	135	138	18.73	18.68	18.77		20.5	0.0
100	QPSK	270	0	18.78	19.00	18.80			
100	16QAM	1	1	18.86	19.00	18.94		20.5	0.0
100	64QAM	1	1	18.79	19.05	18.91		20.5	0.0
100	256QAM	1	1	18.13	18.02	17.92		19.5	1.0
Channel				645668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.94	19.12	18.92		20.5	0.0
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3743.01	3840	3940.02			
80	QPSK	1	1	19.05	19.16	18.92		20.5	0.0
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.99	19.10	18.91		20.5	0.0
Channel				648969	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3739.02	3840	3950.01			
60	QPSK	1	1	19.09	19.11	18.94		20.5	0.0
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.02	19.15	18.84		20.5	0.0
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.02	18.19	18.66		20.5	0.0
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3840	3965.01			
30	QPSK	1	1	19.09	19.11	18.90		20.5	0.0
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.93	19.13	18.83		20.5	0.0
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.04	19.10	18.81		20.5	0.0
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.96	19.08	18.81		20.5	0.0
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.09	19.16	18.82		20.5	0.0

Part270 n77 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	P12 BPSK	1	1	22.23	22.14	22.19		23.5	0.0
100	P12 BPSK	1	137	22.34	22.28	22.16			
100	P12 BPSK	1	271	22.12	22.28	22.08			
100	P12 BPSK	135	0	21.68	21.66	21.50		23.0	0.5
100	P12 BPSK	135	69	22.16	22.26	22.03		23.5	0.0
100	P12 BPSK	135	138	22.25	22.24	22.16		23.0	0.5
100	P12 BPSK	270	0	22.34	22.13	21.96			
100	QPSK	1	1	22.19	22.35	22.08		23.5	0.0
100	QPSK	1	137	22.21	22.22	22.01			
100	QPSK	1	271	22.10	22.13	22.08			
100	QPSK	135	0	21.25	21.29	21.01		22.5	1.0
100	QPSK	135	69	22.15	22.29	22.07		23.5	0.0
100	QPSK	135	138	21.31	21.19	20.98		23.5	1.0
100	QPSK	270	0	21.15	21.36	21.04			
100	16QAM	1	1	21.17	21.19	21.08		22.5	1.0
100	64QAM	1	1	19.63	19.76	19.68		21.0	2.5
100	256QAM	1	1	17.59	17.72	17.57		19.0	4.5
Channel				645668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.29	22.15	22.12		23.5	0.0
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3743.01	3840	3940.02			
80	QPSK	1	1	22.19	22.18	22.00		23.5	0.0
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.15	22.31	22.00		23.5	0.0
Channel				648969	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3739.02	3840	3950.01			
60	QPSK	1	1	22.16	22.13	22.16		23.5	0.0
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.14	22.24	22.03		23.5	0.0
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.06	22.13	22.10		23.5	0.0
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3840	3965.01			
30	QPSK	1	1	22.27	22.34	22.10		23.5	0.0
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.17	22.28	22.04		23.5	0.0
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.08	22.16	21.98		23.5	0.0
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.20	22.17	22.11		23.5	0.0
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.15	22.30	21.96		23.5	0.0

Part270 n78 PC3 Ant9									
BW [MHz]	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		19.06		20.5	0.0	
100	PI/2 BPSK	1	137		18.88				
100	PI/2 BPSK	1	271		18.78				
100	PI/2 BPSK	135	0		19.02		20.5	0.0	
100	PI/2 BPSK	135	69		18.79		20.5	0.0	
100	PI/2 BPSK	135	138		18.77		20.5	0.0	
100	PI/2 BPSK	270	0		18.99		20.5	0.0	
100	QPSK	1	1		19.10				
100	QPSK	1	137		18.80				
100	QPSK	1	271		18.66		20.5	0.0	
100	QPSK	135	0		19.00		20.5	0.0	
100	QPSK	135	69		19.06		20.5	0.0	
100	QPSK	135	138		18.71		20.5	0.0	
100	QPSK	270	0		19.04		20.5	0.0	
100	16QAM	1	1		18.98		20.5	0.0	
100	64QAM	1	1		19.01		20.5	0.0	
100	256QAM	1	1		18.13		19.5	1.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		18.85	18.94	18.97	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		18.99	18.95	19.04	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		18.86	18.83	18.95	20.5	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		18.93	18.82	18.99	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		18.97	18.86	18.93	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		18.94	18.83	19.03	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		18.99	18.91	18.98	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		18.88	18.92	18.96	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		18.95	18.96	19.09	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.00	18.95	18.97	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		18.90	18.95	19.00	20.5	0.0

Part270 n78 PC2									
BW [MHz]	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		21.94		23.5	0.0	
100	PI/2 BPSK	1	137		21.96				
100	PI/2 BPSK	1	271		21.88				
100	PI/2 BPSK	135	0		21.29		23.0	0.5	
100	PI/2 BPSK	135	69		21.92		23.5	0.0	
100	PI/2 BPSK	135	138		22.00		23.0	0.5	
100	PI/2 BPSK	270	0		21.77		23.5	0.0	
100	QPSK	1	1		22.28				
100	QPSK	1	137		21.98				
100	QPSK	1	271		21.91		22.5	1.0	
100	QPSK	135	0		20.95		23.5	0.0	
100	QPSK	135	69		22.15		22.5	1.0	
100	QPSK	135	138		20.87		22.5	1.0	
100	QPSK	270	0		21.13		22.5	1.0	
100	16QAM	1	1		20.95		22.5	1.0	
100	64QAM	1	1		19.95		21.0	2.5	
100	256QAM	1	1		17.20		13.0	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.24	22.17	22.09	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.02	22.23	22.08	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.08	22.20	22.05	23.5	0.0
Channel				648968	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		22.13	22.25	21.98	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		22.04	22.14	22.11	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.14	22.14	22.07	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		22.00	22.24	22.10	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		22.11	22.15	22.09	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		22.03	22.18	22.08	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.00	22.24	21.99	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.05	22.14	22.06	23.5	0.0

Reduced Power Mode for ECI 2

n5 Ant0

BW [MHz]	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	22.51	22.64	22.55		
20	QPSK	50	28	22.57	22.58	22.57	24.0	0.0
20	QPSK	100	0	22.43	22.61	22.54	24.0	0.0

n7 Ant1

BW [MHz]	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	507000	509000	24.0	0.0
Frequency (MHz)				2525	2532	2545		
50	QPSK	1	1	22.96	22.97	22.88		
50	QPSK	135	68	22.90	22.95	22.88	24.0	0.0
50	QPSK	270	0	22.80	22.87	22.73	24.0	0.0

n5 Ant4

BW [MHz]	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	23.6	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.36	22.42	22.16		
20	QPSK	50	0	22.05	22.27	21.96	23.6	0.0
20	QPSK	100	0	22.01	22.15	22.05	23.6	0.0

n38 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	20.9	0.0
Frequency (MHz)				2548.01	2552.59	2560.99		
40	QPSK	1	1	19.23	19.44	19.15		
40	QPSK	50	28	19.23	19.38	19.16	20.9	0.0
40	QPSK	100	0	19.17	19.31	19.03	20.9	0.0

n26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.57	22.68	22.51		
20	QPSK	50	28	22.48	22.54	22.55	24.0	0.0
20	QPSK	100	0	22.55	22.61	22.58	24.0	0.0

n38 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2550.02	2552.59	2559.99		
40	QPSK	1	1	22.95	23.01	22.97		
40	QPSK	50	28	22.92	22.97	22.83	24.0	0.0
40	QPSK	100	0	22.81	22.95	22.76	24.0	0.0

n41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	518598	528000	24.0	0.0
Frequency (MHz)				2546.01	2552.99	2560		
100	QPSK	1	1	23.06	23.15	23.08		
100	QPSK	135	68	22.99	23.15	23.05	24.0	0.0
100	QPSK	270	0	22.94	23.07	22.91	24.0	0.0

n26 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	23.6	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.45	22.52	22.30		
20	QPSK	50	0	22.24	22.49	22.16	23.6	0.0
20	QPSK	100	0	22.23	22.29	22.17	23.6	0.0

n41 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505202	518598	528000	20.9	0.0
Frequency (MHz)				2548.01	2552.59	2560.99		
100	QPSK	1	1	19.29	19.45	19.39		
100	QPSK	135	68	19.36	19.40	19.30	20.9	0.0
100	QPSK	270	0	19.28	19.35	19.32	20.9	0.0

n71								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	24.0	0.0
Frequency (MHz)				693	690.5	696		
20	PI/2 BPSK	1	1	23.07	23.13	22.97		
20	PI/2 BPSK	1	53	22.98	23.01	22.91	24.0	0.0
20	PI/2 BPSK	1	104	22.97	23.00	22.83		
20	PI/2 BPSK	50	0	23.09	23.13	22.90		
20	PI/2 BPSK	50	25	22.96	22.96	22.96	24.0	0.0
20	PI/2 BPSK	50	56	22.83	23.05	22.94		
20	PI/2 BPSK	100	0	22.96	22.98	22.92		
20	QPSK	1	1	23.12	23.18	23.16	24.0	0.0
20	QPSK	1	53	23.01	23.09	23.03		
20	QPSK	1	104	22.98	23.14	23.08		
20	QPSK	50	0	22.82	22.85	22.86	24.0	0.0
20	QPSK	50	25	23.03	23.14	23.04		
20	QPSK	50	56	22.74	22.83	22.72		
20	QPSK	100	0	22.81	22.94	22.80	24.0	0.0
20	16QAM	1	1	22.89	22.98	22.83		
20	64QAM	1	1	22.81	22.97	22.81		
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5
Channel				134100	136100	137000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.06	23.10	24.0	0.0
Channel				133100	136100	137000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0

n71									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600	24.0	0.0	
Frequency (MHz)				693	690.5	696			
20	PI/2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0	
20	PI/2 BPSK	1	53	22.82	22.76	22.68			
20	PI/2 BPSK	1	104	22.74	22.77	22.68			
20	PI/2 BPSK	50	0	22.84	22.92	22.71			
20	PI/2 BPSK	50	25	22.76	22.77	22.76	24.0	0.0	
20	PI/2 BPSK	50	56	22.68	22.81	22.70	24.0	0.0	
20	PI/2 BPSK	100	0	22.78	22.80	22.75			
20	QPSK	1	1	22.96	22.98	22.91	24.0	0.0	
20	QPSK	1	53	22.78	22.94	22.77			
20	QPSK	1	104	22.75	22.91	22.87			
20	QPSK	50	0	22.66	22.69	22.61			
20	QPSK	50	25	22.96	22.89	22.81	24.0	0.0	
20	QPSK	50	56	22.56	22.63	22.48	24.0	0.0	
20	QPSK	100	0	22.65	22.75	22.63			
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0	
20	64QAM	1	1	22.67	22.72	22.62	24.0	0.0	
20	256QAM	1	1	21.25	21.35	21.29	22.5	1.5	
Channel				134100	136100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	22.88	22.91	22.81	24.0	0.0	
Channel				133100	136100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0	

Part270 n77 PC3 Ant3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	19.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.38	18.47	18.58	19.5	0.0	
100	PI/2 BPSK	1	137	17.94	18.10	18.00			
100	PI/2 BPSK	1	271	17.61	17.73	17.71			
100	PI/2 BPSK	135	0	18.19	18.46	18.19			
100	PI/2 BPSK	135	69	18.01	18.16	18.04	19.5	0.0	
100	PI/2 BPSK	135	138	17.95	17.89	17.83			
100	PI/2 BPSK	270	0	18.01	18.18	18.06			
100	QPSK	1	1	18.49	18.65	18.49			
100	QPSK	1	137	17.94	18.12	18.01	19.5	0.0	
100	QPSK	1	271	17.63	17.73	17.69			
100	QPSK	135	0	18.37	18.32	18.44			
100	QPSK	135	69	18.05	18.50	18.01			
100	QPSK	135	138	17.86	18.11	17.85	19.5	0.0	
100	QPSK	270	0	18.03	18.22	18.19			
100	16QAM	1	1	18.23	18.25	18.10		19.5	
100	64QAM	1	1	18.27	18.33	18.02			
100	256QAM	1	1	17.20	17.46	17.42			
Channel				648668	650000	662334	19.5	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.49	18.56	18.47	19.5	0.0	
Channel				649334	650000	662668			
Frequency (MHz)				3740.01	3840	3940.02	19.5	0.0	
80	QPSK	1	1	18.51	18.63	18.48		0.0	
Channel				649000	650000	663000	19.5	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.43	18.58	18.56	19.5	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	19.5	0.0	
60	QPSK	1	1	18.56	18.56	18.57		0.0	
Channel				648334	650000	663668	19.5	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.47	18.61	18.55	19.5	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	19.5	0.0	
40	QPSK	1	1	18.39	18.51	18.39		0.0	
Channel				647668	650000	664334	19.5	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.39	18.41	18.37	19.5	0.0	
Channel				647500	650000	664500			
Frequency (MHz)				3712.5	3840	3967.5	19.5	0.0	
25	QPSK	1	1	18.24	18.36	18.31		0.0	
Channel				647234	650000	664668	19.5	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.10	18.33	18.28	19.5	0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51	19.5	0.0	
15	QPSK	1	1	18.48	18.59	18.50		0.0	
Channel				647000	650000	665000	19.5	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.36	18.43	18.50	19.5	0.0	
Channel				646834	650000	665168			
Frequency (MHz)				3702.51	3840	3977.52			

Part270 n77 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000	22.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.61	21.68	21.66	22.5	0.0	
100	PI/2 BPSK	1	137	21.47	21.58	21.66			
100	PI/2 BPSK	1	271	21.61	21.60	21.71			
100	PI/2 BPSK	135	0	21.22	21.02	21.19			
100	PI/2 BPSK	135	69	21.57	21.54	21.72	22.5	0.0	
100	PI/2 BPSK	135	138	21.14	21.13	21.10			
100	PI/2 BPSK	270	0	21.01	21.04	21.30			
100	QPSK	1	1	21.59	21.74	21.60			
100	QPSK	1	137	21.59	21.48	21.69	22.5	0.0	
100	QPSK	1	271	21.47	21.55	21.60			
100	QPSK	135	0	20.56	20.66	20.61			
100	QPSK	135	69	21.55	21.67	21.65			
100	QPSK	135	138	20.53	20.84	20.68	21.5	1.0	
100	QPSK	270	0	20.54	20.70	20.60			
100	16QAM	1	1	20.58	20.68	20.61			
100	64QAM	1	1	19.18	19.35	19.16			
100	256QAM	1	1	17.06	17.16	17.15	18.0	4.5	
Channel				648668	650000	662334			
Frequency (MHz)				3745.02	3840	3935.01	22.5	0.0	
90	QPSK	1	1	21.39	21.56	21.56		0.0	
Channel				649334	650000	662668	22.5	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.60	21.52	21.42	22.5	0.0	
Channel				649000	650000	663000			
Frequency (MHz)				3735	3840	3945	22.5	0.0	
70	QPSK	1	1	21.40	21.68	21.52		0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01	22.5	0.0	
60	QPSK	1	1	21.45	21.63	21.49		0.0	
Channel				648334	650000	663668	22.5	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.39	21.61	21.59	22.5	0.0	
Channel				648000	650000	664000			
Frequency (MHz)				3720	3840	3960	22.5	0.0	
40	QPSK	1	1	21.56	21.53	21.39		0.0	
Channel				647668	650000	664334	22.5	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.49	21.71	21.45	22.5	0.0	
Channel				647500	650000	664500			
Frequency (MHz)				3712.5	3840	3967.5	22.5	0.0	
25	QPSK	1	1	21.40	21.54	21.42		0.0	
Channel				647234	650000	664668	22.5	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.60	21.54	21.50	22.5	0.0	
Channel				647168	650000	664834			
Frequency (MHz)				3707.52	3840	3972.51	22.5	0.0	
15	QPSK	1	1	21.51	21.57	21.54		0.0	
Channel				647000	650000	665000	22.5	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.59	21.56	21.40	22.5	0.0	
Channel				646834	650000	665168			
Frequency (MHz)				3702.51	3840	3977.52			

Part270 n78 Ant3									
BW [MHz]	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		18.41		19.5	0.0	
100	PI/2 BPSK	1	137		18.13				
100	PI/2 BPSK	1	271		17.70				
100	PI/2 BPSK	135	0		18.26		19.5	0.0	
100	PI/2 BPSK	135	69		18.22		19.5	0.0	
100	PI/2 BPSK	135	138		17.97		19.5	0.0	
100	PI/2 BPSK	270	0		18.25				
100	QPSK	1	1		18.62				
100	QPSK	1	137		18.24		19.5	0.0	
100	QPSK	1	271		17.70		19.5	0.0	
100	QPSK	135	0		18.18				
100	QPSK	135	69		18.58				
100	QPSK	135	138		18.01		19.5	0.0	
100	QPSK	270	0		18.55				
100	16QAM	1	1		18.29		19.5	0.0	
100	64QAM	1	1		18.37		19.5	0.0	
100	256QAM	1	1		17.46		18.5	1.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	18.30	18.51	18.38	19.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	18.27	18.47	18.44	19.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	18.40	18.38	18.28	19.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	18.36	18.46	18.29	19.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	18.28	18.46	18.29	19.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	18.30	18.53	18.42	19.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	18.41	18.40	18.40	19.5	0.0	
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	18.41	18.51	18.34	19.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	18.32	18.48	18.31	19.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	18.26	18.41	18.36	19.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	18.39	18.54	18.41	19.5	0.0	

Part270 n78 PC2									
BW [MHz]	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		21.56		22.5	0.0	
100	PI/2 BPSK	1	137		21.66				
100	PI/2 BPSK	1	271		21.54				
100	PI/2 BPSK	135	0		21.27		22.0	0.5	
100	PI/2 BPSK	135	69		21.66		22.5	0.0	
100	PI/2 BPSK	135	138		21.21		22.0	0.5	
100	PI/2 BPSK	270	0		21.19				
100	QPSK	1	1		21.73				
100	QPSK	1	137		21.58		22.5	0.0	
100	QPSK	1	271		21.72		21.5	1.0	
100	QPSK	135	0		20.67				
100	QPSK	135	69		21.70				
100	QPSK	135	138		20.83		21.5	1.0	
100	QPSK	270	0		20.65				
100	16QAM	1	1		20.75		21.5	1.0	
100	64QAM	1	1		19.11		20.0	2.5	
100	256QAM	1	1		17.20		18.0	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	21.55	21.68	21.55	22.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	21.55	21.69	21.60	22.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	21.52	21.61	21.58	22.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	21.60	21.57	21.57	22.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	21.49	21.62	21.69	22.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	21.53	21.70	21.66	22.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	21.56	21.63	21.68	22.5	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	21.60	21.71	21.57	22.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	21.60	21.59	21.57	22.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	21.50	21.59	21.61	22.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	21.53	21.69	21.64	22.5	0.0	

