

Appendix D. Output Power Measurement

< WCDMA Conducted Power >

General Note:

1. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
2. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA is $\leq \frac{1}{4}$ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA) are less than $\frac{1}{4}$ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA.

< LTE Conducted Power >

General Note:

1. A Base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05v02r05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is $>$ not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
8. For LTE B4/B5/B12/B17/B26/B38/B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
9. LTE band 2/4/5/17/38 SAR test was covered by Band 25/66/26/12/41; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if
 - a. the maximum output power, including tolerance, for the smaller band is $\leq$ the larger band to qualify for the SAR test exclusion
 - b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band

< TDD LTE SAR Measurement >

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

- 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
- “special subframe S” contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS
- Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Base station simulator was used for LTE output power measurements and SAR testing.

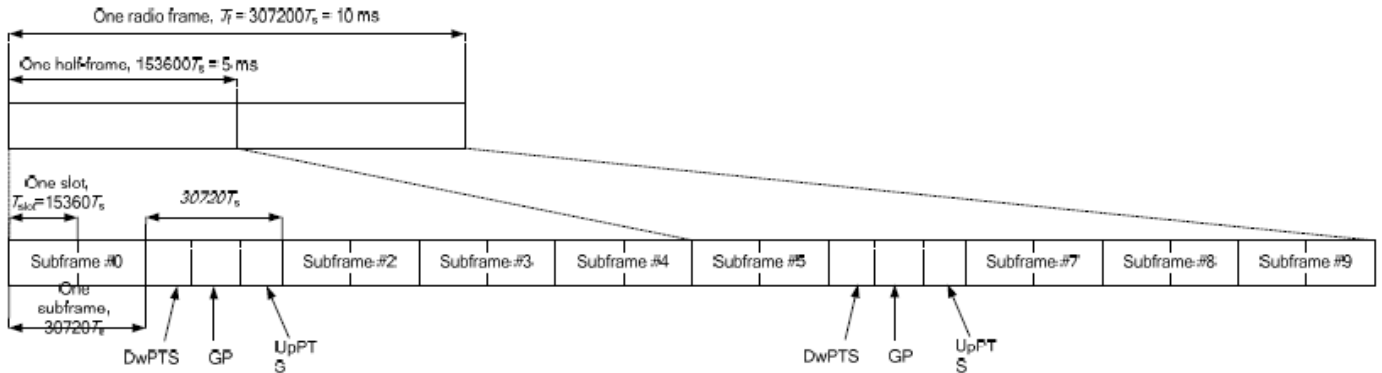


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

Table 4.2-2: Uplink-downlink configurations.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	D	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	D	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$	$7680 \cdot T_s$	$2192 \cdot T_s$	$2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$	-	-
8	$24144 \cdot T_s$			-		
9	$13168 \cdot T_s$			-	-	-

Special subframe (30720·T _s): Normal cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
Uplink duty factor in one special subframe	0~4	7.13%	8.33%
	5~9	14.3%	16.7%

Special subframe(30720·T _s): Extended cyclic prefix in downlink (UpPTS)			
	Special subframe configuration	Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
Uplink duty factor in one special subframe	0~3	7.13%	8.33%
	4~7	14.3%	16.7%

The highest duty factor is resulted from:

- i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subframes, uplink operation is in 3 uplink subframes and 1 special subframe.
- ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
- iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.167)/5 = 63.3\%$
- iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: $(3+0.143)/5 = 62.9\%$
- v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix $63.3\%/62.9\% = 1.006$ is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.
- vi. The device supports Power Class 3 uplink-downlink configurations 0 and 6, and Power Class 2 uplink-downlink configurations 1 to 5 operations for LTE Band 41.
- vii. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1, for Power Class 3 operation is 63.3% using UL-DL configuration 0. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR among all exposure condition.

< 5G NR Conducted Power >

General Note:

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
 - a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
 - b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is ≤ 1.45 W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
 - c. To start SAR test for the largest channel bandwidth for Pi/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for Pi/2 BPSK SAR testing using 1RB Pi/2 BPSK allocation procedure
 - d. For Pi/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
 - e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in Pi/2 BPSK, also reported SAR for the Pi/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
 - f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. And only for TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.

< 3GPP 38.101 MPR for EN-DC >

Table 6.2.2-1 Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		$\leq 0.5^2$	$\leq 0.5^2$	0 ²
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
CP-OFDM	256 QAM	≤ 4.5		
	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability *powerBoosting-pi2BPSK* and if the IE *powerBoostPi2BPSK* is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm.

NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE *powerBoostPi2BPSK* is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.

Table 6.2.2-2 Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

<WCDMA II_Ant 5_Laptop>

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	22.52	22.59	22.53	24.00
3GPP Rel 6	HSDPA Subtest-1	22.24	22.46	22.30	23.00
	HSDPA Subtest-2	22.32	22.45	22.28	23.00
	HSDPA Subtest-3	21.79	21.95	21.78	22.50
	HSDPA Subtest-4	21.84	22.01	21.85	22.50
	HSUPA Subtest-1	22.30	22.44	22.31	23.00
	HSUPA Subtest-2	20.33	20.46	20.30	21.00
	HSUPA Subtest-3	21.39	21.50	21.34	22.00
	HSUPA Subtest-4	20.38	20.51	20.41	21.00
	HSUPA Subtest-5	22.24	22.40	22.19	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.91	20.01	19.82	20.50

<WCDMA IV_Ant 5_Laptop>

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	22.15	22.22	22.13	24.00
3GPP Rel 6	HSDPA Subtest-1	21.08	21.25	21.09	23.00
	HSDPA Subtest-2	21.21	21.31	21.13	23.00
	HSDPA Subtest-3	20.62	20.79	20.59	22.50
	HSDPA Subtest-4	20.74	20.82	20.69	22.50
	HSUPA Subtest-1	21.05	21.23	21.02	23.00
	HSUPA Subtest-2	19.20	19.38	19.17	21.00
	HSUPA Subtest-3	20.26	20.35	20.20	22.00
	HSUPA Subtest-4	19.27	19.41	19.19	21.00
	HSUPA Subtest-5	21.15	21.25	21.04	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.74	18.81	18.61	20.50

<WCDMA V_Ant 5_Laptop>

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.68	23.76	23.70	25.00
3GPP Rel 6	HSDPA Subtest-1	22.58	22.80	22.73	24.00
	HSDPA Subtest-2	22.51	22.72	22.58	24.00
	HSDPA Subtest-3	22.17	22.35	22.27	23.50
	HSDPA Subtest-4	22.29	22.43	22.23	23.50
	HSUPA Subtest-1	22.55	22.75	22.58	24.00
	HSUPA Subtest-2	20.54	20.71	20.62	22.00
	HSUPA Subtest-3	21.64	21.78	21.59	23.00
	HSUPA Subtest-4	20.53	20.69	20.52	22.00
	HSUPA Subtest-5	22.59	22.69	22.53	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.31	20.24	21.50

<WCDMA II_Ant 5_Tablet>

TX Channel		9262	9400	9538	Tune-up Limit (dBm)
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	RMC 12.2Kbps	15.55	15.58	15.51	17.00
3GPP Rel 6	HSDPA Subtest-1	15.24	15.48	15.29	16.00
	HSDPA Subtest-2	15.35	15.47	15.24	16.00
	HSDPA Subtest-3	14.75	15.00	14.78	15.50
	HSDPA Subtest-4	14.81	15.01	14.85	15.50
	HSUPA Subtest-1	15.35	15.42	15.29	16.00
	HSUPA Subtest-2	13.37	13.42	13.27	14.00
	HSUPA Subtest-3	14.40	14.54	14.35	15.00
	HSUPA Subtest-4	13.41	13.48	13.37	14.00
	HSUPA Subtest-5	15.26	15.37	15.23	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.89	13.06	12.79	13.50

<WCDMA IV_Ant 5_Tablet>

TX Channel		1312	1413	1513	Tune-up Limit (dBm)
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	15.12	15.25	15.18	17.00
3GPP Rel 6	HSDPA Subtest-1	14.07	14.22	14.04	16.00
	HSDPA Subtest-2	14.18	14.28	14.10	16.00
	HSDPA Subtest-3	13.57	13.79	13.55	15.50
	HSDPA Subtest-4	13.78	13.83	13.73	15.50
	HSUPA Subtest-1	14.10	14.26	14.21	16.00
	HSUPA Subtest-2	12.26	12.43	12.19	14.00
	HSUPA Subtest-3	13.31	13.39	13.24	15.00
	HSUPA Subtest-4	12.25	12.38	12.16	14.00
	HSUPA Subtest-5	14.11	14.25	14.01	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.79	11.82	11.56	13.50

<WCDMA V_Ant 5_Tablet>

TX Channel		4132	4182	4233	Tune-up Limit (dBm)
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	18.65	18.79	18.70	20.00
3GPP Rel 6	HSDPA Subtest-1	17.57	17.76	17.71	19.00
	HSDPA Subtest-2	17.49	17.72	17.57	19.00
	HSDPA Subtest-3	17.18	17.32	17.33	18.50
	HSDPA Subtest-4	17.29	17.47	17.23	18.50
	HSUPA Subtest-1	17.59	17.74	17.55	19.00
	HSUPA Subtest-2	15.52	15.73	15.57	17.00
	HSUPA Subtest-3	16.69	16.83	16.59	18.00
	HSUPA Subtest-4	15.55	15.75	15.55	17.00
	HSUPA Subtest-5	17.60	17.73	17.59	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.14	15.36	15.20	16.50

<LTE Band 7_Ant 5_ENDC>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	15.27	15.32	15.29	17.00
20		1	49	15.09	15.25	15.08	17.00
20		1	99	15.14	15.23	15.16	17.00
20		50	0	15.21	15.31	15.22	17.00
20		50	24	15.13	15.28	15.21	17.00
20		50	50	15.04	15.22	15.12	17.00
20		100	0	15.00	15.14	15.07	17.00
20	16QAM	1	0	15.05	15.17	15.04	17.00
20		1	49	15.21	15.29	15.18	17.00
20		1	99	15.11	15.22	15.16	17.00
20		50	0	15.07	15.18	15.08	17.00
20		50	24	15.05	15.14	15.06	17.00
20		50	50	15.00	15.16	15.08	17.00
20		100	0	15.17	15.23	15.11	17.00
20	64QAM	1	0	15.01	15.15	15.05	17.00
20		1	49	15.08	15.18	15.00	17.00
20		1	99	15.17	15.24	15.13	17.00
20		50	0	15.03	15.14	15.00	17.00
20		50	24	15.00	15.10	15.01	17.00
20		50	50	15.03	15.16	15.00	17.00
20		100	0	15.10	15.19	15.12	17.00
20	256QAM	1	0	15.01	15.10	15.00	17.00
20		1	49	15.06	15.17	15.01	17.00
20		1	99	15.00	15.14	15.02	17.00
20		50	0	15.11	15.26	15.14	17.00
20		50	24	15.01	15.10	15.00	17.00
20		50	50	15.01	15.14	15.08	17.00
20		100	0	15.02	15.05	15.01	17.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.14	15.29	15.28	17.00
15		1	37	15.01	15.18	15.03	17.00
15		1	74	15.09	15.09	15.09	17.00
15		36	0	15.04	15.13	15.00	17.00
15		36	20	15.03	15.14	15.07	17.00
15		36	39	15.00	15.16	15.02	17.00
15		75	0	15.00	15.03	15.00	17.00
15	16QAM	1	0	15.01	15.07	15.00	17.00
15		1	37	15.08	15.24	15.08	17.00
15		1	74	15.01	15.13	15.11	17.00
15		36	0	15.01	15.05	15.01	17.00
15		36	20	15.01	15.07	15.00	17.00
15		36	39	15.01	15.04	15.06	17.00
15		75	0	15.07	15.13	15.08	17.00
15	64QAM	1	0	15.00	15.04	15.01	17.00
15		1	37	15.04	15.13	15.01	17.00
15		1	74	15.02	15.14	15.03	17.00
15		36	0	15.01	15.10	15.00	17.00
15		36	20	15.00	15.02	15.00	17.00
15		36	39	15.01	15.02	15.00	17.00
15		75	0	15.01	15.08	15.03	17.00
15	256QAM	1	0	15.00	15.09	15.01	17.00
15		1	37	15.02	15.02	15.01	17.00
15		1	74	15.02	15.02	15.00	17.00
15		36	0	15.02	15.23	15.00	17.00
15		36	20	15.01	15.06	15.00	17.00
15		36	39	15.01	15.04	15.04	17.00
15		75	0	15.01	15.01	15.02	17.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10		1	0	15.13	15.18	15.26	17.00

10	QPSK	1	25	15.00	15.20	15.01	17.00	
10		1	49	15.12	15.18	15.11	17.00	
10		25	0	15.08	15.11	15.06	17.00	
10		25	12	15.01	15.25	15.13	17.00	
10		25	25	15.00	15.21	15.01	17.00	
10		50	0	15.00	15.11	15.00	17.00	
10	16QAM	1	0	15.02	15.15	15.00	17.00	
10		1	25	15.14	15.23	15.16	17.00	
10		1	49	15.01	15.08	15.02	17.00	
10		25	0	15.02	15.16	15.03	17.00	
10		25	12	15.00	15.09	15.01	17.00	
10		25	25	15.01	15.04	15.01	17.00	
10	64QAM	50	0	15.08	15.21	15.01	17.00	
10		1	0	15.00	15.08	15.02	17.00	
10		1	25	15.00	15.06	15.01	17.00	
10		1	49	15.08	15.20	15.11	17.00	
10		25	0	15.01	15.07	15.00	17.00	
10		25	12	15.02	15.08	15.00	17.00	
10	256QAM	25	25	15.00	15.09	15.00	17.00	
10		50	0	15.01	15.16	15.06	17.00	
10		1	0	15.00	15.06	15.02	17.00	
10		1	25	15.02	15.09	15.01	17.00	
10		1	49	15.01	15.07	15.00	17.00	
10		25	0	15.04	15.25	15.01	17.00	
10		25	12	15.01	15.06	15.00	17.00	
10		25	25	15.00	15.12	15.02	17.00	
10		50	0	15.00	15.00	15.01	17.00	
Channel				20775	21100	21425	Tune-up Limit (dBm)	
Frequency (MHz)				2502.5	2535	2567.5		
5		QPSK	1	0	15.20	15.26	15.24	17.00
5	1		12	15.04	15.10	15.05	17.00	
5	1		24	15.12	15.10	15.09	17.00	
5	12		0	15.03	15.17	15.05	17.00	
5	12		7	15.10	15.26	15.09	17.00	
5	12		13	15.00	15.18	15.04	17.00	
5	16QAM	25	0	15.01	15.07	15.01	17.00	
5		1	0	15.00	15.05	15.01	17.00	
5		1	12	15.12	15.27	15.10	17.00	
5		1	24	15.10	15.10	15.06	17.00	
5		12	0	15.00	15.06	15.05	17.00	
5		12	7	15.00	15.13	15.04	17.00	
5	64QAM	12	13	15.02	15.07	15.02	17.00	
5		25	0	15.16	15.14	15.03	17.00	
5		1	0	15.01	15.10	15.00	17.00	
5		1	12	15.00	15.06	15.01	17.00	
5		1	24	15.11	15.19	15.04	17.00	
5		12	0	15.00	15.13	15.00	17.00	
5	256QAM	12	7	15.00	15.02	15.00	17.00	
5		12	13	15.02	15.02	15.00	17.00	
5		25	0	15.09	15.09	15.01	17.00	
5		1	0	15.00	15.06	15.01	17.00	
5		1	12	15.00	15.15	15.01	17.00	
5		1	24	15.00	15.00	15.01	17.00	
5		12	0	15.07	15.11	15.12	17.00	
5		12	7	15.01	15.04	15.00	17.00	
5		12	13	15.01	15.10	15.03	17.00	
5		25	0	15.01	15.01	15.00	17.00	

<LTE Band 2_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.23	23.30	23.28	24.00
20		1	49	22.98	23.08	22.93	24.00
20		1	99	23.06	23.26	23.22	24.00
20		50	0	22.23	22.39	22.21	23.00
20		50	24	22.20	22.36	22.18	23.00
20		50	50	22.24	22.35	22.19	23.00
20		100	0	22.12	22.31	22.20	23.00
20	16QAM	1	0	22.32	22.44	22.32	23.00
20		1	49	22.22	22.41	22.38	23.00
20		1	99	22.22	22.36	22.27	23.00
20		50	0	21.10	21.28	21.16	22.00
20		50	24	21.13	21.26	21.11	22.00
20		50	50	21.10	21.25	21.08	22.00
20		100	0	21.01	21.15	21.08	22.00
20	64QAM	1	0	21.12	21.31	21.17	22.00
20		1	49	21.18	21.27	21.18	22.00
20		1	99	21.06	21.23	21.08	22.00
20		50	0	20.03	20.17	20.11	21.00
20		50	24	20.08	20.15	20.09	21.00
20		50	50	20.04	20.16	20.12	21.00
20		100	0	20.00	20.18	20.07	21.00
20	256QAM	1	0	18.24	18.41	18.35	19.00
20		1	49	18.19	18.31	18.25	19.00
20		1	99	18.27	18.36	18.24	19.00
20		50	0	18.21	18.33	18.26	19.00
20		50	24	18.10	18.30	18.21	19.00
20		50	50	18.18	18.31	18.28	19.00
20		100	0	18.28	18.35	18.19	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.12	23.22	23.13	24.00
15		1	37	22.91	23.04	22.91	24.00
15		1	74	23.03	23.12	23.18	24.00
15		36	0	22.13	22.33	22.14	23.00
15		36	20	22.13	22.25	22.12	23.00
15		36	39	22.14	22.26	22.09	23.00
15		75	0	21.99	22.27	22.06	23.00
15	16QAM	1	0	22.30	22.40	22.29	23.00
15		1	37	22.14	22.34	22.35	23.00
15		1	74	22.13	22.24	22.13	23.00
15		36	0	21.02	21.24	21.07	22.00
15		36	20	21.00	21.21	21.04	22.00
15		36	39	21.05	21.16	20.94	22.00
15		75	0	20.94	21.13	20.97	22.00
15	64QAM	1	0	20.98	21.21	21.07	22.00
15		1	37	21.05	21.22	21.08	22.00
15		1	74	21.05	21.14	20.98	22.00
15		36	0	19.89	20.03	20.08	21.00
15		36	20	19.95	20.02	19.97	21.00
15		36	39	19.97	20.06	20.05	21.00
15		75	0	19.95	20.14	19.99	21.00
15	256QAM	1	0	18.13	18.39	18.21	19.00
15		1	37	18.13	18.28	18.18	19.00
15		1	74	18.13	18.25	18.16	19.00
15		36	0	18.17	18.27	18.17	19.00
15		36	20	18.03	18.24	18.07	19.00
15		36	39	18.08	18.28	18.14	19.00
15		75	0	18.19	18.25	18.11	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	23.18	23.24	23.21	24.00
10		1	25	22.94	23.00	22.84	24.00

10	QPSK	1	49	23.00	23.24	23.11	24.00	
10		25	0	22.19	22.26	22.20	23.00	
10		25	12	22.10	22.30	22.06	23.00	
10		25	25	22.21	22.20	22.15	23.00	
10		50	0	22.01	22.29	22.08	23.00	
10	16QAM	1	0	22.29	22.37	22.17	23.00	
10		1	25	22.11	22.28	22.28	23.00	
10		1	49	22.19	22.31	22.15	23.00	
10		25	0	20.98	21.14	21.02	22.00	
10		25	12	21.02	21.24	21.03	22.00	
10		25	25	20.99	21.19	21.07	22.00	
10		50	0	20.93	21.14	20.96	22.00	
10	64QAM	1	0	20.98	21.17	21.10	22.00	
10		1	25	21.14	21.12	21.06	22.00	
10		1	49	20.98	21.09	20.94	22.00	
10		25	0	19.98	20.07	19.97	21.00	
10		25	12	20.07	20.05	19.97	21.00	
10		25	25	19.91	20.10	19.99	21.00	
10		50	0	19.98	20.05	19.92	21.00	
10	256QAM	1	0	18.16	18.34	18.29	19.00	
10		1	25	18.16	18.28	18.18	19.00	
10		1	49	18.14	18.21	18.21	19.00	
10		25	0	18.08	18.26	18.21	19.00	
10		25	12	17.99	18.18	18.10	19.00	
10		25	25	18.13	18.30	18.14	19.00	
10		50	0	18.21	18.23	18.14	19.00	
Channel				18625	18900	19175	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.19	23.25	23.15	24.00	
5		1	12	22.96	22.98	22.90	24.00	
5		1	24	23.03	23.20	23.15	24.00	
5		12	0	22.22	22.38	22.13	23.00	
5		12	7	22.08	22.29	22.11	23.00	
5		12	13	22.09	22.29	22.09	23.00	
5	16QAM	25	0	22.05	22.29	22.11	23.00	
5		1	0	22.24	22.42	22.24	23.00	
5		1	12	22.20	22.28	22.32	23.00	
5		1	24	22.09	22.25	22.17	23.00	
5		12	0	21.00	21.14	21.03	22.00	
5		12	7	21.03	21.17	21.05	22.00	
5		12	13	21.08	21.13	21.03	22.00	
5	64QAM	25	0	20.97	21.05	20.95	22.00	
5		1	0	21.02	21.18	21.11	22.00	
5		1	12	21.14	21.16	21.14	22.00	
5		1	24	21.05	21.08	21.02	22.00	
5		12	0	19.91	20.09	20.01	21.00	
5		12	7	19.95	20.01	19.96	21.00	
5		12	13	19.89	20.07	20.01	21.00	
5		25	0	19.92	20.08	20.03	21.00	
5		256QAM	1	0	18.13	18.28	18.21	19.00
5			1	12	18.18	18.21	18.12	19.00
5			1	24	18.17	18.29	18.15	19.00
5			12	0	18.16	18.24	18.14	19.00
5			12	7	17.97	18.26	18.11	19.00
5			12	13	18.04	18.21	18.21	19.00
5	25		0	18.13	18.26	18.08	19.00	
Channel				18615	18900	19185	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.20	23.26	23.17	24.00	
3		1	8	22.87	23.07	22.92	24.00	
3		1	14	22.95	23.15	23.21	24.00	
3		8	0	22.10	22.26	22.17	23.00	
3		8	4	22.10	22.24	22.08	23.00	
3		8	7	22.21	22.20	22.07	23.00	
3		15	0	22.03	22.22	22.08	23.00	
3		1	0	22.30	22.38	22.23	23.00	
3		1	8	22.11	22.37	22.31	23.00	

3	16QAM	1	14	22.15	22.23	22.14	23.00
3		8	0	21.02	21.16	21.04	22.00
3		8	4	21.07	21.16	21.06	22.00
3		8	7	20.95	21.17	21.04	22.00
3		15	0	20.89	21.00	20.96	22.00
3	64QAM	1	0	21.04	21.20	21.15	22.00
3		1	8	21.05	21.23	21.03	22.00
3		1	14	20.96	21.11	20.99	22.00
3		8	0	19.97	20.03	19.96	21.00
3		8	4	20.01	20.02	19.94	21.00
3		8	7	19.96	20.01	19.99	21.00
3		15	0	19.95	20.15	19.97	21.00
3	256QAM	1	0	18.15	18.32	18.26	19.00
3		1	8	18.07	18.25	18.11	19.00
3		1	14	18.17	18.29	18.19	19.00
3		8	0	18.08	18.29	18.22	19.00
3		8	4	18.08	18.19	18.15	19.00
3		8	7	18.12	18.25	18.17	19.00
3		15	0	18.26	18.22	18.18	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.18	23.20	23.16	24.00
1.4		1	3	22.97	23.06	22.91	24.00
1.4		1	5	22.98	23.16	23.15	24.00
1.4		3	0	23.12	23.29	23.18	24.00
1.4		3	1	23.16	23.30	23.09	24.00
1.4		3	3	23.13	23.25	23.17	24.00
1.4		6	0	22.06	22.24	22.11	23.00
1.4	16QAM	1	0	22.27	22.31	22.22	23.00
1.4		1	3	22.14	22.33	22.37	23.00
1.4		1	5	22.15	22.35	22.24	23.00
1.4		3	0	21.98	22.21	22.03	23.00
1.4		3	1	22.10	22.24	21.98	23.00
1.4		3	3	22.07	22.18	22.00	23.00
1.4		6	0	20.90	21.12	21.05	22.00
1.4	64QAM	1	0	21.03	21.22	21.11	22.00
1.4		1	3	21.10	21.13	21.14	22.00
1.4		1	5	20.91	21.11	20.96	22.00
1.4		3	0	21.01	21.14	20.99	22.00
1.4		3	1	21.04	21.02	21.01	22.00
1.4		3	3	20.95	21.10	21.08	22.00
1.4		6	0	19.95	20.14	20.03	21.00
1.4	256QAM	1	0	18.16	18.30	18.23	19.00
1.4		1	3	18.15	18.23	18.20	19.00
1.4		1	5	18.23	18.23	18.12	19.00
1.4		3	0	18.09	18.22	18.24	19.00
1.4		3	1	18.06	18.20	18.19	19.00
1.4		3	3	18.04	18.22	18.21	19.00
1.4		6	0	18.14	18.23	18.12	19.00

<LTE Band 4_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.03	23.14	23.11	24.00
20		1	49	22.94	23.11	23.04	24.00
20		1	99	22.90	23.08	23.04	24.00
20		50	0	22.20	22.32	22.23	23.00
20		50	24	22.08	22.30	22.15	23.00
20		50	50	22.01	22.26	22.20	23.00
20		100	0	22.12	22.29	22.24	23.00
20	16QAM	1	0	22.10	22.30	22.20	23.00
20		1	49	22.05	22.20	22.10	23.00
20		1	99	22.07	22.25	22.16	23.00
20		50	0	21.05	21.25	21.09	22.00
20		50	24	21.02	21.20	21.08	22.00
20		50	50	20.95	21.19	21.07	22.00
20		100	0	21.04	21.25	21.10	22.00
20	64QAM	1	0	21.00	21.19	21.04	22.00
20		1	49	20.99	21.16	21.12	22.00
20		1	99	21.00	21.17	21.11	22.00
20		50	0	20.04	20.28	20.12	21.00
20		50	24	20.02	20.25	20.10	21.00
20		50	50	20.06	20.19	20.04	21.00
20		100	0	19.99	20.23	20.10	21.00
20	256QAM	1	0	18.16	18.31	18.23	19.00
20		1	49	18.09	18.30	18.13	19.00
20		1	99	18.06	18.29	18.13	19.00
20		50	0	18.25	18.36	18.23	19.00
20		50	24	18.10	18.33	18.25	19.00
20		50	50	18.13	18.31	18.23	19.00
20		100	0	18.22	18.36	18.32	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.93	23.04	22.99	24.00
15		1	37	22.82	23.09	22.95	24.00
15		1	74	22.78	22.97	22.91	24.00
15		36	0	22.14	22.19	22.17	23.00
15		36	20	21.96	22.17	22.09	23.00
15		36	39	21.88	22.13	22.18	23.00
15		75	0	22.06	22.25	22.20	23.00
15	16QAM	1	0	21.98	22.26	22.18	23.00
15		1	37	21.90	22.09	22.01	23.00
15		1	74	22.01	22.14	22.08	23.00
15		36	0	21.03	21.13	21.02	22.00
15		36	20	20.91	21.13	20.98	22.00
15		36	39	20.84	21.07	20.99	22.00
15		75	0	20.92	21.23	21.07	22.00
15	64QAM	1	0	20.93	21.13	20.90	22.00
15		1	37	20.88	21.05	21.08	22.00
15		1	74	20.93	21.13	21.00	22.00
15		36	0	19.98	20.26	20.01	21.00
15		36	20	19.88	20.11	20.02	21.00
15		36	39	19.92	20.15	19.92	21.00
15		75	0	19.97	20.18	20.01	21.00
15	256QAM	1	0	18.02	18.30	18.11	19.00
15		1	37	17.98	18.17	17.99	19.00
15		1	74	18.02	18.14	17.98	19.00
15		36	0	18.13	18.33	18.19	19.00
15		36	20	18.04	18.28	18.15	19.00
15		36	39	17.99	18.26	18.22	19.00
15		75	0	18.13	18.27	18.30	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10		1	0	22.99	22.99	23.00	24.00
10		1	25	22.89	23.00	22.94	24.00