Part270 n77 PC2&PC3 Ant5									
BW [MHz]	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	PI/2 BPSK	1	1	15.33	15.51	15.49			
100	PI/2 BPSK	1	137	15.36	15.36	15.50	16.3	0.0	
100	PI/2 BPSK	1	271	15.28	15.36	15.49			
100	PI/2 BPSK	135	0	15.32	15.49	15.42	16.3	0.0	
100	PI/2 BPSK	135	69	15.41	15.52	15.36	16.3	0.0	
100	PI/2 BPSK	135	138	15.33	15.45	15.31			
100	PI/2 BPSK	270	0	15.32	15.44	15.41	16.3	0.0	
100	QPSK	1	1	15.34	15.58	15.32			
100	QPSK	1	137	15.28	15.48	15.42	16.3	0.0	
100	QPSK	1	271	15.36	15.49	15.45			
100	QPSK	135	0	15.29	15.48	15.41	16.3	0.0	
100	QPSK	135	69	15.31	15.52	15.45	16.3	0.0	
100	QPSK	135	138	15.24	15.48	15.30			
100	QPSK	270	0	15.23	15.49	15.33	16.3	0.0	
100	16QAM	1	1	15.24	15.52	15.37	16.3	0.0	
100	64QAM	1	1	15.27	15.40	15.30	16.3	0.0	
100	256QAM	1	1	15.38	15.41	15.25	16.3	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	15.24	15.40	15.14	16.3	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	15.23	15.54	15.10	16.3	0.0	
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	15.19	15.39	15.31	16.3	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.27	15.46	15.12	16.3	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.31	15.38	15.15	16.3	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	15.29	15.38	15.17	16.3	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	15.29	15.38	15.33	16.3	0.0	
Channel				647300	650000	654500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	15.34	15.40	15.31	16.3	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.13	15.37	15.29	16.3	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	15.25	15.38	15.12	16.3	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.15	15.40	15.12	16.3	0.0	

Part270 n78 PC2&3 Ant5									
BW [MHz]	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		15.29				
100	PI/2 BPSK	1	137		15.41		16.3	0.0	
100	PI/2 BPSK	1	271		15.28				
100	PI/2 BPSK	135	0		15.37		16.3	0.0	
100	PI/2 BPSK	135	69		15.45		16.3	0.0	
100	PI/2 BPSK	135	138		15.44		16.3	0.0	
100	PI/2 BPSK	270	0		15.47				
100	QPSK	1	1		15.48				
100	QPSK	1	137		15.32		16.3	0.0	
100	QPSK	1	271		15.30				
100	QPSK	135	0		15.35		16.3	0.0	
100	QPSK	135	69		15.45		16.3	0.0	
100	QPSK	135	138		15.41		16.3	0.0	
100	QPSK	270	0		15.40				
100	16QAM	1	1		15.45		16.3	0.0	
100	64QAM	1	1		15.26		16.3	0.0	
100	256QAM	1	1		15.27		16.3	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	15.32	15.34	15.29	16.3	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.24	15.20	15.24	16.3	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	15.12	15.34	15.20	16.3	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	15.20	15.31	15.23	16.3	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.31	15.27	15.11	16.3	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.34	15.20	15.19	16.3	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	15.27	15.15	15.23	16.3	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	15.14	15.16	15.29	16.3	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	15.11	15.29	15.23	16.3	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	15.17	15.32	15.20	16.3	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	15.17	15.13	15.15	16.3	0.0	

Part270 n77 PC2&PC3 Ant7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.39	14.41	14.44	15.5	0.0	
100	PI/2 BPSK	1	137	14.42	14.52	14.37			
100	PI/2 BPSK	1	271	14.35	14.53	14.39			
100	PI/2 BPSK	135	0	14.39	14.40	14.37			
100	PI/2 BPSK	135	69	14.43	14.47	14.29	15.5	0.0	
100	PI/2 BPSK	135	138	14.32	14.47	14.30			
100	PI/2 BPSK	270	0	14.35	14.40	14.31			
100	QPSK	1	1	14.46	14.55	14.31			
100	QPSK	1	137	14.32	14.37	14.34	15.5	0.0	
100	QPSK	1	271	14.39	14.46	14.30			
100	QPSK	135	0	14.42	14.42	14.34			
100	QPSK	135	69	14.39	14.47	14.33			
100	QPSK	135	138	14.35	14.42	14.35	15.5	0.0	
100	QPSK	270	0	14.38	14.46	14.30			
100	16QAM	1	1	14.37	14.41	14.33			
100	64QAM	1	1	14.40	14.38	14.33			
100	256QAM	1	1	14.34	14.52	14.38	15.5	0.0	
Channel				649668	650000	652334			
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.33	14.47	14.14			
Channel				649334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	14.42	14.38	14.17	15.5	0.0	
Channel				649000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	14.33	14.49	14.17	15.5	0.0	
Channel				648668	650000	653334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	14.33	14.38	14.24	15.5	0.0	
Channel				648334	650000	653668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	14.31	14.48	14.28	15.5	0.0	
Channel				648000	650000	654000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	14.32	14.41	14.13	15.5	0.0	
Channel				647668	650000	654334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	14.37	14.49	14.15	15.5	0.0	
Channel				647300	650000	654500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)	
25	QPSK	1	1	14.32	14.43	14.23	15.5	0.0	
Channel				647234	650000	654668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	14.41	14.42	14.27	15.5	0.0	
Channel				647168	650000	654834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	14.38	14.37	14.19	15.5	0.0	
Channel				647000	650000	655000	Tune-up limit	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	14.40	14.36	14.21	15.5	0.0	

Part270 n78 PC3 Ant7									
BW [MHz]	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		14.41		15.5	0.0	
100	PI/2 BPSK	1	137		14.46				
100	PI/2 BPSK	1	271		14.43				
100	PI/2 BPSK	135	0		14.34				
100	PI/2 BPSK	135	69		14.48		15.5	0.0	
100	PI/2 BPSK	135	138		14.43				
100	PI/2 BPSK	270	0		14.30				
100	QPSK	1	1		14.59				
100	QPSK	1	137		14.31		15.5	0.0	
100	QPSK	1	271		14.40				
100	QPSK	135	0		14.42				
100	QPSK	135	69		14.53				
100	QPSK	135	138		14.49		15.5	0.0	
100	QPSK	270	0		14.46				
100	16QAM	1	1		14.54			15.5	
100	64QAM	1	1		14.49				
100	256QAM	1	1		14.31				
Channel				649668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	14.50	14.37	14.40	15.5	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	14.38	14.39	14.49	15.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	14.52	14.32	14.34	15.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	14.49	14.55	14.44	15.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	14.35	14.39	14.55	15.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	14.42	14.39	14.35	15.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	14.54	14.44	14.47	15.5	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	14.54	14.54	14.47	15.5	0.0	
Channel				647234	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	14.43	14.40	14.43	15.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	14.55	14.33	14.38	15.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	14.38	14.54	14.40	15.5	0.0	

Part270 n77 PC3 Ant9									
BW [MHz]	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	20.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	19.22	19.21	19.08	20.5	0.0	
100	PI/2 BPSK	1	137	18.84	18.88	18.84			
100	PI/2 BPSK	1	271	18.55	18.74	18.63			
100	PI/2 BPSK	135	0	18.92	19.08	18.97			
100	PI/2 BPSK	135	69	18.75	18.96	18.75	20.5	0.0	
100	PI/2 BPSK	135	138	18.91	18.91	18.78	20.5	0.0	
100	PI/2 BPSK	270	0	18.93	18.92	18.83			
100	QPSK	1	1	19.20	19.28	19.05	20.5	0.0	
100	QPSK	1	137	18.93	18.99	18.77			
100	QPSK	1	271	18.72	18.75	18.68			
100	QPSK	135	0	18.93	18.94	18.95			
100	QPSK	135	69	18.92	19.14	18.95	20.5	0.0	
100	QPSK	135	138	18.88	19.04	18.89	20.5	0.0	
100	QPSK	270	0	18.90	19.02	18.91			
100	16QAM	1	1	19.02	19.02	19.01	20.5	0.0	
100	64QAM	1	1	18.88	19.09	19.07	20.5	0.0	
100	256QAM	1	1	18.16	18.17	18.00	19.5	4.0	
Channel				648668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	19.09	19.25	18.95	20.5	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.17	19.22	19.04	20.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	19.20	19.14	18.84	20.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.14	19.17	18.89	20.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	19.04	19.10	19.04	20.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.19	19.18	18.95	20.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	19.09	19.21	18.90	20.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	19.16	19.25	18.84	20.5	0.0	
Channel				647234	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.99	19.08	18.99	20.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.18	19.09	18.85	20.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.03	19.09	18.90	20.5	0.0	

Part270 n77 PC2									
BW [MHz]	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	23.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.23	22.14	22.19	23.5	0.0	
100	PI/2 BPSK	1	137	22.24	22.28	22.16			
100	PI/2 BPSK	1	271	22.12	22.28	22.08			
100	PI/2 BPSK	135	0	21.68	21.66	21.50			
100	PI/2 BPSK	135	69	22.16	22.26	22.05	23.5	0.0	
100	PI/2 BPSK	135	138	22.25	22.24	22.16	23.0	0.5	
100	PI/2 BPSK	270	0	22.24	22.13	21.98			
100	QPSK	1	1	22.19	22.35	22.08	23.5	0.0	
100	QPSK	1	137	22.21	22.22	22.01			
100	QPSK	1	271	22.10	22.13	22.08			
100	QPSK	135	0	21.25	21.29	21.01			
100	QPSK	135	69	22.15	22.29	22.07	23.5	0.0	
100	QPSK	135	138	21.31	21.19	20.98	22.5	1.0	
100	QPSK	270	0	21.15	21.38	21.04			
100	16QAM	1	1	21.17	21.19	21.08	22.5	1.0	
100	64QAM	1	1	19.63	19.76	19.68	21.0	2.5	
100	256QAM	1	1	17.59	17.72	17.57	19.0	4.5	
Channel				648668	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.29	22.15	22.12	23.5	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.19	22.18	22.00	23.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.15	22.31	22.00	23.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.16	22.13	22.16	23.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.14	22.24	22.03	23.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.06	22.13	22.10	23.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.27	22.34	22.17	23.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.17	22.28	22.04	23.5	0.0	
Channel				647234	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.08	22.16	21.98	23.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.20	22.17	22.11	23.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.15	22.30	21.96	23.5	0.0	

Part270 n78 PC3 Ant9									
BW [MHz]	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		19.18		20.5		0.0
100	PI/2 BPSK	1	137		18.87				
100	PI/2 BPSK	1	271		18.78				
100	PI/2 BPSK	135	0		19.04		20.5	0.0	
100	PI/2 BPSK	135	69		18.95		20.5	0.0	
100	PI/2 BPSK	135	138		18.87		20.5	0.0	0.0
100	PI/2 BPSK	270	0		19.00				
100	QPSK	1	1		19.20				
100	QPSK	1	137		18.90		20.5	0.0	
100	QPSK	1	271		18.79				
100	QPSK	135	0		19.00		20.5	0.0	
100	QPSK	135	69		19.00		20.5	0.0	
100	QPSK	135	138		18.88		20.5	0.0	
100	QPSK	270	0		19.05				
100	16QAM	1	1		19.07		20.5	0.0	
100	64QAM	1	1		19.06		20.5	0.0	
100	256QAM	1	1		18.20		19.5	1.0	
Channel				649668	650000	650334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3750	3755.01	(dbm)		
90	QPSK	1	1	19.00	18.98	19.10	20.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3750	3760.02	(dbm)		
80	QPSK	1	1	18.95	18.98	19.07	20.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3750	3765	(dbm)		
70	QPSK	1	1	18.85	18.90	19.10	20.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3750	3770.01	(dbm)		
60	QPSK	1	1	19.02	18.78	18.50	20.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3750	3775.02	(dbm)		
50	QPSK	1	1	18.81	18.98	19.01	20.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3750	3780	(dbm)		
40	QPSK	1	1	19.00	18.85	18.97	20.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3750	3785.01	(dbm)		
30	QPSK	1	1	18.95	18.84	18.98	20.5	0.0	
Channel				647500	650000	652500	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3712.5	3750	3787.5	(dbm)		
25	QPSK	1	1	19.02	18.94	19.08	20.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3750	3790.02	(dbm)		
20	QPSK	1	1	18.78	18.82	19.01	20.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3750	3792.51	(dbm)		
15	QPSK	1	1	19.02	18.88	19.01	20.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3750	3795	(dbm)		
10	QPSK	1	1	18.95	18.83	18.98	20.5	0.0	

Part270 n78 PC2									
BW [MHz]	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		21.94		23.5	0.0	
100	PI/2 BPSK	1	137		21.96				
100	PI/2 BPSK	1	271		21.88				
100	PI/2 BPSK	135	0		21.29		23.0	0.5	
100	PI/2 BPSK	135	69		21.92		23.5	0.0	
100	PI/2 BPSK	135	138		22.00		23.0	0.5	
100	PI/2 BPSK	270	0		21.77				
100	QPSK	1	1		22.28				
100	QPSK	1	137		21.86		23.5	0.0	
100	QPSK	1	271		21.91				
100	QPSK	135	0		20.95		22.5	1.0	
100	QPSK	135	69		22.15		23.5	0.0	
100	QPSK	135	138		20.87		22.5	1.0	
100	QPSK	270	0		21.13				
100	16QAM	1	1		20.95		22.5	1.0	
100	64QAM	1	1		19.35		21.0	2.5	
100	256QAM	1	1		17.50		19.0	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.24	22.17	22.09	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.02	22.23	22.08	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.08	22.20	22.05	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		22.13	22.25	21.98	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		22.04	22.14	22.11	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.14	22.14	22.07	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		22.00	22.24	22.10	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		22.11	22.15	22.09	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		22.03	22.18	22.08	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.00	22.24	21.99	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.05	22.14	22.06	23.5	0.0

Reduced Power Mode for ECI 3

n5 Ant0								
BW [MHz]	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	22.85	22.72	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60	24.0	0.0

n26 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.52	22.67	22.56	23.5	0.0
20	QPSK	50	28	22.41	22.60	22.54	23.5	0.0
20	QPSK	100	0	22.55	22.56	22.52	23.5	0.0

n7 Ant1								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.07	21.16	20.93	22.2	0.0
50	QPSK	135	68	21.01	21.12	20.90	22.2	0.0
50	QPSK	270	0	20.93	21.04	20.91	22.2	0.0

n38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	19.49	19.71	19.59	20.7	0.0
40	QPSK	50	28	19.53	19.62	19.60	20.7	0.0
40	QPSK	100	0	19.51	19.61	19.57	20.7	0.0

n41 Ant1								
BW [MHz]	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	19.36	19.62	19.61	20.7	0.0
100	QPSK	135	68	19.50	19.60	19.54	20.7	0.0
100	QPSK	270	0	19.58	19.59	19.44	20.7	0.0

n5 Ant4								
BW [MHz]	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	22.74	22.89	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65	24.0	0.0

n7 Ant4								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	19.08	19.16	19.13	20.6	0.0
50	QPSK	135	68	19.92	19.05	19.94	20.6	0.0
50	QPSK	270	0	19.65	19.85	19.71	20.6	0.0

n26 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.76	22.87	22.57	23.5	0.0
20	QPSK	50	28	22.59	22.80	22.59	23.5	0.0
20	QPSK	100	0	22.70	22.74	22.56	23.5	0.0

n38 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	18.21	18.25	17.98	19.4	0.0
40	QPSK	50	28	18.03	18.21	18.02	19.4	0.0
40	QPSK	100	0	18.16	18.20	17.85	19.4	0.0

n41 Ant4								
BW [MHz]	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	18.07	18.29	18.07	19.4	0.0
100	QPSK	135	68	18.02	18.25	18.07	19.4	0.0
100	QPSK	270	0	18.06	18.23	18.20	19.4	0.0

n71									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI2 BPSK	1	1	23.07	23.13	22.97	24.0	0.0	
20	PI2 BPSK	1	53	22.98	23.01	22.91			
20	PI2 BPSK	1	104	22.97	23.00	22.83			
20	PI2 BPSK	50	0	23.09	23.13	22.90	24.0	0.0	
20	PI2 BPSK	50	28	22.98	22.98	22.98	24.0	0.0	
20	PI2 BPSK	50	56	22.83	23.05	22.94	24.0	0.0	
20	PI2 BPSK	100	0	22.98	22.98	22.92	24.0	0.0	
20	QPSK	1	1	23.12	23.18	23.16			
20	QPSK	1	53	23.01	23.09	23.03			
20	QPSK	1	104	22.98	23.14	23.09	24.0	0.0	
20	QPSK	50	0	22.82	22.85	22.86			
20	QPSK	50	28	23.03	23.14	23.04			
20	QPSK	50	56	22.74	22.83	22.72	24.0	0.0	
20	QPSK	100	0	22.81	22.94	22.80	24.0	0.0	
20	16QAM	1	1	22.89	22.98	22.83			
20	64QAM	1	1	22.81	22.97	22.81			
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0	
Channel				133600	136100	138600			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.02	23.06	23.10	24.0	0.0	
Channel				133100	136100	139100			
Frequency (MHz)				665.5	680.5	696.5			
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0	

n71											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				134600	136100	137600					
Frequency (MHz)				673	680.5	688					
20	PI2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0			
20	PI2 BPSK	1	53	22.82	22.76	22.68					
20	PI2 BPSK	1	104	22.74	22.77	22.68					
20	PI2 BPSK	50	0	22.84	22.92	22.71	24.0	0.0			
20	PI2 BPSK	50	28	22.78	22.77	22.76	24.0	0.0			
20	PI2 BPSK	50	56	22.68	22.81	22.70	24.0	0.0			
20	PI2 BPSK	100	0	22.78	22.80	22.75					
20	QPSK	1	1	22.96	22.98	22.91					
20	QPSK	1	53	22.78	22.94	22.77	24.0	0.0			
20	QPSK	1	104	22.75	22.91	22.87	24.0	0.0			
20	QPSK	50	0	22.66	22.89	22.61					
20	QPSK	50	28	22.86	22.89	22.81					
20	QPSK	50	56	22.56	22.63	22.46	24.0	0.0			
20	QPSK	100	0	22.65	22.75	22.63					
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0			
20	64QAM	1	1	22.67	22.72	22.62	24.0	0.0			
20	256QAM	1	1	21.25	21.38	21.29	22.5	1.5			
Channel				134100	136100	138100					
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0			
Channel				133600	136100	138600					
Frequency (MHz)				668	680.5	693					
10	QPSK	1	1	22.88	22.91	22.81	24.0	0.0			
Channel				133100	136100	139100					
Frequency (MHz)				665.5	680.5	696.5					
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0			

Part270 N77 Ant3 PC3/PC2											
BW [MHz]	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	13.9	0.0			
Frequency (MHz)				3750	3840	3930					
100	PI/2 BPSK	1	1	12.65	12.68	12.63	13.9	0.0			
100	PI/2 BPSK	1	137	12.61	12.68	12.62					
100	PI/2 BPSK	1	271	12.60	12.71	12.53					
100	PI/2 BPSK	135	0	12.52	12.70	12.63					
100	PI/2 BPSK	135	69	12.52	12.72	12.61	13.9	0.0			
100	PI/2 BPSK	135	138	12.64	12.73	12.60	13.9	0.0			
100	PI/2 BPSK	270	0	12.59	12.75	12.53	13.9	0.0			
100	QPSK	1	1	12.53	12.61	12.54					
100	QPSK	1	137	12.54	12.75	12.62					
100	QPSK	1	271	12.66	12.74	12.64					
100	QPSK	135	0	12.61	12.78	12.60	13.9	0.0			
100	QPSK	135	69	12.57	12.61	12.60	13.9	0.0			
100	QPSK	135	138	12.58	12.73	12.57	13.9	0.0			
100	QPSK	270	0	12.66	12.77	12.65	13.9	0.0			
100	16QAM	1	1	12.64	12.76	12.57					
100	64QAM	1	1	12.53	12.79	12.57					
100	256QAM	1	1	12.63	12.77	12.58					
Channel				649968	650000	652334	Tune-up limit (dBm)				
Frequency (MHz)				3745.02	3840	3935.01 <th colspan="3">13.9</th>	13.9				
90	QPSK	1	1	12.55	12.67	12.59	13.9	0.0			
Channel				649334	650000	650668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3840	3940.02 <th colspan="3">13.9</th>	13.9				
80	QPSK	1	1	12.58	12.66	12.55	13.9	0.0			
Channel				649000	650000	650300	Tune-up limit (dBm)				
Frequency (MHz)				3735 <th>3840</th> <th>3945<th colspan="3">13.9</th></th>	3840	3945 <th colspan="3">13.9</th>	13.9				
70	QPSK	1	1	12.62	12.76	12.55	13.9	0.0			
Channel				648668	650000	653334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3840	3950.01 <th colspan="3">13.9</th>	13.9				
60	QPSK	1	1	12.53	12.76	12.61	13.9	0.0			
Channel				648334	650000	653668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3840	3955.02 <th colspan="3">13.9</th>	13.9				
50	QPSK	1	1	12.56	12.71	12.58	13.9	0.0			
Channel				648000	650000	654000	Tune-up limit (dBm)				
Frequency (MHz)				3720 <th>3840</th> <th>3960<th colspan="3">13.9</th></th>	3840	3960 <th colspan="3">13.9</th>	13.9				
40	QPSK	1	1	12.52	12.67	12.54	13.9	0.0			
Channel				647668	650000	654334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02 <th>3840</th> <th>3965.01<th colspan="3">13.9</th></th>	3840	3965.01 <th colspan="3">13.9</th>	13.9				
30	QPSK	1	1	12.55	12.70	12.65	13.9	0.0			
Channel				647334	650000	654500	Tune-up limit (dBm)				
Frequency (MHz)				3712.5 <th>3840</th> <th>3967.5<th colspan="3">13.9</th></th>	3840	3967.5 <th colspan="3">13.9</th>	13.9				
25	QPSK	1	1	12.57	12.76	12.54	13.9	0.0			
Channel				647000	650000	654668	Tune-up limit (dBm)				
Frequency (MHz)				3707.51 <th>3840</th> <th>3970.02<th colspan="3">13.9</th></th>	3840	3970.02 <th colspan="3">13.9</th>	13.9				
20	QPSK	1	1	12.57	12.80	12.55	13.9	0.0			
Channel				647168	650000	654834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52 <th>3840</th> <th>3972.51<th colspan="3">13.9</th></th>	3840	3972.51 <th colspan="3">13.9</th>	13.9				
15	QPSK	1	1	12.65	12.68	12.67	13.9	0.0			
Channel				647000	650000	654900	Tune-up limit (dBm)				
Frequency (MHz)				3705 <th>3840</th> <th>3975<th colspan="3">13.9</th></th>	3840	3975 <th colspan="3">13.9</th>	13.9				
10	QPSK	1	1	12.65	12.77	12.58	13.9	0.0			

Part270 n78 Ant3 PC3/PC2											
BW [MHz]	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	13.9	0.0			
Frequency (MHz)				3750	3750	3750					
100	PI/2 BPSK	1	1	12.65			13.9	0.0			
100	PI/2 BPSK	1	137	12.52							
100	PI/2 BPSK	1	271	12.65							
100	PI/2 BPSK	135	0	12.53							
100	PI/2 BPSK	135	69	12.58			13.9	0.0			
100	PI/2 BPSK	135	138	12.57			13.9	0.0			
100	PI/2 BPSK	270	0	12.66			13.9	0.0			
100	QPSK	1	1	12.76							
100	QPSK	1	137	12.64							
100	QPSK	1	271	12.68							
100	QPSK	135	0	12.70			13.9	0.0			
100	QPSK	135	69	12.73			13.9	0.0			
100	QPSK	135	138	12.63			13.9	0.0			
100	QPSK	270	0	12.69			13.9	0.0			
100	16QAM	1	1	12.63							
100	64QAM	1	1	12.64							
100	256QAM	1	1	12.73							
Channel				649968	650000	650334	Tune-up limit (dBm)				
Frequency (MHz)				3744.02	3750	3756.01	13.9				
90	QPSK	1	1	12.62	12.64	12.55	13.9	0.0			
Channel				649334	650000	650668	Tune-up limit (dBm)				
Frequency (MHz)				3740.01	3750	3760.02	13.9				
80	QPSK	1	1	12.60	12.54	12.51	13.9	0.0			
Channel				649000	650000	650300	Tune-up limit (dBm)				
Frequency (MHz)				3735	3750	3765	13.9				
70	QPSK	1	1	12.65	12.55	12.61	13.9	0.0			
Channel				648668	650000	650334	Tune-up limit (dBm)				
Frequency (MHz)				3730.02	3750	3770.01	13.9				
60	QPSK	1	1	12.63	12.61	12.66	13.9	0.0			
Channel				648334	650000	650668	Tune-up limit (dBm)				
Frequency (MHz)				3725.01	3750	3775.02	13.9				
50	QPSK	1	1	12.50	12.51	12.55	13.9	0.0			
Channel				648000	650000	650300	Tune-up limit (dBm)				
Frequency (MHz)				3720	3750	3780	13.9				
40	QPSK	1	1	12.51	12.57	12.56	13.9	0.0			
Channel				647668	650000	650334	Tune-up limit (dBm)				
Frequency (MHz)				3715.02	3750	3785.01	13.9				
30	QPSK	1	1	12.60	12.55	12.59	13.9	0.0			
Channel				647334	650000	650500	Tune-up limit (dBm)				
Frequency (MHz)				3712.5	3750	3787.5	13.9				
25	QPSK	1	1	12.66	12.65	12.62	13.9	0.0			
Channel				647000	650000	650668	Tune-up limit (dBm)				
Frequency (MHz)				3707.51	3750	3790.02	13.9				
20	QPSK	1	1	12.61	12.63	12.62	13.9	0.0			
Channel				647168	650000	650834	Tune-up limit (dBm)				
Frequency (MHz)				3707.52	3750	3792.51	13.9				
15	QPSK	1	1	12.52	12.61	12.63	13.9	0.0			
Channel				647000	650000	650300	Tune-up limit (dBm)				
Frequency (MHz)				3705	3750	3795	13.9				
10	QPSK	1	1	12.59	12.62	12.64	13.9	0.0			

Part270 n77 Ant5 PC3/PC2									
BW [MHz]	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	18.4	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.10	17.14	16.99	18.4	0.0	
100	PI/2 BPSK	1	137	17.06	17.15	16.88			
100	PI/2 BPSK	1	271	17.02	17.11	17.00			
100	PI/2 BPSK	135	0	17.06	17.08	16.89			
100	PI/2 BPSK	135	69	16.98	17.14	16.97	18.4	0.0	
100	PI/2 BPSK	135	138	17.03	17.11	16.94	18.4	0.0	
100	PI/2 BPSK	270	0	16.98	17.11	16.93	18.4	0.0	
100	QPSK	1	1	17.05	17.20	16.92			
100	QPSK	1	137	17.04	17.17	16.91			
100	QPSK	1	271	16.97	17.11	16.92			
100	QPSK	135	0	17.01	17.00	17.00	18.4	0.0	
100	QPSK	135	69	17.08	17.20	16.89	18.4	0.0	
100	QPSK	135	138	17.06	17.08	16.99	18.4	0.0	
100	QPSK	270	0	17.10	17.16	17.02	18.4	0.0	
100	16QAM	1	1	17.05	17.12	16.97			
100	64QAM	1	1	17.01	17.21	16.91			
100	256QAM	1	1	16.97	17.18	16.94			
Channel				649968	650032	650334	18.4	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.02	17.21	16.93	18.4	0.0	
Channel				649334	650000	650668	18.4	MPR	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.09	17.24	16.89	18.4	0.0	
Channel				649000	650000	650300	18.4	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.12	17.15	16.83	18.4	0.0	
Channel				648668	650000	650334	18.4	MPR	
Frequency (MHz)				3730.02	3840	3920.01			
60	QPSK	1	1	16.98	17.18	16.85	18.4	0.0	
Channel				648334	650000	650668	18.4	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.96	17.16	16.95	18.4	0.0	
Channel				648000	650000	650300	18.4	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.97	17.13	16.94	18.4	0.0	
Channel				647668	650000	650334	18.4	MPR	
Frequency (MHz)				3715.02	3840	3955.01			
30	QPSK	1	1	16.90	17.23	16.90	18.4	0.0	
Channel				647334	650000	650300	18.4	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	17.02	17.23	16.93	18.4	0.0	
Channel				647000	650000	650668	18.4	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.02	17.27	16.88	18.4	0.0	
Channel				647168	650000	650834	18.4	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.05	17.25	16.91	18.4	0.0	
Channel				647000	650000	650300	18.4	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.11	17.28	16.83	18.4	0.0	

Part270 n78 Ant5 PC3/PC2									
BW [MHz]	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	18.4	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1	17.02			18.4	0.0	
100	PI/2 BPSK	1	137	17.05					
100	PI/2 BPSK	1	271	17.01					
100	PI/2 BPSK	135	0	17.07					
100	PI/2 BPSK	135	69	17.05			18.4	0.0	
100	PI/2 BPSK	135	138	17.20			18.4	0.0	
100	PI/2 BPSK	270	0	16.99			18.4	0.0	
100	QPSK	1	1	17.28					
100	QPSK	1	137	17.12					
100	QPSK	1	271	17.20					
100	QPSK	135	0	17.09			18.4	0.0	
100	QPSK	135	69	17.21			18.4	0.0	
100	QPSK	135	138	17.18			18.4	0.0	
100	QPSK	270	0	17.19			18.4	0.0	
100	16QAM	1	1	17.10					
100	64QAM	1	1	17.20					
100	256QAM	1	1	17.09					
Channel				649968	650032	650334	18.4	MPR	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	17.21	17.20	17.21	18.4	0.0	
Channel				649334	650000	650668	18.4	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	17.23	17.21	17.12	18.4	0.0	
Channel				649000	650000	650300	18.4	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	17.12	17.25	17.16	18.4	0.0	
Channel				648668	650000	650334	18.4	MPR	
Frequency (MHz)				3730.02	3750	3720.01			
60	QPSK	1	1	17.20	17.19	17.17	18.4	0.0	
Channel				648334	650000	650668	18.4	MPR	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	17.20	17.12	17.16	18.4	0.0	
Channel				648000	650000	650300	18.4	MPR	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	17.19	17.22	17.11	18.4	0.0	
Channel				647668	650000	650334	18.4	MPR	
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1	17.21	17.21	17.07	18.4	0.0	
Channel				647334	650000	650300	18.4	MPR	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1	17.23	17.27	17.13	18.4	0.0	
Channel				647000	650000	650668	18.4	MPR	
Frequency (MHz)				3710.01	3750	3720.02			
20	QPSK	1	1	17.16	17.11	17.19	18.4	0.0	
Channel				647168	650000	650834	18.4	MPR	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	17.23	17.13	17.18	18.4	0.0	
Channel				647000	650000	650300	18.4	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	17.27	17.26	17.18	18.4	0.0	

Part270 N77 Ant7 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	65000	18.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	17.39	17.42	17.34	18.6	0.0	
100	PI/2 BPSK	1	137	17.38	17.47	17.42			
100	PI/2 BPSK	1	271	17.44	17.52	17.31			
100	PI/2 BPSK	135	0	17.43	17.48	17.35			
100	PI/2 BPSK	135	69	17.48	17.46	17.35	18.6	0.0	
100	PI/2 BPSK	135	138	17.36	17.50	17.30	18.6	0.0	
100	PI/2 BPSK	270	0	17.37	17.43	17.44	18.6	0.0	
100	QPSK	1	1	17.42	17.55	17.30			
100	QPSK	1	137	17.44	17.49	17.42			
100	QPSK	1	271	17.38	17.46	17.37			
100	QPSK	135	0	17.31	17.47	17.43	18.6	0.0	
100	QPSK	135	69	17.42	17.50	17.36	18.6	0.0	
100	QPSK	135	138	17.33	17.43	17.42	18.6	0.0	
100	QPSK	270	0	17.38	17.41	17.39	18.6	0.0	
100	16QAM	1	1	17.33	17.43	17.32	18.6	0.0	
100	64QAM	1	1	17.35	17.41	17.42	18.6	0.0	
100	256QAM	1	1	17.37	17.49	17.34	18.6	0.0	
Channel				64998	65002	65034	18.6	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	17.48	17.40	17.44	18.6	0.0	
Channel				649334	650000	650668	18.6	MPR	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	17.37	17.51	17.50	18.6	0.0	
Channel				649000	650000	650300	18.6	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	17.34	17.45	17.44	18.6	0.0	
Channel				648668	650000	651334	18.6	MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	17.45	17.43	17.37	18.6	0.0	
Channel				648334	650000	650668	18.6	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	17.41	17.44	17.29	18.6	0.0	
Channel				648000	650000	650300	18.6	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	17.38	17.45	17.43	18.6	0.0	
Channel				647668	650000	651334	18.6	MPR	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	17.29	17.51	17.53	18.6	0.0	
Channel				647000	650000	650500	18.6	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	17.38	17.39	17.34	18.6	0.0	
Channel				647334	650000	650668	18.6	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	17.41	17.40	17.42	18.6	0.0	
Channel				647168	650000	650834	18.6	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	17.35	17.53	17.43	18.6	0.0	
Channel				647000	650000	650300	18.6	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	17.43	17.37	17.44	18.6	0.0	

Part270 n78 Ant7 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	65000	18.6	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		17.29		18.6	0.0	
100	PI/2 BPSK	1	137		17.40				
100	PI/2 BPSK	1	271		17.39				
100	PI/2 BPSK	135	0		17.43				
100	PI/2 BPSK	135	69		17.32		18.6	0.0	
100	PI/2 BPSK	135	138		17.36		18.6	0.0	
100	PI/2 BPSK	270	0		17.35		18.6	0.0	
100	QPSK	1	1		17.46				
100	QPSK	1	137		17.37				
100	QPSK	1	271		17.29				
100	QPSK	135	0		17.37		18.6	0.0	
100	QPSK	135	69		17.40		18.6	0.0	
100	QPSK	135	138		17.30		18.6	0.0	
100	QPSK	270	0		17.23		18.6	0.0	
100	16QAM	1	1		17.31		18.6	0.0	
100	64QAM	1	1		17.33		18.6	0.0	
100	256QAM	1	1		17.36		18.6	0.0	
Channel				649668	650000	650334	18.6	MPR	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	17.37	17.29	17.28	18.6	0.0	
Channel				649334	650000	650668	18.6	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	17.22	17.29	17.32	18.6	0.0	
Channel				649000	650000	651000	18.6	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	17.37	17.35	17.40	18.6	0.0	
Channel				648668	650000	651334	18.6	MPR	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	17.30	17.32	17.26	18.6	0.0	
Channel				648334	650000	651668	18.6	MPR	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	17.32	17.31	17.30	18.6	0.0	
Channel				648000	650000	650300	18.6	MPR	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	17.40	17.33	17.26	18.6	0.0	
Channel				647668	650000	652334	18.6	MPR	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	17.26	17.25	17.26	18.6	0.0	
Channel				647000	650000	652500	18.6	MPR	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	17.33	17.34	17.26	18.6	0.0	
Channel				647334	650000	652668	18.6	MPR	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	17.38	17.34	17.31	18.6	0.0	
Channel				647168	650000	652834	18.6	MPR	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	17.44	17.25	17.29	18.6	0.0	
Channel				647000	650000	653000	18.6	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	17.37	17.30	17.39	18.6	0.0	

Part270 n77 Ant9 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	65000	17.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.24	16.40	16.03	17.6	0.0	
100	PI/2 BPSK	1	137	16.22	16.34	16.01			
100	PI/2 BPSK	1	271	16.26	16.28	16.11			
100	PI/2 BPSK	135	0	16.21	16.30	16.11			
100	PI/2 BPSK	135	69	16.15	16.30	16.12	17.6	0.0	
100	PI/2 BPSK	135	138	16.20	16.34	16.05	17.6	0.0	
100	PI/2 BPSK	270	0	16.23	16.31	16.02	17.6	0.0	
100	QPSK	1	1	16.19	16.42	16.06			
100	QPSK	1	137	16.25	16.29	16.11			
100	QPSK	1	271	16.23	16.33	16.04			
100	QPSK	135	0	16.26	16.31	16.14	17.6	0.0	
100	QPSK	135	69	16.12	16.41	16.00	17.6	0.0	
100	QPSK	135	138	16.21	16.29	16.10	17.6	0.0	
100	QPSK	270	0	16.24	16.35	16.05			
100	16QAM	1	1	16.12	16.36	16.05	17.6	0.0	
100	64QAM	1	1	16.17	16.38	16.02	17.6	0.0	
100	256QAM	1	1	16.12	16.32	16.12	17.6	0.0	
Channel				64968	65000	65034	17.6	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.16	16.16	15.95	17.6	0.0	
Channel				649334	650000	650668	17.6	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.07	16.17	15.93	17.6	0.0	
Channel				649000	650000	650300	17.6	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	16.08	16.16	15.89	17.6	0.0	
Channel				648668	650000	650334	17.6	0.0	
Frequency (MHz)				3730.02	3840	3930.01			
60	QPSK	1	1	16.05	16.26	15.88	17.6	0.0	
Channel				648334	650000	650668	17.6	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.16	16.16	15.98	17.6	0.0	
Channel				648000	650000	650300	17.6	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.17	16.28	16.03	17.6	0.0	
Channel				647668	650000	650334	17.6	0.0	
Frequency (MHz)				3715.02	3840	3955.01			
30	QPSK	1	1	16.00	16.24	15.95	17.6	0.0	
Channel				647300	650000	650500	17.6	0.0	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	16.06	16.27	15.92	17.6	0.0	
Channel				647334	650000	650668	17.6	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.11	16.16	15.92	17.6	0.0	
Channel				647168	650000	650834	17.6	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	16.09	16.20	15.89	17.6	0.0	
Channel				647000	650000	650300	17.6	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	16.04	16.28	15.90	17.6	0.0	