10	QPSK	1	49	22.85	23.06	22.95	24.00	
10		25	0	22.18	22.31	22.15	23.00	
10		25	12	21.95	22.25	22.06	23.00	
10		25	25	21.86	22.15	22.17	23.00	
10		50	0	22.06	22.20	22.19	23.00	
10	16QAM	1	0	22.09	22.22	22.08	23.00	
10		1	25	21.91	22.10	22.04	23.00	
10		1	49	22.01	22.14	22.12	23.00	
10		25	0	20.97	21.24	21.05	22.00	
10		25	12	20.95	21.15	20.99	22.00	
10		25	25	20.86	21.15	20.97	22.00	
10		50	0	20.97	21.22	20.97	22.00	
10	64QAM	1	0	20.93	21.08	20.92	22.00	
10		1	25	20.90	21.09	21.05	22.00	
10		1	49	20.85	21.10	21.05	22.00	
10		25	0	19.91	20.20	20.07	21.00	
10		25	12	19.99	20.24	20.01	21.00	
10		25	25	19.99	20.13	20.01	21.00	
10		50	0	19.91	20.14	20.02	21.00	
10	256QAM	1	0	18.04	18.26	18.10	19.00	
10		1	25	18.01	18.16	18.02	19.00	
10		1	49	17.94	18.18	18.00	19.00	
10		25	0	18.10	18.25	18.13	19.00	
10		25	12	17.97	18.18	18.11	19.00	
10		25	25	18.08	18.22	18.09	19.00	
10		50	0	18.18	18.26	18.31	19.00	
Channel				19975	20175	20375	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.88	23.11	23.02	24.00	
5		1	12	22.81	23.07	22.93	24.00	
5		1	24	22.88	22.99	22.92	24.00	
5		12	0	22.18	22.25	22.10	23.00	
5		12	7	22.06	22.22	22.11	23.00	
5		12	13	21.92	22.16	22.06	23.00	
5	16QAM	25	0	22.09	22.26	22.23	23.00	
5		1	0	21.97	22.21	22.11	23.00	
5		1	12	21.93	22.18	22.00	23.00	
5		1	24	22.05	22.13	22.08	23.00	
5		12	0	20.98	21.13	21.05	22.00	
5		12	7	20.93	21.12	21.04	22.00	
5		12	13	20.84	21.16	20.93	22.00	
5	64QAM	25	0	20.98	21.20	21.07	22.00	
5		1	0	20.94	21.16	20.96	22.00	
5		1	12	20.96	21.13	21.02	22.00	
5		1	24	20.87	21.13	21.08	22.00	
5		12	0	19.94	20.20	20.01	21.00	
5		12	7	19.95	20.19	20.00	21.00	
5		12	13	20.00	20.16	20.00	21.00	
5		25	0	19.92	20.19	20.06	21.00	
5		256QAM	1	0	18.08	18.23	18.18	19.00
5			1	12	17.99	18.16	18.07	19.00
5	1		24	17.95	18.24	18.06	19.00	
5	12		0	18.15	18.35	18.08	19.00	
5	12		7	18.09	18.21	18.16	19.00	
5	12		13	18.12	18.25	18.19	19.00	
5	25		0	18.17	18.27	18.25	19.00	
Channel				19965	20175	20385	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.99	23.08	23.06	24.00	
3		1	8	22.90	23.00	22.95	24.00	
3		1	14	22.84	22.96	22.90	24.00	
3		8	0	22.07	22.19	22.19	23.00	
3		8	4	21.96	22.18	22.02	23.00	
3		8	7	21.87	22.14	22.13	23.00	
3		15	0	22.04	22.28	22.10	23.00	
3	QPSK	1	0	22.08	22.27	22.16	23.00	
3		1	8	21.99	22.09	22.03	23.00	

3	16QAM	1	14	21.94	22.22	22.08	23.00	
3		8	0	21.03	21.19	21.00	22.00	
3		8	4	20.92	21.05	20.97	22.00	
3		8	7	20.90	21.05	21.06	22.00	
3		15	0	21.00	21.19	20.97	22.00	
3	64QAM	1	0	20.89	21.12	20.91	22.00	
3		1	8	20.86	21.13	21.01	22.00	
3		1	14	20.97	21.10	21.08	22.00	
3		8	0	19.89	20.21	20.09	21.00	
3		8	4	19.94	20.17	20.05	21.00	
3		8	7	19.97	20.16	19.96	21.00	
3	256QAM	15	0	19.91	20.13	20.03	21.00	
3		1	0	18.14	18.23	18.21	19.00	
3		1	8	18.07	18.20	18.00	19.00	
3		1	14	17.92	18.19	18.02	19.00	
3		8	0	18.10	18.24	18.11	19.00	
3		8	4	18.00	18.20	18.15	19.00	
3		8	7	18.08	18.29	18.14	19.00	
3		15	0	18.20	18.22	18.30	19.00	
Channel				19957	20175	20393	Tune-up Limit (dBm)	
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.99	23.07	23.07	24.00	
1.4		1	3	22.91	23.02	22.93	24.00	
1.4		1	5	22.83	23.00	22.92	24.00	
1.4		3	0	23.02	23.13	23.11	24.00	
1.4		3	1	22.95	23.14	23.05	24.00	
1.4		3	3	22.93	23.13	23.11	24.00	
1.4		6	0	22.03	22.22	22.18	23.00	
1.4	16QAM	1	0	22.07	22.18	22.09	23.00	
1.4		1	3	22.00	22.18	22.04	23.00	
1.4		1	5	22.01	22.13	22.03	23.00	
1.4		3	0	22.00	22.14	21.96	23.00	
1.4		3	1	21.98	22.12	22.05	23.00	
1.4		3	3	21.87	22.08	21.99	23.00	
1.4		6	0	20.95	21.20	21.02	22.00	
1.4	64QAM	1	0	20.88	21.13	20.91	22.00	
1.4		1	3	20.85	21.12	21.02	22.00	
1.4		1	5	20.93	21.05	20.97	22.00	
1.4		3	0	20.94	21.15	21.10	22.00	
1.4		3	1	20.94	21.20	21.00	22.00	
1.4		3	3	21.05	21.11	21.02	22.00	
1.4		6	0	19.85	20.13	20.07	21.00	
1.4	256QAM	1	0	18.15	18.29	18.17	19.00	
1.4		1	3	18.02	18.25	18.02	19.00	
1.4		1	5	17.93	18.25	18.03	19.00	
1.4		3	0	18.11	18.22	18.19	19.00	
1.4		3	1	18.01	18.21	18.12	19.00	
1.4		3	3	18.01	18.20	18.12	19.00	
1.4		6	0	18.13	18.30	18.18	19.00	

<LTE Band 5_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.18	23.08	25.00	
10		1	25	23.03	23.05	23.00	25.00	
10		1	49	23.04	23.17	23.04	25.00	
10		25	0	22.21	22.23	22.19	24.00	
10		25	12	22.04	22.19	22.02	24.00	
10		25	25	22.12	22.21	22.03	24.00	
10	16QAM	50	0	22.18	22.26	22.11	24.00	
10		1	0	22.00	22.04	22.01	24.00	
10		1	25	22.01	22.11	22.05	24.00	
10		1	49	22.00	22.03	22.01	24.00	
10		25	0	21.08	21.23	21.14	23.00	
10		25	12	21.11	21.23	21.15	23.00	
10	64QAM	25	25	21.11	21.25	21.14	23.00	
10		50	0	21.10	21.25	21.08	23.00	
10		1	0	21.02	21.10	21.01	23.00	
10		1	25	21.00	21.05	21.01	23.00	
10		1	49	21.02	21.17	21.00	23.00	
10		25	0	20.05	20.16	20.11	22.00	
10	256QAM	25	12	20.12	20.21	20.09	22.00	
10		25	25	20.12	20.19	20.07	22.00	
10		50	0	20.02	20.20	20.10	22.00	
10		1	0	18.03	18.20	18.08	20.00	
10		1	25	18.21	18.29	18.24	20.00	
10		1	49	18.09	18.15	18.00	20.00	
10	256QAM	25	0	18.02	18.14	18.01	20.00	
10		25	12	18.02	18.08	18.01	20.00	
10		25	25	18.06	18.14	18.02	20.00	
10		50	0	18.01	18.08	18.00	20.00	
Channel				20425	20525	20625	Tune-up Limit (dBm)	
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.03	23.00	23.06	25.00	
5		1	12	23.01	23.01	23.00	25.00	
5		1	24	23.01	23.09	23.00	25.00	
5		12	0	22.01	22.14	22.01	24.00	
5		12	7	22.01	22.16	22.01	24.00	
5		12	13	22.10	22.07	22.02	24.00	
5	16QAM	25	0	22.05	22.23	22.01	24.00	
5		1	0	22.00	22.01	22.00	24.00	
5		1	12	22.01	22.08	22.02	24.00	
5		1	24	22.01	22.00	22.01	24.00	
5		12	0	21.03	21.12	21.12	23.00	
5		12	7	21.08	21.15	21.09	23.00	
5	64QAM	12	13	21.00	21.15	21.01	23.00	
5		25	0	21.00	21.16	21.02	23.00	
5		1	0	21.01	21.01	21.00	23.00	
5		1	12	21.00	21.00	21.01	23.00	
5		1	24	21.01	21.05	21.01	23.00	
5		12	0	20.04	20.07	20.06	22.00	
5	256QAM	12	7	20.00	20.08	20.04	22.00	
5		12	13	20.08	20.16	20.00	22.00	
5		25	0	20.01	20.10	20.03	22.00	
5		1	0	18.01	18.14	18.00	20.00	
5		1	12	18.19	18.16	18.10	20.00	
5		1	24	18.05	18.03	18.02	20.00	
5	256QAM	12	0	18.00	18.09	18.00	20.00	
5		12	7	18.00	18.03	18.00	20.00	
5		12	13	18.00	18.05	18.00	20.00	
5		25	0	18.01	18.01	18.02	20.00	
Channel				20415	20525	20635	Tune-up Limit (dBm)	
Frequency (MHz)				825.5	836.5	847.5		
3		1	0	23.00	23.10	23.00	25.00	
3		1	8	23.01	23.01	23.01	25.00	

3	QPSK	1	14	23.00	23.04	23.02	25.00	
3		8	0	22.06	22.09	22.00	24.00	
3		8	4	22.01	22.10	22.00	24.00	
3		8	7	22.04	22.16	22.01	24.00	
3		15	0	22.16	22.25	22.01	24.00	
3	16QAM	1	0	22.00	22.00	22.00	24.00	
3		1	8	22.00	22.08	22.01	24.00	
3		1	14	22.00	22.01	22.00	24.00	
3		8	0	21.02	21.19	21.11	23.00	
3		8	4	21.02	21.14	21.10	23.00	
3		8	7	21.00	21.19	21.02	23.00	
3	64QAM	15	0	21.07	21.13	21.00	23.00	
3		1	0	21.00	21.01	21.00	23.00	
3		1	8	21.00	21.00	21.00	23.00	
3		1	14	21.00	21.03	21.00	23.00	
3		8	0	20.00	20.05	20.04	22.00	
3		8	4	20.01	20.15	20.08	22.00	
3	256QAM	8	7	20.10	20.14	20.04	22.00	
3		15	0	20.01	20.17	20.00	22.00	
3		1	0	18.00	18.09	18.02	20.00	
3		1	8	18.09	18.20	18.19	20.00	
3		1	14	18.01	18.06	18.02	20.00	
3		8	0	18.00	18.02	18.00	20.00	
3	256QAM	8	4	18.01	18.00	18.01	20.00	
3		8	7	18.00	18.07	18.01	20.00	
3		15	0	18.02	18.00	18.02	20.00	
Channel				20407	20525	20643	Tune-up Limit (dBm)	
Frequency (MHz)				824.7	836.5	848.3		
1.4		QPSK	1	0	23.01	23.10	23.05	25.00
1.4	1		3	23.00	23.00	23.01	25.00	
1.4	1		5	23.01	23.10	23.02	25.00	
1.4	3		0	23.01	23.11	23.02	25.00	
1.4	3		1	23.00	23.10	23.00	25.00	
1.4	3		3	23.03	23.07	23.01	25.00	
1.4	16QAM	6	0	22.17	22.13	22.01	24.00	
1.4		1	0	22.00	22.01	22.01	24.00	
1.4		1	3	22.02	22.03	22.00	24.00	
1.4		1	5	22.00	22.01	22.00	24.00	
1.4		3	0	22.01	22.19	22.09	24.00	
1.4		3	1	22.04	22.15	22.11	24.00	
1.4	64QAM	3	3	22.03	22.14	22.09	24.00	
1.4		6	0	21.08	21.14	21.07	23.00	
1.4		1	0	21.00	21.05	21.00	23.00	
1.4		1	3	21.00	21.02	21.01	23.00	
1.4		1	5	21.02	21.11	21.01	23.00	
1.4		3	0	21.01	21.13	21.09	23.00	
1.4	256QAM	3	1	21.05	21.12	21.00	23.00	
1.4		3	3	21.02	21.12	21.00	23.00	
1.4		6	0	20.00	20.17	20.00	22.00	
1.4		1	0	18.00	18.13	18.05	20.00	
1.4		1	3	18.13	18.21	18.22	20.00	
1.4		1	5	18.04	18.02	18.02	20.00	
1.4	256QAM	3	0	18.00	18.04	18.01	20.00	
1.4		3	1	18.01	18.01	18.00	20.00	
1.4		3	3	18.02	18.06	18.00	20.00	
1.4		6	0	18.00	18.01	18.00	20.00	

<LTE Band 7_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.06	23.13	23.10	24.00
20		1	49	23.02	23.10	22.98	24.00
20		1	99	22.99	23.08	23.03	24.00
20		50	0	22.03	22.18	22.10	23.00
20		50	24	21.99	22.15	22.09	23.00
20		50	50	22.01	22.10	22.04	23.00
20		100	0	22.10	22.19	22.15	23.00
20	16QAM	1	0	22.00	22.13	21.99	23.00
20		1	49	21.97	22.09	21.93	23.00
20		1	99	22.04	22.16	22.05	23.00
20		50	0	20.96	21.09	20.95	22.00
20		50	24	21.00	21.08	20.92	22.00
20		50	50	20.96	21.11	21.00	22.00
20		100	0	20.96	21.16	21.06	22.00
20	64QAM	1	0	20.81	20.95	20.81	22.00
20		1	49	20.93	21.03	20.93	22.00
20		1	99	20.89	21.10	21.05	22.00
20		50	0	20.01	20.11	20.05	21.00
20		50	24	19.91	20.05	19.91	21.00
20		50	50	19.91	20.03	19.91	21.00
20		100	0	19.92	20.06	19.98	21.00
20	256QAM	1	0	17.97	18.10	17.98	19.00
20		1	49	17.84	18.03	17.95	19.00
20		1	99	17.82	18.01	17.95	19.00
20		50	0	17.89	18.02	17.94	19.00
20		50	24	17.80	17.96	17.80	19.00
20		50	50	17.84	17.99	17.87	19.00
20		100	0	17.92	18.02	17.91	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.05	23.10	23.05	24.00
15		1	37	22.94	22.98	22.91	24.00
15		1	74	22.85	22.99	22.91	24.00
15		36	0	21.88	22.05	21.88	23.00
15		36	20	21.91	22.05	21.96	23.00
15		36	39	21.95	22.08	22.01	23.00
15		75	0	22.04	22.06	22.09	23.00
15	16QAM	1	0	21.94	22.07	21.85	23.00
15		1	37	21.92	22.06	21.81	23.00
15		1	74	21.89	22.09	21.98	23.00
15		36	0	20.92	21.04	20.93	22.00
15		36	20	20.97	20.98	20.83	22.00
15		36	39	20.92	20.98	20.87	22.00
15		75	0	20.89	21.01	21.02	22.00
15	64QAM	1	0	20.73	20.91	20.79	22.00
15		1	37	20.89	20.89	20.80	22.00
15		1	74	20.87	20.97	20.97	22.00
15		36	0	19.87	19.99	19.90	21.00
15		36	20	19.82	19.92	19.89	21.00
15		36	39	19.80	20.01	19.79	21.00
15		75	0	19.85	19.97	19.93	21.00
15	256QAM	1	0	17.87	18.05	17.96	19.00
15		1	37	17.74	17.96	17.82	19.00
15		1	74	17.76	17.88	17.84	19.00
15		36	0	17.85	17.94	17.81	19.00
15		36	20	17.79	17.87	17.68	19.00
15		36	39	17.77	17.91	17.75	19.00
15		75	0	17.79	17.90	17.79	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10		1	0	23.03	22.98	22.96	24.00
10		1	25	22.88	23.07	22.83	24.00

10	QPSK	1	49	22.93	22.99	23.02	24.00
10		25	0	21.95	22.15	21.92	23.00
10		25	12	21.88	22.07	21.95	23.00
10		25	25	21.98	22.07	21.96	23.00
10		50	0	22.00	22.15	22.13	23.00
10	16QAM	1	0	21.90	22.04	21.95	23.00
10		1	25	21.87	21.97	21.90	23.00
10		1	49	21.91	22.07	22.00	23.00
10		25	0	20.91	21.05	20.89	22.00
10		25	12	20.91	21.05	20.77	22.00
10		25	25	20.88	21.01	20.95	22.00
10		50	0	20.92	21.15	20.97	22.00
10	64QAM	1	0	20.73	20.80	20.74	22.00
10		1	25	20.86	20.98	20.84	22.00
10		1	49	20.78	21.00	20.91	22.00
10		25	0	19.93	20.06	19.91	21.00
10		25	12	19.87	19.96	19.79	21.00
10		25	25	19.87	19.88	19.83	21.00
10		50	0	19.85	19.95	19.96	21.00
10	256QAM	1	0	17.93	17.98	17.90	19.00
10		1	25	17.78	17.89	17.89	19.00
10		1	49	17.69	17.97	17.83	19.00
10		25	0	17.88	17.88	17.84	19.00
10		25	12	17.70	17.87	17.79	19.00
10		25	25	17.79	17.94	17.76	19.00
10		50	0	17.87	17.94	17.83	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.03	23.03	23.08	24.00
5		1	12	22.89	23.00	22.94	24.00
5		1	24	22.88	23.05	22.95	24.00
5		12	0	21.87	22.17	21.97	23.00
5		12	7	21.90	22.09	22.05	23.00
5		12	13	21.91	22.05	21.94	23.00
5		25	0	22.07	22.06	22.04	23.00
5	16QAM	1	0	21.98	22.02	21.85	23.00
5		1	12	21.90	21.98	21.87	23.00
5		1	24	21.90	22.01	21.94	23.00
5		12	0	20.91	20.95	20.83	22.00
5		12	7	20.90	21.03	20.83	22.00
5		12	13	20.83	21.02	20.89	22.00
5		25	0	20.89	21.03	20.93	22.00
5	64QAM	1	0	20.71	20.84	20.71	22.00
5		1	12	20.84	20.95	20.83	22.00
5		1	24	20.81	21.02	20.96	22.00
5		12	0	19.90	20.02	20.00	21.00
5		12	7	19.81	19.91	19.77	21.00
5		12	13	19.77	19.90	19.82	21.00
5		25	0	19.90	20.03	19.94	21.00
5	256QAM	1	0	17.92	18.00	17.95	19.00
5		1	12	17.83	17.91	17.85	19.00
5		1	24	17.76	17.96	17.83	19.00
5		12	0	17.81	17.93	17.90	19.00
5		12	7	17.78	17.94	17.66	19.00
5		12	13	17.78	17.97	17.85	19.00
5		25	0	17.85	17.95	17.76	19.00

<LTE Band 12_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.71	23.72	23.65	25.00	
10		1	25	23.56	23.70	23.50	25.00	
10		1	49	23.55	23.66	23.51	25.00	
10		25	0	22.67	22.71	22.61	24.00	
10		25	12	22.62	22.65	22.54	24.00	
10		25	25	22.65	22.69	22.59	24.00	
10	16QAM	50	0	22.51	22.67	22.56	24.00	
10		1	0	22.35	22.46	22.32	24.00	
10		1	25	22.39	22.54	22.39	24.00	
10		1	49	22.49	22.58	22.45	24.00	
10		25	0	21.62	21.66	21.54	23.00	
10		25	12	21.66	21.73	21.61	23.00	
10	64QAM	25	25	21.70	21.77	21.59	23.00	
10		50	0	21.64	21.68	21.50	23.00	
10		1	0	21.44	21.52	21.31	23.00	
10		1	25	21.57	21.61	21.48	23.00	
10		1	49	21.44	21.55	21.44	23.00	
10		25	0	20.60	20.67	20.49	22.00	
10	256QAM	25	12	20.55	20.69	20.52	22.00	
10		25	25	20.63	20.73	20.59	22.00	
10		50	0	20.55	20.70	20.55	22.00	
10		1	0	18.88	18.95	18.88	20.00	
10		1	25	18.86	18.97	18.88	20.00	
10		1	49	18.86	18.91	18.75	20.00	
10	256QAM	25	0	18.64	18.78	18.64	20.00	
10		25	12	18.67	18.83	18.63	20.00	
10		25	25	18.73	18.81	18.67	20.00	
10		50	0	18.70	18.79	18.64	20.00	
Channel				23035	23095	23115	Tune-up Limit (dBm)	
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.66	23.68	23.59	25.00	
5		1	12	23.53	23.58	23.41	25.00	
5		1	24	23.45	23.64	23.46	25.00	
5		12	0	22.59	22.59	22.54	24.00	
5		12	7	22.52	22.53	22.43	24.00	
5		12	13	22.51	22.66	22.57	24.00	
5	16QAM	25	0	22.40	22.61	22.48	24.00	
5		1	0	22.22	22.32	22.27	24.00	
5		1	12	22.36	22.42	22.27	24.00	
5		1	24	22.47	22.46	22.33	24.00	
5		12	0	21.53	21.64	21.41	23.00	
5		12	7	21.58	21.64	21.47	23.00	
5	64QAM	12	13	21.60	21.73	21.54	23.00	
5		25	0	21.57	21.63	21.38	23.00	
5		1	0	21.36	21.46	21.22	23.00	
5		1	12	21.45	21.60	21.38	23.00	
5		1	24	21.30	21.40	21.40	23.00	
5		12	0	20.46	20.57	20.47	22.00	
5	256QAM	12	7	20.49	20.62	20.41	22.00	
5		12	13	20.58	20.72	20.57	22.00	
5		25	0	20.42	20.59	20.44	22.00	
5		1	0	18.84	18.83	18.80	20.00	
5		1	12	18.78	18.95	18.74	20.00	
5		1	24	18.71	18.80	18.61	20.00	
5	256QAM	12	0	18.53	18.75	18.51	20.00	
5		12	7	18.54	18.81	18.52	20.00	
5		12	13	18.62	18.75	18.55	20.00	
5		25	0	18.63	18.75	18.56	20.00	
Channel				23025	23095	23165	Tune-up Limit (dBm)	
Frequency (MHz)				700.5	707.5	714.5		
3		1	0	23.68	23.63	23.61	25.00	
3		1	8	23.44	23.57	23.46	25.00	

3	QPSK	1	14	23.45	23.57	23.40	25.00	
3		8	0	22.51	22.65	22.47	24.00	
3		8	4	22.51	22.55	22.41	24.00	
3		8	7	22.56	22.57	22.45	24.00	
3		15	0	22.44	22.52	22.53	24.00	
3	16QAM	1	0	22.30	22.40	22.26	24.00	
3		1	8	22.37	22.47	22.30	24.00	
3		1	14	22.38	22.54	22.30	24.00	
3		8	0	21.48	21.63	21.45	23.00	
3		8	4	21.61	21.59	21.50	23.00	
3		8	7	21.64	21.69	21.47	23.00	
3		15	0	21.55	21.65	21.48	23.00	
3		64QAM	1	0	21.42	21.50	21.19	23.00
3			1	8	21.48	21.56	21.45	23.00
3			1	14	21.33	21.45	21.32	23.00
3			8	0	20.47	20.54	20.46	22.00
3			8	4	20.51	20.67	20.43	22.00
3	8		7	20.61	20.60	20.57	22.00	
3		15	0	20.42	20.59	20.49	22.00	
3		256QAM	1	0	18.76	18.91	18.73	20.00
3			1	8	18.72	18.94	18.74	20.00
3			1	14	18.76	18.86	18.70	20.00
3			8	0	18.60	18.65	18.58	20.00
3			8	4	18.64	18.78	18.53	20.00
3	8		7	18.67	18.69	18.59	20.00	
3		15	0	18.57	18.72	18.51	20.00	
Channel				23017	23095	23173	Tune-up Limit (dBm)	
Frequency (MHz)				699.7	707.5	715.3		
1.4		QPSK	1	0	23.69	23.58	23.61	25.00
1.4			1	3	23.54	23.60	23.37	25.00
1.4			1	5	23.54	23.61	23.37	25.00
1.4	3		0	23.57	23.57	23.56	25.00	
1.4	3		1	23.55	23.57	23.48	25.00	
1.4	3		3	23.59	23.68	23.51	25.00	
1.4		6	0	22.36	22.58	22.52	24.00	
1.4		16QAM	1	0	22.24	22.42	22.22	24.00
1.4			1	3	22.27	22.44	22.28	24.00
1.4			1	5	22.43	22.55	22.38	24.00
1.4			3	0	22.60	22.59	22.43	24.00
1.4			3	1	22.63	22.67	22.48	24.00
1.4	3		3	22.57	22.63	22.55	24.00	
1.4		6	0	21.54	21.63	21.43	23.00	
1.4		64QAM	1	0	21.30	21.38	21.25	23.00
1.4			1	3	21.51	21.48	21.35	23.00
1.4			1	5	21.42	21.53	21.32	23.00
1.4			3	0	21.53	21.64	21.42	23.00
1.4			3	1	21.50	21.66	21.40	23.00
1.4	3		3	21.49	21.70	21.57	23.00	
1.4		6	0	20.44	20.59	20.50	22.00	
1.4		256QAM	1	0	18.83	18.94	18.87	20.00
1.4			1	3	18.82	18.94	18.74	20.00
1.4			1	5	18.84	18.79	18.61	20.00
1.4			3	0	18.60	18.68	18.49	20.00
1.4			3	1	18.63	18.70	18.49	20.00
1.4	3		3	18.62	18.67	18.56	20.00	
1.4		6	0	18.67	18.73	18.62	20.00	