Part270 n78 Ant9 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	65000	17.6	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		16.28		17.6	0.0	
100	PI/2 BPSK	1	137		16.16				
100	PI/2 BPSK	1	271		16.28				
100	PI/2 BPSK	135	0		16.27				
100	PI/2 BPSK	135	69		16.24		17.6	0.0	
100	PI/2 BPSK	135	138		16.27		17.6	0.0	
100	PI/2 BPSK	270	0		16.24		17.6	0.0	
100	QPSK	1	1		16.27				
100	QPSK	1	137		16.19				
100	QPSK	1	271		16.21				
100	QPSK	135	0		16.20		17.6	0.0	
100	QPSK	135	69		16.28		17.6	0.0	
100	QPSK	135	138		16.15		17.6	0.0	
100	QPSK	270	0		16.21				
100	16QAM	1	1		16.22		17.6	0.0	
100	64QAM	1	1		16.26		17.6	0.0	
100	256QAM	1	1		16.24		17.6	0.0	
Channel				64968	65000	65034	17.6	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	16.34	16.29	16.35	17.6	0.0	
Channel				649334	650000	650668	17.6	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	16.23	16.31	16.29	17.6	0.0	
Channel				649000	650000	650300	17.6	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	16.30	16.27	16.27	17.6	0.0	
Channel				648668	650000	650334	17.6	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	16.25	16.28	16.30	17.6	0.0	
Channel				648334	650000	650668	17.6	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	16.36	16.30	16.36	17.6	0.0	
Channel				648000	650000	650300	17.6	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.29	16.32	16.31	17.6	0.0	
Channel				647668	650000	650334	17.6	0.0	
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1	16.35	16.31	16.36	17.6	0.0	
Channel				647300	650000	650500	17.6	0.0	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	16.27	16.34	16.35	17.6	0.0	
Channel				647334	650000	650668	17.6	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	16.27	16.34	16.30	17.6	0.0	
Channel				647168	650000	650834	17.6	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	16.26	16.35	16.27	17.6	0.0	
Channel				647000	650000	650300	17.6	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	16.28	16.28	16.28	17.6	0.0	

Reduced Power Mode for ECI 4

n5 Ant0								
BW [MHz]	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	22.37	22.58	22.41	24.0	0.0
20	QPSK	50	28	22.45	22.53	22.40	24.0	0.0
20	QPSK	100	0	22.20	22.46	22.44	24.0	0.0

n7 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509000	507000	509000	24.0	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	22.87	23.06	22.83	24.0	0.0
50	QPSK	135	69	22.94	23.03	22.93	24.0	0.0
50	QPSK	270	0	22.86	22.88	22.82	24.0	0.0

n5 Ant4								
BW [MHz]	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	22.69	22.62	22.80	24.0	0.0
20	QPSK	50	28	22.72	22.79	22.63	24.0	0.0
20	QPSK	100	0	22.59	22.81	22.54	24.0	0.0

n38 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2546.01	2559.99	2545		
40	QPSK	1	1	22.96	23.00	22.87	24.0	0.0
40	QPSK	50	28	22.83	23.09	23.02	24.0	0.0
40	QPSK	100	0	22.71	22.93	22.88	24.0	0.0

n26 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.55	22.69	22.81	24.0	0.0
20	QPSK	50	28	22.47	22.68	22.56	24.0	0.0
20	QPSK	100	0	22.57	22.65	22.58	24.0	0.0

n38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	24.0	0.0
Frequency (MHz)				2590.02	2598	2599.98		
40	QPSK	1	1	22.96	23.01	22.98	24.0	0.0
40	QPSK	50	28	22.80	22.97	22.81	24.0	0.0
40	QPSK	100	0	22.92	22.95	22.81	24.0	0.0

n7 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509000	507000	509000	24.0	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	22.92	23.02	22.72	24.0	0.0
50	QPSK	135	68	22.81	22.96	22.83	24.0	0.0
50	QPSK	270	0	22.74	22.87	22.62	24.0	0.0

n41 Ant4								
BW [MHz]	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	518998	528900	24.0	0.0
Frequency (MHz)				2546.01	2599.99	2545		
100	QPSK	1	1	22.92	23.11	23.07	24.0	0.0
100	QPSK	135	69	22.83	23.04	23.00	24.0	0.0
100	QPSK	270	0	22.99	23.05	22.87	24.0	0.0

n41 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				538200	518998	538000	24.0	0.0
Frequency (MHz)				2546.01	2599.99	2840		
100	QPSK	1	1	23.04	23.13	23.03	24.0	0.0
100	QPSK	135	69	22.89	23.03	22.94	24.0	0.0
100	QPSK	270	0	22.81	22.85	22.88	24.0	0.0

n26 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.79	22.89	22.69	24.0	0.0
20	QPSK	50	28	22.65	22.78	22.65	24.0	0.0
20	QPSK	100	0	22.69	22.81	22.64	24.0	0.0

n71									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PV2 BPSK	1	1	23.07	23.13	22.97	24.0	0.0	
20	PV2 BPSK	1	53	22.98	23.01	22.91			
20	PV2 BPSK	1	104	22.97	23.00	22.83			
20	PV2 BPSK	50	0	23.09	23.13	22.90	24.0	0.0	
20	PV2 BPSK	50	28	22.98	22.98	22.98	24.0	0.0	
20	PV2 BPSK	50	56	22.83	23.05	22.94	24.0	0.0	
20	PV2 BPSK	100	0	22.98	22.98	22.92	24.0	0.0	
20	QPSK	1	1	23.12	23.18	23.16			
20	QPSK	1	53	23.01	23.09	23.03			
20	QPSK	1	104	22.98	23.14	23.09	24.0	0.0	
20	QPSK	50	0	22.82	22.85	22.86			
20	QPSK	50	28	23.03	23.14	23.04			
20	QPSK	50	56	22.74	22.83	22.72	24.0	0.0	
20	QPSK	100	0	22.81	22.94	22.80	24.0	0.0	
20	16QAM	1	1	22.89	22.98	22.83			
20	64QAM	1	1	22.81	22.97	22.81			
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0	
Channel				133600	136100	138600			
Frequency (MHz)				603	603.5	603			
10	QPSK	1	1	23.02	23.06	23.10	24.0	0.0	
Channel				133100	136100	139100			
Frequency (MHz)				665.5	680.5	696.5			
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0	

n71									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0	
20	PI2 BPSK	1	53	22.82	22.76	22.68			
20	PI2 BPSK	1	104	22.74	22.77	22.68	24.0	0.0	
20	PI2 BPSK	50	0	22.84	22.92	22.71			
20	PI2 BPSK	50	28	22.78	22.77	22.76	24.0	0.0	
20	PI2 BPSK	50	56	22.68	22.81	22.70			
20	PI2 BPSK	100	0	22.78	22.80	22.75	24.0	0.0	
20	QPSK	1	1	22.96	22.98	22.91			
20	QPSK	1	53	22.78	22.94	22.77	24.0	0.0	
20	QPSK	1	104	22.75	22.91	22.87			
20	QPSK	50	0	22.66	22.89	22.61	24.0	0.0	
20	QPSK	50	28	22.86	22.89	22.81			
20	QPSK	50	56	22.56	22.83	22.46	24.0	0.0	
20	QPSK	100	0	22.65	22.75	22.63			
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0	
20	64QAM	1	1	22.67	22.72	22.62			
20	256QAM	1	1	21.25	21.38	21.29	22.5	1.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0	
Channel				133600	136100	138600			
Frequency (MHz)				693	693.5	693	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.88	22.91	22.81			
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				686.5	686.5	686.5			
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0	

Part270 n77 PC3 Ant3									
BW (MHz)	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	PI2 BPSK	1	1	18.38	18.47	18.58			
100	PI2 BPSK	1	137	17.84	18.10	18.00	19.5	0.0	
100	PI2 BPSK	1	271	17.81	17.73	17.71			
100	PI2 BPSK	135	0	18.19	18.46	18.19	19.5	0.0	
100	PI2 BPSK	135	69	18.01	18.18	18.04	19.5	0.0	
100	PI2 BPSK	135	138	17.95	17.89	17.83	19.5	0.0	
100	PI2 BPSK	270	0	18.01	18.16	18.06			
100	QPSK	1	1	18.49	18.59	18.49			
100	QPSK	1	137	17.94	18.12	18.01	19.5	0.0	
100	QPSK	1	271	17.83	17.73	17.89			
100	QPSK	135	0	18.37	18.32	18.44	19.5	0.0	
100	QPSK	135	69	18.05	18.50	18.01	19.5	0.0	
100	QPSK	135	138	17.86	18.11	17.85	19.5	0.0	
100	QPSK	270	0	18.03	18.22	18.19			
100	16QAM	1	1	18.23	18.25	18.10	19.5	0.0	
100	64QAM	1	1	18.27	18.33	18.02	19.5	0.0	
100	256QAM	1	1	17.20	17.46	17.42	18.5	1.0	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.49	18.56	18.47	19.5	0.0	
Channel				649334	650000	662698	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.51	18.63	18.43	19.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.43	18.58	18.56	19.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.56	18.56	18.57	19.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.47	18.61	18.55	19.5	0.0	
Channel				647999	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.39	18.31	18.39	19.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.39	18.41	18.37	19.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.24	18.36	18.31	19.5	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.10	18.33	18.28	19.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.48	18.59	18.50	19.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.36	18.43	18.50	19.5	0.0	

Part270 n77 PC2									
BW (MHz)	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	PI2 BPSK	1	1	21.61	21.68	21.66			
100	PI2 BPSK	1	137	21.47	21.58	21.66	22.5	0.0	
100	PI2 BPSK	1	271	21.61	21.60	21.71			
100	PI2 BPSK	135	0	21.22	21.02	21.19	22.0	0.5	
100	PI2 BPSK	135	69	21.57	21.54	21.72	22.5	0.0	
100	PI2 BPSK	135	138	21.14	21.13	21.10	22.0	0.5	
100	PI2 BPSK	270	0	21.61	21.04	21.30			
100	QPSK	1	1	21.59	21.74	21.60			
100	QPSK	1	137	21.59	21.48	21.69	22.5	0.0	
100	QPSK	1	271	21.47	21.55	21.60			
100	QPSK	135	0	20.56	20.66	20.61	21.5	1.0	
100	QPSK	135	69	21.56	21.67	21.65	22.5	0.0	
100	QPSK	135	138	20.53	20.84	20.68	21.5	1.0	
100	QPSK	270	0	20.54	20.70	20.60			
100	16QAM	1	1	20.58	20.68	20.61	21.5	1.0	
100	64QAM	1	1	19.18	19.35	19.16	20.0	2.5	
100	256QAM	1	1	17.06	17.16	17.13	18.0	4.5	
Channel				649000	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.39	21.56	21.56	22.5	0.0	
Channel				649334	650000	662698	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.60	21.52	21.42	22.5	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.40	21.68	21.52	22.5	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.45	21.63	21.49	22.5	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.39	21.61	21.59	22.5	0.0	
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.56	21.53	21.39	22.5	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.49	21.71	21.45	22.5	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	21.40	21.54	21.42	22.5	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.80	21.54	21.50	22.5	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.51	21.57	21.54	22.5	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.59	21.56	21.40	22.5	0.0	

Part270 n78 Ant3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1	18.41	18.41				
100	PI/2 BPSK	1	137	18.13	18.13		19.5	0.0	
100	PI/2 BPSK	1	271	17.70	17.70				
100	PI/2 BPSK	135	0	18.26	18.26		19.5	0.0	
100	PI/2 BPSK	135	69	18.22	18.22		19.5	0.0	
100	PI/2 BPSK	135	138	17.87	17.87		19.5	0.0	
100	PI/2 BPSK	270	0	18.25	18.25				
100	QPSK	1	1	18.62	18.62				
100	QPSK	1	137	18.24	18.24		19.5	0.0	
100	QPSK	1	271	17.70	17.70				
100	QPSK	135	0	18.18	18.18		19.5	0.0	
100	QPSK	135	69	18.58	18.58		19.5	0.0	
100	QPSK	135	138	18.01	18.01		19.5	0.0	
100	QPSK	270	0	18.55	18.55				
100	16QAM	1	1	18.29	18.29		19.5	0.0	
100	64QAM	1	1	18.37	18.37		19.5	0.0	
100	256QAM	1	1	17.48	17.48		18.5	1.0	
Channel				649688	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	18.30	18.51	18.38	19.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	18.27	18.47	18.44	19.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	18.40	18.38	18.28	19.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	18.36	18.46	18.29	19.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	18.26	18.48	18.29	19.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	18.30	18.53	18.42	19.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3765.01	(dBm)		
30	QPSK	1	1	18.41	18.40	18.40	19.5	0.0	
Channel				647334	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	18.41	18.51	18.34	19.5	0.0	
Channel				647000	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	18.32	18.48	18.31	19.5	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	18.26	18.41	18.36	19.5	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	18.39	18.54	18.41	19.5	0.0	

Part270 n78 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1	21.56	21.56				
100	PI/2 BPSK	1	137	21.66	21.66		22.5	0.0	
100	PI/2 BPSK	1	271	21.54	21.54				
100	PI/2 BPSK	135	0	21.27	21.27		22.0	0.5	
100	PI/2 BPSK	135	69	21.86	21.86		22.5	0.0	
100	PI/2 BPSK	135	138	21.21	21.21		22.0	0.5	
100	PI/2 BPSK	270	0	21.19	21.19				
100	QPSK	1	1	21.73	21.73				
100	QPSK	1	137	21.58	21.58		22.5	0.0	
100	QPSK	1	271	21.72	21.72				
100	QPSK	135	0	20.67	20.67		21.5	1.0	
100	QPSK	135	69	21.70	21.70		22.5	0.0	
100	QPSK	135	138	20.83	20.83		21.5	1.0	
100	QPSK	270	0	20.85	20.85				
100	16QAM	1	1	20.75	20.75		21.5	1.0	
100	64QAM	1	1	19.11	19.11		20.0	2.5	
100	256QAM	1	1	17.20	17.20		18.0	4.5	
Channel				649688	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)		
90	QPSK	1	1	21.55	21.68	21.55	22.5	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	21.55	21.69	21.60	22.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	21.52	21.61	21.58	22.5	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	21.60	21.57	21.57	22.5	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	21.49	21.62	21.69	22.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	21.53	21.70	21.66	22.5	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3765.01	(dBm)		
30	QPSK	1	1	21.56	21.63	21.68	22.5	0.0	
Channel				647334	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	21.60	21.71	21.57	22.5	0.0	
Channel				647000	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	21.60	21.59	21.57	22.5	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	21.50	21.59	21.61	22.5	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	21.53	21.69	21.64	22.5	0.0	

Part270 n77 PC3 Ant5									
BW (MHz)	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	PI2 BPSK	1	1	22.80	22.92	22.78			
100	PI2 BPSK	1	137	22.83	22.86	22.84	24.0	0.0	
100	PI2 BPSK	1	271	22.86	22.94	22.92			
100	PI2 BPSK	135	0	22.82	22.88	22.87	24.0	0.0	
100	PI2 BPSK	135	69	22.81	22.81	22.82	24.0	0.0	
100	PI2 BPSK	135	138	22.84	22.92	22.93	24.0	0.0	
100	PI2 BPSK	270	0	23.01	22.94	22.96			
100	QPSK	1	1	22.96	23.11	22.93			
100	QPSK	1	137	22.86	22.80	22.84	24.0	0.0	
100	QPSK	1	271	22.86	22.95	22.78			
100	QPSK	135	0	22.81	23.02	22.91	24.0	0.0	
100	QPSK	135	69	22.85	23.04	22.94	24.0	0.0	
100	QPSK	135	138	22.94	22.98	22.78	24.0	0.0	
100	QPSK	270	0	22.74	22.95	22.78			
100	16QAM	1	1	22.58	22.67	22.47	24.0	0.0	
100	64QAM	1	1	22.48	22.69	22.59	24.0	0.0	
100	256QAM	1	1	21.78	21.82	21.73	22.5	1.5	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.85	22.84	22.84	24.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.91	22.88	22.91	24.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.93	22.88	22.93	24.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.78	22.99	22.92	24.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.97	22.99	22.83	24.0	0.0	
Channel				647000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.00	22.90	22.80	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3953.01			
30	QPSK	1	1	22.97	22.94	22.71	24.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.94	22.97	22.65	24.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.77	22.98	22.75	24.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.75	22.88	22.70	24.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.96	22.88	22.69	24.0	0.0	

Part270 n77 PC2									
BW (MHz)	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	PI2 BPSK	1	1	25.79	25.93	25.88			
100	PI2 BPSK	1	137	25.90	25.87	25.86	27.0	0.0	
100	PI2 BPSK	1	271	25.84	26.07	25.84			
100	PI2 BPSK	135	0	25.24	25.42	25.42	26.5	0.5	
100	PI2 BPSK	135	69	25.84	25.88	25.89	27.0	0.0	
100	PI2 BPSK	135	138	25.28	25.51	25.51	26.5	0.5	
100	PI2 BPSK	270	0	25.59	25.57	25.55			
100	QPSK	1	1	26.03	26.15	25.96			
100	QPSK	1	137	25.80	25.96	25.95	27.0	0.0	
100	QPSK	1	271	25.91	25.94	25.85			
100	QPSK	135	0	24.91	24.98	25.04	26.0	1.0	
100	QPSK	135	69	25.88	26.08	26.00	27.0	0.0	
100	QPSK	135	138	25.92	26.05	24.71	26.0	1.0	
100	QPSK	270	0	24.89	25.01	24.86			
100	16QAM	1	1	24.65	24.68	24.53	26.0	1.0	
100	64QAM	1	1	23.09	23.25	23.19	24.5	2.5	
100	256QAM	1	1	21.54	21.61	21.49	22.5	4.5	
Channel				649000	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.88	26.06	25.88	27.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.91	26.06	25.93	27.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.89	26.07	25.90	27.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.92	26.00	25.80	27.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.88	26.09	25.79	27.0	0.0	
Channel				647000	650000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.95	26.01	25.82	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3953.01			
30	QPSK	1	1	25.94	26.05	25.83	27.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.92	26.03	25.80	27.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.98	26.06	25.80	27.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.90	26.02	25.89	27.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.97	26.05	25.83	27.0	0.0	

Part270 n78 PC2 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1		23.00			24.0	0.0
100	PI/2 BPSK	1	137		22.62				
100	PI/2 BPSK	1	271		22.84				
100	PI/2 BPSK	135	0		22.94				
100	PI/2 BPSK	135	69		22.89		24.0		
100	PI/2 BPSK	135	138		22.95		24.0		
100	PI/2 BPSK	270	0		22.97				
100	QPSK	1	1		23.06			24.0	0.0
100	QPSK	1	137		22.82				
100	QPSK	1	271		22.90				
100	QPSK	135	0		22.95				
100	QPSK	135	69		22.88		24.0		
100	QPSK	135	138		22.94		24.0		
100	QPSK	270	0		22.98				
100	16QAM	1	1		22.81		24.0		
100	64QAM	1	1		22.72		24.0		
100	256QAM	1	1		21.87		22.5		1.5
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1	22.91	22.93	22.95	24.0		
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	22.78	23.05	22.81	24.0		
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1	22.77	22.88	22.75	24.0		
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	22.72	22.80	23.01	24.0		
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	22.65	22.78	23.01	24.0		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	22.84	22.82	22.94	24.0		
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	23.01	22.90	22.91	24.0		
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	22.77	22.92	22.79	24.0		
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	22.95	22.89	22.81	24.0		
Channel				647188	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	22.98	22.80	22.90	24.0		
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	22.87	22.98	23.01	24.0		

Part270 n78 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)									
100	PI/2 BPSK	1	1		26.08				
100	PI/2 BPSK	1	137		25.91		27.0	0.0	
100	PI/2 BPSK	1	271		25.95				
100	PI/2 BPSK	135	0		25.43		26.5	0.5	
100	PI/2 BPSK	135	69		25.99		27.0	0.0	
100	PI/2 BPSK	135	138		25.45		26.5	0.5	
100	PI/2 BPSK	270	0		25.57				
100	QPSK	1	1		26.10				
100	QPSK	1	137		25.97		27.0	0.0	
100	QPSK	1	271		25.91				
100	QPSK	135	0		24.96		26.0	1.0	
100	QPSK	135	69		26.06		27.0	0.0	
100	QPSK	135	138		24.89		26.0	1.0	
100	QPSK	270	0		25.00				
100	16QAM	1	1		24.76		26.0	1.0	
100	64QAM	1	1		23.35		24.5	2.5	
100	256QAM	1	1		21.56		22.5	4.5	
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
90	QPSK	1	1	25.90	26.00	25.96	27.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
80	QPSK	1	1	25.91	25.95	25.88	27.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
70	QPSK	1	1	25.92	26.05	25.91	27.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
60	QPSK	1	1	25.94	25.98	25.95	27.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
50	QPSK	1	1	25.87	25.99	25.92	27.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	25.93	26.02	25.87	27.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	25.93	25.99	25.88	27.0	0.0	
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	25.84	26.00	25.86	27.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	25.91	26.03	25.88	27.0	0.0	
Channel				647188	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	25.94	26.04	25.89	27.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	25.95	26.00	25.92	27.0	0.0	

Part270 n77 PC3 An7									
BW (MHz)	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	PI2 BPSK	1	1	22.47	22.69	22.54			
100	PI2 BPSK	1	137	22.63	22.75	22.58	24.0	0.0	
100	PI2 BPSK	1	271	22.84	22.86	22.57			
100	PI2 BPSK	135	0	22.59	22.85	22.86	24.0	0.0	
100	PI2 BPSK	135	69	22.70	22.79	22.72	24.0	0.0	
100	PI2 BPSK	135	138	22.66	22.82	22.63	24.0	0.0	
100	PI2 BPSK	270	0	22.57	22.73	22.65			
100	QPSK	1	1	22.76	22.87	22.80			
100	QPSK	1	137	22.88	22.73	22.89	24.0	0.0	
100	QPSK	1	271	22.81	22.78	22.52			
100	QPSK	135	0	22.71	22.80	22.67	24.0	0.0	
100	QPSK	135	69	22.84	22.85	22.71	24.0	0.0	
100	QPSK	135	138	22.40	22.58	22.36	24.0	0.0	
100	QPSK	270	0	22.79	22.82	22.74			
100	16QAM	1	1	22.30	22.48	22.18	24.0	0.0	
100	64QAM	1	1	22.29	22.32	22.28	24.0	0.0	
100	256QAM	1	1	21.42	21.54	21.42	23.0	1.0	
Channel				645000	650000	642334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	22.79	22.74	22.75	24.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.68	22.78	22.66	24.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	22.76	22.74	22.62	24.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	22.77	22.74	22.60	24.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	22.61	22.75	22.64	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.73	22.76	22.70	24.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	22.66	22.77	22.61	24.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	22.69	22.76	22.72	24.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.62	22.72	22.78	24.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.75	22.79	22.62	24.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.74	22.76	22.71	24.0	0.0	

Part270 n77 PC2									
BW (MHz)	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	PI2 BPSK	1	1	25.82	25.87	25.81			
100	PI2 BPSK	1	137	25.77	25.78	25.85	27.0	0.0	
100	PI2 BPSK	1	271	25.79	25.83	25.79			
100	PI2 BPSK	135	0	25.35	25.51	25.34	26.5	0.5	
100	PI2 BPSK	135	69	25.78	25.87	25.74	27.0	0.0	
100	PI2 BPSK	135	138	25.31	25.41	25.33	26.5	0.5	
100	PI2 BPSK	270	0	25.47	25.48	25.35			
100	QPSK	1	1	25.89	25.95	25.87			
100	QPSK	1	137	25.82	25.91	25.82	27.0	0.0	
100	QPSK	1	271	25.76	25.88	25.74			
100	QPSK	135	0	24.89	24.90	24.81	26.0	1.0	
100	QPSK	135	69	25.85	25.87	25.73	27.0	0.0	
100	QPSK	135	138	24.83	24.86	24.90	26.0	1.0	
100	QPSK	270	0	24.81	24.98	24.88			
100	16QAM	1	1	24.90	25.02	24.93	26.0	1.0	
100	64QAM	1	1	23.33	23.41	23.31	24.5	2.5	
100	256QAM	1	1	21.35	21.49	21.35	22.5	4.5	
Channel				649000	650000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	25.85	25.88	25.69	27.0	0.0	
Channel				649334	650000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	25.79	25.77	25.84	27.0	0.0	
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	25.85	25.86	25.75	27.0	0.0	
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	25.84	25.84	25.83	27.0	0.0	
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	25.74	25.93	25.73	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	25.76	25.83	25.77	27.0	0.0	
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	25.79	25.82	25.81	27.0	0.0	
Channel				647500	650000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	25.85	25.93	25.77	27.0	0.0	
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	25.72	25.90	25.81	27.0	0.0	
Channel				647168	650000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	25.82	25.91	25.79	27.0	0.0	
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	25.82	25.88	25.79	27.0	0.0	

Part270 n78 PC3 Ant7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)				22.42					
100	PI/2 BPSK	1	1		22.42				
100	PI/2 BPSK	1	137		22.30		24.0	0.0	
100	PI/2 BPSK	1	271		22.80				
100	PI/2 BPSK	135	0		22.30		24.0	0.0	
100	PI/2 BPSK	135	69		22.48		24.0	0.0	
100	PI/2 BPSK	135	138		22.54		24.0	0.0	
100	PI/2 BPSK	270	0		22.47				
100	QPSK	1	1		22.84				
100	QPSK	1	137		22.37		24.0	0.0	
100	QPSK	1	271		22.47				
100	QPSK	135	0		22.37		24.0	0.0	
100	QPSK	135	69		22.55		24.0	0.0	
100	QPSK	135	138		22.49		24.0	0.0	
100	QPSK	270	0		22.47				
100	16QAM	1	1		22.46		24.0	0.0	
100	64QAM	1	1		22.30		24.0	0.0	
100	256QAM	1	1		21.21		23.0	1.0	
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.48	22.55	22.43	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		22.53	22.55	22.47	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.42	22.63	22.46	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		22.58	22.62	22.39	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		22.40	22.58	22.43	24.0	0.0
Channel				647900	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.45	22.50	22.49	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		22.50	22.54	22.45	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		22.43	22.49	22.53	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		22.51	22.57	22.38	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		22.54	22.59	22.42	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.48	22.48	22.52	24.0	0.0

Part270 n78 PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750			
Frequency (MHz)				25.59					
100	PI/2 BPSK	1	1		25.59				
100	PI/2 BPSK	1	137		25.41		27.0	0.0	
100	PI/2 BPSK	1	271		25.61				
100	PI/2 BPSK	135	0		25.16		26.5	0.5	
100	PI/2 BPSK	135	69		25.63		27.0	0.0	
100	PI/2 BPSK	135	138		25.06		26.5	0.5	
100	PI/2 BPSK	270	0		25.11				
100	QPSK	1	1		25.08				
100	QPSK	1	137		25.59		27.0	0.0	
100	QPSK	1	271		25.51				
100	QPSK	135	0		24.65		26.0	1.0	
100	QPSK	135	69		25.49		27.0	0.0	
100	QPSK	135	138		24.67		26.0	1.0	
100	QPSK	270	0		24.01				
100	16QAM	1	1		24.75		26.0	1.0	
100	64QAM	1	1		23.12		24.5	2.5	
100	256QAM	1	1		21.24		22.5	4.5	
Channel				649688	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		25.60	25.53	25.64	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		25.57	25.66	25.53	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		25.65	25.64	25.56	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		25.60	25.58	25.56	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		25.54	25.62	25.54	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		25.61	25.66	25.55	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		25.61	25.63	25.58	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		25.57	25.64	25.60	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		25.64	25.61	25.67	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		25.67	25.56	25.54	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		25.64	25.57	25.65	27.0	0.0

Part270 n77 Ant9									
BW [MHz]	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	19.6	0.0	
Frequency (MHz)				18.24	18.40	18.03			
100	PI/2 BPSK	1	1	18.24	18.40	18.03	19.6	0.0	
100	PI/2 BPSK	1	137	18.22	18.34	18.01			
100	PI/2 BPSK	1	271	18.26	18.28	18.11	19.6	0.0	
100	PI/2 BPSK	135	0	18.21	18.30	18.11			
100	PI/2 BPSK	135	69	18.15	18.30	18.12	19.6	0.0	
100	PI/2 BPSK	135	138	18.20	18.34	18.05			
100	PI/2 BPSK	270	0	18.23	18.31	18.02	19.6	0.0	
100	QPSK	1	1	18.19	18.42	18.06			
100	QPSK	1	137	18.25	18.29	18.11	19.6	0.0	
100	QPSK	1	271	18.23	18.33	18.04			
100	QPSK	135	0	18.26	18.31	18.14	19.6	0.0	
100	QPSK	135	69	18.12	18.41	18.00			
100	QPSK	135	138	18.21	18.29	18.10	19.6	0.0	
100	QPSK	270	0	18.24	18.35	18.05			
100	16QAM	1	1	18.12	18.36	18.05	19.6	0.0	
100	64QAM	1	1	18.17	18.38	18.02			
100	256QAM	1	1	18.12	18.32	18.12	19.6	0.0	
Channel				64968	65000	65234		MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.16	18.16	17.95	19.6	0.0	
Channel				649334	650000	652668		MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.07	18.17	17.93	19.6	0.0	
Channel				649000	650000	653000		MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.08	18.16	17.89	19.6	0.0	
Channel				648668	650000	653334		MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.05	18.28	17.88	19.6	0.0	
Channel				648334	650000	653668		MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.16	18.16	17.98	19.6	0.0	
Channel				648000	650000	654000		MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.17	18.28	18.03	19.6	0.0	
Channel				647668	650000	654334		MPR (dB)	
Frequency (MHz)				3715.02	3840	3955.01			
30	QPSK	1	1	18.00	18.24	17.95	19.6	0.0	
Channel				647334	650000	654500		MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.06	18.27	17.92	19.6	0.0	
Channel				647000	650000	654668		MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.11	18.16	17.92	19.6	0.0	
Channel				647168	650000	654834		MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.09	18.20	17.89	19.6	0.0	
Channel				647000	650000	655000		MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.04	18.28	17.90	19.6	0.0	
Channel				647000	650000	655000		MPR (dB)	
Frequency (MHz)				3705	3840	3975			

Part270 n78 Ant9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 650000	Power Middle Ch. / Freq 650000	Power High Ch. / Freq 650000	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3750	3750	19.6	0.0	
Frequency (MHz)				18.28	18.28	18.28			
100	PI/2 BPSK	1	1	18.28	18.16	18.16	19.6	0.0	
100	PI/2 BPSK	1	137	18.27	18.27	18.27			
100	PI/2 BPSK	1	271	18.20	18.20	18.20	19.6	0.0	
100	PI/2 BPSK	135	0	18.27	18.24	18.24			
100	PI/2 BPSK	135	138	18.27	18.27	18.27	19.6	0.0	
100	PI/2 BPSK	270	0	18.24	18.24	18.24			
100	QPSK	1	1	18.31	18.31	18.31	19.6	0.0	
100	QPSK	1	137	18.16	18.16	18.16			
100	QPSK	1	271	18.21	18.21	18.21	19.6	0.0	
100	QPSK	135	0	18.20	18.20	18.20			
100	QPSK	135	69	18.28	18.28	18.28	19.6	0.0	
100	QPSK	135	138	18.15	18.15	18.15			
100	QPSK	270	0	18.21	18.21	18.21	19.6	0.0	
100	16QAM	1	1	18.22	18.22	18.22			
100	64QAM	1	1	18.26	18.26	18.26	19.6	0.0	
100	256QAM	1	1	18.24	18.24	18.24			
Channel				649668	650000	650334	19.6	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	18.34	18.29	18.35	19.6	0.0	
Channel				649334	650000	650668		MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	18.23	18.31	18.28	19.6	0.0	
Channel				649000	650000	651000		MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	18.30	18.27	18.27	19.6	0.0	
Channel				648668	650000	651334		MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	18.25	18.28	18.30	19.6	0.0	
Channel				648334	650000	651668		MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	18.36	18.30	18.36	19.6	0.0	
Channel				648000	650000	652000		MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.29	18.32	18.31	19.6	0.0	
Channel				647668	650000	652334		MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	18.35	18.31	18.36	19.6	0.0	
Channel				647500	650000	652500		MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	18.27	18.34	18.35	19.6	0.0	
Channel				647334	650000	652668		MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	18.27	18.34	18.30	19.6	0.0	
Channel				647168	650000	652834		MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	18.26	18.35	18.27	19.6	0.0	
Channel				647000	650000	653000		MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	18.28	18.28	18.28	19.6	0.0	
Channel				647000	650000	653000			

Reduced Power Mode for ECI 6

n5 Ant0								
BW [MHz]	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	167200	167600	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.85	22.72	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.89	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60	24.0	0.0

n7 Ant1								
BW [MHz]	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	507000	509000	22.1	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.12	21.16	21.68	22.1	0.0
50	QPSK	135	68	20.96	21.08	20.90	22.1	0.0
50	QPSK	270	0	20.77	20.82	20.66	22.1	0.0

n5 Ant4								
BW [MHz]	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	167200	167600	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.74	22.89	22.82	24.0	0.0
20	QPSK	50	28	22.92	22.88	22.74	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65	24.0	0.0

n38 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	20.8	0.0
Frequency (MHz)				2580.02	2595	2599.98		
40	QPSK	1	1	19.66	19.74	19.71	20.8	0.0
40	QPSK	50	28	19.48	19.63	19.52	20.8	0.0
40	QPSK	100	0	19.31	19.36	19.24	20.8	0.0

n26 Ant0								
BW [MHz]	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	167200	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.66	22.75	22.68	24.0	0.0
20	QPSK	50	28	22.53	22.69	22.62	24.0	0.0
20	QPSK	100	0	22.66	22.70	22.61	24.0	0.0

n38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	21.2	0.0
Frequency (MHz)				2580.02	2595	2599.98		
40	QPSK	1	1	20.13	20.26	20.09	21.2	0.0
40	QPSK	50	28	19.92	20.18	19.87	21.2	0.0
40	QPSK	100	0	19.74	19.86	19.76	21.2	0.0

n7 Ant4								
BW [MHz]	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	507000	509000	22.0	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.07	21.13	21.07	22.0	0.0
50	QPSK	135	68	20.92	21.02	20.87	22.0	0.0
50	QPSK	270	0	20.69	20.85	20.71	22.0	0.0

n41 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	20.8	0.0
Frequency (MHz)				2580.01	2592.99	2600		
100	QPSK	1	1	19.60	19.61	19.57	20.8	0.0
100	QPSK	135	69	19.37	19.57	19.40	20.8	0.0
100	QPSK	270	0	19.12	19.30	19.17	20.8	0.0

n41 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509002	518598	528000	21.2	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.23	20.25	20.19	21.2	0.0
100	QPSK	135	69	20.03	20.17	20.00	21.2	0.0
100	QPSK	270	0	19.81	19.94	19.77	21.2	0.0

n26 Ant4								
BW [MHz]	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	167200	167600	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.91	22.83	22.71	24.0	0.0
20	QPSK	50	28	22.78	22.91	22.69	24.0	0.0
20	QPSK	100	0	22.79	22.90	22.72	24.0	0.0

n71								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI2 BPSK	1	1	23.07	23.13	22.97	24.0	0.0
20	PI2 BPSK	1	53	22.98	23.01	22.91		
20	PI2 BPSK	1	104	22.97	23.00	22.93	24.0	0.0
20	PI2 BPSK	50	0	23.09	23.13	22.90		
20	PI2 BPSK	50	28	22.98	22.98	22.98	24.0	0.0
20	PI2 BPSK	50	56	22.83	23.05	22.94		
20	PI2 BPSK	100	0	22.98	22.98	22.92	24.0	0.0
20	QPSK	1	1	23.12	23.18	23.16		
20	QPSK	1	53	23.01	23.09	23.03	24.0	0.0
20	QPSK	1	104	22.98	23.14	23.09		
20	QPSK	50	0	22.82	22.85	22.86	24.0	0.0
20	QPSK	50	28	23.03	23.14	23.04		
20	QPSK	50	56	22.74	22.83	22.72	24.0	0.0
20	QPSK	100	0	22.81	22.94	22.80		
20	16QAM	1	1	22.89	22.98	22.83	24.0	0.0
20	64QAM	1	1	22.81	22.97	22.81		
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.3	680.5	692		
10	QPSK	1	1	23.02	23.06	23.10	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				666.5	680.5	696.5		
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0

n71											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				134600	136100	137600					
Frequency (MHz)				673	680.5	688					
20	PV2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0			
20	PV2 BPSK	1	53	22.82	22.76	22.68					
20	PV2 BPSK	1	104	22.74	22.77	22.68					
20	PV2 BPSK	50	0	22.84	22.92	22.71	24.0	0.0			
20	PV2 BPSK	50	28	22.78	22.77	22.76	24.0	0.0			
20	PV2 BPSK	50	56	22.68	22.81	22.70	24.0	0.0			
20	PV2 BPSK	100	0	22.78	22.80	22.75					
20	QPSK	1	1	22.96	22.98	22.91					
20	QPSK	1	53	22.78	22.94	22.77	24.0	0.0			
20	QPSK	1	104	22.75	22.91	22.87	24.0	0.0			
20	QPSK	50	0	22.66	22.69	22.61					
20	QPSK	50	28	22.86	22.89	22.81					
20	QPSK	50	56	22.56	22.63	22.46	24.0	0.0			
20	QPSK	100	0	22.65	22.75	22.63					
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0			
20	64QAM	1	1	22.67	22.72	22.62	24.0	0.0			
20	256QAM	1	1	21.25	21.38	21.29	22.5	1.5			
Channel				134100	136100	138100					
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0			
Channel				133600	136100	138600					
Frequency (MHz)				668	680.5	693					
10	QPSK	1	1	22.88	22.91	22.81	24.0	0.0			
Channel				133100	136100	139100					
Frequency (MHz)				665.5	680.5	696.5					
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0			