<LTE Band 13_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					23230		Tune-up Limit (dBm)	
Frequency (MHz)					782			
10	QPSK	1	0		23.51		25.00	
10		1	25		23.32		25.00	
10		1	49		23.47		25.00	
10		25	0		22.69		24.00	
10		25	12		22.63		24.00	
10		25	25		22.65		24.00	
10	16QAM	50	0		22.58		24.00	
10		1	0		22.53		24.00	
10		1	25		22.61		24.00	
10		1	49		22.58		24.00	
10		25	0		21.65		23.00	
10		25	12		21.53		23.00	
10	64QAM	25	25		21.52		23.00	
10		50	0		21.58		23.00	
10		1	0		21.61		23.00	
10		1	25		21.45		23.00	
10		1	49		21.55		23.00	
10		25	0		20.44		22.00	
10	256QAM	25	12		20.58		22.00	
10		25	25		20.59		22.00	
10		50	0		20.67		22.00	
10		1	0		18.72		20.00	
10		1	25		18.61		20.00	
10		1	49		18.69		20.00	
10		25	0		18.60		20.00	
10		25	12		18.49		20.00	
10		25	25		18.51		20.00	
10		50	0		18.56		20.00	
Channel				23205	23230	23255	Tune-up Limit (dBm)	
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.31	23.41	23.35	25.00	
5		1	12	23.18	23.29	23.14	25.00	
5		1	24	23.20	23.32	23.24	25.00	
5		12	0	22.45	22.65	22.50	24.00	
5		12	7	22.41	22.63	22.44	24.00	
5		12	13	22.46	22.64	22.53	24.00	
5	16QAM	25	0	22.36	22.56	22.38	24.00	
5		1	0	22.24	22.40	22.33	24.00	
5		1	12	22.45	22.57	22.40	24.00	
5		1	24	22.35	22.52	22.37	24.00	
5		12	0	21.36	21.52	21.35	23.00	
5		12	7	21.30	21.45	21.25	23.00	
5	64QAM	12	13	21.34	21.47	21.32	23.00	
5		25	0	21.29	21.52	21.44	23.00	
5		1	0	21.24	21.42	21.35	23.00	
5		1	12	21.24	21.39	21.28	23.00	
5		1	24	21.29	21.41	21.21	23.00	
5		12	0	20.27	20.43	20.27	22.00	
5	256QAM	12	7	20.18	20.40	20.26	22.00	
5		12	13	20.22	20.39	20.20	22.00	
5		25	0	20.37	20.52	20.43	22.00	
5		1	0	18.46	18.67	18.55	20.00	
5		1	12	18.40	18.61	18.49	20.00	
5		1	24	18.59	18.71	18.52	20.00	
5		12	0	18.27	18.37	18.20	20.00	
5		12	7	18.33	18.50	18.34	20.00	
5		12	13	18.28	18.45	18.28	20.00	
5		25	0	18.33	18.45	18.29	20.00	

<LTE Band 14_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					23330		Tune-up Limit (dBm)	
Frequency (MHz)					793			
10	QPSK	1	0		23.71		25.00	
10		1	25		23.63		25.00	
10		1	49		23.60		25.00	
10		25	0		22.75		24.00	
10		25	12		22.73		24.00	
10		25	25		22.62		24.00	
10	16QAM	50	0		22.79		24.00	
10		1	0		22.68		24.00	
10		1	25		22.77		24.00	
10		1	49		22.73		24.00	
10		25	0		21.82		23.00	
10		25	12		21.80		23.00	
10	64QAM	25	25		21.73		23.00	
10		50	0		21.90		23.00	
10		1	0		21.78		23.00	
10		1	25		21.76		23.00	
10		1	49		21.83		23.00	
10		25	0		20.74		22.00	
10	256QAM	25	12		20.67		22.00	
10		25	25		20.75		22.00	
10		50	0		20.59		22.00	
10		1	0		18.56		20.00	
10		1	25		18.56		20.00	
10		1	49		18.49		20.00	
10	QPSK	25	0		18.59		20.00	
10		25	12		18.46		20.00	
10		25	25		18.53		20.00	
10		50	0		18.54		20.00	
Channel				23305	23330	23355	Tune-up Limit (dBm)	
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	23.51	23.61	23.55	25.00	
5		1	12	23.31	23.54	23.33	25.00	
5		1	24	23.37	23.51	23.36	25.00	
5		12	0	22.44	22.68	22.51	24.00	
5		12	7	22.38	22.61	22.49	24.00	
5		12	13	22.44	22.55	22.40	24.00	
5	16QAM	25	0	22.54	22.67	22.51	24.00	
5		1	0	22.40	22.60	22.51	24.00	
5		1	12	22.53	22.65	22.49	24.00	
5		1	24	22.41	22.63	22.48	24.00	
5		12	0	21.55	21.71	21.53	23.00	
5		12	7	21.59	21.72	21.53	23.00	
5	64QAM	12	13	21.50	21.65	21.47	23.00	
5		25	0	21.64	21.80	21.71	23.00	
5		1	0	21.53	21.72	21.55	23.00	
5		1	12	21.46	21.66	21.49	23.00	
5		1	24	21.57	21.77	21.67	23.00	
5		12	0	20.50	20.68	20.60	22.00	
5	256QAM	12	7	20.34	20.58	20.48	22.00	
5		12	13	20.48	20.67	20.57	22.00	
5		25	0	20.30	20.50	20.40	22.00	
5		1	0	18.24	18.45	18.39	20.00	
5		1	12	18.24	18.44	18.36	20.00	
5		1	24	18.18	18.40	18.31	20.00	
5	QPSK	12	0	18.41	18.51	18.43	20.00	
5		12	7	18.20	18.41	18.24	20.00	
5		12	13	18.32	18.42	18.30	20.00	
5		25	0	18.23	18.43	18.33	20.00	

<LTE Band 17_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				23780	23790	23800	Tune-up Limit (dBm)	
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.40	23.45	23.35	24.00	
10		1	25	23.33	23.41	23.28	24.00	
10		1	49	23.25	23.40	23.18	24.00	
10		25	0	22.37	22.48	22.36	23.00	
10		25	12	22.28	22.42	22.21	23.00	
10		25	25	22.35	22.48	22.29	23.00	
10	16QAM	50	0	22.36	22.42	22.28	23.00	
10		1	0	22.16	22.22	22.07	23.00	
10		1	25	22.18	22.33	22.13	23.00	
10		1	49	22.15	22.34	22.13	23.00	
10		25	0	21.25	21.36	21.24	22.00	
10		25	12	21.33	21.50	21.33	22.00	
10	64QAM	25	25	21.40	21.49	21.38	22.00	
10		50	0	21.28	21.48	21.38	22.00	
10		1	0	21.23	21.30	21.08	22.00	
10		1	25	21.27	21.36	21.22	22.00	
10		1	49	21.25	21.31	21.19	22.00	
10		25	0	20.31	20.39	20.16	21.00	
10	256QAM	25	12	20.26	20.42	20.22	21.00	
10		25	25	20.39	20.46	20.31	21.00	
10		50	0	20.36	20.43	20.23	21.00	
10		1	0	18.62	18.73	18.57	19.00	
10		1	25	18.53	18.68	18.51	19.00	
10		1	49	18.44	18.62	18.51	19.00	
10		25	0	18.46	18.57	18.46	19.00	
10		25	12	18.43	18.54	18.36	19.00	
10		25	25	18.40	18.52	18.35	19.00	
10		50	0	18.43	18.50	18.36	19.00	
Channel				23755	23790	23825	Tune-up Limit (dBm)	
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.29	23.30	23.23	24.00	
5		1	12	23.19	23.27	23.20	24.00	
5		1	24	23.17	23.33	23.16	24.00	
5		12	0	22.24	22.42	22.26	23.00	
5		12	7	22.27	22.30	22.14	23.00	
5		12	13	22.26	22.36	22.19	23.00	
5	16QAM	25	0	22.26	22.41	22.25	23.00	
5		1	0	22.13	22.16	22.05	23.00	
5		1	12	22.06	22.28	22.08	23.00	
5		1	24	22.12	22.23	22.00	23.00	
5		12	0	21.10	21.24	21.18	22.00	
5		12	7	21.30	21.40	21.30	22.00	
5	64QAM	12	13	21.32	21.36	21.33	22.00	
5		25	0	21.26	21.36	21.30	22.00	
5		1	0	21.12	21.28	21.01	22.00	
5		1	12	21.19	21.28	21.20	22.00	
5		1	24	21.24	21.23	21.12	22.00	
5		12	0	20.25	20.36	20.08	21.00	
5	256QAM	12	7	20.16	20.32	20.16	21.00	
5		12	13	20.35	20.44	20.21	21.00	
5		25	0	20.22	20.34	20.19	21.00	
5		1	0	18.58	18.61	18.52	19.00	
5		1	12	18.41	18.57	18.50	19.00	
5		1	24	18.41	18.53	18.39	19.00	
5		12	0	18.43	18.55	18.40	19.00	
5		12	7	18.39	18.43	18.22	19.00	
5		12	13	18.32	18.44	18.25	19.00	
5		25	0	18.35	18.36	18.27	19.00	

<LTE Band 25_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.05	23.11	23.06	24.00	
20		1	49	22.94	23.02	22.90	24.00	
20		1	99	22.81	23.01	22.94	24.00	
20		50	0	22.11	22.23	22.14	23.00	
20		50	24	21.96	22.15	22.03	23.00	
20		50	50	21.99	22.18	22.04	23.00	
20	16QAM	100	0	22.05	22.24	22.07	23.00	
20		1	0	22.17	22.30	22.12	23.00	
20		1	49	21.97	22.17	22.09	23.00	
20		1	99	21.96	22.16	22.06	23.00	
20		50	0	21.08	21.16	20.99	22.00	
20		50	24	20.91	21.05	20.90	22.00	
20	64QAM	50	50	20.99	21.09	20.94	22.00	
20		100	0	21.06	21.20	21.04	22.00	
20		1	0	21.15	21.25	21.08	22.00	
20		1	49	21.09	21.17	21.08	22.00	
20		1	99	21.07	21.14	21.01	22.00	
20		50	0	20.05	20.20	20.09	21.00	
20	256QAM	50	24	20.00	20.13	19.99	21.00	
20		50	50	20.00	20.18	20.05	21.00	
20		100	0	19.99	20.16	19.98	21.00	
20		1	0	18.21	18.39	18.34	19.00	
20		1	49	18.11	18.30	18.15	19.00	
20		1	99	18.21	18.28	18.11	19.00	
20	64QAM	50	0	18.16	18.27	18.22	19.00	
20		50	24	18.05	18.22	18.05	19.00	
20		50	50	18.09	18.26	18.17	19.00	
20		100	0	18.19	18.29	18.14	19.00	
Channel				26115	26340	26615	Tune-up Limit (dBm)	
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.94	22.96	22.94	24.00	
15		1	37	22.83	22.90	22.81	24.00	
15		1	74	22.67	22.97	22.88	24.00	
15		36	0	22.08	22.18	22.00	23.00	
15		36	20	21.84	22.04	21.88	23.00	
15		36	39	21.90	22.05	21.99	23.00	
15	16QAM	75	0	21.93	22.23	22.01	23.00	
15		1	0	22.06	22.16	22.04	23.00	
15		1	37	21.94	22.15	22.07	23.00	
15		1	74	21.85	22.05	21.96	23.00	
15		36	0	21.05	21.12	20.85	22.00	
15		36	20	20.79	20.99	20.77	22.00	
15	64QAM	36	39	20.85	21.05	20.87	22.00	
15		75	0	21.05	21.13	21.01	22.00	
15		1	0	21.10	21.23	21.07	22.00	
15		1	37	20.96	21.14	21.05	22.00	
15		1	74	20.97	21.08	20.90	22.00	
15		36	0	19.93	20.08	20.02	21.00	
15	256QAM	36	20	19.95	20.00	19.94	21.00	
15		36	39	19.91	20.04	19.99	21.00	
15		75	0	19.88	20.08	19.95	21.00	
15		1	0	18.14	18.25	18.32	19.00	
15		1	37	18.03	18.26	18.04	19.00	
15		1	74	18.14	18.22	18.04	19.00	
15	64QAM	36	0	18.04	18.25	18.17	19.00	
15		36	20	18.02	18.11	17.93	19.00	
15		36	39	18.07	18.11	18.06	19.00	
15		75	0	18.12	18.21	18.11	19.00	
Channel				26090	26340	26640	Tune-up Limit (dBm)	
Frequency (MHz)				1855	1880	1910		
10		1	0	22.91	23.02	23.02	24.00	
10		1	25	22.91	22.92	22.78	24.00	

10	QPSK	1	49	22.72	23.00	22.91	24.00	
10		25	0	22.09	22.17	22.02	23.00	
10		25	12	21.82	22.06	21.88	23.00	
10		25	25	21.94	22.13	22.02	23.00	
10		50	0	21.95	22.09	21.94	23.00	
10	16QAM	1	0	22.02	22.20	22.01	23.00	
10		1	25	21.91	22.11	21.97	23.00	
10		1	49	21.82	22.05	21.92	23.00	
10		25	0	21.01	21.11	20.90	22.00	
10		25	12	20.80	21.01	20.86	22.00	
10		25	25	20.89	21.06	20.84	22.00	
10	64QAM	50	0	21.05	21.18	21.01	22.00	
10		1	0	21.00	21.15	20.98	22.00	
10		1	25	20.97	21.05	21.00	22.00	
10		1	49	20.98	21.01	20.86	22.00	
10		25	0	20.01	20.15	19.97	21.00	
10		25	12	19.89	20.12	19.91	21.00	
10	256QAM	25	25	19.89	20.03	20.02	21.00	
10		50	0	19.91	20.14	19.89	21.00	
10		1	0	18.07	18.37	18.32	19.00	
10		1	25	18.03	18.26	18.14	19.00	
10		1	49	18.14	18.18	18.03	19.00	
10		25	0	18.10	18.13	18.09	19.00	
10		25	12	17.96	18.09	18.00	19.00	
10		25	25	18.00	18.18	18.13	19.00	
10		50	0	18.11	18.14	18.08	19.00	
Channel				26065	26340	26665	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1912.5		
5		QPSK	1	0	22.96	23.03	23.03	24.00
5	1		12	22.83	22.98	22.78	24.00	
5	1		24	22.74	22.93	22.93	24.00	
5	12		0	22.06	22.19	22.01	23.00	
5	12		7	21.90	22.13	21.94	23.00	
5	12		13	21.93	22.06	21.94	23.00	
5	16QAM	25	0	21.91	22.19	22.01	23.00	
5		1	0	22.03	22.28	22.00	23.00	
5		1	12	21.92	22.13	21.98	23.00	
5		1	24	21.93	22.02	22.04	23.00	
5		12	0	20.94	21.09	20.93	22.00	
5		12	7	20.84	20.93	20.86	22.00	
5	64QAM	12	13	20.96	20.97	20.90	22.00	
5		25	0	20.98	21.15	20.89	22.00	
5		1	0	21.13	21.21	20.97	22.00	
5		1	12	20.95	21.06	20.97	22.00	
5		1	24	21.03	21.04	20.99	22.00	
5		12	0	19.91	20.12	19.96	21.00	
5	256QAM	12	7	19.89	20.09	19.88	21.00	
5		12	13	19.99	20.08	19.90	21.00	
5		25	0	19.86	20.15	19.88	21.00	
5		1	0	18.10	18.35	18.31	19.00	
5		1	12	18.07	18.26	18.02	19.00	
5		1	24	18.11	18.19	18.02	19.00	
5		12	0	18.14	18.20	18.15	19.00	
5		12	7	17.91	18.10	17.91	19.00	
5		12	13	17.95	18.23	18.10	19.00	
5		25	0	18.08	18.26	18.00	19.00	
Channel				26055	26340	26675	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.98	22.99	22.99	24.00	
3		1	8	22.91	22.97	22.76	24.00	
3		1	14	22.72	22.93	22.86	24.00	
3		8	0	22.03	22.13	22.07	23.00	
3		8	4	21.88	22.04	21.90	23.00	
3		8	7	21.91	22.08	21.91	23.00	
3		15	0	21.95	22.14	21.95	23.00	
3		1	0	22.13	22.25	22.05	23.00	
3		1	8	21.83	22.09	22.05	23.00	

3	16QAM	1	14	21.86	22.03	21.92	23.00	
3		8	0	21.05	21.05	20.94	22.00	
3		8	4	20.89	20.96	20.82	22.00	
3		8	7	20.93	21.05	20.79	22.00	
3		15	0	20.96	21.07	20.97	22.00	
3	64QAM	1	0	21.13	21.14	20.99	22.00	
3		1	8	20.98	21.06	21.01	22.00	
3		1	14	20.93	21.00	20.97	22.00	
3		8	0	20.04	20.05	19.94	21.00	
3		8	4	19.93	20.12	19.90	21.00	
3	256QAM	8	7	19.92	20.09	19.97	21.00	
3		15	0	19.94	20.03	19.87	21.00	
3		1	0	18.15	18.30	18.21	19.00	
3		1	8	18.02	18.23	18.00	19.00	
3		1	14	18.12	18.17	18.09	19.00	
3		8	0	18.02	18.25	18.20	19.00	
3		8	4	18.00	18.14	18.01	19.00	
3		8	7	17.95	18.19	18.05	19.00	
3		15	0	18.11	18.27	18.03	19.00	
Channel				26047	26340	26683	Tune-up Limit (dBm)	
Frequency (MHz)				1850.7	1880	1914.3		
1.4		QPSK	1	0	22.97	23.00	23.00	24.00
1.4			1	3	22.90	23.00	22.89	24.00
1.4			1	5	22.67	22.98	22.88	24.00
1.4			3	0	23.04	23.11	23.03	24.00
1.4	3		1	22.92	23.03	22.89	24.00	
1.4	3		3	22.92	23.08	22.91	24.00	
1.4	6		0	21.99	22.12	21.92	23.00	
1.4	16QAM	1	0	22.14	22.28	21.98	23.00	
1.4		1	3	21.93	22.12	22.01	23.00	
1.4		1	5	21.86	22.11	21.96	23.00	
1.4		3	0	22.04	22.13	21.91	23.00	
1.4		3	1	21.80	21.93	21.89	23.00	
1.4		3	3	21.92	22.02	21.80	23.00	
1.4		6	0	21.00	21.10	20.99	22.00	
1.4	64QAM	1	0	21.01	21.18	21.05	22.00	
1.4		1	3	21.01	21.14	21.02	22.00	
1.4		1	5	20.94	21.00	20.90	22.00	
1.4		3	0	20.97	21.10	21.05	22.00	
1.4		3	1	20.87	21.00	20.95	22.00	
1.4		3	3	20.90	21.05	20.90	22.00	
1.4		6	0	19.97	20.07	19.91	21.00	
1.4	256QAM	1	0	18.11	18.34	18.23	19.00	
1.4		1	3	17.97	18.24	18.06	19.00	
1.4		1	5	18.14	18.15	18.02	19.00	
1.4		3	0	18.08	18.17	18.13	19.00	
1.4		3	1	17.94	18.16	17.93	19.00	
1.4		3	3	18.08	18.11	18.08	19.00	
1.4		6	0	18.15	18.14	18.10	19.00	

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<LTE Band 26_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.13	23.15	23.10	25.00
15		1	37	23.05	23.13	23.00	25.00
15		1	74	23.01	23.09	23.00	25.00
15		36	0	22.08	22.18	22.11	24.00
15		36	20	22.06	22.16	22.00	24.00
15		36	39	22.02	22.13	22.03	24.00
15		75	0	22.16	22.24	22.15	24.00
15	16QAM	1	0	22.07	22.17	22.11	24.00
15		1	37	22.05	22.20	22.02	24.00
15		1	74	22.01	22.16	22.00	24.00
15		36	0	21.18	21.27	21.15	23.00
15		36	20	21.17	21.23	21.04	23.00
15		36	39	21.14	21.22	21.05	23.00
15		75	0	21.13	21.29	21.22	23.00
15	64QAM	1	0	21.10	21.15	21.00	23.00
15		1	37	21.07	21.17	21.03	23.00
15		1	74	21.04	21.13	21.00	23.00
15		36	0	20.19	20.32	20.21	22.00
15		36	20	20.13	20.25	20.17	22.00
15		36	39	20.10	20.26	20.17	22.00
15		75	0	20.17	20.23	20.13	22.00
15	256QAM	1	0	18.08	18.16	18.04	20.00
15		1	37	18.00	18.11	18.01	20.00
15		1	74	18.00	18.12	18.02	20.00
15		36	0	18.10	18.21	18.03	20.00
15		36	20	18.01	18.05	18.00	20.00
15		36	39	18.01	18.07	18.02	20.00
15		75	0	18.14	18.21	18.03	20.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.01	23.06	23.01	25.00
10		1	25	23.01	23.09	23.00	25.00
10		1	49	23.01	23.00	23.01	25.00
10		25	0	22.01	22.07	22.00	24.00
10		25	12	22.01	22.03	22.00	24.00
10		25	25	22.02	22.00	22.01	24.00
10		50	0	22.02	22.19	22.05	24.00
10	16QAM	1	0	22.00	22.12	22.02	24.00
10		1	25	22.00	22.13	22.02	24.00
10		1	49	22.02	22.14	22.00	24.00
10		25	0	21.09	21.25	21.07	23.00
10		25	12	21.04	21.19	21.02	23.00
10		25	25	21.02	21.08	21.02	23.00
10		50	0	21.00	21.19	21.19	23.00
10	64QAM	1	0	21.07	21.11	21.02	23.00
10		1	25	21.00	21.06	21.01	23.00
10		1	49	21.00	21.12	21.01	23.00
10		25	0	20.15	20.24	20.13	22.00
10		25	12	20.00	20.17	20.10	22.00
10		25	25	20.04	20.20	20.03	22.00
10		50	0	20.12	20.15	20.05	22.00
10	256QAM	1	0	18.07	18.02	18.00	20.00
10		1	25	18.01	18.01	18.01	20.00
10		1	49	18.00	18.01	18.00	20.00
10		25	0	18.01	18.13	18.01	20.00
10		25	12	18.00	18.01	18.01	20.00
10		25	25	18.01	18.06	18.00	20.00
10		50	0	18.01	18.14	18.00	20.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5		1	0	23.01	23.04	23.03	25.00
5		1	12	23.01	23.03	23.02	25.00

5	QPSK	1	24	23.00	23.05	23.00	25.00	
5		12	0	22.00	22.14	22.08	24.00	
5		12	7	22.00	22.10	22.01	24.00	
5		12	13	22.01	22.08	22.01	24.00	
5		25	0	22.03	22.19	22.06	24.00	
5	16QAM	1	0	22.02	22.11	22.02	24.00	
5		1	12	22.00	22.06	22.00	24.00	
5		1	24	22.00	22.13	22.00	24.00	
5		12	0	21.09	21.19	21.03	23.00	
5		12	7	21.16	21.22	21.01	23.00	
5	64QAM	12	13	21.02	21.21	21.02	23.00	
5		25	0	21.05	21.23	21.16	23.00	
5		1	0	21.01	21.13	21.00	23.00	
5		1	12	21.01	21.05	21.01	23.00	
5		1	24	21.01	21.10	21.02	23.00	
5	256QAM	12	0	20.11	20.27	20.10	22.00	
5		12	7	20.07	20.15	20.02	22.00	
5		12	13	20.05	20.24	20.10	22.00	
5		25	0	20.03	20.21	20.09	22.00	
5		1	0	18.02	18.06	18.00	20.00	
5	64QAM	1	12	18.00	18.06	18.01	20.00	
5		1	24	18.00	18.07	18.01	20.00	
5		12	0	18.02	18.07	18.01	20.00	
5		12	7	18.00	18.00	18.01	20.00	
5		12	13	18.00	18.00	18.01	20.00	
5	256QAM	25	0	18.04	18.09	18.00	20.00	
Channel				26705	26865	27025	Tune-up Limit (dBm)	
Frequency (MHz)				815.5	831.5	847.5		
3		QPSK	1	0	23.11	23.10	23.05	25.00
3			1	8	23.00	23.12	23.01	25.00
3	1		14	23.01	23.05	23.01	25.00	
3	8		0	22.05	22.17	22.04	24.00	
3	8		4	22.00	22.08	22.00	24.00	
3	16QAM	8	7	22.01	22.07	22.00	24.00	
3		15	0	22.06	22.18	22.04	24.00	
3		1	0	22.00	22.08	22.00	24.00	
3		1	8	22.00	22.09	22.01	24.00	
3		1	14	22.00	22.01	22.01	24.00	
3	64QAM	8	0	21.04	21.19	21.12	23.00	
3		8	4	21.05	21.14	21.01	23.00	
3		8	7	21.04	21.17	21.01	23.00	
3		15	0	21.10	21.18	21.09	23.00	
3		1	0	21.00	21.06	21.02	23.00	
3	256QAM	1	8	21.00	21.07	21.01	23.00	
3		1	14	21.00	21.01	21.01	23.00	
3		8	0	20.10	20.26	20.10	22.00	
3		8	4	20.08	20.24	20.06	22.00	
3		8	7	20.05	20.23	20.15	22.00	
3	64QAM	15	0	20.05	20.13	20.06	22.00	
3		1	0	18.00	18.08	18.01	20.00	
3		1	8	18.02	18.03	18.01	20.00	
3		1	14	18.01	18.03	18.00	20.00	
3		8	0	18.00	18.09	18.01	20.00	
3	256QAM	8	4	18.00	18.00	18.01	20.00	
3		8	7	18.00	18.00	18.00	20.00	
3		15	0	18.08	18.16	18.00	20.00	
Channel				26697	26865	27033	Tune-up Limit (dBm)	
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.00	23.06	25.00	
1.4		1	3	23.01	23.02	23.00	25.00	
1.4		1	5	23.00	23.01	23.00	25.00	
1.4		3	0	23.00	23.15	23.08	25.00	
1.4		3	1	23.01	23.02	23.00	25.00	
1.4	16QAM	3	3	23.00	23.01	23.00	25.00	
1.4		6	0	22.11	22.17	22.10	24.00	
1.4		1	0	22.01	22.07	22.01	24.00	
1.4		1	3	22.00	22.08	22.00	24.00	

1.4	16QAM	1	5	22.00	22.13	22.02	24.00
1.4		3	0	22.08	22.21	22.14	24.00
1.4		3	1	22.07	22.15	22.01	24.00
1.4		3	3	22.09	22.10	22.01	24.00
1.4		6	0	21.00	21.18	21.19	23.00
1.4	64QAM	1	0	21.00	21.03	21.02	23.00
1.4		1	3	21.01	21.03	21.00	23.00
1.4		1	5	21.01	21.05	21.00	23.00
1.4		3	0	21.11	21.18	21.15	23.00
1.4		3	1	21.02	21.13	21.04	23.00
1.4		3	3	21.00	21.21	21.09	23.00
1.4		6	0	20.08	20.21	20.01	22.00
1.4	256QAM	1	0	18.00	18.11	18.02	20.00
1.4		1	3	18.00	18.04	18.01	20.00
1.4		1	5	18.01	18.00	18.00	20.00
1.4		3	0	18.00	18.08	18.01	20.00
1.4		3	1	18.01	18.00	18.00	20.00
1.4		3	3	18.01	18.00	18.00	20.00
1.4		6	0	18.04	18.16	18.00	20.00