Part270 n77 Ant3 PC3/PC2									
BW [MHz]	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	16.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.59	15.79	15.57	16.6	0.0	
100	PI/2 BPSK	1	137	15.53	15.78	15.68			
100	PI/2 BPSK	1	271	15.62	15.66	15.67			
100	PI/2 BPSK	135	0	15.62	15.72	15.66			
100	PI/2 BPSK	135	69	15.56	15.72	15.64	16.6	0.0	
100	PI/2 BPSK	135	138	15.60	15.71	15.61	16.6	0.0	
100	PI/2 BPSK	270	0	15.61	15.72	15.65	16.6	0.0	
100	QPSK	1	1	15.60	15.62	15.62			
100	QPSK	1	137	15.64	15.76	15.68			
100	QPSK	1	271	15.66	15.76	15.64			
100	QPSK	135	0	15.66	15.76	15.54	16.6	0.0	
100	QPSK	135	69	15.53	15.60	15.54	16.6	0.0	
100	QPSK	135	138	15.53	15.77	15.55	16.6	0.0	
100	QPSK	270	0	15.58	15.78	15.60	16.6	0.0	
100	16QAM	1	1	15.58	15.81	15.64	16.6	0.0	
100	64QAM	1	1	15.65	15.81	15.54	16.6	0.0	
100	256QAM	1	1	15.51	15.69	15.59	16.6	0.0	
Channel				649968	650032	650334	16.6	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	15.48	15.57	15.53	16.6	0.0	
Channel				649334	650000	650668	16.6	MPR	
Frequency (MHz)				3740.01	3740	3940.02			
80	QPSK	1	1	15.54	15.69	15.44	16.6	0.0	
Channel				649000	650000	650300	16.6	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	15.42	15.65	15.58	16.6	0.0	
Channel				648668	650000	650334	16.6	MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.48	15.61	15.56	16.6	0.0	
Channel				648334	650000	650668	16.6	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.48	15.69	15.56	16.6	0.0	
Channel				648000	650000	650300	16.6	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	15.45	15.59	15.45	16.6	0.0	
Channel				647668	650000	654334	16.6	MPR	
Frequency (MHz)				3715.02	3740	3965.01			
30	QPSK	1	1	15.40	15.59	15.59	16.6	0.0	
Channel				647000	650000	654500	16.6	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	15.46	15.68	15.58	16.6	0.0	
Channel				647334	650000	654668	16.6	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.50	15.59	15.59	16.6	0.0	
Channel				647168	650000	654834	16.6	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	15.47	15.59	15.56	16.6	0.0	
Channel				647000	650000	655000	16.6	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.43	15.62	15.51	16.6	0.0	

Part270 n78 Ant3 PC3/PC2									
BW [MHz]	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	16.6	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		15.68		16.6	0.0	
100	PI/2 BPSK	1	137		15.65				
100	PI/2 BPSK	1	271		15.61				
100	PI/2 BPSK	135	0		15.61				
100	PI/2 BPSK	135	69		15.61		16.6	0.0	
100	PI/2 BPSK	135	138		15.64		16.6	0.0	
100	PI/2 BPSK	270	0		15.60		16.6	0.0	
100	QPSK	1	1		15.75				
100	QPSK	1	137		15.72				
100	QPSK	1	271		15.58				
100	QPSK	135	0		15.60		16.6	0.0	
100	QPSK	135	69		15.68		16.6	0.0	
100	QPSK	135	138		15.67		16.6	0.0	
100	QPSK	270	0		15.74		16.6	0.0	
100	16QAM	1	1		15.67		16.6	0.0	
100	64QAM	1	1		15.68		16.6	0.0	
100	256QAM	1	1		15.56		16.6	0.0	
Channel				649668	650000	650334	16.6	MPR	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	15.64	15.69	15.68	16.6	0.0	
Channel				649334	650000	650668	16.6	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.65	15.73	15.72	16.6	0.0	
Channel				649000	650000	651000	16.6	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	15.70	15.64	15.65	16.6	0.0	
Channel				648668	650000	651334	16.6	MPR	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	15.70	15.67	15.60	16.6	0.0	
Channel				648334	650000	651668	16.6	MPR	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.68	15.67	15.57	16.6	0.0	
Channel				648000	650000	652000	16.6	MPR	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	15.69	15.67	15.69	16.6	0.0	
Channel				647668	650000	652334	16.6	MPR	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	15.63	15.67	15.64	16.6	0.0	
Channel				647000	650000	652500	16.6	MPR	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	15.61	15.59	15.63	16.6	0.0	
Channel				647334	650000	652668	16.6	MPR	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	15.59	15.62	15.64	16.6	0.0	
Channel				647168	650000	652834	16.6	MPR	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	15.64	15.69	15.60	16.6	0.0	
Channel				647000	650000	653000	16.6	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	15.58	15.66	15.62	16.6	0.0	

Part270 n77 Ant5 PC3/PC2									
BW [MHz]	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	19.7	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.53	18.66	18.44	19.7	0.0	
100	PI/2 BPSK	1	137	18.52	18.58	18.38			
100	PI/2 BPSK	1	271	18.57	18.62	18.50			
100	PI/2 BPSK	135	0	18.49	18.57	18.42			
100	PI/2 BPSK	135	69	18.58	18.60	18.39	19.7	0.0	
100	PI/2 BPSK	135	138	18.46	18.70	18.40	19.7	0.0	
100	PI/2 BPSK	270	0	18.58	18.58	18.48	19.7	0.0	
100	QPSK	1	1	18.53	18.72	18.58			
100	QPSK	1	137	18.46	18.63	18.53			
100	QPSK	1	271	18.57	18.62	18.49			
100	QPSK	135	0	18.53	18.68	18.43	19.7	0.0	
100	QPSK	135	69	18.51	18.67	18.42	19.7	0.0	
100	QPSK	135	138	18.52	18.60	18.46	19.7	0.0	
100	QPSK	270	0	18.47	18.58	18.42	19.7	0.0	
100	16QAM	1	1	18.52	18.69	18.41	19.7	0.0	
100	64QAM	1	1	18.47	18.68	18.41	19.7	0.0	
100	256QAM	1	1	18.54	18.69	18.43	19.7	0.0	
Channel				649968	650032	650334	19.7	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.48	18.56	18.34	19.7	0.0	
Channel				649334	650000	650668	19.7	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.35	18.59	18.48	19.7	0.0	
Channel				649000	650000	650300	19.7	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.38	18.65	18.42	19.7	0.0	
Channel				648668	650000	650334	19.7	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.51	18.51	18.42	19.7	0.0	
Channel				648334	650000	650668	19.7	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.48	18.60	18.50	19.7	0.0	
Channel				648000	650000	650200	19.7	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.44	18.84	18.50	19.7	0.0	
Channel				647668	650000	654334	19.7	0.0	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.47	18.59	18.45	19.7	0.0	
Channel				647000	650000	654500	19.7	0.0	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.46	18.59	18.47	19.7	0.0	
Channel				647334	650000	654668	19.7	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.35	18.61	18.45	19.7	0.0	
Channel				647168	650000	654834	19.7	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.49	18.53	18.45	19.7	0.0	
Channel				647000	650000	655000	19.7	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.42	18.66	18.53	19.7	0.0	

Part270 n78 Ant5 PC3/PC2									
BW [MHz]	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	19.7	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		18.56		19.7	0.0	
100	PI/2 BPSK	1	137		18.40				
100	PI/2 BPSK	1	271		18.49				
100	PI/2 BPSK	135	0		18.48				
100	PI/2 BPSK	135	69		18.54		19.7	0.0	
100	PI/2 BPSK	135	138		18.52		19.7	0.0	
100	PI/2 BPSK	270	0		18.41		19.7	0.0	
100	QPSK	1	1		18.49				
100	QPSK	1	137		18.50				
100	QPSK	1	271		18.59				
100	QPSK	135	0		18.52		19.7	0.0	
100	QPSK	135	69		18.63		19.7	0.0	
100	QPSK	135	138		18.43		19.7	0.0	
100	QPSK	270	0		18.50		19.7	0.0	
100	16QAM	1	1		18.65		19.7	0.0	
100	64QAM	1	1		18.58		19.7	0.0	
100	256QAM	1	1		18.51		19.7	0.0	
Channel				649968	650032	650334	19.7	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	18.40	18.64	18.42	19.7	0.0	
Channel				649334	650000	650668	19.7	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	18.37	18.64	18.43	19.7	0.0	
Channel				649000	650000	650500	19.7	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	18.37	18.52	18.41	19.7	0.0	
Channel				648668	650000	650334	19.7	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	18.41	18.58	18.46	19.7	0.0	
Channel				648334	650000	650668	19.7	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	18.43	18.55	18.47	19.7	0.0	
Channel				648000	650000	650200	19.7	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.45	18.57	18.52	19.7	0.0	
Channel				647668	650000	652334	19.7	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	18.35	18.55	18.49	19.7	0.0	
Channel				647000	650000	652500	19.7	0.0	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	18.46	18.66	18.46	19.7	0.0	
Channel				647334	650000	652668	19.7	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	18.45	18.66	18.56	19.7	0.0	
Channel				647168	650000	652834	19.7	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	18.49	18.64	18.54	19.7	0.0	
Channel				647000	650000	653000	19.7	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	18.51	18.59	18.41	19.7	0.0	

Part270 n77 Ant7 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	655000	655000	22.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.89	20.92	20.90	22.0	0.0	
100	PI/2 BPSK	1	137	20.95	21.00	20.87			
100	PI/2 BPSK	1	271	20.97	20.91	20.84			
100	PI/2 BPSK	135	0	20.91	20.96	20.83			
100	PI/2 BPSK	135	69	20.94	21.00	20.83	22.0	0.0	
100	PI/2 BPSK	135	138	20.83	20.95	20.80	22.0	0.0	
100	PI/2 BPSK	270	0	20.85	20.90	20.91	22.0	0.0	
100	QPSK	1	1	20.83	21.03	20.81			
100	QPSK	1	137	20.82	20.97	20.81			
100	QPSK	1	271	20.83	20.91	20.85			
100	QPSK	135	0	20.82	20.98	20.88	22.0	0.0	
100	QPSK	135	69	20.94	21.03	20.86	22.0	0.0	
100	QPSK	135	138	20.96	20.90	20.91	22.0	0.0	
100	QPSK	270	0	20.81	20.89	20.88	22.0	0.0	
100	16QAM	1	1	20.84	21.00	20.87			
100	64QAM	1	1	20.90	20.92	20.85			
100	256QAM	1	1	20.87	20.88	20.87			
Channel				649968	655000	652334	22.0	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	20.85	20.87	20.80	22.0	0.0	
Channel				649334	655000	652668	22.0	MPR	
Frequency (MHz)				3740.01	3740	3940.02			
80	QPSK	1	1	20.90	20.97	20.83	22.0	0.0	
Channel				649000	655000	653000	22.0	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	20.89	20.96	20.93	22.0	0.0	
Channel				648668	655000	653334	22.0	MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	20.96	20.98	20.95	22.0	0.0	
Channel				648334	655000	653668	22.0	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	20.90	21.00	20.81	22.0	0.0	
Channel				648000	655000	653000	22.0	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.83	20.96	20.94	22.0	0.0	
Channel				647668	655000	654334	22.0	MPR	
Frequency (MHz)				3715.02	3720	3965.01			
30	QPSK	1	1	20.85	21.00	20.83	22.0	0.0	
Channel				647334	655000	654668	22.0	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
25	QPSK	1	1	20.89	20.91	20.90	22.0	0.0	
Channel				647000	655000	655000	22.0	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
20	QPSK	1	1	20.81	20.99	20.86	22.0	0.0	
Channel				647188	655000	654834	22.0	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	20.96	20.99	20.92	22.0	0.0	
Channel				647000	655000	655000	22.0	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	20.86	20.93	20.87	22.0	0.0	

Part270 n78 Ant7 PC3/PC2									
BW [MHz]	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	20.89	20.89	20.89	22.0	0.0	
100	PI/2 BPSK	1	137	20.96	20.96	20.96			
100	PI/2 BPSK	1	271	20.88	20.88	20.88			
100	PI/2 BPSK	135	0	20.80	20.80	20.80			
100	PI/2 BPSK	135	69	20.97	20.97	20.97	22.0	0.0	
100	PI/2 BPSK	135	138	20.88	20.88	20.88	22.0	0.0	
100	PI/2 BPSK	270	0	20.85	20.85	20.85	22.0	0.0	
100	QPSK	1	1	20.88	20.88	20.88			
100	QPSK	1	137	20.97	20.97	20.97			
100	QPSK	1	271	20.88	20.88	20.88			
100	QPSK	135	0	20.94	20.94	20.94	22.0	0.0	
100	QPSK	135	69	20.87	20.87	20.87	22.0	0.0	
100	QPSK	135	138	20.74	20.74	20.74	22.0	0.0	
100	QPSK	270	0	20.82	20.82	20.82	22.0	0.0	
100	16QAM	1	1	20.90	20.90	20.90			
100	64QAM	1	1	20.74	20.74	20.74			
100	256QAM	1	1	20.85	20.85	20.85			
Channel				649668	650000	650334	22.0	MPR	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	20.85	20.90	20.78	22.0	0.0	
Channel				649334	650000	650668	22.0	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	20.70	20.89	20.78	22.0	0.0	
Channel				649000	650000	651000	22.0	MPR	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	20.66	20.85	20.78	22.0	0.0	
Channel				648668	650000	651334	22.0	MPR	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	20.75	20.88	20.64	22.0	0.0	
Channel				648334	650000	651668	22.0	MPR	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	20.75	20.89	20.70	22.0	0.0	
Channel				648000	650000	652000	22.0	MPR	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	20.65	20.89	20.68	22.0	0.0	
Channel				647668	650000	652334	22.0	MPR	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	20.77	20.80	20.64	22.0	0.0	
Channel				647334	650000	652500	22.0	MPR	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	20.66	20.93	20.77	22.0	0.0	
Channel				647334	650000	652668	22.0	MPR	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	20.78	20.98	20.65	22.0	0.0	
Channel				647188	650000	652834	22.0	MPR	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	20.73	20.96	20.77	22.0	0.0	
Channel				647000	650000	653000	22.0	MPR	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	20.76	20.96	20.78	22.0	0.0	

Part270 n77 Ant9 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	655000	655000	19.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.24	18.40	18.03	19.6	0.0	
100	PI/2 BPSK	1	137	18.22	18.34	18.01			
100	PI/2 BPSK	1	271	18.26	18.28	18.11			
100	PI/2 BPSK	135	0	18.21	18.30	18.11			
100	PI/2 BPSK	135	69	18.15	18.30	18.12	19.6	0.0	
100	PI/2 BPSK	135	138	18.20	18.34	18.05	19.6	0.0	
100	PI/2 BPSK	270	0	18.23	18.31	18.02	19.6	0.0	
100	QPSK	1	1	18.19	18.42	18.06			
100	QPSK	1	137	18.25	18.29	18.11			
100	QPSK	1	271	18.23	18.33	18.04			
100	QPSK	135	0	18.26	18.31	18.14	19.6	0.0	
100	QPSK	135	69	18.12	18.41	18.00	19.6	0.0	
100	QPSK	135	138	18.21	18.29	18.10	19.6	0.0	
100	QPSK	270	0	18.24	18.35	18.05	19.6	0.0	
100	16QAM	1	1	18.12	18.36	18.05			
100	64QAM	1	1	18.17	18.38	18.02			
100	256QAM	1	1	18.12	18.32	18.12			
Channel				649668	655000	655334	19.6	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.16	18.16	17.95	19.6	0.0	
Channel				649334	655000	652668	19.6	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.07	18.17	17.93	19.6	0.0	
Channel				649000	655000	653000	19.6	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.08	18.16	17.89	19.6	0.0	
Channel				648668	655000	653334	19.6	0.0	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.05	18.28	17.88	19.6	0.0	
Channel				648334	655000	653668	19.6	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.16	18.16	17.98	19.6	0.0	
Channel				648000	655000	654000	19.6	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.17	18.28	18.03	19.6	0.0	
Channel				647668	655000	654334	19.6	0.0	
Frequency (MHz)				3715.02	3840	3955.01			
30	QPSK	1	1	18.00	18.24	17.95	19.6	0.0	
Channel				647334	655000	654500	19.6	0.0	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	18.06	18.27	17.92	19.6	0.0	
Channel				647000	655000	654668	19.6	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.11	18.16	17.92	19.6	0.0	
Channel				647168	655000	654834	19.6	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.09	18.20	17.89	19.6	0.0	
Channel				647000	655000	655000	19.6	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.04	18.28	17.90	19.6	0.0	

Part270 n78 Ant9 PC3/PC2									
BW [MHz]	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	18.28	18.28	18.16	19.6	0.0	
100	PI/2 BPSK	1	137	18.28	18.28	18.16			
100	PI/2 BPSK	1	271	18.28	18.28	18.16			
100	PI/2 BPSK	135	0	18.27	18.27	18.16			
100	PI/2 BPSK	135	69	18.24	18.24	18.16	19.6	0.0	
100	PI/2 BPSK	135	138	18.27	18.27	18.16	19.6	0.0	
100	PI/2 BPSK	270	0	18.24	18.24	18.16	19.6	0.0	
100	QPSK	1	1	18.27	18.27	18.16			
100	QPSK	1	137	18.19	18.19	18.16			
100	QPSK	1	271	18.21	18.21	18.16			
100	QPSK	135	0	18.20	18.20	18.16	19.6	0.0	
100	QPSK	135	69	18.28	18.28	18.16	19.6	0.0	
100	QPSK	135	138	18.15	18.15	18.16	19.6	0.0	
100	QPSK	270	0	18.21	18.21	18.16	19.6	0.0	
100	16QAM	1	1	18.22	18.22	18.16			
100	64QAM	1	1	18.26	18.26	18.16			
100	256QAM	1	1	18.24	18.24	18.16			
Channel				649668	650000	650334	19.6	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	18.34	18.29	18.35	19.6	0.0	
Channel				649334	650000	650668	19.6	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	18.20	18.20	18.29	19.6	0.0	
Channel				649000	650000	651000	19.6	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	18.30	18.27	18.27	19.6	0.0	
Channel				648668	650000	651334	19.6	0.0	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	18.25	18.28	18.30	19.6	0.0	
Channel				648334	650000	651668	19.6	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	18.36	18.30	18.36	19.6	0.0	
Channel				648000	650000	652000	19.6	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	18.29	18.32	18.31	19.6	0.0	
Channel				647668	650000	652334	19.6	0.0	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	18.35	18.31	18.36	19.6	0.0	
Channel				647500	650000	652500	19.6	0.0	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1	18.27	18.34	18.35	19.6	0.0	
Channel				647334	650000	652668	19.6	0.0	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	18.27	18.34	18.30	19.6	0.0	
Channel				647168	650000	652834	19.6	0.0	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1	18.26	18.35	18.27	19.6	0.0	
Channel				647000	650000	653000	19.6	0.0	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1	18.28	18.28	18.28	19.6	0.0	

Reduced Power Mode for ECI 7

n5 Ant0								
BW [MHz]	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	167800	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60	24.0	0.0

n7 Ant1								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	18.98	19.20	18.99	20.2	0.0
50	QPSK	135	68	18.90	19.10	18.92	20.2	0.0
50	QPSK	270	0	18.58	19.04	18.91	20.2	0.0

n5 Ant4								
BW [MHz]	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	22.74	22.89	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	100	0	22.59	22.85	22.65	24.0	0.0

n38 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2596	2599.98		
40	QPSK	1	1	16.59	16.90	16.48	17.6	0.0
40	QPSK	50	28	16.58	16.68	16.44	17.6	0.0
40	QPSK	100	0	16.63	16.65	16.48	17.6	0.0

n26 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	22.48	22.71	22.54	23.5	0.0
20	QPSK	50	28	22.46	22.68	22.47	23.5	0.0
20	QPSK	100	0	22.61	22.64	22.45	23.5	0.0

n38 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2596	2599.98		
40	QPSK	1	1	17.99	18.16	18.13	19.3	0.0
40	QPSK	50	28	18.00	18.14	18.07	19.3	0.0
40	QPSK	100	0	18.01	18.12	18.11	19.3	0.0

n7 Ant4								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	17.98	18.15	17.80	19.3	0.0
50	QPSK	135	68	17.96	18.07	17.91	19.3	0.0
50	QPSK	270	0	17.98	18.02	17.80	19.3	0.0

n41 Ant4								
BW [MHz]	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	2592.89	2640		
100	QPSK	1	1	16.57	16.73	16.57	17.6	0.0
100	QPSK	135	69	16.52	16.70	16.58	17.6	0.0
100	QPSK	270	0	16.55	16.65	16.61	17.6	0.0

n41 Ant1								
BW [MHz]	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	2592.89	2640		
100	QPSK	1	1	18.08	18.25	18.13	19.3	0.0
100	QPSK	135	69	18.05	18.17	18.13	19.3	0.0
100	QPSK	270	0	18.13	18.15	18.06	19.3	0.0

n26 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	20.87	20.96	20.75	22.0	0.0
20	QPSK	50	28	20.81	20.88	20.74	22.0	0.0
20	QPSK	100	0	20.73	20.82	20.70	22.0	0.0

n71									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PV2 BPSK	1	1	23.07	23.13	22.97	24.0	0.0	
20	PV2 BPSK	1	53	22.98	23.01	22.91			
20	PV2 BPSK	1	104	22.97	23.00	22.83			
20	PV2 BPSK	50	0	23.09	23.13	22.90	24.0	0.0	
20	PV2 BPSK	50	28	22.98	22.98	22.98	24.0	0.0	
20	PV2 BPSK	50	56	22.83	23.05	22.94	24.0	0.0	
20	PV2 BPSK	100	0	22.98	22.98	22.92	24.0	0.0	
20	QPSK	1	1	23.12	23.18	23.16			
20	QPSK	1	53	23.01	23.09	23.03			
20	QPSK	1	104	22.98	23.14	23.09	24.0	0.0	
20	QPSK	50	0	22.82	22.85	22.86			
20	QPSK	50	28	23.03	23.14	23.04			
20	QPSK	50	56	22.74	22.83	22.72	24.0	0.0	
20	QPSK	100	0	22.81	22.94	22.80	24.0	0.0	
20	16QAM	1	1	22.89	22.98	22.83			
20	64QAM	1	1	22.81	22.97	22.81			
20	256QAM	1	1	21.43	21.57	21.53	22.5	1.5	
Channel				134100	136100	138100			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	22.98	23.06	23.11	24.0	0.0	
Channel				133600	136100	138600			
Frequency (MHz)				603	603.5	603			
10	QPSK	1	1	23.02	23.06	23.10	24.0	0.0	
Channel				133100	136100	139100			
Frequency (MHz)				665.5	680.5	696.5			
5	QPSK	1	1	22.96	23.10	23.07	24.0	0.0	

n71										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				134600	136100	137600				
Frequency (MHz)				672	680.5	688				
20	PI2 BPSK	1	1	22.92	22.92	22.82	24.0	0.0		
20	PI2 BPSK	1	53	22.82	22.76	22.68				
20	PI2 BPSK	1	104	22.74	22.77	22.68				
20	PI2 BPSK	50	0	22.84	22.92	22.71	24.0	0.0		
20	PI2 BPSK	50	28	22.78	22.77	22.76	24.0	0.0		
20	PI2 BPSK	50	56	22.68	22.81	22.70	24.0	0.0		
20	PI2 BPSK	100	0	22.78	22.80	22.75				
20	QPSK	1	1	22.96	22.98	22.91				
20	QPSK	1	53	22.78	22.94	22.77	24.0	0.0		
20	QPSK	1	104	22.75	22.91	22.87	24.0	0.0		
20	QPSK	50	0	22.66	22.69	22.61				
20	QPSK	50	28	22.86	22.89	22.81				
20	QPSK	50	56	22.56	22.63	22.46	24.0	0.0		
20	QPSK	100	0	22.65	22.75	22.63				
20	16QAM	1	1	22.67	22.79	22.59	24.0	0.0		
20	64QAM	1	1	22.67	22.72	22.62	24.0	0.0		
20	256QAM	1	1	21.25	21.38	21.29	22.5	1.5		
Channel				134100	136100	138100				
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	1	22.89	22.90	22.76	24.0	0.0		
Channel				133600	136100	138600				
Frequency (MHz)				693	693.5	693				
10	QPSK	1	1	22.88	22.91	22.81	24.0	0.0		
Channel				133100	136100	139100				
Frequency (MHz)				686.5	686.5	686.5				
5	QPSK	1	1	22.82	22.88	22.84	24.0	0.0		

Part270 n77 Ant5 PC3/PC2									
BW [MHz]	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	12.8	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	11.61	11.80	11.53	12.8	0.0	
100	PI/2 BPSK	1	137	11.64	11.76	11.67			
100	PI/2 BPSK	1	271	11.54	11.73	11.66			
100	PI/2 BPSK	135	0	11.55	11.81	11.53			
100	PI/2 BPSK	135	69	11.67	11.69	11.54	12.8	0.0	
100	PI/2 BPSK	135	138	11.59	11.76	11.65	12.8	0.0	
100	PI/2 BPSK	270	0	11.67	11.78	11.58	12.8	0.0	
100	QPSK	1	1	11.59	11.80	11.65			
100	QPSK	1	137	11.63	11.75	11.64			
100	QPSK	1	271	11.53	11.68	11.54			
100	QPSK	135	0	11.57	11.76	11.62	12.8	0.0	
100	QPSK	135	69	11.59	11.61	11.55	12.8	0.0	
100	QPSK	135	138	11.64	11.70	11.56	12.8	0.0	
100	QPSK	270	0	11.66	11.72	11.53	12.8	0.0	
100	16QAM	1	1	11.56	11.80	11.66	12.8	0.0	
100	64QAM	1	1	11.54	11.76	11.65	12.8	0.0	
100	256QAM	1	1	11.58	11.68	11.66	12.8	0.0	
Channel				649968	650032	650334	12.8	0.0	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	11.51	11.62	11.49	12.8	0.0	
Channel				649334	650000	650668	12.8	0.0	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	11.49	11.75	11.58	12.8	0.0	
Channel				649000	650000	650300	12.8	0.0	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	11.54	11.71	11.60	12.8	0.0	
Channel				648668	650000	650334	12.8	0.0	
Frequency (MHz)				3730.02	3840	3920.01			
60	QPSK	1	1	11.57	11.68	11.62	12.8	0.0	
Channel				648334	650000	650668	12.8	0.0	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	11.55	11.69	11.60	12.8	0.0	
Channel				648000	650000	650300	12.8	0.0	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	11.51	11.73	11.62	12.8	0.0	
Channel				647668	650000	654334	12.8	0.0	
Frequency (MHz)				3715.02	3840	3955.01			
30	QPSK	1	1	11.51	11.76	11.55	12.8	0.0	
Channel				647300	650000	654500	12.8	0.0	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	11.50	11.70	11.56	12.8	0.0	
Channel				647334	650000	654668	12.8	0.0	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	11.50	11.63	11.63	12.8	0.0	
Channel				647168	650000	654834	12.8	0.0	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	11.54	11.71	11.57	12.8	0.0	
Channel				647000	650000	655000	12.8	0.0	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	11.55	11.64	11.55	12.8	0.0	

Part270 n78 Ant5 PC3/PC2									
BW [MHz]	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	12.8	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		11.77		12.8	0.0	
100	PI/2 BPSK	1	137		11.72				
100	PI/2 BPSK	1	271		11.62				
100	PI/2 BPSK	135	0		11.68				
100	PI/2 BPSK	135	69		11.62		12.8	0.0	
100	PI/2 BPSK	135	138		11.62		12.8	0.0	
100	PI/2 BPSK	270	0		11.73		12.8	0.0	
100	QPSK	1	1		11.68				
100	QPSK	1	137		11.57				
100	QPSK	1	271		11.53				
100	QPSK	135	0		11.58		12.8	0.0	
100	QPSK	135	69		11.65		12.8	0.0	
100	QPSK	135	138		11.63		12.8	0.0	
100	QPSK	270	0		11.57		12.8	0.0	
100	16QAM	1	1		11.69		12.8	0.0	
100	64QAM	1	1		11.70		12.8	0.0	
100	256QAM	1	1		11.58		12.8	0.0	
Channel				649968	650032	650334	12.8	0.0	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	11.55	11.67	11.55	12.8	0.0	
Channel				649334	650000	650668	12.8	0.0	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	11.41	11.67	11.57	12.8	0.0	
Channel				649000	650000	651000	12.8	0.0	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1	11.50	11.67	11.50	12.8	0.0	
Channel				648668	650000	651334	12.8	0.0	
Frequency (MHz)				3730.02	3750	3720.01			
60	QPSK	1	1	11.42	11.69	11.62	12.8	0.0	
Channel				648334	650000	651668	12.8	0.0	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	11.55	11.71	11.58	12.8	0.0	
Channel				648000	650000	652000	12.8	0.0	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	11.51	11.75	11.55	12.8	0.0	
Channel				647668	650000	652334	12.8	0.0	
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1	11.47	11.70	11.54	12.8	0.0	
Channel				647300	650000	652500	12.8	0.0	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1	11.54	11.63	11.51	12.8	0.0	
Channel				647334	650000	652668	12.8	0.0	
Frequency (MHz)				3710.01	3750	3720.02			
20	QPSK	1	1	11.57	11.61	11.62	12.8	0.0	
Channel				647168	650000	652834	12.8	0.0	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1	11.51	11.67	11.56	12.8	0.0	
Channel				647000	650000	653000	12.8	0.0	
Frequency (MHz)				3705	3750	3765			
10	QPSK	1	1	11.46	11.73	11.53	12.8	0.0	

Part270 n77 Ant3 PC3/PC2									
BW [MHz]	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	14.6	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.11	13.14	12.87	14.6	0.0	
100	PI/2 BPSK	1	137	13.04	13.21	12.96			
100	PI/2 BPSK	1	271	13.04	13.16	12.97			
100	PI/2 BPSK	135	0	13.04	13.18	13.00			
100	PI/2 BPSK	135	69	13.05	13.15	12.96	14.6	0.0	
100	PI/2 BPSK	135	138	12.96	13.17	13.00	14.6	0.0	
100	PI/2 BPSK	270	0	13.01	13.09	12.94	14.6	0.0	
100	QPSK	1	1	12.99	13.30	13.01			
100	QPSK	1	137	13.03	13.19	12.89			
100	QPSK	1	271	13.10	13.14	12.98			
100	QPSK	135	0	13.08	13.15	13.01	14.6	0.0	
100	QPSK	135	69	12.96	13.21	12.98	14.6	0.0	
100	QPSK	135	138	13.02	13.13	12.92	14.6	0.0	
100	QPSK	270	0	13.02	13.17	12.95	14.6	0.0	
100	16QAM	1	1	13.11	13.19	12.92	14.6	0.0	
100	64QAM	1	1	13.05	13.18	12.93	14.6	0.0	
100	256QAM	1	1	13.07	13.22	12.91	14.6	0.0	
Channel				649968	650032	650334	14.6	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	12.87	13.19	12.99	14.6	0.0	
Channel				649334	650000	650668	14.6	MPR	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	12.99	13.25	13.01	14.6	0.0	
Channel				649000	650000	650300	14.6	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	12.99	13.28	12.92	14.6	0.0	
Channel				648668	650000	650334	14.6	MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	13.02	13.24	13.08	14.6	0.0	
Channel				648334	650000	650668	14.6	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	13.05	13.30	12.97	14.6	0.0	
Channel				648000	650000	650300	14.6	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	12.87	13.26	12.94	14.6	0.0	
Channel				647668	650000	650334	14.6	MPR	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	12.90	13.28	12.94	14.6	0.0	
Channel				647334	650000	650300	14.6	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	12.97	13.23	13.05	14.6	0.0	
Channel				647000	650000	650668	14.6	MPR	
Frequency (MHz)				647334	650000	650668			
20	QPSK	1	1	13.02	13.19	13.03	14.6	0.0	
Channel				647188	650000	650634	14.6	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	13.03	13.26	13.05	14.6	0.0	
Channel				647000	650000	650300	14.6	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	12.91	13.29	13.01	14.6	0.0	

Part270 n78 Ant3 PC3/PC2									
BW [MHz]	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	14.6	0.0	
Frequency (MHz)				3750	3760	3760			
100	PI/2 BPSK	1	1		13.06		14.6	0.0	
100	PI/2 BPSK	1	137		13.26				
100	PI/2 BPSK	1	271		13.07				
100	PI/2 BPSK	135	0		13.17				
100	PI/2 BPSK	135	69		13.18		14.6	0.0	
100	PI/2 BPSK	135	138		13.10		14.6	0.0	
100	PI/2 BPSK	270	0		13.08		14.6	0.0	
100	QPSK	1	1		13.27				
100	QPSK	1	137		13.16				
100	QPSK	1	271		13.19				
100	QPSK	135	0		13.14		14.6	0.0	
100	QPSK	135	69		13.18		14.6	0.0	
100	QPSK	135	138		13.15		14.6	0.0	
100	QPSK	270	0		13.10		14.6	0.0	
100	16QAM	1	1		13.14		14.6	0.0	
100	64QAM	1	1		13.18		14.6	0.0	
100	256QAM	1	1		13.16		14.6	0.0	
Channel				649668	650000	650334	14.6	MPR	
Frequency (MHz)				3745.02	3760	3765.01			
90	QPSK	1	1	12.99	13.16	12.93	14.6	0.0	
Channel				649334	650000	650668	14.6	MPR	
Frequency (MHz)				3740.01	3760	3760.02			
80	QPSK	1	1	12.89	13.25	12.90	14.6	0.0	
Channel				649000	650000	650300	14.6	MPR	
Frequency (MHz)				3735	3760	3765			
70	QPSK	1	1	12.90	13.15	13.04	14.6	0.0	
Channel				648668	650000	650334	14.6	MPR	
Frequency (MHz)				3730.02	3760	3770.01			
60	QPSK	1	1	12.90	13.15	13.04	14.6	0.0	
Channel				648334	650000	650668	14.6	MPR	
Frequency (MHz)				3725.01	3760	3775.02			
50	QPSK	1	1	12.91	13.12	13.01	14.6	0.0	
Channel				648000	650000	650300	14.6	MPR	
Frequency (MHz)				3720	3760	3780			
40	QPSK	1	1	12.96	13.12	13.02	14.6	0.0	
Channel				647668	650000	650334	14.6	MPR	
Frequency (MHz)				3715.02	3760	3785.01			
30	QPSK	1	1	13.00	13.11	12.97	14.6	0.0	
Channel				647334	650000	650300	14.6	MPR	
Frequency (MHz)				3712.5	3760	3787.5			
25	QPSK	1	1	12.91	13.26	12.93	14.6	0.0	
Channel				647000	650000	650668	14.6	MPR	
Frequency (MHz)				3710.01	3760	3790.02			
20	QPSK	1	1	13.01	13.24	12.94	14.6	0.0	
Channel				647188	650000	650634	14.6	MPR	
Frequency (MHz)				3707.52	3760	3792.51			
15	QPSK	1	1	12.89	13.23	13.02	14.6	0.0	
Channel				647000	650000	650300	14.6	MPR	
Frequency (MHz)				3705	3760	3795			
10	QPSK	1	1	12.91	13.21	12.94	14.6	0.0	

Part270 n77 Ant7 PC3/PC2									
BW [MHz]	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	17.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.90	15.93	15.92	17.5	0.0	
100	PI/2 BPSK	1	137	15.82	16.01	15.80			
100	PI/2 BPSK	1	271	15.92	15.91	15.87	17.5	0.0	
100	PI/2 BPSK	135	0	15.91	15.88	15.88			
100	PI/2 BPSK	135	69	15.85	15.96	15.88	17.5	0.0	
100	PI/2 BPSK	135	138	15.85	15.87	15.91			
100	PI/2 BPSK	270	0	15.93	15.92	15.80	17.5	0.0	
100	QPSK	1	1	15.84	16.05	15.86			
100	QPSK	1	137	15.88	15.87	15.89	17.5	0.0	
100	QPSK	1	271	15.85	15.91	15.88			
100	QPSK	135	0	15.88	15.91	15.94	17.5	0.0	
100	QPSK	135	69	15.94	16.02	15.93			
100	QPSK	135	138	15.86	15.96	15.80	17.5	0.0	
100	QPSK	270	0	15.90	15.98	15.83			
100	16QAM	1	1	15.96	15.97	15.94	17.5	0.0	
100	64QAM	1	1	15.87	15.91	15.84			
100	256QAM	1	1	15.89	15.88	15.81	17.5	0.0	
Channel				649998	650002	650004			
Frequency (MHz)				3745.02	3840	3935.01	17.5	0.0	
90	QPSK	1	1	15.76	15.91	15.69			
Channel				649334	650000	650668	17.5	MPR	
Frequency (MHz)				3740.01	3740	3940.02			
80	QPSK	1	1	15.72	15.93	15.83	17.5	0.0	
Channel				649000	650000	650300			
Frequency (MHz)				3735	3840	3945	17.5	0.0	
70	QPSK	1	1	15.79	15.95	15.71		17.5	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3840	3950.01	17.5	0.0	
60	QPSK	1	1	15.69	15.91	15.76			
Channel				648334	650000	650668	17.5	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.70	15.95	15.78	17.5	0.0	
Channel				648000	650000	650300			
Frequency (MHz)				3720	3840	3960	17.5	0.0	
40	QPSK	1	1	15.76	15.94	15.71			
Channel				647668	650000	654334	17.5	MPR	
Frequency (MHz)				3715.02	3740	3965.01			
30	QPSK	1	1	15.71	15.89	15.81	17.5	0.0	
Channel				647000	650000	654500			
Frequency (MHz)				3712.5	3840	3967.5	17.5	0.0	
25	QPSK	1	1	15.70	15.96	15.77			
Channel				647334	650000	654668	17.5	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.74	15.87	15.76	17.5	0.0	
Channel				647168	650000	654834			
Frequency (MHz)				3707.52	3840	3972.51	17.5	0.0	
15	QPSK	1	1	15.78	15.85	15.75			
Channel				647000	650000	655000	17.5	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	15.79	15.94	15.81	17.5	0.0	
Channel				647000	650000	655000			