<LTE Band 30_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					27710		Tune-up Limit (dBm)	
Frequency (MHz)					2310			
10	QPSK	1	0		22.18		23.00	
10		1	25		22.12		23.00	
10		1	49		22.07		23.00	
10		25	0		21.15		22.00	
10		25	12		21.10		22.00	
10		25	25		21.08		22.00	
10	16QAM	50	0		21.13		22.00	
10		1	0		21.06		22.00	
10		1	25		21.05		22.00	
10		1	49		21.09		22.00	
10		25	0		20.13		21.00	
10		25	12		20.17		21.00	
10	64QAM	25	25		20.15		21.00	
10		50	0		20.10		21.00	
10		1	0		20.18		21.00	
10		1	25		20.03		21.00	
10		1	49		20.05		21.00	
10		25	0		19.13		20.00	
10	256QAM	25	12		19.15		20.00	
10		25	25		19.11		20.00	
10		50	0		19.09		20.00	
10		1	0		17.25		18.00	
10		1	25		17.22		18.00	
10		1	49		17.17		18.00	
10		25	0		17.02		18.00	
10		25	12		17.05		18.00	
10		25	25		17.21		18.00	
10		50	0		17.11		18.00	
Channel				27685	27710	27735	Tune-up Limit (dBm)	
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.07	22.15	22.09	23.00	
5		1	12	21.87	22.09	21.95	23.00	
5		1	24	21.89	22.06	21.91	23.00	
5		12	0	20.97	21.19	21.11	22.00	
5		12	7	20.89	21.10	20.93	22.00	
5		12	13	21.04	21.13	20.96	22.00	
5	16QAM	25	0	20.94	21.05	20.98	22.00	
5		1	0	20.92	21.01	20.81	22.00	
5		1	12	20.88	21.03	20.86	22.00	
5		1	24	20.86	21.02	20.83	22.00	
5		12	0	19.89	20.11	19.91	21.00	
5		12	7	19.98	20.15	20.02	21.00	
5	64QAM	12	13	19.99	20.13	19.98	21.00	
5		25	0	19.90	20.05	19.97	21.00	
5		1	0	20.01	20.19	20.04	21.00	
5		1	12	19.90	20.04	19.92	21.00	
5		1	24	19.97	20.07	19.99	21.00	
5		12	0	19.00	19.15	19.05	20.00	
5	256QAM	12	7	19.01	19.14	19.02	20.00	
5		12	13	18.95	19.08	18.96	20.00	
5		25	0	18.80	19.02	18.93	20.00	
5		1	0	17.12	17.23	17.11	18.00	
5		1	12	17.04	17.21	17.10	18.00	
5		1	24	17.00	17.16	17.08	18.00	
5		12	0	16.85	17.03	16.91	18.00	
5		12	7	16.93	17.08	16.99	18.00	
5		12	13	17.00	17.12	17.05	18.00	
5		25	0	16.92	17.10	16.97	18.00	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.22	23.31	23.19	24.00
20		1	49	22.99	23.15	22.94	24.00
20		1	99	23.06	23.21	23.05	24.00
20		50	0	22.23	22.37	22.22	23.00
20		50	24	22.11	22.29	22.17	23.00
20		50	50	22.13	22.25	22.04	23.00
20		100	0	22.09	22.31	22.17	23.00
20	16QAM	1	0	22.25	22.36	22.14	23.00
20		1	49	22.18	22.33	22.17	23.00
20		1	99	22.21	22.31	22.12	23.00
20		50	0	21.12	21.27	21.12	22.00
20		50	24	21.02	21.20	21.07	22.00
20		50	50	21.06	21.24	21.09	22.00
20		100	0	21.08	21.27	21.03	22.00
20	64QAM	1	0	21.15	21.30	21.12	22.00
20		1	49	20.99	21.22	21.05	22.00
20		1	99	21.14	21.28	21.11	22.00
20		50	0	20.17	20.28	20.11	21.00
20		50	24	20.08	20.25	20.06	21.00
20		50	50	20.08	20.24	20.07	21.00
20		100	0	20.09	20.27	20.14	21.00
20	256QAM	1	0	18.38	18.51	18.33	19.00
20		1	49	18.30	18.50	18.26	19.00
20		1	99	18.32	18.44	18.29	19.00
20		50	0	18.22	18.35	18.24	19.00
20		50	24	18.14	18.30	18.13	19.00
20		50	50	18.21	18.35	18.23	19.00
20		100	0	18.23	18.43	18.26	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.14	23.27	23.08	24.00
15		1	37	22.98	23.12	22.80	24.00
15		1	74	22.94	23.13	23.01	24.00
15		36	0	22.18	22.30	22.12	23.00
15		36	20	22.08	22.17	22.03	23.00
15		36	39	22.10	22.20	21.96	23.00
15		75	0	22.05	22.18	22.15	23.00
15	16QAM	1	0	22.16	22.23	22.09	23.00
15		1	37	22.09	22.19	22.10	23.00
15		1	74	22.19	22.17	22.02	23.00
15		36	0	20.99	21.25	20.99	22.00
15		36	20	20.95	21.14	20.99	22.00
15		36	39	20.93	21.12	20.95	22.00
15		75	0	21.00	21.21	20.99	22.00
15	64QAM	1	0	21.02	21.28	21.09	22.00
15		1	37	20.85	21.09	20.99	22.00
15		1	74	21.11	21.18	21.05	22.00
15		36	0	20.06	20.16	19.98	21.00
15		36	20	20.02	20.24	19.93	21.00
15		36	39	19.94	20.17	20.04	21.00
15		75	0	19.96	20.25	20.07	21.00
15	256QAM	1	0	18.26	18.45	18.22	19.00
15		1	37	18.23	18.42	18.25	19.00
15		1	74	18.27	18.32	18.20	19.00
15		36	0	18.07	18.34	18.20	19.00
15		36	20	18.00	18.20	18.05	19.00
15		36	39	18.13	18.20	18.17	19.00
15		75	0	18.09	18.38	18.13	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10		1	0	23.11	23.17	23.08	24.00
10		1	25	22.98	23.02	22.92	24.00

10	QPSK	1	49	23.02	23.19	22.91	24.00	
10		25	0	22.16	22.34	22.17	23.00	
10		25	12	22.06	22.19	22.14	23.00	
10		25	25	22.10	22.22	22.03	23.00	
10		50	0	22.05	22.22	22.13	23.00	
10	16QAM	1	0	22.20	22.24	22.11	23.00	
10		1	25	22.05	22.32	22.10	23.00	
10		1	49	22.11	22.19	21.98	23.00	
10		25	0	20.99	21.17	21.08	22.00	
10		25	12	21.00	21.18	20.98	22.00	
10		25	25	20.96	21.15	21.00	22.00	
10	64QAM	50	0	20.97	21.25	20.96	22.00	
10		1	0	21.13	21.27	21.02	22.00	
10		1	25	20.91	21.17	20.95	22.00	
10		1	49	21.04	21.19	20.98	22.00	
10		25	0	20.12	20.15	20.10	21.00	
10		25	12	19.99	20.18	20.04	21.00	
10	256QAM	25	25	20.01	20.18	20.02	21.00	
10		50	0	20.05	20.16	19.99	21.00	
10		1	0	18.31	18.42	18.22	19.00	
10		1	25	18.19	18.37	18.22	19.00	
10		1	49	18.22	18.34	18.19	19.00	
10		25	0	18.13	18.20	18.17	19.00	
10	256QAM	25	12	18.04	18.20	18.06	19.00	
10		25	25	18.16	18.30	18.13	19.00	
10		50	0	18.19	18.42	18.14	19.00	
Channel				131997	132322	132647	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1745	1777.5		
5		QPSK	1	0	23.21	23.24	23.07	24.00
5	1		12	22.97	23.07	22.91	24.00	
5	1		24	22.92	23.11	22.98	24.00	
5	12		0	22.16	22.28	22.09	23.00	
5	12		7	22.08	22.18	22.02	23.00	
5	12		13	22.01	22.13	21.98	23.00	
5	16QAM	25	0	22.03	22.27	22.03	23.00	
5		1	0	22.11	22.22	22.03	23.00	
5		1	12	22.07	22.20	22.04	23.00	
5		1	24	22.15	22.23	22.09	23.00	
5		12	0	21.03	21.14	21.06	22.00	
5		12	7	20.88	21.15	20.99	22.00	
5	16QAM	12	13	21.03	21.18	20.98	22.00	
5		25	0	20.95	21.21	20.89	22.00	
5		64QAM	1	0	21.04	21.28	21.05	22.00
5			1	12	20.98	21.07	20.97	22.00
5			1	24	21.08	21.26	21.06	22.00
5			12	0	20.13	20.13	20.00	21.00
5	12		7	19.96	20.11	20.02	21.00	
5	12		13	20.02	20.19	19.97	21.00	
5	256QAM	25	0	20.07	20.21	19.99	21.00	
5		1	0	18.31	18.46	18.22	19.00	
5		1	12	18.21	18.47	18.22	19.00	
5		1	24	18.23	18.34	18.15	19.00	
5		12	0	18.15	18.29	18.15	19.00	
5		12	7	18.12	18.28	18.10	19.00	
5	256QAM	12	13	18.11	18.27	18.13	19.00	
5		25	0	18.17	18.34	18.12	19.00	
Channel				131987	132322	132657	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1745	1778.5		
3		QPSK	1	0	23.12	23.17	23.07	24.00
3			1	8	22.95	23.11	22.90	24.00
3	1		14	23.00	23.17	23.01	24.00	
3	8		0	22.13	22.33	22.14	23.00	
3	8		4	22.06	22.20	22.04	23.00	
3	8		7	22.08	22.11	21.91	23.00	
3	256QAM	15	0	21.94	22.25	22.08	23.00	
3		1	0	22.16	22.23	22.02	23.00	
3	256QAM	1	8	22.08	22.19	22.16	23.00	

3	16QAM	1	14	22.17	22.18	22.09	23.00
3		8	0	21.03	21.16	21.00	22.00
3		8	4	21.00	21.12	20.95	22.00
3		8	7	21.05	21.20	21.01	22.00
3		15	0	21.05	21.21	20.99	22.00
3	64QAM	1	0	21.01	21.21	21.02	22.00
3		1	8	20.87	21.13	20.94	22.00
3		1	14	21.09	21.26	20.97	22.00
3		8	0	20.06	20.19	20.06	21.00
3		8	4	20.02	20.17	20.02	21.00
3	256QAM	8	7	19.94	20.11	19.95	21.00
3		15	0	20.02	20.17	20.08	21.00
3		1	0	18.30	18.46	18.29	19.00
3		1	8	18.25	18.46	18.15	19.00
3		1	14	18.18	18.41	18.22	19.00
3	256QAM	8	0	18.17	18.31	18.23	19.00
3		8	4	18.09	18.21	18.01	19.00
3		8	7	18.15	18.26	18.10	19.00
3		15	0	18.12	18.38	18.14	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.11	23.20	23.16	24.00
1.4		1	3	22.84	23.04	22.82	24.00
1.4		1	5	22.99	23.12	23.04	24.00
1.4		3	0	23.16	23.28	23.12	24.00
1.4		3	1	23.04	23.23	23.11	24.00
1.4		3	3	23.07	23.23	22.98	24.00
1.4		6	0	21.97	22.25	22.08	23.00
1.4	16QAM	1	0	22.21	22.29	22.06	23.00
1.4		1	3	22.13	22.20	22.15	23.00
1.4		1	5	22.20	22.24	22.03	23.00
1.4		3	0	22.07	22.16	22.01	23.00
1.4		3	1	22.00	22.08	21.95	23.00
1.4		3	3	21.95	22.20	22.07	23.00
1.4		6	0	21.06	21.13	20.90	22.00
1.4	64QAM	1	0	21.06	21.18	21.06	22.00
1.4		1	3	20.94	21.18	20.96	22.00
1.4		1	5	21.07	21.22	21.04	22.00
1.4		3	0	21.10	21.21	20.97	22.00
1.4		3	1	21.00	21.15	20.98	22.00
1.4		3	3	21.03	21.10	20.94	22.00
1.4		6	0	19.98	20.25	20.07	21.00
1.4	256QAM	1	0	18.34	18.47	18.21	19.00
1.4		1	3	18.23	18.39	18.21	19.00
1.4		1	5	18.18	18.32	18.25	19.00
1.4		3	0	18.20	18.32	18.11	19.00
1.4		3	1	18.09	18.17	18.08	19.00
1.4		3	3	18.11	18.23	18.08	19.00
1.4		6	0	18.13	18.31	18.16	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel			133222	133297	133372		
Frequency (MHz)			673	680.5	688		
20	QPSK	1	0	23.11	23.22	23.12	25.00
20		1	49	23.00	23.05	23.00	25.00
20		1	99	23.01	23.07	23.00	25.00
20		50	0	22.18	22.32	22.15	24.00
20		50	24	22.00	22.11	22.00	24.00
20		50	50	22.00	22.17	22.02	24.00
20	16QAM	100	0	22.07	22.20	22.00	24.00
20		1	0	22.01	22.05	22.00	24.00
20		1	49	22.00	22.07	22.00	24.00
20		1	99	22.00	22.11	22.01	24.00
20		50	0	21.00	21.15	21.00	23.00
20		50	24	21.00	21.18	21.01	23.00
20	64QAM	50	50	21.02	21.16	21.06	23.00
20		100	0	21.05	21.19	21.00	23.00
20		1	0	21.00	21.10	21.02	23.00
20		1	49	21.00	21.09	21.00	23.00
20		1	99	21.04	21.16	21.00	23.00
20		50	0	20.09	20.22	20.10	22.00
20	256QAM	50	24	20.00	20.23	20.00	22.00
20		50	50	20.02	20.15	20.01	22.00
20		100	0	20.01	20.16	20.00	22.00
20		1	0	18.00	18.20	18.01	20.00
20		1	49	18.01	18.15	18.06	20.00
20		1	99	18.03	18.17	18.05	20.00
20		50	0	18.01	18.16	18.00	20.00
20		50	24	18.01	18.11	18.00	20.00
20		50	50	18.01	18.12	18.01	20.00
20		100	0	18.01	18.10	18.00	20.00
Channel			133197	133297	133397	Tune-up Limit (dBm)	
Frequency (MHz)			670.5	680.5	690.5		
15	QPSK	1	0	23.09	23.18	23.01	25.00
15		1	37	23.00	23.02	23.01	25.00
15		1	74	23.00	23.00	23.01	25.00
15		36	0	22.03	22.20	22.09	24.00
15		36	20	22.00	22.09	22.01	24.00
15		36	39	22.01	22.12	22.02	24.00
15	16QAM	75	0	22.05	22.09	22.00	24.00
15		1	0	22.00	22.00	22.00	24.00
15		1	37	22.00	22.00	22.01	24.00
15		1	74	22.01	22.04	22.00	24.00
15		36	0	21.01	21.03	21.00	23.00
15		36	20	21.01	21.14	21.00	23.00
15	64QAM	36	39	21.00	21.11	21.00	23.00
15		75	0	21.02	21.13	21.00	23.00
15		1	0	21.02	21.03	21.01	23.00
15		1	37	21.00	21.04	21.02	23.00
15		1	74	21.01	21.03	21.00	23.00
15		36	0	20.01	20.17	20.01	22.00
15	256QAM	36	20	20.01	20.21	20.01	22.00
15		36	39	20.01	20.11	20.02	22.00
15		75	0	20.00	20.09	20.01	22.00
15		1	0	18.01	18.16	18.02	20.00
15		1	37	18.01	18.01	18.04	20.00
15		1	74	18.00	18.07	18.01	20.00
15		36	0	18.01	18.13	18.00	20.00
15		36	20	18.00	18.05	18.00	20.00
15		36	39	18.00	18.02	18.00	20.00
15		75	0	18.00	18.00	18.00	20.00
Channel			133172	133297	133422	Tune-up Limit (dBm)	
Frequency (MHz)			668	680.5	693		
10		1	0	23.04	23.10	23.00	25.00
10		1	25	23.00	23.00	23.00	25.00

10	QPSK	1	49	23.00	23.00	23.00	25.00
10		25	0	22.12	22.18	22.07	24.00
10		25	12	22.02	22.02	22.00	24.00
10		25	25	22.01	22.10	22.00	24.00
10		50	0	22.04	22.19	22.01	24.00
10	16QAM	1	0	22.00	22.00	22.00	24.00
10		1	25	22.00	22.00	22.00	24.00
10		1	49	22.00	22.08	22.00	24.00
10		25	0	21.01	21.05	21.00	23.00
10		25	12	21.00	21.05	21.01	23.00
10		25	25	21.00	21.07	21.02	23.00
10		50	0	21.01	21.06	21.00	23.00
10	64QAM	1	0	21.00	21.04	21.00	23.00
10		1	25	21.00	21.02	21.01	23.00
10		1	49	21.01	21.09	21.00	23.00
10		25	0	20.01	20.16	20.09	22.00
10		25	12	20.00	20.14	20.00	22.00
10		25	25	20.02	20.10	20.01	22.00
10		50	0	20.00	20.04	20.00	22.00
10	256QAM	1	0	18.02	18.08	18.01	20.00
10		1	25	18.01	18.03	18.00	20.00
10		1	49	18.01	18.11	18.01	20.00
10		25	0	18.00	18.05	18.01	20.00
10		25	12	18.01	18.03	18.01	20.00
10		25	25	18.01	18.01	18.02	20.00
10		50	0	18.00	18.03	18.00	20.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.05	23.12	23.01	25.00
5		1	12	23.00	23.00	23.00	25.00
5		1	24	23.01	23.01	23.02	25.00
5		12	0	22.10	22.21	22.08	24.00
5		12	7	22.00	22.00	22.00	24.00
5		12	13	22.00	22.05	22.00	24.00
5		25	0	22.04	22.07	22.01	24.00
5	16QAM	1	0	22.01	22.00	22.00	24.00
5		1	12	22.01	22.02	22.01	24.00
5		1	24	22.00	22.00	22.00	24.00
5		12	0	21.00	21.13	21.02	23.00
5		12	7	21.01	21.03	21.02	23.00
5		12	13	21.01	21.08	21.00	23.00
5		25	0	21.00	21.09	21.00	23.00
5	64QAM	1	0	21.00	21.02	21.01	23.00
5		1	12	21.01	21.00	21.02	23.00
5		1	24	21.02	21.10	21.01	23.00
5		12	0	20.02	20.07	20.08	22.00
5		12	7	20.01	20.14	20.01	22.00
5		12	13	20.00	20.10	20.00	22.00
5		25	0	20.01	20.10	20.01	22.00
5	256QAM	1	0	18.00	18.17	18.00	20.00
5		1	12	18.01	18.12	18.04	20.00
5		1	24	18.00	18.13	18.01	20.00
5		12	0	18.00	18.09	18.00	20.00
5		12	7	18.01	18.04	18.01	20.00
5		12	13	18.00	18.04	18.01	20.00
5		25	0	18.00	18.07	18.00	20.00

<LTE Band 38_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				37850	38000	38150	Tune-up Limit (dBm)	
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.16	23.17	23.13	24.00	
20		1	49	23.04	23.15	23.04	24.00	
20		1	99	22.98	23.08	22.89	24.00	
20		50	0	22.07	22.20	22.09	23.00	
20		50	24	22.00	22.15	22.00	23.00	
20		50	50	22.09	22.11	22.06	23.00	
20	16QAM	100	0	22.07	22.10	22.04	23.00	
20		1	0	22.04	22.14	21.95	23.00	
20		1	49	21.95	22.05	21.96	23.00	
20		1	99	22.01	22.09	21.94	23.00	
20		50	0	21.13	21.15	21.10	22.00	
20		50	24	20.92	21.08	20.92	22.00	
20	64QAM	50	50	21.06	21.09	20.99	22.00	
20		100	0	21.06	21.10	21.00	22.00	
20		1	0	20.69	20.84	20.79	22.00	
20		1	49	20.64	20.79	20.73	22.00	
20		1	99	20.74	20.77	20.59	22.00	
20		50	0	20.03	20.14	20.06	21.00	
20	256QAM	50	24	19.96	20.11	19.99	21.00	
20		50	50	20.02	20.15	20.00	21.00	
20		100	0	19.98	20.04	19.95	21.00	
20		1	0	17.82	17.89	17.75	19.00	
20		1	49	17.68	17.82	17.75	19.00	
20		1	99	17.84	17.91	17.82	19.00	
20		50	0	18.03	18.10	17.93	19.00	
20		50	24	17.90	18.01	17.96	19.00	
20		50	50	17.97	18.11	17.94	19.00	
20		100	0	17.86	17.99	17.90	19.00	
Channel				37825	38000	38175	Tune-up Limit (dBm)	
Frequency (MHz)				2577.5	2595	2612.5	Tune-up Limit (dBm)	
15	QPSK	1	0	23.10	23.14	23.06	24.00	
15		1	37	22.98	23.01	22.97	24.00	
15		1	74	22.89	22.97	22.76	24.00	
15		36	0	21.94	22.17	22.03	23.00	
15		36	20	21.97	22.14	21.87	23.00	
15		36	39	21.95	22.03	22.01	23.00	
15	16QAM	75	0	21.92	22.07	22.00	23.00	
15		1	0	21.95	22.13	21.81	23.00	
15		1	37	21.88	22.02	21.84	23.00	
15		1	74	21.87	22.04	21.92	23.00	
15		36	0	21.00	21.03	20.99	22.00	
15		36	20	20.83	21.04	20.79	22.00	
15	64QAM	36	39	20.91	20.98	20.93	22.00	
15		75	0	20.91	21.08	20.86	22.00	
15		1	0	20.58	20.73	20.69	22.00	
15		1	37	20.61	20.65	20.62	22.00	
15		1	74	20.73	20.73	20.56	22.00	
15		36	0	19.99	20.04	19.98	21.00	
15	256QAM	36	20	19.89	20.04	19.87	21.00	
15		36	39	19.99	20.01	19.96	21.00	
15		75	0	19.87	19.93	19.91	21.00	
15		1	0	17.73	17.76	17.68	19.00	
15		1	37	17.67	17.79	17.64	19.00	
15		1	74	17.77	17.84	17.67	19.00	
15		36	0	18.01	18.04	17.83	19.00	
15		36	20	17.82	17.89	17.82	19.00	
15		36	39	17.85	18.05	17.81	19.00	
15		75	0	17.78	17.91	17.86	19.00	
Channel				37800	38000	38200	Tune-up Limit (dBm)	
Frequency (MHz)				2575	2595	2615	Tune-up Limit (dBm)	
10	QPSK	1	0	23.12	23.03	23.00	24.00	
10		1	25	22.89	23.10	22.94	24.00	
10		1	49	22.93	22.98	22.85	24.00	
10		25	0	21.92	22.17	22.05	23.00	
10		25	12	21.98	22.06	21.91	23.00	
10		25	25	21.96	22.02	22.05	23.00	
10	16QAM	50	0	22.06	22.00	21.93	23.00	
10		1	0	21.99	22.06	21.84	23.00	
10		1	25	21.88	21.96	21.86	23.00	
10		1	49	21.86	21.98	21.83	23.00	
10		25	0	21.04	21.04	21.05	22.00	
10		25	12	20.90	20.98	20.85	22.00	
10		25	25	21.00	20.99	20.93	22.00	
10		50	0	21.04	21.06	20.98	22.00	

10	64QAM	1	0	20.63	20.79	20.65	22.00
10		1	25	20.55	20.72	20.64	22.00
10		1	49	20.63	20.70	20.47	22.00
10		25	0	19.96	20.05	19.94	21.00
10		25	12	19.85	20.06	19.87	21.00
10		25	25	19.90	20.02	19.98	21.00
10		50	0	19.89	19.90	19.89	21.00
10		256QAM	1	0	17.72	17.84	17.65
10	1		25	17.55	17.81	17.65	19.00
10	1		49	17.76	17.85	17.73	19.00
10	25		0	17.98	18.07	17.90	19.00
10	25		12	17.83	17.92	17.91	19.00
10	25		25	17.83	18.04	17.86	19.00
10	50		0	17.74	17.93	17.85	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.14	23.14	23.04	24.00
5		1	12	22.98	23.00	22.90	24.00
5		1	24	22.88	23.01	22.81	24.00
5		12	0	22.05	22.13	21.99	23.00
5		12	7	21.90	22.13	21.98	23.00
5		12	13	21.96	22.07	21.96	23.00
5	16QAM	25	0	21.92	21.99	21.91	23.00
5		1	0	21.95	22.07	21.93	23.00
5		1	12	21.86	22.03	21.85	23.00
5		1	24	21.97	21.96	21.85	23.00
5		12	0	21.01	21.11	21.06	22.00
5		12	7	20.84	20.94	20.88	22.00
5	64QAM	12	13	21.05	21.05	20.96	22.00
5		25	0	20.99	21.02	20.88	22.00
5		1	0	20.63	20.70	20.74	22.00
5		1	12	20.55	20.69	20.61	22.00
5		1	24	20.60	20.71	20.54	22.00
5		12	0	19.99	20.07	19.94	21.00
5	256QAM	12	7	19.85	20.04	19.88	21.00
5		12	13	19.98	20.10	19.89	21.00
5		25	0	19.90	19.95	19.86	21.00
5		1	0	17.80	17.81	17.62	19.00
5		1	12	17.55	17.76	17.73	19.00
5		1	24	17.72	17.88	17.80	19.00
5		12	0	17.89	18.03	17.84	19.00
5		12	7	17.86	17.96	17.81	19.00
5		12	13	17.83	17.99	17.93	19.00
5		25	0	17.81	17.88	17.84	19.00

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<LTE Band 41_Ant 5_Laptop>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.20	23.18	23.28	23.10	23.15	25.00
20		1	49	23.15	23.11	23.17	23.08	23.12	25.00
20		1	99	23.08	23.17	23.21	23.09	23.11	25.00
20		50	0	22.13	22.21	22.25	22.18	22.19	24.00
20		50	24	22.05	22.13	22.16	22.15	22.11	24.00
20		50	50	22.10	22.14	22.19	22.10	22.08	24.00
20		100	0	22.13	22.00	22.21	22.09	22.03	24.00
20	16QAM	1	0	22.11	22.01	22.12	22.10	22.05	24.00
20		1	49	22.06	22.08	22.15	22.05	22.03	24.00
20		1	99	22.10	22.12	22.18	22.15	22.07	24.00
20		50	0	21.09	21.09	21.21	21.17	21.00	23.00
20		50	24	21.10	21.11	21.15	21.09	21.05	23.00
20		50	50	21.11	21.12	21.17	21.05	21.12	23.00
20		100	0	21.12	21.10	21.19	21.09	21.08	23.00
20	64QAM	1	0	21.00	21.00	21.10	21.09	21.01	23.00
20		1	49	21.06	21.02	21.13	21.08	21.12	23.00
20		1	99	21.11	21.04	21.15	21.07	21.11	23.00
20		50	0	20.10	20.15	20.19	20.13	20.11	22.00
20		50	24	20.01	20.00	20.11	20.05	20.04	22.00
20		50	50	20.00	20.11	20.16	20.07	20.14	22.00
20		100	0	20.04	20.08	20.15	20.01	20.11	22.00
20	256QAM	1	0	18.10	18.05	18.11	18.01	18.00	20.00
20		1	49	18.03	18.03	18.05	18.00	18.00	20.00
20		1	99	18.06	18.03	18.09	18.00	18.05	20.00
20		50	0	18.01	18.02	18.07	18.04	18.06	20.00
20		50	24	18.12	18.11	18.16	18.01	18.00	20.00
20		50	50	18.02	18.01	18.05	18.00	18.00	20.00
20		100	0	18.00	18.01	18.07	18.04	18.02	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.14	23.17	23.26	23.00	23.11	25.00
15		1	37	23.13	23.09	23.11	23.00	23.00	25.00
15		1	74	23.01	23.11	23.17	23.06	23.00	25.00
15		36	0	22.00	22.01	22.11	22.00	22.01	24.00
15		36	20	22.00	22.12	22.04	22.06	22.09	24.00
15		36	39	22.03	22.03	22.11	22.00	22.05	24.00
15		75	0	22.05	22.01	22.16	22.03	22.01	24.00
15	16QAM	1	0	22.00	22.00	22.00	22.00	22.01	24.00
15		1	37	22.02	22.04	22.04	22.00	22.00	24.00
15		1	74	22.07	22.03	22.07	22.12	22.00	24.00
15		36	0	21.01	21.06	21.14	21.08	21.01	23.00
15		36	20	21.01	21.09	21.09	21.06	21.01	23.00
15		36	39	21.10	21.08	21.09	21.03	21.05	23.00
15		75	0	21.09	21.02	21.17	21.03	21.00	23.00
15	64QAM	1	0	21.00	21.01	21.00	21.00	21.01	23.00
15		1	37	21.03	21.00	21.12	21.01	21.07	23.00
15		1	74	21.07	21.01	21.11	21.04	21.02	23.00
15		36	0	20.05	20.00	20.16	20.09	20.01	22.00
15		36	20	20.02	20.00	20.02	20.00	20.01	22.00
15		36	39	20.00	20.10	20.02	20.05	20.12	22.00
15		75	0	20.02	20.01	20.13	20.01	20.09	22.00
15	256QAM	1	0	18.08	18.00	18.00	18.00	18.01	20.00
15		1	37	18.01	18.00	18.02	18.02	18.02	20.00
15		1	74	18.01	18.00	18.07	18.00	18.00	20.00
15		36	0	18.00	18.01	18.03	18.00	18.00	20.00
15		36	20	18.04	18.04	18.04	18.02	18.00	20.00
15		36	39	18.01	18.01	18.00	18.00	18.02	20.00
15		75	0	18.00	18.01	18.00	18.03	18.00	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.11	23.09	23.16	23.00	23.01	25.00
10		1	25	23.05	23.01	23.14	23.02	23.03	25.00
10		1	49	23.01	23.13	23.12	23.02	23.08	25.00
10		25	0	22.02	22.00	22.24	22.00	22.00	24.00
10		25	12	22.02	22.03	22.11	22.07	22.00	24.00
10		25	25	22.07	22.02	22.17	22.06	22.00	24.00
10		50	0	22.02	22.01	22.16	22.01	22.01	24.00
10	16QAM	1	0	22.00	22.00	22.07	22.01	22.02	24.00
10		1	25	22.00	22.06	22.10	22.00	22.00	24.00
10		1	49	22.00	22.02	22.06	22.06	22.01	24.00
10		25	0	21.06	21.06	21.09	21.12	21.02	23.00
10		25	12	21.00	21.10	21.12	21.00	21.00	23.00
10		25	25	21.00	21.10	21.08	21.02	21.04	23.00
10		50	0	21.00	21.02	21.15	21.00	21.02	23.00

10	64QAM	1	0	21.00	21.00	21.00	21.01	21.00	23.00
10		1	25	21.03	21.00	21.08	21.00	21.11	23.00
10		1	49	21.01	21.00	21.00	21.01	21.05	23.00
10		25	0	20.04	20.11	20.07	20.02	20.03	22.00
10		25	12	20.00	20.01	20.01	20.03	20.00	22.00
10		25	25	20.01	20.02	20.10	20.03	20.04	22.00
10		50	0	20.00	20.06	20.10	20.00	20.00	22.00
10		256QAM	1	0	18.00	18.02	18.02	18.00	18.01
10	1		25	18.01	18.02	18.00	18.00	18.02	20.00
10	1		49	18.03	18.00	18.00	18.00	18.00	20.00
10	25		0	18.00	18.02	18.02	18.01	18.00	20.00
10	25		12	18.11	18.09	18.09	18.00	18.01	20.00
10	25		25	18.00	18.02	18.00	18.01	18.01	20.00
10	50		0	18.01	18.01	18.00	18.00	18.00	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.07	23.07	23.25	23.05	23.10	25.00
5		1	12	23.02	23.07	23.07	23.03	23.09	25.00
5		1	24	23.00	23.06	23.13	23.00	23.06	25.00
5		12	0	22.07	22.09	22.15	22.00	22.01	24.00
5		12	7	22.00	22.04	22.08	22.01	22.01	24.00
5		12	13	22.07	22.04	22.16	22.00	22.00	24.00
5	16QAM	25	0	22.00	22.00	22.10	22.00	22.01	24.00
5		1	0	22.01	22.02	22.05	22.03	22.00	24.00
5		1	12	22.04	22.00	22.10	22.00	22.01	24.00
5		1	24	22.00	22.00	22.16	22.07	22.04	24.00
5		12	0	21.06	21.01	21.16	21.10	21.01	23.00
5		12	7	21.08	21.02	21.10	21.01	21.01	23.00
5	64QAM	12	13	21.05	21.03	21.04	21.01	21.05	23.00
5		25	0	21.09	21.00	21.05	21.00	21.00	23.00
5		1	0	21.01	21.00	21.00	21.01	21.00	23.00
5		1	12	21.01	21.01	21.07	21.01	21.03	23.00
5		1	24	21.03	21.00	21.02	21.00	21.06	23.00
5		12	0	20.01	20.07	20.08	20.00	20.01	22.00
5	256QAM	12	7	20.01	20.00	20.01	20.00	20.03	22.00
5		12	13	20.00	20.01	20.03	20.01	20.12	22.00
5		25	0	20.01	20.07	20.06	20.00	20.04	22.00
5		1	0	18.00	18.01	18.09	18.00	18.01	20.00
5		1	12	18.01	18.00	18.00	18.01	18.02	20.00
5		1	24	18.00	18.01	18.02	18.01	18.01	20.00
5		12	0	18.00	18.01	18.01	18.01	18.00	20.00
5		12	7	18.02	18.01	18.14	18.00	18.01	20.00
5	256QAM	12	13	18.00	18.00	18.01	18.00	18.01	20.00
5		25	0	18.00	18.02	18.06	18.01	18.02	20.00

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<LTE Band 41_HPUE_Ant 5_Laptop>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.37	26.40	26.44	26.38	26.35	28.00
20		1	49	26.28	26.33	26.41	26.25	26.21	28.00
20		1	99	26.26	26.27	26.39	26.24	26.29	28.00
20		50	0	25.47	25.43	25.53	25.39	25.41	27.00
20		50	24	25.28	25.26	25.44	25.26	25.26	27.00
20		50	50	25.42	25.41	25.51	25.38	25.40	27.00
20		100	0	25.30	25.32	25.43	25.27	25.23	27.00
20	16QAM	1	0	25.18	25.23	25.39	25.29	25.17	27.00
20		1	49	25.22	25.33	25.40	25.32	25.30	27.00
20		1	99	25.29	25.30	25.37	25.27	25.22	27.00
20		50	0	24.25	24.27	24.39	24.26	24.25	26.00
20		50	24	24.14	24.28	24.33	24.23	24.21	26.00
20		50	50	24.22	24.36	24.42	24.30	24.28	26.00
20		100	0	24.27	24.28	24.44	24.27	24.29	26.00
20	64QAM	1	0	24.21	24.24	24.37	24.21	24.25	26.00
20		1	49	24.18	24.18	24.30	24.19	24.20	26.00
20		1	99	24.20	24.29	24.41	24.26	24.29	26.00
20		50	0	23.38	23.38	23.49	23.33	23.34	25.00
20		50	24	23.26	23.26	23.40	23.27	23.25	25.00
20		50	50	23.33	23.36	23.41	23.35	23.26	25.00
20		100	0	23.25	23.36	23.45	23.36	23.25	25.00
20	256QAM	1	0	21.21	21.32	21.37	21.17	21.17	23.00
20		1	49	21.21	21.26	21.30	21.23	21.10	23.00
20		1	99	21.15	21.30	21.35	21.19	21.26	23.00
20		50	0	21.16	21.21	21.33	21.23	21.18	23.00
20		50	24	21.25	21.16	21.32	21.25	21.16	23.00
20		50	50	21.27	21.27	21.35	21.17	21.20	23.00
20		100	0	21.14	21.19	21.31	21.15	21.20	23.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.29	26.28	26.31	26.34	26.27	28.00
15		1	37	26.20	26.27	26.39	26.18	26.19	28.00
15		1	74	26.19	26.19	26.29	26.10	26.18	28.00
15		36	0	25.35	25.35	25.43	25.27	25.18	27.00
15		36	20	25.22	25.15	25.32	25.18	25.18	27.00
15		36	39	25.36	25.30	25.42	25.30	25.28	27.00
15		75	0	25.29	25.19	25.34	25.22	25.14	27.00
15	16QAM	1	0	25.04	25.17	25.37	25.15	25.11	27.00
15		1	37	25.18	25.25	25.26	25.29	25.26	27.00
15		1	74	25.15	25.22	25.28	25.18	25.12	27.00
15		36	0	24.22	24.18	24.26	24.11	24.23	26.00
15		36	20	24.02	24.16	24.23	24.20	24.15	26.00
15		36	39	24.07	24.30	24.30	24.16	24.14	26.00
15		75	0	24.22	24.25	24.40	24.24	24.20	26.00
15	64QAM	1	0	24.17	24.22	24.23	24.10	24.11	26.00
15		1	37	24.05	24.04	24.16	24.12	24.16	26.00
15		1	74	24.08	24.22	24.37	24.25	24.21	26.00
15		36	0	23.34	23.36	23.40	23.26	23.22	25.00
15		36	20	23.14	23.18	23.31	23.24	23.19	25.00
15		36	39	23.22	23.25	23.31	23.34	23.19	25.00
15		75	0	23.16	23.22	23.33	23.32	23.10	25.00
15	256QAM	1	0	21.06	21.25	21.32	21.11	21.09	23.00
15		1	37	21.08	21.18	21.28	21.15	21.01	23.00
15		1	74	21.00	21.24	21.21	21.17	21.23	23.00
15		36	0	21.11	21.13	21.22	21.18	21.14	23.00
15		36	20	21.14	21.02	21.19	21.16	21.02	23.00
15		36	39	21.15	21.20	21.21	21.13	21.14	23.00
15		75	0	21.11	21.18	21.18	21.00	21.10	23.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.27	26.37	26.41	26.29	26.27	28.00
10		1	25	26.23	26.27	26.27	26.17	26.16	28.00
10		1	49	26.16	26.13	26.28	26.18	26.25	28.00
10		25	0	25.35	25.34	25.44	25.32	25.25	27.00
10		25	12	25.18	25.15	25.42	25.24	25.16	27.00
10		25	25	25.30	25.35	25.37	25.35	25.32	27.00
10		50	0	25.24	25.26	25.39	25.17	25.12	27.00
10	16QAM	1	0	25.08	25.08	25.31	25.20	25.03	27.00
10		1	25	25.20	25.29	25.30	25.28	25.23	27.00
10		1	49	25.21	25.15	25.23	25.17	25.10	27.00
10		25	0	24.22	24.26	24.38	24.18	24.11	26.00
10		25	12	24.06	24.22	24.28	24.14	24.12	26.00
10		25	25	24.19	24.23	24.40	24.23	24.19	26.00
10		50	0	24.19	24.23	24.36	24.23	24.22	26.00

10	64QAM	1	0	24.18	24.13	24.32	24.11	24.18	26.00
10		1	25	24.14	24.07	24.26	24.11	24.10	26.00
10		1	49	24.16	24.16	24.37	24.21	24.24	26.00
10		25	0	23.24	23.31	23.36	23.23	23.23	25.00
10		25	12	23.25	23.22	23.33	23.13	23.19	25.00
10		25	25	23.31	23.34	23.33	23.21	23.12	25.00
10		50	0	23.15	23.34	23.37	23.28	23.15	25.00
10		256QAM	1	0	21.07	21.25	21.33	21.09	21.15
10	1		25	21.08	21.16	21.28	21.10	21.02	23.00
10	1		49	21.09	21.23	21.32	21.18	21.22	23.00
10	25		0	21.12	21.09	21.20	21.22	21.03	23.00
10	25		12	21.11	21.14	21.31	21.21	21.12	23.00
10	25		25	21.25	21.14	21.31	21.06	21.13	23.00
10	50		0	21.02	21.12	21.19	21.01	21.08	23.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	26.30	26.27	26.31	26.28	26.22	28.00
5		1	12	26.21	26.28	26.38	26.20	26.12	28.00
5		1	24	26.23	26.21	26.31	26.22	26.22	28.00
5		12	0	25.36	25.34	25.43	25.29	25.20	27.00
5		12	7	25.14	25.19	25.35	25.24	25.15	27.00
5		12	13	25.35	25.39	25.46	25.32	25.36	27.00
5	16QAM	25	0	25.26	25.27	25.35	25.17	25.15	27.00
5		1	0	25.03	25.19	25.38	25.17	25.10	27.00
5		1	12	25.16	25.21	25.35	25.28	25.22	27.00
5		1	24	25.25	25.19	25.26	25.15	25.14	27.00
5		12	0	24.23	24.20	24.30	24.17	24.12	26.00
5		12	7	24.03	24.15	24.28	24.10	24.10	26.00
5	64QAM	12	13	24.09	24.32	24.40	24.20	24.24	26.00
5		25	0	24.25	24.22	24.39	24.13	24.22	26.00
5		1	0	24.18	24.10	24.27	24.19	24.19	26.00
5		1	12	24.16	24.11	24.28	24.07	24.05	26.00
5		1	24	24.07	24.26	24.29	24.18	24.28	26.00
5		12	0	23.24	23.35	23.37	23.20	23.30	25.00
5	256QAM	12	7	23.21	23.23	23.27	23.17	23.17	25.00
5		12	13	23.24	23.34	23.39	23.21	23.14	25.00
5		25	0	23.15	23.29	23.36	23.30	23.13	25.00
5		1	0	21.20	21.25	21.34	21.03	21.10	23.00
5		1	12	21.15	21.20	21.24	21.15	21.08	23.00
5		1	24	21.03	21.23	21.21	21.12	21.25	23.00
5		12	0	21.09	21.10	21.32	21.09	21.12	23.00
5		12	7	21.10	21.06	21.23	21.24	21.12	23.00
5		12	13	21.21	21.24	21.34	21.08	21.17	23.00
5		25	0	21.08	21.14	21.18	21.02	21.07	23.00
5									

<LTE Band 2_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.30	23.38	23.35	24.00
20		1	49	23.12	23.30	23.23	24.00
20		1	99	23.13	23.35	23.23	24.00
20		50	0	23.12	23.36	23.31	24.00
20		50	24	23.08	23.31	23.23	24.00
20		50	50	23.06	23.33	23.17	24.00
20		100	0	23.06	23.33	23.19	24.00
20	16QAM	1	0	23.03	23.32	23.23	24.00
20		1	49	23.11	23.29	23.09	24.00
20		1	99	23.11	23.37	23.22	24.00
20		50	0	23.13	23.33	23.21	24.00
20		50	24	23.10	23.35	23.16	24.00
20		50	50	23.02	23.30	23.09	24.00
20		100	0	23.03	23.28	23.16	24.00
20	64QAM	1	0	23.13	23.31	23.17	24.00
20		1	49	23.13	23.34	23.21	24.00
20		1	99	23.12	23.33	23.24	24.00
20		50	0	23.09	23.31	23.21	24.00
20		50	24	23.01	23.25	23.03	24.00
20		50	50	23.02	23.27	23.17	24.00
20		100	0	23.01	23.25	23.14	24.00
20	256QAM	1	0	21.15	21.31	21.10	22.00
20		1	49	21.05	21.25	21.13	22.00
20		1	99	21.02	21.17	21.04	22.00
20		50	0	20.97	21.21	21.08	22.00
20		50	24	21.02	21.19	21.03	22.00
20		50	50	20.94	21.12	20.98	22.00
20		100	0	20.87	21.15	20.98	22.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.19	23.29	23.21	24.00
15		1	37	22.99	23.22	23.12	24.00
15		1	74	23.03	23.28	23.17	24.00
15		36	0	23.09	23.28	23.18	24.00
15		36	20	22.95	23.28	23.20	24.00
15		36	39	22.91	23.23	23.15	24.00
15		75	0	22.95	23.21	23.07	24.00
15	16QAM	1	0	22.99	23.30	23.18	24.00
15		1	37	23.01	23.20	23.08	24.00
15		1	74	23.04	23.31	23.16	24.00
15		36	0	23.03	23.32	23.15	24.00
15		36	20	23.04	23.27	23.10	24.00
15		36	39	23.00	23.16	23.07	24.00
15		75	0	22.99	23.20	23.05	24.00
15	64QAM	1	0	23.07	23.26	23.12	24.00
15		1	37	23.06	23.30	23.16	24.00
15		1	74	23.03	23.21	23.16	24.00
15		36	0	23.06	23.23	23.06	24.00
15		36	20	22.98	23.17	22.93	24.00
15		36	39	22.98	23.15	23.03	24.00
15		75	0	22.93	23.23	23.07	24.00
15	256QAM	1	0	21.05	21.27	21.00	22.00
15		1	37	21.02	21.22	21.10	22.00
15		1	74	20.87	21.14	20.98	22.00
15		36	0	20.94	21.08	21.00	22.00
15		36	20	21.00	21.09	20.93	22.00
15		36	39	20.92	20.97	20.89	22.00
15		75	0	20.79	21.12	20.88	22.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	23.20	23.23	23.33	24.00
10		1	25	23.07	23.17	23.09	24.00

10	QPSK	1	49	22.98	23.32	23.14	24.00	
10		25	0	23.07	23.30	23.22	24.00	
10		25	12	22.96	23.29	23.09	24.00	
10		25	25	22.92	23.20	23.11	24.00	
10		50	0	22.97	23.27	23.11	24.00	
10	16QAM	1	0	22.91	23.24	23.13	24.00	
10		1	25	23.04	23.22	23.02	24.00	
10		1	49	23.10	23.23	23.16	24.00	
10		25	0	23.11	23.30	23.17	24.00	
10		25	12	23.04	23.28	23.14	24.00	
10		25	25	22.99	23.16	23.04	24.00	
10	64QAM	50	0	22.97	23.24	23.05	24.00	
10		1	0	23.07	23.16	23.10	24.00	
10		1	25	23.07	23.25	23.06	24.00	
10		1	49	23.05	23.23	23.23	24.00	
10		25	0	22.99	23.18	23.15	24.00	
10		25	12	22.94	23.23	22.90	24.00	
10	256QAM	25	25	22.90	23.15	23.09	24.00	
10		50	0	22.93	23.17	23.00	24.00	
10		1	0	21.08	21.29	21.01	22.00	
10		1	25	20.94	21.21	21.12	22.00	
10		1	49	20.89	21.14	21.03	22.00	
10		25	0	20.87	21.13	20.97	22.00	
10	Channel	25	12	20.89	21.07	20.90	22.00	
10		25	25	20.89	21.03	20.93	22.00	
10		50	0	20.84	21.12	20.84	22.00	
Channel				18625	18900	19175	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5		QPSK	1	0	23.23	23.33	23.24	24.00
5	1		12	23.10	23.19	23.22	24.00	
5	1		24	23.04	23.21	23.16	24.00	
5	12		0	23.01	23.23	23.21	24.00	
5	12		7	23.00	23.26	23.15	24.00	
5	12		13	22.94	23.19	23.12	24.00	
5	16QAM	25	0	23.02	23.28	23.16	24.00	
5		1	0	22.98	23.20	23.10	24.00	
5		1	12	23.05	23.21	22.94	24.00	
5		1	24	22.98	23.29	23.13	24.00	
5		12	0	23.00	23.25	23.13	24.00	
5		12	7	22.98	23.31	23.09	24.00	
5	64QAM	12	13	22.90	23.16	22.98	24.00	
5		25	0	23.00	23.25	23.09	24.00	
5		1	0	23.01	23.21	23.03	24.00	
5		1	12	23.06	23.32	23.08	24.00	
5		1	24	23.02	23.22	23.22	24.00	
5		12	0	23.02	23.24	23.18	24.00	
5	256QAM	12	7	22.88	23.20	22.94	24.00	
5		12	13	22.90	23.16	23.14	24.00	
5		25	0	22.86	23.22	22.99	24.00	
5		1	0	21.13	21.24	20.99	22.00	
5		1	12	20.93	21.10	20.99	22.00	
5		1	24	20.87	21.08	20.97	22.00	
5	Channel	12	0	20.94	21.06	21.04	22.00	
5		12	7	20.91	21.15	20.91	22.00	
5		12	13	20.82	20.99	20.85	22.00	
5		25	0	20.73	21.01	20.85	22.00	
Channel				18615	18900	19185	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.17	23.29	23.23	24.00	
3		1	8	23.07	23.23	23.10	24.00	
3		1	14	23.11	23.24	23.20	24.00	
3		8	0	23.01	23.29	23.27	24.00	
3		8	4	22.96	23.27	23.14	24.00	
3		8	7	22.93	23.32	23.12	24.00	
3	Channel	15	0	22.92	23.29	23.07	24.00	
3		1	0	22.98	23.17	23.10	24.00	
3		1	8	23.09	23.18	22.96	24.00	

3	16QAM	1	14	22.97	23.30	23.10	24.00
3		8	0	22.99	23.26	23.08	24.00
3		8	4	23.02	23.25	23.13	24.00
3		8	7	23.01	23.15	22.96	24.00
3		15	0	22.89	23.24	23.11	24.00
3	64QAM	1	0	23.05	23.28	23.03	24.00
3		1	8	22.99	23.24	23.18	24.00
3		1	14	23.09	23.25	23.18	24.00
3		8	0	23.01	23.28	23.07	24.00
3		8	4	22.95	23.17	22.93	24.00
3		8	7	22.96	23.21	23.08	24.00
3		15	0	22.98	23.13	23.03	24.00
3	256QAM	1	0	21.02	21.21	21.06	22.00
3		1	8	21.02	21.14	21.09	22.00
3		1	14	20.90	21.08	20.95	22.00
3		8	0	20.86	21.10	21.01	22.00
3		8	4	20.96	21.10	20.92	22.00
3		8	7	20.86	21.04	20.93	22.00
3		15	0	20.80	21.03	20.94	22.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.22	23.28	23.22	24.00
1.4		1	3	23.06	23.24	23.11	24.00
1.4		1	5	23.05	23.33	23.09	24.00
1.4		3	0	22.99	23.25	23.17	24.00
1.4		3	1	23.05	23.26	23.19	24.00
1.4		3	3	23.02	23.30	23.08	24.00
1.4		6	0	23.03	23.28	23.13	24.00
1.4	16QAM	1	0	22.98	23.26	23.09	24.00
1.4		1	3	23.07	23.21	22.99	24.00
1.4		1	5	23.10	23.23	23.19	24.00
1.4		3	0	23.08	23.25	23.16	24.00
1.4		3	1	23.01	23.21	23.04	24.00
1.4		3	3	22.98	23.20	23.04	24.00
1.4		6	0	22.97	23.15	23.05	24.00
1.4	64QAM	1	0	23.09	23.20	23.02	24.00
1.4		1	3	23.08	23.32	23.15	24.00
1.4		1	5	23.10	23.24	23.16	24.00
1.4		3	0	23.08	23.22	23.20	24.00
1.4		3	1	22.98	23.18	22.91	24.00
1.4		3	3	22.92	23.18	23.14	24.00
1.4		6	0	22.91	23.22	23.09	24.00
1.4	256QAM	1	0	21.02	21.26	20.98	22.00
1.4		1	3	20.99	21.20	21.03	22.00
1.4		1	5	20.92	21.10	20.97	22.00
1.4		3	0	20.85	21.13	21.01	22.00
1.4		3	1	21.00	21.06	20.89	22.00
1.4		3	3	20.88	21.06	20.91	22.00
1.4		6	0	20.73	21.01	20.87	22.00

<LTE Band 4_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.21	23.29	23.22	24.00	
20		1	49	23.09	23.21	23.03	24.00	
20		1	99	23.02	23.23	23.04	24.00	
20		50	0	23.08	23.25	23.09	24.00	
20		50	24	23.02	23.21	22.99	24.00	
20		50	50	22.94	23.15	22.94	24.00	
20	16QAM	100	0	23.04	23.18	23.07	24.00	
20		1	0	23.02	23.19	23.10	24.00	
20		1	49	23.01	23.21	23.04	24.00	
20		1	99	23.01	23.22	23.06	24.00	
20		50	0	23.05	23.18	23.01	24.00	
20		50	24	23.06	23.20	23.03	24.00	
20	64QAM	50	50	23.11	23.21	23.06	24.00	
20		100	0	23.06	23.25	23.14	24.00	
20		1	0	23.08	23.22	23.07	24.00	
20		1	49	23.07	23.24	23.13	24.00	
20		1	99	23.00	23.20	23.03	24.00	
20		50	0	23.01	23.18	23.04	24.00	
20	256QAM	50	24	23.07	23.20	23.05	24.00	
20		50	50	22.96	23.18	23.10	24.00	
20		100	0	23.05	23.17	22.98	24.00	
20		1	0	21.08	21.19	20.98	22.00	
20		1	49	20.97	21.10	20.98	22.00	
20		1	99	20.92	21.14	21.04	22.00	
20	Channel	50	0	21.00	21.16	21.05	22.00	
20		50	24	21.03	21.15	20.95	22.00	
20		50	50	20.97	21.18	21.00	22.00	
20		100	0	20.92	21.11	20.94	22.00	
Channel				20025	20175	20325	Tune-up Limit (dBm)	
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.06	23.21	23.17	24.00	
15		1	37	23.07	23.10	23.00	24.00	
15		1	74	22.98	23.21	22.92	24.00	
15		36	0	22.99	23.13	23.04	24.00	
15		36	20	22.87	23.07	22.90	24.00	
15		36	39	22.88	23.14	22.92	24.00	
15	16QAM	75	0	22.95	23.09	23.04	24.00	
15		1	0	22.89	23.08	23.01	24.00	
15		1	37	22.98	23.17	22.95	24.00	
15		1	74	22.89	23.10	22.99	24.00	
15		36	0	23.03	23.09	22.94	24.00	
15		36	20	22.97	23.06	22.97	24.00	
15	64QAM	36	39	23.01	23.17	22.97	24.00	
15		75	0	23.00	23.14	23.12	24.00	
15		1	0	22.94	23.07	22.98	24.00	
15		1	37	23.01	23.21	23.00	24.00	
15		1	74	22.94	23.05	23.00	24.00	
15		36	0	22.90	23.09	22.97	24.00	
15	256QAM	36	20	22.96	23.06	22.93	24.00	
15		36	39	22.85	23.16	23.07	24.00	
15		75	0	23.01	23.02	22.84	24.00	
15		1	0	21.01	21.10	20.88	22.00	
15		1	37	20.90	20.96	20.85	22.00	
15		1	74	20.78	21.02	20.93	22.00	
15	Channel	36	0	20.95	21.06	21.02	22.00	
15		36	20	20.96	21.00	20.84	22.00	
15		36	39	20.94	21.05	20.92	22.00	
15		75	0	20.87	21.01	20.88	22.00	
Channel				20000	20175	20350	Tune-up Limit (dBm)	
Frequency (MHz)				1715	1732.5	1750		
10		1	0	23.15	23.26	23.10	24.00	
10		1	25	22.96	23.10	22.97	24.00	