Part270 n78 Ant7 PC3/PC2									
BW [MHz]	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	17.5	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1	15.78			17.5	0.0	
100	PI/2 BPSK	1	137	15.90					
100	PI/2 BPSK	1	271	15.75			17.5	0.0	
100	PI/2 BPSK	135	0	15.82					
100	PI/2 BPSK	135	69	15.87			17.5	0.0	
100	PI/2 BPSK	135	138	15.83					
100	PI/2 BPSK	270	0	15.76			17.5	0.0	
100	QPSK	1	1	15.88					
100	QPSK	1	137	15.71			17.5	0.0	
100	QPSK	1	271	15.89					
100	QPSK	135	0	15.76			17.5	0.0	
100	QPSK	135	69	15.92					
100	QPSK	135	138	15.88			17.5	0.0	
100	QPSK	270	0	15.91					
100	16QAM	1	1	15.92			17.5	0.0	
100	64QAM	1	1	15.81					
100	256QAM	1	1	15.74			17.5	0.0	
Channel				649998	650002	650334			
Frequency (MHz)				3745.02	3750	3755.01	17.5	MPR	
90	QPSK	1	1	15.74	15.78	15.74			
Channel				649334	650000	650668	17.5	MPR	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	15.70	15.90	15.74	17.5	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765	17.5	0.0	
70	QPSK	1	1	15.77	15.78	15.78		17.5	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	17.5	0.0	
60	QPSK	1	1	15.65	15.88	15.77			
Channel				648334	650000	651668	17.5	MPR	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	15.81	15.83	15.79	17.5	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780	17.5	0.0	
40	QPSK	1	1	15.69	15.76	15.68		17.5	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	17.5	MPR	
30	QPSK	1	1	15.72	15.87	15.74		17.5	
Channel				647000	650000	652500			
Frequency (MHz)				3712.5	3750	3787.5	17.5	0.0	
25	QPSK	1	1	15.74	15.83	15.80		17.5	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	17.5	0.0	
20	QPSK	1	1	15.87	15.77	15.75		17.5	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51	17.5	0.0	
15	QPSK	1	1	15.78	15.81	15.76		17.5	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795	17.5	0.0	
10	QPSK	1	1	15.67	15.80	15.74			

Part270 n77 Ant9 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000	65000	65000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	14.63	14.88	14.62	15.9	0.0	
100	PI/2 BPSK	1	137	14.74	14.78	14.60			
100	PI/2 BPSK	1	271	14.71	14.90	14.65			
100	PI/2 BPSK	135	0	14.65	14.91	14.57	15.9	0.0	
100	PI/2 BPSK	135	69	14.68	14.89	14.60	15.9	0.0	
100	PI/2 BPSK	135	138	14.70	14.86	14.58	15.9	0.0	
100	PI/2 BPSK	270	0	14.71	14.78	14.50	15.9	0.0	
100	QPSK	1	1	14.62	14.85	14.64			
100	QPSK	1	137	14.73	14.81	14.55			
100	QPSK	1	271	14.80	14.89	14.51	15.9	0.0	
100	QPSK	135	0	14.69	14.86	14.53	15.9	0.0	
100	QPSK	135	69	14.67	14.84	14.53	15.9	0.0	
100	QPSK	135	138	14.69	14.88	14.70	15.9	0.0	
100	QPSK	270	0	14.75	14.90	14.70	15.9	0.0	
100	16QAM	1	1	14.62	14.93	14.51			
100	64QAM	1	1	14.68	14.78	14.53			
100	256QAM	1	1	14.61	14.78	14.56	15.9	0.0	
Channel				64998	65000	65034	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	14.54	14.74	14.64	15.9	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	14.54	14.74	14.56	15.9	0.0	
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	14.63	14.71	14.58	15.9	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	14.67	14.68	14.67	15.9	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02 <td colspan="3"></td>			
50	QPSK	1	1	14.52	14.71	14.61	15.9	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	14.55	14.71	14.64	15.9	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	14.65	14.74	14.60	15.9	0.0	
Channel				647334	650000	654500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	14.64	14.73	14.55	15.9	0.0	
Channel				647000	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	14.61	14.82	14.59	15.9	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52 <td>3840</td> <td>3972.51</td> <td colspan="3"></td>	3840	3972.51			
15	QPSK	1	1	14.54	14.70	14.58	15.9	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	14.63	14.81	14.64	15.9	0.0	

Part270 n78 Ant9 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR	
Channel				65000	65000	65000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		14.67		15.9	0.0	
100	PI/2 BPSK	1	137		14.67				
100	PI/2 BPSK	1	271		14.65				
100	PI/2 BPSK	135	0		14.91		15.9	0.0	
100	PI/2 BPSK	135	69		14.84		15.9	0.0	
100	PI/2 BPSK	135	138		14.82		15.9	0.0	
100	PI/2 BPSK	270	0		14.83		15.9	0.0	
100	QPSK	1	1		14.94				
100	QPSK	1	137		14.80				
100	QPSK	1	271		14.84		15.9	0.0	
100	QPSK	135	0		14.86				
100	QPSK	135	69		14.90				
100	QPSK	135	138		14.88		15.9	0.0	
100	QPSK	270	0		14.84		15.9	0.0	
100	16QAM	1	1		14.92				
100	64QAM	1	1		14.83				
100	256QAM	1	1		14.87		15.9	0.0	
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	1	14.51	14.70	14.59	15.9	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	14.45	14.78	14.60	15.9	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3760	3765	(dBm)	(dB)	
70	QPSK	1	1	14.51	14.72	14.68	15.9	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3760	3770.01	(dBm)	(dB)	
60	QPSK	1	1	14.43	14.75	14.60	15.9	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3760	3775.02	(dBm)	(dB)	
50	QPSK	1	1	14.44	14.73	14.57	15.9	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3760	3780	(dBm)	(dB)	
40	QPSK	1	1	14.56	14.72	14.80	15.9	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3760	3785.01	(dBm)	(dB)	
30	QPSK	1	1	14.46	14.74	14.57	15.9	0.0	
Channel				647334	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3760	3787.5	(dBm)	(dB)	
25	QPSK	1	1	14.58	14.74	14.63	15.9	0.0	
Channel				647000	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3760	3790.02	(dBm)	(dB)	
20	QPSK	1	1	14.47	14.79	14.67	15.9	0.0	
Channel				647168	650000	652834	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3760	3792.51	(dBm)	(dB)	
15	QPSK	1	1	14.55	14.76	14.63	15.9	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3760	3795	(dBm)	(dB)	
10	QPSK	1	1	14.45	14.74	14.68	15.9	0.0	

Full&Default Power Mode for Other PA

n7 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	24.0	0.0
Frequency (MHz)								
50	QPSK	1	1	22.97	23.00	22.95	24.0	0.0
50	QPSK	135	68	22.92	22.95	22.81	24.0	0.0
50	QPSK	270	0	22.59	22.71	22.63	24.0	0.0

n7 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	24.0	0.0
Frequency (MHz)								
50	QPSK	1	1	22.85	22.90	22.87	24.0	0.0
50	QPSK	135	68	22.77	22.85	22.70	24.0	0.0
50	QPSK	270	0	22.43	22.65	22.55	24.0	0.0

Reduced Power Mode for Other PA EC12

n7 Ant1								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	22.97	23.00	22.95	24.0	0.0
50	QPSK	135	68	22.92	22.95	22.81	24.0	0.0
50	QPSK	270	0	22.99	22.71	22.63	24.0	0.0

n7 Ant4								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	18.99	19.14	19.11	20.6	0.0
50	QPSK	135	68	18.67	18.79	18.75	20.6	0.0
50	QPSK	270	0	18.52	18.69	18.60	20.6	0.0

Reduced Power Mode for Main PA ECI 3

n7 Ant1								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.02	21.09	20.82	22.2	0.0
50	QPSK	135	68	20.89	21.02	20.76	22.2	0.0
50	QPSK	270	0	20.82	20.90	20.81	22.2	0.0

n7 Ant4								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	19.04	19.07	18.86	20.6	0.0
50	QPSK	135	68	18.98	18.94	18.99	20.6	0.0
50	QPSK	270	0	18.60	18.83	18.68	20.6	0.0

Reduced Power Mode for Other PA ECI 6

n7 Ant1								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.03	21.10	20.95	22.1	0.0
50	QPSK	135	68	20.89	20.98	20.75	22.1	0.0
50	QPSK	270	0	20.65	20.68	20.57	22.1	0.0

n7 Ant4								
BW [MHz]	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	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	20.95	21.00	20.93	22.0	0.0
50	QPSK	135	68	20.83	20.89	20.70	22.0	0.0
50	QPSK	270	0	20.63	20.71	20.61	22.0	0.0

Reduced Power Mode for Other PA ECI 7

n7 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power P _{max}	Power P _{max} (dBm)	Power P _{max} (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2325	2335	2345		
50	QPSK	1	1	18.85	18.05	18.26	20.2	0.0
50	QPSK	135	68	18.94	18.95	18.82	20.2	0.0
50	QPSK	270	0	18.86	18.92	18.74	20.2	0.0

n7 Ant4								
BW [MHz]	Modulation	RB Size	RB Offset	Power P _{max}	Power P _{max} (dBm)	Power P _{max} (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2325	2335	2345		
50	QPSK	1	1	17.90	18.01	17.70	19.3	0.0
50	QPSK	135	68	17.86	18.01	17.87	19.3	0.0
50	QPSK	270	0	17.84	17.92	17.75	19.3	0.0

		Default Power		Head Standalone		Head Simultaneous		Body worn Standalone		Body worn Simultaneous		Hotspot		Duty Cycle %
	Mode	Channel	Frequnc y (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.40	20.00	15.69	17.00	10.58	12.00	18.39	19.50	13.11	14.50	99.14
		6	2437	18.44	20.00	15.80	17.00	10.69	12.00	18.21	19.50	13.27	14.50	
	802.11g 6Mbps	11	2462	18.28	20.00	15.65	17.00	10.54	12.00	18.04	19.50	13.04	14.50	96.97
		1	2412	18.54	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	
	802.11n-HT20 MCS0	11	2462	18.41	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	96.76
		1	2412	14.92	16.50	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	
	802.11n-HT40 MCS0	1	2412	18.59	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	93.71
		6	2437	18.46	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	
	802.11ax-HE20 MCS0	1	2412	13.94	14.50	14.50	14.50	12.00	12.00	14.50	14.50	14.50	14.50	95.90
		6	2437	18.61	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	
	802.11ax-HE40 MCS0	1	2412	18.43	20.00	17.00	17.00	12.00	12.00	19.50	19.50	14.50	14.50	92.46
		6	2437	17.05	18.50	17.00	17.00	12.00	12.00	18.50	14.50	14.50	14.50	
	802.11ax-HE60 MCS0	1	2412	17.05	18.50	17.00	17.00	12.00	12.00	18.50	14.50	14.50	14.50	
		6	2437	14.90	16.50	16.50	16.50	12.00	12.00	16.50	14.50	14.50	14.50	
	802.11ax-HE80 MCS0	1	2412	17.05	18.50	17.00	17.00	12.00	12.00	18.50	14.50	14.50	14.50	
		6	2437	12.87	14.00	14.50	14.50	12.00	12.00	14.50	14.50	14.50	14.50	

<5.2GHz WLAN>

		Default Power		Head Standalone		Body worn Standalone		Head&Body worn Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot		Duty Cycle %
	Mode	Channel	Frequnc y (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.92	19.50	14.50	14.50	10.00	17.00	19.00	19.00	15.00	15.00	14.00	14.00	96.96
		40	5200	17.87	19.50	14.50	14.50	10.00	17.15	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11n-HT20 MCS0	44	5220	17.88	19.50	14.50	14.50	10.00	17.08	19.00	19.00	15.00	15.00	14.00	14.00	96.95
		38	5160	18.12	19.50	14.50	14.50	10.00	17.27	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11n-HT40 MCS0	36	5180	18.09	19.50	14.50	14.50	10.00	18.50	19.00	19.00	15.00	15.00	14.00	14.00	93.28
		40	5200	17.89	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT20 MCS0	44	5220	17.89	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	96.79
		48	5240	17.88	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT40 MCS0	38	5160	18.13	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	93.36
		48	5240	17.88	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT80 MCS0	38	5160	17.51	19.00	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	87.50
		42	5210	18.27	19.50	13.24	14.50	8.31	10.00	19.00	19.00	13.28	14.50	12.46	14.00	
	802.11ax-HE20 MCS0	36	5180	17.19	18.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	95.88
		40	5200	18.14	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ax-HE40 MCS0	44	5220	18.20	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	92.04
		48	5240	18.13	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ax-HE60 MCS0	48	5240	17.30	18.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	86.09
		42	5210	14.46	16.00	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	

<5.2GHz WLAN>

		Default Power		Head Standalone		Body worn Standalone		Head&Body worn Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot		Duty Cycle %
	Mode	Channel	Frequnc y (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.09	19.50	14.50	14.50	10.00	17.19	19.00	19.00	15.00	15.00	14.00	14.00	96.96
		40	5200	18.15	19.50	14.50	14.50	10.00	17.25	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11n-HT20 MCS0	44	5220	18.27	19.50	14.50	14.50	10.00	17.20	19.00	19.00	15.00	15.00	14.00	14.00	96.95
		38	5160	18.53	19.50	14.50	14.50	10.00	17.29	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11n-HT40 MCS0	36	5180	18.06	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	93.28
		40	5200	18.10	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT20 MCS0	44	5220	18.06	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	96.79
		48	5240	17.88	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT40 MCS0	38	5160	18.13	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	93.36
		48	5240	17.88	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ac-VHT80 MCS0	38	5160	17.51	19.00	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	87.50
		42	5210	18.27	19.50	13.24	14.50	8.31	10.00	19.00	19.00	13.28	14.50	12.46	14.00	
	802.11ax-HE20 MCS0	36	5180	18.33	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	95.88
		40	5200	18.25	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ax-HE40 MCS0	44	5220	18.25	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	92.04
		48	5240	18.25	19.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	
	802.11ax-HE60 MCS0	48	5240	17.30	18.50	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	86.09
		42	5210	14.72	16.00	14.50	14.50	10.00	19.00	19.00	19.00	15.00	15.00	14.00	14.00	

<5.2GHz WLAN>

		Default Power			Head Standalone		Head&Body worn Simultaneous		Body worn Standalone		Extremity Standalone		Extremity Simultaneous			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	100	5500	17.89	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	96.96
		116	5580	17.87	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		124	5620	17.83	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		132	5660	17.84	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
	802.11n-HT20 MCS0	140	5700	17.86	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	96.95
		144	5720	17.85	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		150	5500	17.57	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		802.11n-HT40 MCS0	156	5630	17.16	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00
	134		5670	17.09	19.00	15.00	15.00	12.00	15.00	17.06	19.00	15.00	14.00	14.00	14.00	
	142		5710	16.95	19.00	15.00	15.00	12.00	15.00	17.05	19.00	15.00	14.00	14.00	14.00	
	802.11n-VHT20 MCS0		120	5530	17.47	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00
		116	5580	18.01	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		124	5620	17.84	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		802.11n-VHT40 MCS0	132	5660	17.88	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00
	140		5700	18.05	17.50	15.00	15.00	12.00	15.00	17.50	15.00	15.00	12.00	14.00	14.00	
	144		5720	17.89	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
	802.11n-VHT80 MCS0		152	5510	18.14	17.50	15.00	15.00	12.00	15.00	15.00	17.50	15.00	14.00	14.00	14.00
		110	5650	17.07	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		120	5630	17.21	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	
		802.11ac-HE20 MCS0	134	5670	17.11	18.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00
	142		5710	17.13	19.00	14.00	14.00	10.18	14.58	15.00	15.00	12.10	14.00	14.00	14.00	
	108		5530	14.70	19.50	14.00	14.00	10.22	14.67	15.00	15.00	12.10	14.00	14.00	14.00	
	802.11ac-HE40 MCS0		122	5610	18.14	18.00	14.21	14.00	10.22	14.22	14.67	15.00	15.00	12.10	14.00	14.00
		130	5650	17.65	19.50	14.00	14.00	10.28	14.55	15.00	15.00	12.00	14.00	14.00	14.00	
100		5500	17.65	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
802.11ac-HE80 MCS0		116	5580	18.12	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	86.96
	124	5620	18.02	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
	132	5660	17.92	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
	802.11ax-HE0 MCS0	140	5700	16.12	17.50	15.00	15.00	12.00	15.00	15.00	17.50	15.00	14.00	14.00	14.00	92.04
144		5720	17.87	19.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
150		5500	16.34	18.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
802.11ax-HE10 MCS0		156	5630	17.27	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	92.04
	136	5670	17.30	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
	142	5710	17.10	19.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
	802.11ax-HE30 MCS0	108	5530	14.80	16.50	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00	86.96
122		5610	16.22	18.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		
130		5650	16.12	18.00	15.00	15.00	12.00	15.00	15.00	15.00	12.00	14.00	14.00	14.00		

BT 2.0 Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			Head		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	16.05	14.12	13.82	12.01	10.46	10.32
	CH 39	2441	15.12	13.25	12.86	11.60	9.53	9.32
	CH 76	2480	16.17	14.29	14.15	12.56	10.52	10.64
Tune-up Limit			17.00	15.50	15.00	13.50	11.50	11.50

BLE 1M Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.76
	CH 19	2440	6.62
	CH 39	2480	6.73
Tune-up Limit			8.00

BLE 2M Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.81
	CH 19	2440	6.69
	CH 39	2480	6.91
Tune-up Limit			8.00