10	QPSK	1	49	22.90	23.17	22.96	24.00	
10		25	0	23.05	23.23	23.03	24.00	
10		25	12	22.93	23.09	22.93	24.00	
10		25	25	22.86	23.02	22.85	24.00	
10		50	0	22.99	23.11	23.01	24.00	
10	16QAM	1	0	22.94	23.17	23.06	24.00	
10		1	25	22.92	23.19	22.99	24.00	
10		1	49	22.87	23.10	23.04	24.00	
10		25	0	22.95	23.04	22.90	24.00	
10		25	12	22.96	23.15	22.90	24.00	
10		25	25	22.98	23.09	23.05	24.00	
10		50	0	22.95	23.18	22.99	24.00	
10	64QAM	1	0	22.94	23.18	22.97	24.00	
10		1	25	22.98	23.14	23.00	24.00	
10		1	49	22.94	23.13	22.99	24.00	
10		25	0	22.90	23.11	22.89	24.00	
10		25	12	22.97	23.12	23.02	24.00	
10		25	25	22.82	23.09	23.00	24.00	
10	256QAM	50	0	22.90	23.07	22.85	24.00	
10		1	0	21.01	21.16	20.85	22.00	
10		1	25	20.86	21.05	20.85	22.00	
10		1	49	20.89	20.99	20.91	22.00	
10		25	0	20.94	21.07	21.03	22.00	
10		25	12	20.94	21.02	20.87	22.00	
10		25	25	20.93	21.14	20.92	22.00	
10		50	0	20.84	21.01	20.85	22.00	
Channel				19975	20175	20375	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5		QPSK	1	0	23.13	23.24	23.12	24.00
5			1	12	22.96	23.13	22.91	24.00
5	1		24	22.95	23.13	22.89	24.00	
5	12		0	22.97	23.19	22.98	24.00	
5	12		7	22.96	23.08	22.90	24.00	
5	12		13	22.90	23.07	22.82	24.00	
5	16QAM	25	0	22.94	23.07	23.04	24.00	
5		1	0	22.92	23.15	23.01	24.00	
5		1	12	22.98	23.13	23.02	24.00	
5		1	24	23.00	23.12	22.97	24.00	
5		12	0	22.91	23.08	22.93	24.00	
5		12	7	23.02	23.16	23.01	24.00	
5	64QAM	12	13	23.00	23.17	23.01	24.00	
5		25	0	23.05	23.13	23.11	24.00	
5		1	0	23.05	23.18	23.03	24.00	
5		1	12	22.94	23.20	23.00	24.00	
5		1	24	22.95	23.09	22.95	24.00	
5		12	0	22.94	23.06	22.93	24.00	
5	256QAM	12	7	22.94	23.07	22.98	24.00	
5		12	13	22.83	23.09	23.00	24.00	
5		25	0	23.01	23.15	22.92	24.00	
5		1	0	20.96	21.07	20.95	22.00	
5		1	12	20.90	20.98	20.87	22.00	
5		1	24	20.89	21.04	20.96	22.00	
5		12	0	20.87	21.11	20.99	22.00	
5		12	7	20.94	21.02	20.82	22.00	
5		12	13	20.91	21.11	20.92	22.00	
5		25	0	20.82	20.99	20.87	22.00	
Channel				19965	20175	20385	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.09	23.24	23.19	24.00	
3		1	8	22.96	23.17	22.94	24.00	
3		1	14	22.90	23.22	22.91	24.00	
3		8	0	22.95	23.17	23.03	24.00	
3		8	4	22.99	23.10	22.85	24.00	
3		8	7	22.80	23.08	22.81	24.00	
3		15	0	22.95	23.04	23.05	24.00	
3		1	0	22.91	23.10	23.03	24.00	
3		1	8	22.99	23.14	22.98	24.00	

3	16QAM	1	14	22.95	23.12	22.93	24.00	
3		8	0	22.98	23.17	22.99	24.00	
3		8	4	22.94	23.13	22.89	24.00	
3		8	7	22.98	23.14	22.97	24.00	
3		15	0	22.96	23.13	23.07	24.00	
3	64QAM	1	0	23.07	23.08	22.99	24.00	
3		1	8	22.92	23.21	23.02	24.00	
3		1	14	22.92	23.12	22.93	24.00	
3		8	0	22.90	23.03	23.02	24.00	
3		8	4	22.97	23.18	23.00	24.00	
3		8	7	22.87	23.08	23.01	24.00	
3		15	0	23.02	23.06	22.89	24.00	
3		256QAM	1	0	20.98	21.13	20.95	22.00
3			1	8	20.83	20.96	20.85	22.00
3			1	14	20.83	20.99	20.93	22.00
3	8		0	20.97	21.03	20.92	22.00	
3	8		4	21.00	21.06	20.85	22.00	
3		8	7	20.93	21.07	20.86	22.00	
3		15	0	20.83	21.07	20.85	22.00	
Channel				19957	20175	20393	Tune-up Limit (dBm)	
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4		QPSK	1	0	23.16	23.20	23.15	24.00
1.4	1		3	23.07	23.14	22.90	24.00	
1.4	1		5	22.88	23.14	23.03	24.00	
1.4	3		0	22.97	23.10	23.05	24.00	
1.4	3		1	22.92	23.07	22.91	24.00	
1.4	3		3	22.87	23.06	22.81	24.00	
1.4	6		0	22.98	23.07	23.03	24.00	
1.4	16QAM	1	0	22.92	23.05	23.07	24.00	
1.4		1	3	22.99	23.09	23.01	24.00	
1.4		1	5	22.94	23.19	22.95	24.00	
1.4		3	0	22.95	23.16	22.88	24.00	
1.4		3	1	23.04	23.15	22.99	24.00	
1.4		3	3	23.05	23.12	23.03	24.00	
1.4		6	0	22.92	23.11	23.01	24.00	
1.4	64QAM	1	0	23.04	23.08	23.02	24.00	
1.4		1	3	22.94	23.15	23.09	24.00	
1.4		1	5	22.90	23.13	22.99	24.00	
1.4		3	0	23.00	23.04	22.93	24.00	
1.4		3	1	22.99	23.15	22.96	24.00	
1.4		3	3	22.84	23.12	23.02	24.00	
1.4		6	0	22.98	23.07	22.88	24.00	
1.4	256QAM	1	0	20.99	21.13	20.84	22.00	
1.4		1	3	20.86	21.01	20.84	22.00	
1.4		1	5	20.88	21.08	20.93	22.00	
1.4		3	0	20.88	21.15	20.91	22.00	
1.4		3	1	20.95	21.08	20.86	22.00	
1.4		3	3	20.88	21.05	20.97	22.00	
1.4		6	0	20.80	21.00	20.83	22.00	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.51	23.59	23.52	24.00
20		1	49	23.36	23.51	23.40	24.00
20		1	99	23.29	23.45	23.26	24.00
20		50	0	23.40	23.52	23.35	24.00
20		50	24	23.33	23.42	23.27	24.00
20		50	50	23.38	23.47	23.37	24.00
20		100	0	23.29	23.45	23.24	24.00
20	16QAM	1	0	23.20	23.35	23.25	24.00
20		1	49	23.22	23.37	23.19	24.00
20		1	99	23.11	23.29	23.12	24.00
20		50	0	23.16	23.32	23.19	24.00
20		50	24	23.17	23.31	23.18	24.00
20		50	50	23.19	23.40	23.23	24.00
20		100	0	23.17	23.40	23.29	24.00
20	64QAM	1	0	23.21	23.37	23.27	24.00
20		1	49	23.33	23.42	23.30	24.00
20		1	99	23.26	23.35	23.26	24.00
20		50	0	23.12	23.35	23.17	24.00
20		50	24	23.11	23.33	23.15	24.00
20		50	50	23.16	23.31	23.14	24.00
20		100	0	23.13	23.30	23.12	24.00
20	256QAM	1	0	21.12	21.21	21.03	22.00
20		1	49	21.10	21.19	20.98	22.00
20		1	99	21.06	21.25	21.05	22.00
20		50	0	21.06	21.23	21.13	22.00
20		50	24	20.90	21.11	20.93	22.00
20		50	50	20.99	21.17	21.08	22.00
20		100	0	21.02	21.14	20.95	22.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.39	23.57	23.40	24.00
15		1	37	23.32	23.39	23.28	24.00
15		1	74	23.21	23.32	23.24	24.00
15		36	0	23.31	23.47	23.25	24.00
15		36	20	23.24	23.40	23.19	24.00
15		36	39	23.35	23.46	23.27	24.00
15		75	0	23.24	23.42	23.20	24.00
15	16QAM	1	0	23.10	23.29	23.23	24.00
15		1	37	23.08	23.32	23.11	24.00
15		1	74	23.00	23.20	22.98	24.00
15		36	0	23.10	23.29	23.17	24.00
15		36	20	23.07	23.21	23.12	24.00
15		36	39	23.08	23.30	23.09	24.00
15		75	0	23.03	23.32	23.15	24.00
15	64QAM	1	0	23.17	23.34	23.16	24.00
15		1	37	23.22	23.37	23.28	24.00
15		1	74	23.18	23.23	23.22	24.00
15		36	0	22.98	23.25	23.12	24.00
15		36	20	23.00	23.18	23.01	24.00
15		36	39	23.07	23.21	23.11	24.00
15		75	0	23.06	23.26	23.00	24.00
15	256QAM	1	0	21.03	21.10	20.90	22.00
15		1	37	21.05	21.11	20.91	22.00
15		1	74	21.04	21.12	21.03	22.00
15		36	0	21.04	21.13	21.10	22.00
15		36	20	20.84	21.10	20.81	22.00
15		36	39	20.97	21.05	20.99	22.00
15		75	0	20.99	21.09	20.87	22.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10		1	0	23.36	23.44	23.38	24.00
10		1	25	23.30	23.45	23.28	24.00

10	QPSK	1	49	23.26	23.42	23.21	24.00
10		25	0	23.35	23.44	23.33	24.00
10		25	12	23.22	23.39	23.25	24.00
10		25	25	23.28	23.44	23.30	24.00
10		50	0	23.21	23.41	23.13	24.00
10	16QAM	1	0	23.11	23.34	23.19	24.00
10		1	25	23.15	23.33	23.15	24.00
10		1	49	23.01	23.27	23.05	24.00
10		25	0	23.02	23.28	23.14	24.00
10		25	12	23.13	23.24	23.10	24.00
10		25	25	23.18	23.27	23.09	24.00
10		50	0	23.07	23.35	23.24	24.00
10		1	0	23.13	23.27	23.12	24.00
10	64QAM	1	25	23.28	23.29	23.21	24.00
10		1	49	23.12	23.33	23.21	24.00
10		25	0	23.04	23.26	23.02	24.00
10		25	12	23.04	23.25	23.05	24.00
10		25	25	23.14	23.16	23.11	24.00
10		50	0	23.08	23.27	23.05	24.00
10		1	0	21.01	21.08	20.88	22.00
10		1	25	20.98	21.16	20.90	22.00
10	256QAM	1	49	21.04	21.13	20.99	22.00
10		25	0	21.04	21.09	20.99	22.00
10		25	12	20.81	21.05	20.81	22.00
10		25	25	20.96	21.06	21.06	22.00
10		50	0	20.96	21.13	20.90	22.00
10		Channel			20775	21100	21425
Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	23.45	23.53	23.39	24.00
5		1	12	23.25	23.39	23.38	24.00
5		1	24	23.14	23.43	23.19	24.00
5		12	0	23.26	23.42	23.32	24.00
5		12	7	23.21	23.35	23.24	24.00
5	16QAM	12	13	23.28	23.38	23.30	24.00
5		25	0	23.22	23.35	23.19	24.00
5		1	0	23.18	23.33	23.15	24.00
5		1	12	23.13	23.34	23.11	24.00
5		1	24	23.03	23.27	23.11	24.00
5		12	0	23.15	23.22	23.10	24.00
5		12	7	23.08	23.25	23.07	24.00
5		12	13	23.09	23.29	23.22	24.00
5	64QAM	25	0	23.05	23.38	23.22	24.00
5		1	0	23.13	23.23	23.23	24.00
5		1	12	23.19	23.28	23.29	24.00
5		1	24	23.25	23.23	23.16	24.00
5		12	0	23.06	23.21	23.15	24.00
5		12	7	23.01	23.19	23.05	24.00
5		12	13	23.07	23.23	23.06	24.00
5		25	0	23.01	23.25	23.01	24.00
5	256QAM	1	0	21.05	21.18	20.91	22.00
5		1	12	21.02	21.11	20.95	22.00
5		1	24	20.94	21.14	21.02	22.00
5		12	0	20.92	21.15	21.07	22.00
5		12	7	20.82	20.98	20.82	22.00
5		12	13	20.93	21.11	20.94	22.00
5		25	0	20.90	21.09	20.85	22.00

<LTE Band 25_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.38	23.40	23.35	24.00	
20		1	49	23.27	23.39	23.19	24.00	
20		1	99	23.30	23.34	23.23	24.00	
20		50	0	22.23	22.38	22.30	24.00	
20		50	24	22.18	22.30	22.20	24.00	
20		50	50	22.19	22.31	22.22	24.00	
20	16QAM	100	0	22.29	22.35	22.18	24.00	
20		1	0	22.18	22.29	22.18	24.00	
20		1	49	22.14	22.29	22.10	24.00	
20		1	99	22.28	22.32	22.14	24.00	
20		50	0	22.22	22.27	22.09	24.00	
20		50	24	22.20	22.26	22.18	24.00	
20	64QAM	50	50	22.25	22.31	22.23	24.00	
20		100	0	22.25	22.34	22.20	24.00	
20		1	0	22.24	22.32	22.22	24.00	
20		1	49	22.16	22.27	22.17	24.00	
20		1	99	22.12	22.26	22.20	24.00	
20		50	0	22.19	22.25	22.16	24.00	
20	256QAM	50	24	22.14	22.30	22.20	24.00	
20		50	50	22.24	22.28	22.17	24.00	
20		100	0	22.15	22.27	22.17	24.00	
20		1	0	22.10	22.18	22.07	23.00	
20		1	49	22.02	22.15	22.08	23.00	
20		1	99	22.07	22.14	21.96	23.00	
20	256QAM	50	0	22.06	22.10	21.98	23.00	
20		50	24	21.99	22.16	22.05	23.00	
20		50	50	21.98	22.10	21.95	23.00	
20		100	0	22.00	22.12	22.06	23.00	
Channel				26115	26340	26615	Tune-up Limit (dBm)	
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.28	23.32	23.26	24.00	
15		1	37	23.13	23.34	23.16	24.00	
15		1	74	23.22	23.33	23.17	24.00	
15		36	0	22.21	22.30	22.21	24.00	
15		36	20	22.13	22.27	22.17	24.00	
15		36	39	22.04	22.20	22.11	24.00	
15	16QAM	75	0	22.22	22.31	22.03	24.00	
15		1	0	22.05	22.24	22.07	24.00	
15		1	37	22.00	22.15	22.01	24.00	
15		1	74	22.19	22.27	22.10	24.00	
15		36	0	22.21	22.18	22.01	24.00	
15		36	20	22.18	22.22	22.07	24.00	
15	64QAM	36	39	22.11	22.26	22.16	24.00	
15		75	0	22.19	22.32	22.17	24.00	
15		1	0	22.22	22.19	22.12	24.00	
15		1	37	22.08	22.20	22.08	24.00	
15		1	74	22.00	22.19	22.07	24.00	
15		36	0	22.14	22.15	22.05	24.00	
15	256QAM	36	20	22.03	22.19	22.11	24.00	
15		36	39	22.10	22.23	22.03	24.00	
15		75	0	22.07	22.16	22.08	24.00	
15		1	0	22.02	22.16	21.92	23.00	
15		1	37	21.95	22.04	22.00	23.00	
15		1	74	21.92	22.05	21.91	23.00	
15	256QAM	36	0	21.95	22.08	21.94	23.00	
15		36	20	21.88	22.01	21.97	23.00	
15		36	39	21.85	22.08	21.82	23.00	
15		75	0	21.96	22.03	22.04	23.00	
Channel				26090	26340	26640	Tune-up Limit (dBm)	
Frequency (MHz)				1855	1880	1910		
10		1	0	23.35	23.34	23.34	24.00	
10		1	25	23.26	23.24	23.07	24.00	

10	QPSK	1	49	23.27	23.31	23.17	24.00	
10		25	0	22.16	22.27	22.21	24.00	
10		25	12	22.10	22.24	22.10	24.00	
10		25	25	22.06	22.16	22.09	24.00	
10		50	0	22.26	22.23	22.06	24.00	
10	16QAM	1	0	22.14	22.22	22.14	24.00	
10		1	25	22.04	22.25	22.01	24.00	
10		1	49	22.24	22.27	22.04	24.00	
10		25	0	22.10	22.24	22.03	24.00	
10		25	12	22.10	22.25	22.10	24.00	
10		25	25	22.11	22.29	22.10	24.00	
10		50	0	22.22	22.27	22.12	24.00	
10	64QAM	1	0	22.15	22.25	22.20	24.00	
10		1	25	22.06	22.13	22.05	24.00	
10		1	49	22.05	22.20	22.07	24.00	
10		25	0	22.11	22.12	22.06	24.00	
10		25	12	22.03	22.28	22.15	24.00	
10		25	25	22.17	22.15	22.11	24.00	
10	256QAM	50	0	22.05	22.12	22.14	24.00	
10		1	0	21.98	22.06	21.93	23.00	
10		1	25	21.96	22.12	22.04	23.00	
10		1	49	21.93	22.12	21.93	23.00	
10		25	0	21.94	22.02	21.95	23.00	
10		25	12	21.94	22.04	21.99	23.00	
10		25	25	21.84	22.03	21.85	23.00	
10		50	0	21.95	21.98	21.98	23.00	
Channel				26065	26340	26665	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1912.5		
5		QPSK	1	0	23.30	23.34	23.32	24.00
5			1	12	23.15	23.38	23.10	24.00
5	1		24	23.18	23.19	23.19	24.00	
5	12		0	22.22	22.27	22.17	24.00	
5	12		7	22.04	22.21	22.15	24.00	
5	12		13	22.14	22.28	22.07	24.00	
5	16QAM	25	0	22.26	22.34	22.14	24.00	
5		1	0	22.06	22.19	22.09	24.00	
5		1	12	22.10	22.23	22.06	24.00	
5		1	24	22.26	22.28	22.12	24.00	
5		12	0	22.17	22.21	22.01	24.00	
5		12	7	22.11	22.19	22.12	24.00	
5		12	13	22.11	22.25	22.15	24.00	
5	64QAM	25	0	22.20	22.26	22.11	24.00	
5		1	0	22.13	22.26	22.17	24.00	
5		1	12	22.02	22.18	22.16	24.00	
5		1	24	22.01	22.25	22.11	24.00	
5		12	0	22.14	22.12	22.12	24.00	
5		12	7	22.08	22.20	22.17	24.00	
5		12	13	22.11	22.15	22.04	24.00	
5		25	0	22.06	22.13	22.05	24.00	
5		256QAM	1	0	22.09	22.10	22.02	23.00
5			1	12	21.93	22.12	22.02	23.00
5	1		24	22.00	22.02	21.81	23.00	
5	12		0	21.97	21.98	21.88	23.00	
5	12		7	21.89	22.12	22.00	23.00	
5	12		13	21.87	22.07	21.87	23.00	
5	25		0	21.86	22.01	22.04	23.00	
Channel				26055	26340	26675	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.28	23.32	23.26	24.00	
3		1	8	23.20	23.28	23.12	24.00	
3		1	14	23.21	23.21	23.12	24.00	
3		8	0	22.10	22.36	22.27	24.00	
3		8	4	22.08	22.23	22.14	24.00	
3		8	7	22.14	22.19	22.13	24.00	
3		15	0	22.25	22.25	22.12	24.00	
3		1	0	22.13	22.26	22.10	24.00	
3		1	8	22.06	22.18	22.03	24.00	

3	16QAM	1	14	22.14	22.17	22.08	24.00
3		8	0	22.19	22.23	22.08	24.00
3		8	4	22.16	22.22	22.14	24.00
3		8	7	22.15	22.29	22.11	24.00
3		15	0	22.11	22.20	22.14	24.00
3	64QAM	1	0	22.20	22.27	22.17	24.00
3		1	8	22.02	22.21	22.11	24.00
3		1	14	22.11	22.19	22.10	24.00
3		8	0	22.08	22.22	22.11	24.00
3		8	4	22.10	22.18	22.08	24.00
3	256QAM	8	7	22.20	22.22	22.07	24.00
3		15	0	22.07	22.18	22.15	24.00
3		1	0	22.03	22.15	21.93	23.00
3		1	8	21.98	22.01	22.05	23.00
3		1	14	22.05	22.01	21.81	23.00
3	256QAM	8	0	22.02	22.07	21.93	23.00
3		8	4	21.92	22.02	21.99	23.00
3		8	7	21.96	21.96	21.89	23.00
3		15	0	21.93	22.10	21.96	23.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.36	23.31	23.21	24.00
1.4		1	3	23.25	23.31	23.04	24.00
1.4		1	5	23.21	23.27	23.12	24.00
1.4		3	0	22.16	22.30	22.28	24.00
1.4		3	1	22.10	22.21	22.13	24.00
1.4		3	3	22.06	22.27	22.16	24.00
1.4		6	0	22.23	22.30	22.05	24.00
1.4	16QAM	1	0	22.07	22.27	22.04	24.00
1.4		1	3	22.06	22.26	22.02	24.00
1.4		1	5	22.20	22.30	22.04	24.00
1.4		3	0	22.19	22.22	22.00	24.00
1.4		3	1	22.09	22.17	22.16	24.00
1.4		3	3	22.15	22.26	22.18	24.00
1.4		6	0	22.13	22.27	22.16	24.00
1.4	64QAM	1	0	22.20	22.26	22.13	24.00
1.4		1	3	22.04	22.16	22.04	24.00
1.4		1	5	22.04	22.16	22.12	24.00
1.4		3	0	22.15	22.12	22.06	24.00
1.4		3	1	22.12	22.17	22.12	24.00
1.4		3	3	22.11	22.19	22.15	24.00
1.4		6	0	22.13	22.24	22.13	24.00
1.4	256QAM	1	0	22.05	22.15	21.97	23.00
1.4		1	3	22.00	22.10	21.94	23.00
1.4		1	5	21.92	22.00	21.92	23.00
1.4		3	0	21.91	22.04	21.97	23.00
1.4		3	1	21.92	22.06	21.93	23.00
1.4		3	3	21.85	22.00	21.84	23.00
1.4		6	0	21.92	22.04	21.97	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		Tune-up Limit (dBm)
Frequency (MHz)					2310		
10	QPSK	1	0		21.85		23.00
10		1	25		21.79		23.00
10		1	49		21.72		23.00
10		25	0		21.72		23.00
10		25	12		21.68		23.00
10		25	25		21.65		23.00
10		50	0		21.66		23.00
10	16QAM	1	0		21.62		23.00
10		1	25		21.63		23.00
10		1	49		21.69		23.00
10		25	0		21.72		23.00
10		25	12		21.64		23.00
10		25	25		21.71		23.00
10	64QAM	50	0		21.72		23.00
10		1	0		21.60		23.00
10		1	25		21.70		23.00
10		1	49		21.62		23.00
10		25	0		21.63		23.00
10		25	12		21.64		23.00
10	256QAM	25	25		21.63		23.00
10		50	0		21.65		23.00
10		1	0		20.71		22.00
10		1	25		20.65		22.00
10		1	49		20.66		22.00
10		25	0		20.70		22.00
10	QPSK	25	12		20.62		22.00
10		25	25		20.63		22.00
10		50	0		20.60		22.00
10		1	0		20.71		22.00
10		1	25		20.65		22.00
10		1	49		20.66		22.00
10	16QAM	25	0		20.70		22.00
10		25	12		20.62		22.00
10		25	25		20.63		22.00
10		50	0		20.60		22.00
10		1	0		20.71		22.00
10		1	25		20.65		22.00
10	64QAM	1	49		20.66		22.00
10		25	0		20.70		22.00
10		25	12		20.62		22.00
10		25	25		20.63		22.00
10		50	0		20.60		22.00
10		1	0		20.71		22.00
10	256QAM	1	25		20.65		22.00
10		1	49		20.66		22.00
10		25	0		20.70		22.00
10		25	12		20.62		22.00
10		25	25		20.63		22.00
10		50	0		20.60		22.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.69	21.72	21.68	23.00
5		1	12	21.54	21.71	21.60	23.00
5		1	24	21.55	21.61	21.48	23.00
5		12	0	21.45	21.57	21.47	23.00
5		12	7	21.45	21.59	21.46	23.00
5		12	13	21.40	21.53	21.42	23.00
5	16QAM	25	0	21.38	21.55	21.48	23.00
5		1	0	21.37	21.54	21.39	23.00
5		1	12	21.35	21.52	21.35	23.00
5		1	24	21.49	21.55	21.44	23.00
5		12	0	21.50	21.59	21.51	23.00
5		12	7	21.47	21.55	21.37	23.00
5	64QAM	12	13	21.41	21.58	21.46	23.00
5		25	0	21.48	21.57	21.43	23.00
5		1	0	21.36	21.47	21.30	23.00
5		1	12	21.51	21.56	21.46	23.00
5		1	24	21.46	21.51	21.43	23.00
5		12	0	21.38	21.48	21.34	23.00
5	256QAM	12	7	21.41	21.56	21.39	23.00
5		12	13	21.47	21.51	21.41	23.00
5		25	0	21.41	21.56	21.51	23.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5	QPSK	12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5	16QAM	1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5	64QAM	1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5	256QAM	1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5	QPSK	25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5	16QAM	12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5	64QAM	12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5	256QAM	12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5	QPSK	1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5	16QAM	1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5	256QAM	1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5	QPSK	25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5	16QAM	12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5	256QAM	12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5	QPSK	12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5	16QAM	1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5	256QAM	1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5		25	0	20.46	20.51	20.41	22.00
5	QPSK	1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5		12	13	20.41	20.55	20.40	22.00
5	16QAM	25	0	20.46	20.51	20.41	22.00
5		1	0	20.47	20.56	20.46	22.00
5		1	12	20.37	20.51	20.37	22.00
5		1	24	20.44	20.50	20.38	22.00
5		12	0	20.48	20.60	20.46	22.00
5		12	7	20.34	20.50	20.34	22.00
5	2						

<LTE Band 66_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.60	23.68	23.65	24.00	
20		1	49	23.42	23.59	23.48	24.00	
20		1	99	23.50	23.61	23.53	24.00	
20		50	0	23.43	23.59	23.50	24.00	
20		50	24	23.37	23.52	23.40	24.00	
20		50	50	23.37	23.55	23.49	24.00	
20	16QAM	100	0	23.41	23.51	23.39	24.00	
20		1	0	23.36	23.50	23.39	24.00	
20		1	49	23.26	23.44	23.34	24.00	
20		1	99	23.36	23.49	23.40	24.00	
20		50	0	23.35	23.51	23.44	24.00	
20		50	24	23.28	23.50	23.39	24.00	
20	64QAM	50	50	23.23	23.44	23.35	24.00	
20		100	0	23.30	23.46	23.39	24.00	
20		1	0	23.26	23.44	23.35	24.00	
20		1	49	23.24	23.46	23.32	24.00	
20		1	99	23.29	23.48	23.32	24.00	
20		50	0	23.37	23.51	23.39	24.00	
20	256QAM	50	24	23.35	23.50	23.35	24.00	
20		50	50	23.29	23.50	23.34	24.00	
20		100	0	23.27	23.47	23.30	24.00	
20		1	0	21.38	21.49	21.38	22.00	
20		1	49	21.31	21.41	21.36	22.00	
20		1	99	21.33	21.46	21.34	22.00	
20	Channel	50	0	21.30	21.42	21.25	22.00	
20		50	24	21.18	21.40	21.31	22.00	
20		50	50	21.25	21.39	21.35	22.00	
20		100	0	21.22	21.43	21.26	22.00	
Channel				132047	132322	132597	Tune-up Limit (dBm)	
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.54	23.62	24.00	
15		1	37	23.35	23.55	23.45	24.00	
15		1	74	23.37	23.53	23.46	24.00	
15		36	0	23.34	23.50	23.46	24.00	
15		36	20	23.27	23.50	23.35	24.00	
15		36	39	23.30	23.43	23.36	24.00	
15	16QAM	75	0	23.32	23.45	23.30	24.00	
15		1	0	23.28	23.44	23.34	24.00	
15		1	37	23.22	23.33	23.31	24.00	
15		1	74	23.32	23.42	23.34	24.00	
15		36	0	23.32	23.39	23.37	24.00	
15		36	20	23.15	23.40	23.34	24.00	
15	64QAM	36	39	23.18	23.34	23.23	24.00	
15		75	0	23.16	23.42	23.25	24.00	
15		1	0	23.12	23.29	23.28	24.00	
15		1	37	23.23	23.39	23.24	24.00	
15		1	74	23.26	23.42	23.19	24.00	
15		36	0	23.25	23.44	23.28	24.00	
15	256QAM	36	20	23.33	23.46	23.32	24.00	
15		36	39	23.16	23.39	23.28	24.00	
15		75	0	23.21	23.40	23.23	24.00	
15		1	0	21.36	21.41	21.30	22.00	
15		1	37	21.23	21.37	21.32	22.00	
15		1	74	21.32	21.42	21.20	22.00	
15	Channel	36	0	21.19	21.29	21.21	22.00	
15		36	20	21.16	21.38	21.18	22.00	
15		36	39	21.19	21.25	21.29	22.00	
15		75	0	21.10	21.33	21.12	22.00	
Channel				132022	132322	132622	Tune-up Limit (dBm)	
Frequency (MHz)				1715	1745	1775		
10		1	0	23.54	23.64	23.59	24.00	
10		1	25	23.37	23.47	23.45	24.00	

10	QPSK	1	49	23.36	23.55	23.42	24.00	
10		25	0	23.32	23.51	23.46	24.00	
10		25	12	23.34	23.47	23.34	24.00	
10		25	25	23.32	23.51	23.39	24.00	
10		50	0	23.32	23.43	23.35	24.00	
10	16QAM	1	0	23.26	23.46	23.33	24.00	
10		1	25	23.13	23.32	23.26	24.00	
10		1	49	23.26	23.46	23.31	24.00	
10		25	0	23.30	23.38	23.36	24.00	
10		25	12	23.20	23.35	23.26	24.00	
10		25	25	23.21	23.35	23.26	24.00	
10		50	0	23.21	23.45	23.36	24.00	
10	64QAM	1	0	23.16	23.39	23.32	24.00	
10		1	25	23.16	23.38	23.28	24.00	
10		1	49	23.15	23.37	23.28	24.00	
10		25	0	23.35	23.42	23.33	24.00	
10		25	12	23.33	23.43	23.26	24.00	
10		25	25	23.18	23.38	23.20	24.00	
10	256QAM	50	0	23.21	23.34	23.24	24.00	
10		1	0	21.33	21.45	21.32	22.00	
10		1	25	21.18	21.33	21.32	22.00	
10		1	49	21.26	21.41	21.20	22.00	
10		25	0	21.27	21.30	21.24	22.00	
10		25	12	21.10	21.27	21.23	22.00	
10		25	25	21.15	21.38	21.33	22.00	
10		50	0	21.15	21.36	21.14	22.00	
Channel				131997	132322	132647	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.51	23.62	23.63	24.00	
5		1	12	23.30	23.50	23.36	24.00	
5		1	24	23.44	23.51	23.52	24.00	
5		12	0	23.40	23.55	23.37	24.00	
5		12	7	23.32	23.44	23.32	24.00	
5		12	13	23.27	23.42	23.37	24.00	
5	16QAM	25	0	23.29	23.38	23.32	24.00	
5		1	0	23.24	23.40	23.37	24.00	
5		1	12	23.20	23.35	23.27	24.00	
5		1	24	23.23	23.41	23.29	24.00	
5		12	0	23.32	23.38	23.29	24.00	
5		12	7	23.19	23.45	23.31	24.00	
5		12	13	23.10	23.33	23.29	24.00	
5	64QAM	25	0	23.24	23.40	23.27	24.00	
5		1	0	23.20	23.31	23.33	24.00	
5		1	12	23.10	23.41	23.18	24.00	
5		1	24	23.20	23.36	23.19	24.00	
5		12	0	23.26	23.44	23.25	24.00	
5		12	7	23.21	23.36	23.30	24.00	
5		12	13	23.14	23.46	23.29	24.00	
5		25	0	23.13	23.46	23.16	24.00	
5		256QAM	1	0	21.36	21.43	21.28	22.00
5			1	12	21.23	21.27	21.28	22.00
5	1		24	21.29	21.41	21.32	22.00	
5	12		0	21.16	21.33	21.15	22.00	
5	12		7	21.09	21.34	21.22	22.00	
5	12		13	21.15	21.25	21.33	22.00	
5		25	0	21.19	21.41	21.13	22.00	
Channel				131987	132322	132657	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.58	23.61	23.62	24.00	
3		1	8	23.34	23.58	23.46	24.00	
3		1	14	23.42	23.56	23.51	24.00	
3		8	0	23.28	23.51	23.42	24.00	
3		8	4	23.24	23.46	23.27	24.00	
3		8	7	23.29	23.40	23.47	24.00	
3		15	0	23.31	23.48	23.33	24.00	
3		1	0	23.31	23.42	23.37	24.00	
3		1	8	23.12	23.40	23.20	24.00	

3	16QAM	1	14	23.33	23.36	23.38	24.00
3		8	0	23.24	23.38	23.34	24.00
3		8	4	23.20	23.40	23.25	24.00
3		8	7	23.18	23.38	23.28	24.00
3		15	0	23.20	23.41	23.29	24.00
3	64QAM	1	0	23.17	23.32	23.33	24.00
3		1	8	23.17	23.38	23.21	24.00
3		1	14	23.19	23.37	23.18	24.00
3		8	0	23.22	23.50	23.35	24.00
3		8	4	23.21	23.43	23.24	24.00
3	256QAM	8	7	23.19	23.42	23.19	24.00
3		15	0	23.17	23.34	23.29	24.00
3		1	0	21.36	21.41	21.37	22.00
3		1	8	21.22	21.38	21.34	22.00
3		1	14	21.29	21.44	21.28	22.00
3	256QAM	8	0	21.27	21.29	21.21	22.00
3		8	4	21.04	21.26	21.25	22.00
3		8	7	21.15	21.30	21.25	22.00
3		15	0	21.10	21.36	21.11	22.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.55	23.59	23.53	24.00
1.4		1	3	23.30	23.56	23.36	24.00
1.4		1	5	23.36	23.54	23.44	24.00
1.4		3	0	23.34	23.47	23.45	24.00
1.4		3	1	23.23	23.42	23.30	24.00
1.4		3	3	23.30	23.46	23.42	24.00
1.4		6	0	23.35	23.47	23.33	24.00
1.4	16QAM	1	0	23.27	23.46	23.28	24.00
1.4		1	3	23.13	23.37	23.21	24.00
1.4		1	5	23.25	23.40	23.27	24.00
1.4		3	0	23.26	23.39	23.37	24.00
1.4		3	1	23.16	23.36	23.25	24.00
1.4		3	3	23.11	23.30	23.21	24.00
1.4		6	0	23.25	23.44	23.34	24.00
1.4	64QAM	1	0	23.22	23.40	23.21	24.00
1.4		1	3	23.18	23.36	23.30	24.00
1.4		1	5	23.26	23.42	23.25	24.00
1.4		3	0	23.33	23.38	23.36	24.00
1.4		3	1	23.30	23.40	23.32	24.00
1.4		3	3	23.22	23.47	23.21	24.00
1.4		6	0	23.24	23.46	23.26	24.00
1.4	256QAM	1	0	21.29	21.39	21.36	22.00
1.4		1	3	21.20	21.32	21.27	22.00
1.4		1	5	21.24	21.35	21.29	22.00
1.4		3	0	21.22	21.35	21.18	22.00
1.4		3	1	21.14	21.33	21.20	22.00
1.4		3	3	21.22	21.29	21.31	22.00
1.4		6	0	21.13	21.34	21.12	22.00

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<LTE Band 41_Ant 8_Laptop>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.35	23.30	23.44	23.33	23.37	25.00
20		1	49	23.21	23.15	23.32	23.07	23.19	25.00
20		1	99	23.14	23.04	23.26	23.02	23.13	25.00
20		50	0	22.27	22.13	22.41	22.29	22.26	24.00
20		50	24	22.13	22.04	22.26	22.11	22.09	24.00
20		50	50	22.12	22.00	22.23	22.00	22.09	24.00
20		100	0	22.11	22.13	22.29	22.17	22.12	24.00
20	16QAM	1	0	22.10	22.01	22.20	22.02	22.09	24.00
20		1	49	22.07	22.04	22.19	22.01	22.02	24.00
20		1	99	22.24	22.10	22.35	22.12	22.14	24.00
20		50	0	21.23	21.22	21.40	21.16	21.22	23.00
20		50	24	21.17	21.11	21.33	21.13	21.18	23.00
20		50	50	21.13	21.06	21.26	21.12	21.17	23.00
20		100	0	21.05	21.01	21.21	21.00	21.03	23.00
20	64QAM	1	0	21.09	21.05	21.29	21.14	21.10	23.00
20		1	49	21.20	21.04	21.30	21.10	21.13	23.00
20		1	99	21.03	21.00	21.24	21.05	21.16	23.00
20		50	0	20.01	20.08	20.21	20.09	20.06	22.00
20		50	24	20.01	20.00	20.16	20.01	20.00	22.00
20		50	50	20.01	20.02	20.20	20.00	20.08	22.00
20		100	0	20.06	20.00	20.20	20.00	20.09	22.00
20	256QAM	1	0	18.07	18.00	18.21	18.11	18.03	20.00
20		1	49	18.15	18.06	18.24	18.04	18.14	20.00
20		1	99	18.13	18.05	18.25	18.11	18.06	20.00
20		50	0	18.00	18.01	18.09	18.00	18.00	20.00
20		50	24	18.03	18.08	18.23	18.05	18.09	20.00
20		50	50	18.06	18.02	18.15	18.00	18.08	20.00
20		100	0	18.08	18.05	18.25	18.13	18.09	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.34	23.27	23.36	23.24	23.24	25.00
15		1	37	23.19	23.11	23.20	23.00	23.07	25.00
15		1	74	23.01	23.00	23.18	23.00	23.11	25.00
15		36	0	22.20	22.02	22.29	22.23	22.12	24.00
15		36	20	22.00	22.02	22.21	22.01	22.04	24.00
15		36	39	22.00	22.00	22.13	22.00	22.00	24.00
15		75	0	22.09	22.09	22.17	22.06	22.00	24.00
15	16QAM	1	0	22.02	22.01	22.10	22.00	22.02	24.00
15		1	37	22.03	22.00	22.15	22.00	22.01	24.00
15		1	74	22.15	22.02	22.32	22.03	22.08	24.00
15		36	0	21.10	21.16	21.38	21.13	21.13	23.00
15		36	20	21.08	21.07	21.30	21.05	21.17	23.00
15		36	39	21.01	21.02	21.15	21.00	21.04	23.00
15		75	0	21.02	21.00	21.07	21.00	21.00	23.00
15	64QAM	1	0	21.06	21.00	21.28	21.02	21.02	23.00
15		1	37	21.15	21.00	21.21	21.03	21.06	23.00
15		1	74	21.00	21.00	21.09	21.01	21.07	23.00
15		36	0	20.00	20.01	20.13	20.07	20.02	22.00
15		36	20	20.00	20.00	20.02	20.01	20.01	22.00
15		36	39	20.00	20.00	20.18	20.00	20.06	22.00
15		75	0	20.00	20.01	20.18	20.00	20.02	22.00
15	256QAM	1	0	18.02	18.00	18.09	18.07	18.00	20.00
15		1	37	18.03	18.03	18.19	18.00	18.02	20.00
15		1	74	18.05	18.00	18.18	18.03	18.01	20.00
15		36	0	18.00	18.02	18.00	18.02	18.00	20.00
15		36	20	18.00	18.01	18.14	18.00	18.00	20.00
15		36	39	18.01	18.00	18.03	18.00	18.01	20.00
15		75	0	18.01	18.04	18.11	18.00	18.05	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.26	23.26	23.33	23.28	23.29	25.00
10		1	25	23.07	23.08	23.23	23.00	23.11	25.00
10		1	49	23.01	23.00	23.17	23.02	23.03	25.00
10		25	0	22.22	22.11	22.36	22.14	22.15	24.00
10		25	12	22.03	22.00	22.21	22.00	22.04	24.00
10		25	25	22.11	22.01	22.12	22.00	22.05	24.00
10		50	0	22.05	22.02	22.23	22.09	22.10	24.00
10	16QAM	1	0	22.07	22.00	22.13	22.00	22.04	24.00
10		1	25	22.00	22.00	22.17	22.01	22.00	24.00
10		1	49	22.13	22.01	22.32	22.00	22.00	24.00
10		25	0	21.17	21.12	21.34	21.15	21.09	23.00
10		25	12	21.14	21.00	21.20	21.00	21.05	23.00
10		25	25	21.10	21.00	21.11	21.10	21.13	23.00
10		50	0	21.03	21.00	21.11	21.00	21.02	23.00

10	64QAM	1	0	21.03	21.02	21.26	21.04	21.09	23.00
10		1	25	21.07	21.00	21.27	21.00	21.08	23.00
10		1	49	21.02	21.01	21.13	21.00	21.02	23.00
10		25	0	20.02	20.01	20.07	20.01	20.01	22.00
10		25	12	20.01	20.01	20.02	20.00	20.01	22.00
10		25	25	20.02	20.01	20.07	20.02	20.04	22.00
10		50	0	20.01	20.00	20.08	20.01	20.01	22.00
10	256QAM	1	0	18.04	18.01	18.14	18.03	18.00	20.00
10		1	25	18.02	18.00	18.10	18.01	18.06	20.00
10		1	49	18.04	18.01	18.13	18.00	18.03	20.00
10		25	0	18.01	18.00	18.07	18.00	18.01	20.00
10		25	12	18.02	18.01	18.13	18.00	18.04	20.00
10		25	25	18.00	18.00	18.14	18.01	18.02	20.00
10		50	0	18.01	18.00	18.18	18.00	18.06	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	23.20	23.27	23.36	23.22	23.30	25.00
5		1	12	23.08	23.08	23.23	23.00	23.05	25.00
5		1	24	23.10	23.01	23.14	23.00	23.07	25.00
5		12	0	22.16	22.00	22.33	22.20	22.11	24.00
5		12	7	22.04	22.01	22.12	22.02	22.06	24.00
5		12	13	22.08	22.00	22.22	22.00	22.01	24.00
5	16QAM	25	0	22.09	22.03	22.17	22.10	22.10	24.00
5		1	0	22.05	22.00	22.12	22.02	22.06	24.00
5		1	12	22.04	22.00	22.11	22.02	22.01	24.00
5		1	24	22.22	22.01	22.27	22.10	22.10	24.00
5		12	0	21.13	21.20	21.35	21.07	21.15	23.00
5		12	7	21.08	21.02	21.23	21.09	21.08	23.00
5	64QAM	12	13	21.00	21.00	21.18	21.01	21.10	23.00
5		25	0	21.01	21.01	21.17	21.01	21.00	23.00
5		1	0	21.00	21.03	21.20	21.05	21.08	23.00
5		1	12	21.09	21.01	21.22	21.05	21.06	23.00
5		1	24	21.00	21.00	21.22	21.00	21.12	23.00
5		12	0	20.00	20.06	20.20	20.05	20.00	22.00
5	256QAM	12	7	20.02	20.00	20.05	20.00	20.01	22.00
5		12	13	20.00	20.00	20.14	20.00	20.01	22.00
5		25	0	20.01	20.02	20.08	20.00	20.03	22.00
5		1	0	18.00	18.01	18.19	18.01	18.00	20.00
5		1	12	18.02	18.00	18.21	18.00	18.12	20.00
5		1	24	18.08	18.00	18.21	18.09	18.01	20.00
5		12	0	18.01	18.00	18.01	18.02	18.00	20.00
5		12	7	18.00	18.01	18.14	18.00	18.02	20.00
5		12	13	18.00	18.00	18.08	18.00	18.03	20.00
5		25	0	18.00	18.03	18.18	18.12	18.08	20.00

FCC									
<LTE Band 41_HPUE_Ant 8_Laptop>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	26.31	26.25	26.39	26.20	26.27	27.00
20		1	49	26.03	26.05	26.23	25.99	26.00	27.00
20		1	99	26.06	25.96	26.24	26.02	26.01	27.00
20		50	0	25.26	25.31	25.47	25.17	25.29	26.00
20		50	24	25.10	25.09	25.33	25.07	25.10	26.00
20		50	50	25.25	25.28	25.46	25.15	25.20	26.00
20		100	0	25.10	25.01	25.25	25.03	25.12	26.00
20	16QAM	1	0	25.09	24.98	25.25	24.92	25.05	26.00
20		1	49	25.08	24.99	25.27	24.99	25.03	26.00
20		1	99	25.04	25.11	25.26	25.07	25.02	26.00
20		50	0	24.10	24.02	24.26	24.05	24.04	25.00
20		50	24	24.08	24.08	24.23	23.99	24.04	25.00
20		50	50	24.23	24.15	24.35	24.12	24.18	25.00
20		100	0	24.11	24.08	24.27	23.96	24.15	25.00
20	64QAM	1	0	24.17	24.15	24.32	24.04	24.14	25.00
20		1	49	24.12	24.01	24.27	24.07	24.14	25.00
20		1	99	24.21	24.04	24.30	24.05	24.10	25.00
20		50	0	23.13	23.18	23.32	23.02	23.19	24.00
20		50	24	23.12	23.03	23.25	22.98	23.00	24.00
20		50	50	23.11	23.10	23.30	23.09	23.08	24.00
20		100	0	23.14	23.19	23.33	23.10	23.12	24.00
20	256QAM	1	0	21.14	21.07	21.29	21.08	21.15	22.00
20		1	49	21.06	20.98	21.19	21.01	20.99	22.00
20		1	99	21.09	21.05	21.19	20.96	21.07	22.00
20		50	0	21.12	21.06	21.26	20.98	21.09	22.00
20		50	24	21.12	21.03	21.25	21.03	21.04	22.00
20		50	50	21.05	21.02	21.16	20.92	20.94	22.00
20		100	0	21.13	21.03	21.22	21.02	21.01	22.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	26.26	26.17	26.38	26.17	26.12	27.00
15		1	37	25.93	26.03	26.19	25.93	25.96	27.00
15		1	74	25.99	25.89	26.12	25.92	25.98	27.00
15		36	0	25.11	25.08	25.33	25.10	25.27	26.00
15		36	20	25.02	24.98	25.24	24.96	24.96	26.00
15		36	39	25.22	25.16	25.39	25.10	25.19	26.00
15		75	0	25.04	24.92	25.15	24.94	25.03	26.00
15	16QAM	1	0	24.97	24.84	25.17	24.87	24.99	26.00
15		1	37	25.03	24.94	25.15	24.88	24.98	26.00
15		1	74	25.02	25.07	25.21	25.01	24.97	26.00
15		36	0	24.05	24.00	24.19	23.95	23.97	25.00
15		36	20	24.00	24.02	24.13	23.86	24.02	25.00
15		36	39	24.15	24.08	24.22	24.01	24.14	25.00
15		75	0	24.06	24.00	24.14	23.85	24.04	25.00
15	64QAM	1	0	24.05	24.03	24.30	24.02	24.07	25.00
15		1	37	24.01	23.87	24.15	24.05	24.10	25.00
15		1	74	24.19	23.91	24.20	24.00	24.01	25.00
15		36	0	22.98	23.15	23.19	22.94	23.15	24.00
15		36	20	23.01	22.99	23.20	22.95	22.99	24.00
15		36	39	22.98	23.07	23.27	23.07	22.96	24.00
15		75	0	22.99	23.15	23.24	22.99	23.03	24.00
15	256QAM	1	0	21.06	21.03	21.15	20.98	21.08	22.00
15		1	37	20.96	20.87	21.09	20.98	20.96	22.00
15		1	74	20.94	20.93	21.17	20.84	21.02	22.00
15		36	0	21.06	21.01	21.14	20.93	21.02	22.00
15		36	20	20.98	20.91	21.20	21.00	20.92	22.00
15		36	39	21.01	20.99	21.13	20.90	20.82	22.00
15		75	0	21.04	20.88	21.14	20.91	20.97	22.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	26.18	26.21	26.37	26.11	26.25	27.00
10		1	25	25.99	25.95	26.11	25.90	25.94	27.00
10		1	49	25.95	25.85	26.13	25.89	25.86	27.00
10		25	0	25.14	25.11	25.40	25.13	25.24	26.00
10		25	12	25.09	25.02	25.31	24.99	24.96	26.00
10		25	25	25.12	25.20	25.40	25.09	25.17	26.00
10		50	0	25.02	24.91	25.14	24.99	25.05	26.00
10	16QAM	1	0	24.99	24.94	25.11	24.79	24.94	26.00
10		1	25	24.98	24.94	25.26	24.88	25.01	26.00
10		1	49	24.96	25.04	25.23	24.97	24.98	26.00
10		25	0	24.02	24.00	24.15	24.01	23.94	25.00
10		25	12	24.00	23.97	24.17	23.91	23.91	25.00
10		25	25	24.19	24.06	24.30	24.09	24.14	25.00
10		50	0	24.08	23.99	24.14	23.85	24.02	25.00

10	64QAM	1	0	24.11	24.11	24.23	23.98	24.10	25.00
10		1	25	24.05	23.89	24.21	23.99	24.12	25.00
10		1	49	24.18	24.01	24.18	23.91	24.05	25.00
10		25	0	23.08	23.12	23.28	22.94	23.13	24.00
10		25	12	23.04	22.96	23.16	22.86	22.87	24.00
10		25	25	22.98	23.05	23.19	23.00	23.01	24.00
10		50	0	23.05	23.12	23.27	23.03	23.00	24.00
10	256QAM	1	0	21.01	20.98	21.19	20.99	21.08	22.00
10		1	25	20.99	20.85	21.18	20.97	20.92	22.00
10		1	49	20.95	21.01	21.04	20.85	21.05	22.00
10		25	0	20.97	21.01	21.18	20.95	21.06	22.00
10		25	12	20.98	20.92	21.20	20.98	20.90	22.00
10		25	25	21.00	20.92	21.02	20.80	20.83	22.00
10		50	0	21.12	20.88	21.21	20.91	20.94	22.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	26.30	26.14	26.38	26.16	26.21	27.00
5		1	12	26.00	26.01	26.15	25.96	25.86	27.00
5		1	24	26.04	25.82	26.23	25.98	25.91	27.00
5		12	0	25.12	25.13	25.42	25.05	25.19	26.00
5		12	7	25.01	24.95	25.31	25.03	25.04	26.00
5		12	13	25.17	25.25	25.36	25.11	25.14	26.00
5		25	0	25.01	24.93	25.10	24.91	25.08	26.00
5	16QAM	1	0	25.08	24.94	25.17	24.88	24.91	26.00
5		1	12	24.99	24.90	25.22	24.85	24.99	26.00
5		1	24	24.91	25.10	25.25	25.00	24.99	26.00
5		12	0	24.08	23.90	24.23	24.03	23.96	25.00
5		12	7	24.07	23.99	24.17	23.92	24.02	25.00
5		12	13	24.20	24.14	24.30	24.05	24.09	25.00
5		25	0	24.06	24.04	24.25	23.83	24.12	25.00
5	64QAM	1	0	24.07	24.13	24.21	23.96	24.00	25.00
5		1	12	23.98	23.99	24.15	23.98	24.12	25.00
5		1	24	24.08	23.90	24.23	23.98	24.08	25.00
5		12	0	23.07	23.15	23.27	22.99	23.12	24.00
5		12	7	23.04	22.98	23.12	22.89	22.89	24.00
5		12	13	23.06	23.02	23.23	22.97	23.02	24.00
5		25	0	23.07	23.12	23.25	23.04	23.05	24.00
5	256QAM	1	0	21.12	21.02	21.22	20.97	21.12	22.00
5		1	12	20.91	20.88	21.08	20.99	20.95	22.00
5		1	24	21.04	21.04	21.07	20.84	20.98	22.00
5		12	0	20.98	21.01	21.12	20.86	21.02	22.00
5		12	7	20.99	20.97	21.13	20.98	20.93	22.00
5		12	13	20.94	20.94	21.10	20.80	20.89	22.00
5		25	0	21.08	20.95	21.21	20.97	20.99	22.00

<LTE Band 48_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.55	20.71	20.62	20.63	22.00	
20		1	49	20.35	20.59	20.40	20.42	22.00	
20		1	99	20.35	20.62	20.45	20.42	22.00	
20		50	0	20.36	20.63	20.39	20.49	22.00	
20		50	24	20.39	20.58	20.44	20.36	22.00	
20		50	50	20.30	20.55	20.31	20.41	22.00	
20		100	0	20.44	20.61	20.45	20.48	22.00	
20		1	0	20.31	20.53	20.35	20.33	22.00	
20	16QAM	1	49	20.32	20.60	20.39	20.49	22.00	
20		1	99	20.38	20.57	20.34	20.41	22.00	
20		50	0	19.36	19.63	19.45	19.51	21.00	
20		50	24	19.46	19.66	19.48	19.52	21.00	
20		50	50	19.41	19.65	19.51	19.44	21.00	
20		100	0	19.37	19.61	19.51	19.45	21.00	
20		1	0	19.29	19.58	19.43	19.45	21.00	
20		1	49	19.38	19.66	19.46	19.48	21.00	
20	64QAM	1	99	19.43	19.63	19.42	19.52	21.00	
20		50	0	18.52	18.70	18.50	18.54	20.00	
20		50	24	18.35	18.62	18.52	18.48	20.00	
20		50	50	18.39	18.65	18.43	18.49	20.00	
20		100	0	18.34	18.62	18.47	18.53	20.00	
20		1	0	16.62	16.77	16.66	16.66	18.00	
20		1	49	16.52	16.70	16.49	16.55	18.00	
20		1	99	16.53	16.69	16.54	16.54	18.00	
20	256QAM	50	0	16.45	16.72	16.63	16.52	18.00	
20		50	24	16.38	16.63	16.49	16.54	18.00	
20		50	50	16.38	16.65	16.43	16.52	18.00	
20		100	0	16.47	16.66	16.50	16.52	18.00	
Channel				55315	55820	56160	56665	Tune-up Limit (dBm)	
Frequency (MHz)				3557.5	3608	3642	3692.5		
15		QPSK	1	0	20.42	20.67	20.49	20.50	22.00
15			1	37	20.25	20.49	20.36	20.29	22.00
15	1		74	20.26	20.50	20.41	20.41	22.00	
15	36		0	20.33	20.50	20.34	20.46	22.00	
15	36		20	20.30	20.54	20.34	20.27	22.00	
15	36		39	20.24	20.46	20.28	20.36	22.00	
15	75		0	20.37	20.53	20.41	20.33	22.00	
15	1		0	20.28	20.40	20.27	20.21	22.00	
15	16QAM	1	37	20.28	20.48	20.34	20.37	22.00	
15		1	74	20.32	20.56	20.32	20.26	22.00	
15		36	0	19.33	19.48	19.33	19.45	21.00	
15		36	20	19.44	19.56	19.36	19.40	21.00	
15		36	39	19.29	19.59	19.42	19.35	21.00	
15		75	0	19.27	19.54	19.45	19.36	21.00	
15		1	0	19.14	19.53	19.36	19.34	21.00	
15		1	37	19.26	19.65	19.33	19.43	21.00	
15	64QAM	1	74	19.40	19.60	19.40	19.42	21.00	
15		36	0	18.40	18.58	18.40	18.52	20.00	
15		36	20	18.31	18.59	18.49	18.40	20.00	
15		36	39	18.35	18.56	18.29	18.35	20.00	
15		75	0	18.30	18.57	18.34	18.48	20.00	
15		1	0	16.55	16.70	16.57	16.59	18.00	
15		1	37	16.47	16.64	16.43	16.43	18.00	
15		1	74	16.38	16.59	16.51	16.51	18.00	
15	256QAM	36	0	16.39	16.70	16.56	16.41	18.00	
15		36	20	16.34	16.54	16.38	16.48	18.00	
15		36	39	16.35	16.64	16.40	16.47	18.00	
15		75	0	16.44	16.60	16.36	16.48	18.00	
Channel				55290	55815	56165	56690	Tune-up Limit (dBm)	
Frequency (MHz)				3555	3607.5	3642.5	3695		
10		QPSK	1	0	20.49	20.57	20.54	20.55	22.00
10			1	25	20.27	20.53	20.36	20.40	22.00
10	1		49	20.33	20.53	20.42	20.28	22.00	
10	25		0	20.25	20.55	20.36	20.41	22.00	
10	25		12	20.33	20.47	20.38	20.24	22.00	
10	25		25	20.25	20.51	20.17	20.38	22.00	
10	50		0	20.32	20.56	20.32	20.42	22.00	
10	1		0	20.19	20.44	20.25	20.22	22.00	
10	16QAM	1	25	20.21	20.49	20.36	20.44	22.00	
10		1	49	20.28	20.48	20.25	20.31	22.00	
10		25	0	19.24	19.62	19.37	19.36	21.00	
10		25	12	19.38	19.58	19.33	19.39	21.00	
10		25	25	19.36	19.59	19.42	19.39	21.00	
10		50	0	19.32	19.54	19.37	19.31	21.00	

10	64QAM	1	0	19.16	19.47	19.36	19.34	21.00
10		1	25	19.33	19.64	19.38	19.41	21.00
10		1	49	19.30	19.57	19.29	19.38	21.00
10		25	0	18.49	18.62	18.40	18.44	20.00
10		25	12	18.21	18.58	18.40	18.37	20.00
10		25	25	18.31	18.61	18.41	18.37	20.00
10		50	0	18.21	18.58	18.37	18.39	20.00
10		256QAM	1	0	16.55	16.74	16.52	16.58
10	1		25	16.38	16.69	16.39	16.43	18.00
10	1		49	16.47	16.64	16.43	16.45	18.00
10	25		0	16.40	16.59	16.61	16.42	18.00
10	25		12	16.34	16.61	16.47	16.44	18.00
10	25		25	16.24	16.59	16.31	16.44	18.00
10	50		0	16.38	16.63	16.36	16.43	18.00
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	20.50	20.70	20.52	20.53	22.00
5		1	12	20.24	20.47	20.39	20.28	22.00
5		1	24	20.25	20.56	20.37	20.28	22.00
5		12	0	20.22	20.55	20.25	20.39	22.00
5		12	7	20.26	20.54	20.39	20.25	22.00
5		12	13	20.27	20.53	20.28	20.37	22.00
5	16QAM	25	0	20.38	20.54	20.43	20.34	22.00
5		1	0	20.22	20.51	20.23	20.18	22.00
5		1	12	20.30	20.47	20.25	20.43	22.00
5		1	24	20.25	20.48	20.31	20.30	22.00
5		12	0	19.27	19.50	19.42	19.45	21.00
5		12	7	19.42	19.60	19.45	19.40	21.00
5	64QAM	12	13	19.31	19.58	19.43	19.29	21.00
5		25	0	19.36	19.58	19.47	19.43	21.00
5		1	0	19.22	19.47	19.35	19.35	21.00
5		1	12	19.35	19.53	19.36	19.36	21.00
5		1	24	19.31	19.60	19.33	19.41	21.00
5		12	0	18.42	18.65	18.45	18.46	20.00
5	256QAM	12	7	18.25	18.56	18.44	18.38	20.00
5		12	13	18.28	18.54	18.34	18.41	20.00
5		25	0	18.32	18.52	18.42	18.44	20.00
5		1	0	16.52	16.63	16.53	16.64	18.00
5		1	12	16.43	16.68	16.43	16.41	18.00
5		1	24	16.45	16.62	16.39	16.51	18.00
5		12	0	16.42	16.61	16.48	16.49	18.00
5		12	7	16.36	16.51	16.41	16.51	18.00
5		12	13	16.27	16.53	16.32	16.40	18.00
5		25	0	16.43	16.56	16.40	16.47	18.00

<LTE Band 2_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.28	16.30	16.25	17.00
20		1	49	16.13	16.22	16.08	17.00
20		1	99	16.18	16.27	16.12	17.00
20		50	0	16.13	16.25	16.09	17.00
20		50	24	16.17	16.21	16.10	17.00
20		50	50	16.05	16.20	16.14	17.00
20		100	0	16.12	16.20	16.12	17.00
20	16QAM	1	0	16.08	16.24	16.05	17.00
20		1	49	15.93	16.08	15.94	17.00
20		1	99	16.01	16.11	15.92	17.00
20		50	0	16.17	16.22	16.14	17.00
20		50	24	16.05	16.09	16.00	17.00
20		50	50	15.98	16.04	15.84	17.00
20		100	0	16.11	16.14	16.03	17.00
20	64QAM	1	0	16.12	16.17	16.02	17.00
20		1	49	16.01	16.05	15.90	17.00
20		1	99	16.06	16.12	15.97	17.00
20		50	0	16.16	16.21	16.04	17.00
20		50	24	16.01	16.08	16.01	17.00
20		50	50	16.04	16.12	15.94	17.00
20		100	0	16.18	16.21	16.12	17.00
20	256QAM	1	0	16.11	16.16	16.00	17.00
20		1	49	16.12	16.17	16.05	17.00
20		1	99	15.88	16.05	15.95	17.00
20		50	0	16.09	16.22	16.11	17.00
20		50	24	16.09	16.17	15.98	17.00
20		50	50	15.96	16.11	16.01	17.00
20		100	0	16.06	16.16	16.09	17.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.26	16.22	16.21	17.00
15		1	37	16.09	16.16	16.03	17.00
15		1	74	16.09	16.24	16.09	17.00
15		36	0	16.10	16.24	16.01	17.00
15		36	20	16.11	16.14	15.95	17.00
15		36	39	15.93	16.11	16.02	17.00
15		75	0	16.04	16.14	16.06	17.00
15	16QAM	1	0	16.01	16.19	15.94	17.00
15		1	37	15.84	15.99	15.85	17.00
15		1	74	15.91	16.00	15.85	17.00
15		36	0	16.11	16.19	16.00	17.00
15		36	20	16.00	16.05	15.91	17.00
15		36	39	15.92	15.93	15.71	17.00
15		75	0	16.08	16.07	15.92	17.00
15	64QAM	1	0	16.04	16.04	15.93	17.00
15		1	37	15.87	15.99	15.81	17.00
15		1	74	16.00	16.10	15.86	17.00
15		36	0	16.08	16.18	15.89	17.00
15		36	20	15.93	15.93	15.90	17.00
15		36	39	16.00	16.04	15.80	17.00
15		75	0	16.09	16.14	15.99	17.00
15	256QAM	1	0	16.02	16.08	15.86	17.00
15		1	37	16.00	16.03	15.91	17.00
15		1	74	15.79	16.03	15.92	17.00
15		36	0	15.94	16.17	15.97	17.00
15		36	20	16.05	16.06	15.92	17.00
15		36	39	15.84	16.05	15.86	17.00
15		75	0	16.05	16.10	15.95	17.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	16.13	16.21	16.11	17.00
10		1	25	16.00	16.09	15.94	17.00

10	QPSK	1	49	16.08	16.23	16.06	17.00	
10		25	0	15.99	16.12	16.00	17.00	
10		25	12	16.06	16.16	16.02	17.00	
10		25	25	15.91	16.11	16.04	17.00	
10		50	0	16.08	16.16	15.99	17.00	
10	16QAM	1	0	15.96	16.13	15.95	17.00	
10		1	25	15.89	16.07	15.90	17.00	
10		1	49	16.00	16.05	15.88	17.00	
10		25	0	16.12	16.18	16.04	17.00	
10		25	12	15.97	15.99	15.96	17.00	
10		25	25	15.94	15.94	15.82	17.00	
10		50	0	16.09	16.04	16.01	17.00	
10	64QAM	1	0	16.11	16.10	15.94	17.00	
10		1	25	15.86	15.94	15.87	17.00	
10		1	49	15.93	16.04	15.92	17.00	
10		25	0	16.14	16.15	15.94	17.00	
10		25	12	15.98	16.03	15.86	17.00	
10		25	25	15.92	16.09	15.92	17.00	
10		50	0	16.06	16.18	16.06	17.00	
10	256QAM	1	0	16.02	16.02	15.96	17.00	
10		1	25	16.02	16.10	15.97	17.00	
10		1	49	15.75	16.02	15.92	17.00	
10		25	0	16.02	16.15	16.04	17.00	
10		25	12	15.99	16.11	15.87	17.00	
10		25	25	15.88	16.03	15.88	17.00	
10		50	0	16.01	16.02	15.97	17.00	
Channel				18625	18900	19175	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.19	16.27	16.17	17.00	
5		1	12	16.10	16.08	16.06	17.00	
5		1	24	16.13	16.23	16.10	17.00	
5		12	0	16.05	16.24	16.07	17.00	
5		12	7	16.06	16.14	16.00	17.00	
5		12	13	16.01	16.18	16.05	17.00	
5	16QAM	25	0	16.02	16.07	16.07	17.00	
5		1	0	16.05	16.13	15.90	17.00	
5		1	12	15.81	16.03	15.80	17.00	
5		1	24	15.93	16.01	15.90	17.00	
5		12	0	16.07	16.10	15.99	17.00	
5		12	7	15.98	16.01	15.86	17.00	
5		12	13	15.89	15.94	15.80	17.00	
5	64QAM	25	0	16.07	16.11	15.95	17.00	
5		1	0	16.07	16.03	15.96	17.00	
5		1	12	15.89	15.91	15.77	17.00	
5		1	24	15.98	16.06	15.82	17.00	
5		12	0	16.06	16.08	15.90	17.00	
5		12	7	15.87	16.05	15.97	17.00	
5		12	13	15.93	15.98	15.92	17.00	
5		25	0	16.10	16.10	15.97	17.00	
5		256QAM	1	0	15.97	16.13	15.96	17.00
5			1	12	16.04	16.15	15.94	17.00
5			1	24	15.78	15.95	15.91	17.00
5			12	0	15.97	16.10	15.96	17.00
5	12		7	15.99	16.09	15.87	17.00	
5	12		13	15.88	16.01	15.97	17.00	
5	25		0	16.02	16.14	16.02	17.00	
Channel				18615	18900	19185	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.21	16.20	16.21	17.00	
3		1	8	16.04	16.21	16.07	17.00	
3		1	14	16.03	16.15	16.00	17.00	
3		8	0	16.07	16.14	16.06	17.00	
3		8	4	16.04	16.16	16.08	17.00	
3		8	7	16.02	16.09	16.11	17.00	
3		15	0	16.06	16.16	16.07	17.00	
3		1	0	16.02	16.15	16.00	17.00	
3		1	8	15.79	15.93	15.92	17.00	

3	16QAM	1	14	15.87	16.02	15.88	17.00
3		8	0	16.15	16.18	16.08	17.00
3		8	4	16.01	16.02	15.98	17.00
3		8	7	15.88	15.90	15.70	17.00
3		15	0	16.07	16.02	16.01	17.00
3	64QAM	1	0	16.07	16.10	15.92	17.00
3		1	8	15.97	15.92	15.89	17.00
3		1	14	15.92	16.05	15.95	17.00
3		8	0	16.07	16.07	15.95	17.00
3		8	4	15.96	16.01	15.93	17.00
3	256QAM	8	7	15.89	16.04	15.91	17.00
3		15	0	16.12	16.07	16.00	17.00
3		1	0	16.02	16.04	15.97	17.00
3		1	8	16.05	16.02	16.00	17.00
3		1	14	15.73	16.02	15.86	17.00
3		8	0	15.96	16.20	15.99	17.00
3		8	4	16.05	16.15	15.93	17.00
3		8	7	15.83	16.06	15.88	17.00
3		15	0	15.97	16.12	16.02	17.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.20	16.17	16.19	17.00
1.4		1	3	16.07	16.15	16.00	17.00
1.4		1	5	16.05	16.16	15.98	17.00
1.4		3	0	16.04	16.18	16.00	17.00
1.4		3	1	16.07	16.18	15.97	17.00
1.4		3	3	15.96	16.14	15.99	17.00
1.4		6	0	16.07	16.18	16.01	17.00
1.4	16QAM	1	0	16.00	16.15	16.01	17.00
1.4		1	3	15.86	15.96	15.91	17.00
1.4		1	5	15.94	16.08	15.86	17.00
1.4		3	0	16.04	16.11	16.01	17.00
1.4		3	1	16.01	16.05	15.91	17.00
1.4		3	3	15.90	15.96	15.78	17.00
1.4		6	0	16.05	16.02	15.93	17.00
1.4	64QAM	1	0	16.08	16.04	15.88	17.00
1.4		1	3	15.97	16.04	15.77	17.00
1.4		1	5	16.02	16.02	15.95	17.00
1.4		3	0	16.14	16.11	15.93	17.00
1.4		3	1	15.90	15.95	15.98	17.00
1.4		3	3	16.02	16.09	15.92	17.00
1.4		6	0	16.12	16.11	16.07	17.00
1.4	256QAM	1	0	16.02	16.07	15.98	17.00
1.4		1	3	16.05	16.11	15.96	17.00
1.4		1	5	15.85	15.91	15.81	17.00
1.4		3	0	15.96	16.20	16.01	17.00
1.4		3	1	16.05	16.06	15.83	17.00
1.4		3	3	15.90	16.07	15.88	17.00
1.4		6	0	15.99	16.03	15.99	17.00

<LTE Band 4_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.10	16.15	16.08	17.00
20		1	49	15.87	16.07	15.92	17.00
20		1	99	16.02	16.14	15.94	17.00
20		50	0	15.98	16.13	15.92	17.00
20		50	24	15.94	16.08	15.93	17.00
20		50	50	15.97	16.11	15.89	17.00
20		100	0	15.90	16.08	15.90	17.00
20	16QAM	1	0	15.96	16.02	15.90	17.00
20		1	49	15.89	16.05	15.84	17.00
20		1	99	15.91	16.06	15.94	17.00
20		50	0	16.03	16.09	15.96	17.00
20		50	24	15.94	16.11	15.97	17.00
20		50	50	15.86	15.99	15.78	17.00
20		100	0	15.96	16.03	15.91	17.00
20	64QAM	1	0	15.91	16.04	15.85	17.00
20		1	49	15.92	16.07	15.92	17.00
20		1	99	15.90	16.03	15.88	17.00
20		50	0	15.93	16.01	15.92	17.00
20		50	24	15.92	16.09	15.90	17.00
20		50	50	15.86	16.02	15.91	17.00
20		100	0	15.88	15.97	15.78	17.00
20	256QAM	1	0	15.83	15.95	15.82	17.00
20		1	49	15.95	16.04	15.82	17.00
20		1	99	15.87	16.03	15.85	17.00
20		50	0	15.86	16.00	15.79	17.00
20		50	24	15.83	16.01	15.83	17.00
20		50	50	15.91	16.06	15.93	17.00
20		100	0	15.96	16.02	15.88	17.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.08	16.04	15.96	17.00
15		1	37	15.78	15.95	15.85	17.00
15		1	74	16.00	16.06	15.86	17.00
15		36	0	15.97	16.09	15.89	17.00
15		36	20	15.85	16.05	15.83	17.00
15		36	39	15.84	16.04	15.78	17.00
15		75	0	15.75	16.02	15.80	17.00
15	16QAM	1	0	15.85	15.90	15.80	17.00
15		1	37	15.82	16.00	15.83	17.00
15		1	74	15.79	16.01	15.82	17.00
15		36	0	16.01	16.04	15.89	17.00
15		36	20	15.82	16.08	15.84	17.00
15		36	39	15.76	15.87	15.63	17.00
15		75	0	15.89	15.89	15.89	17.00
15	64QAM	1	0	15.90	15.93	15.80	17.00
15		1	37	15.86	15.95	15.83	17.00
15		1	74	15.81	15.99	15.84	17.00
15		36	0	15.82	15.94	15.87	17.00
15		36	20	15.78	16.08	15.79	17.00
15		36	39	15.82	16.00	15.76	17.00
15		75	0	15.75	15.91	15.72	17.00
15	256QAM	1	0	15.75	15.90	15.75	17.00
15		1	37	15.84	15.90	15.79	17.00
15		1	74	15.79	16.01	15.78	17.00
15		36	0	15.79	15.94	15.70	17.00
15		36	20	15.70	16.00	15.75	17.00
15		36	39	15.89	15.93	15.87	17.00
15		75	0	15.86	15.89	15.83	17.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10		1	0	16.07	16.13	16.03	17.00
10		1	25	15.81	16.02	15.80	17.00

10	QPSK	1	49	15.94	16.04	15.87	17.00	
10		25	0	15.93	16.06	15.85	17.00	
10		25	12	15.80	16.02	15.85	17.00	
10		25	25	15.85	15.99	15.75	17.00	
10		50	0	15.86	16.01	15.88	17.00	
10	16QAM	1	0	15.83	15.96	15.83	17.00	
10		1	25	15.79	16.01	15.75	17.00	
10		1	49	15.89	15.98	15.90	17.00	
10		25	0	15.88	15.96	15.88	17.00	
10		25	12	15.90	15.99	15.94	17.00	
10		25	25	15.82	15.97	15.68	17.00	
10	64QAM	50	0	15.94	15.89	15.84	17.00	
10		1	0	15.76	15.95	15.71	17.00	
10		1	25	15.90	16.00	15.84	17.00	
10		1	49	15.89	15.89	15.76	17.00	
10		25	0	15.79	15.98	15.86	17.00	
10		25	12	15.90	15.99	15.76	17.00	
10	256QAM	25	25	15.81	15.97	15.85	17.00	
10		50	0	15.87	15.82	15.74	17.00	
10		1	0	15.71	15.88	15.76	17.00	
10		1	25	15.93	16.00	15.79	17.00	
10		1	49	15.85	15.91	15.83	17.00	
10		25	0	15.76	15.85	15.76	17.00	
10	256QAM	25	12	15.68	15.95	15.79	17.00	
10		25	25	15.83	15.96	15.91	17.00	
10		50	0	15.89	15.97	15.83	17.00	
Channel				19975	20175	20375	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5		QPSK	1	0	16.06	16.11	15.95	17.00
5	1		12	15.79	15.99	15.90	17.00	
5	1		24	15.98	16.02	15.92	17.00	
5	12		0	15.89	16.02	15.78	17.00	
5	12		7	15.88	16.04	15.84	17.00	
5	12		13	15.89	15.97	15.76	17.00	
5	16QAM	25	0	15.80	16.02	15.81	17.00	
5		1	0	15.94	15.95	15.85	17.00	
5		1	12	15.76	15.98	15.69	17.00	
5		1	24	15.82	15.93	15.81	17.00	
5		12	0	15.90	16.00	15.83	17.00	
5		12	7	15.84	16.04	15.91	17.00	
5	64QAM	12	13	15.78	15.87	15.64	17.00	
5		25	0	15.84	15.94	15.86	17.00	
5		1	0	15.88	16.00	15.70	17.00	
5		1	12	15.84	15.92	15.90	17.00	
5		1	24	15.76	15.90	15.85	17.00	
5		12	0	15.86	15.88	15.81	17.00	
5	256QAM	12	7	15.88	15.98	15.84	17.00	
5		12	13	15.82	16.00	15.78	17.00	
5		25	0	15.77	15.94	15.69	17.00	
5		1	0	15.82	15.80	15.75	17.00	
5		1	12	15.93	15.91	15.68	17.00	
5		1	24	15.80	16.00	15.71	17.00	
5	256QAM	12	0	15.73	15.85	15.75	17.00	
5		12	7	15.73	15.97	15.76	17.00	
5		12	13	15.82	15.99	15.89	17.00	
5		25	0	15.87	15.91	15.75	17.00	
Channel				19965	20175	20385	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.06	16.02	16.05	17.00	
3		1	8	15.77	15.99	15.86	17.00	
3		1	14	15.95	16.11	15.89	17.00	
3		8	0	15.84	16.11	15.91	17.00	
3		8	4	15.90	15.95	15.85	17.00	
3		8	7	15.95	16.04	15.81	17.00	
3		15	0	15.83	16.04	15.86	17.00	
3	256QAM	1	0	15.86	15.93	15.89	17.00	
3		1	8	15.85	15.91	15.73	17.00	

3	16QAM	1	14	15.82	15.92	15.83	17.00
3		8	0	15.91	15.97	15.83	17.00
3		8	4	15.91	15.98	15.85	17.00
3		8	7	15.80	15.86	15.72	17.00
3		15	0	15.82	15.93	15.81	17.00
3	64QAM	1	0	15.84	15.94	15.73	17.00
3		1	8	15.80	15.98	15.81	17.00
3		1	14	15.78	15.89	15.73	17.00
3		8	0	15.86	16.00	15.90	17.00
3		8	4	15.84	16.08	15.84	17.00
3	256QAM	8	7	15.77	15.95	15.76	17.00
3		15	0	15.87	15.83	15.76	17.00
3		1	0	15.76	15.83	15.70	17.00
3		1	8	15.91	16.02	15.73	17.00
3		1	14	15.84	15.91	15.80	17.00
3		8	0	15.74	15.95	15.73	17.00
3		8	4	15.77	15.96	15.81	17.00
3		8	7	15.77	16.05	15.84	17.00
3		15	0	15.87	15.99	15.82	17.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.07	16.05	16.07	17.00
1.4		1	3	15.82	15.97	15.77	17.00
1.4		1	5	15.99	16.05	15.88	17.00
1.4		3	0	15.89	16.05	15.90	17.00
1.4		3	1	15.85	16.04	15.78	17.00
1.4		3	3	15.96	16.01	15.78	17.00
1.4		6	0	15.88	16.05	15.88	17.00
1.4	16QAM	1	0	15.92	15.96	15.80	17.00
1.4		1	3	15.79	16.04	15.71	17.00
1.4		1	5	15.77	15.93	15.90	17.00
1.4		3	0	15.89	15.98	15.90	17.00
1.4		3	1	15.82	15.98	15.85	17.00
1.4		3	3	15.85	15.90	15.68	17.00
1.4		6	0	15.84	15.89	15.79	17.00
1.4	64QAM	1	0	15.84	15.96	15.72	17.00
1.4		1	3	15.90	15.99	15.89	17.00
1.4		1	5	15.82	15.98	15.79	17.00
1.4		3	0	15.91	15.92	15.86	17.00
1.4		3	1	15.91	16.00	15.84	17.00
1.4		3	3	15.77	15.93	15.80	17.00
1.4		6	0	15.84	15.85	15.74	17.00
1.4	256QAM	1	0	15.78	15.93	15.79	17.00
1.4		1	3	15.88	15.95	15.80	17.00
1.4		1	5	15.76	15.91	15.76	17.00
1.4		3	0	15.81	15.87	15.65	17.00
1.4		3	1	15.78	15.94	15.79	17.00
1.4		3	3	15.87	16.02	15.91	17.00
1.4		6	0	15.90	15.95	15.83	17.00

<LTE Band 5_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.80	18.86	18.83	20.00
10		1	25	18.67	18.83	18.67	20.00
10		1	49	18.63	18.82	18.67	20.00
10		25	0	18.68	18.85	18.71	20.00
10		25	12	18.64	18.81	18.65	20.00
10		25	25	18.62	18.75	18.70	20.00
10		50	0	18.70	18.78	18.62	20.00
10	16QAM	1	0	18.70	18.82	18.77	20.00
10		1	25	18.69	18.80	18.69	20.00
10		1	49	18.64	18.76	18.58	20.00
10		25	0	18.69	18.80	18.70	20.00
10		25	12	18.72	18.84	18.70	20.00
10		25	25	18.65	18.84	18.70	20.00
10		50	0	18.60	18.76	18.68	20.00
10	64QAM	1	0	18.55	18.75	18.67	20.00
10		1	25	18.70	18.84	18.76	20.00
10		1	49	18.67	18.77	18.67	20.00
10		25	0	18.63	18.78	18.65	20.00
10		25	12	18.72	18.82	18.67	20.00
10		25	25	18.77	18.85	18.76	20.00
10		50	0	18.64	18.80	18.74	20.00
10	256QAM	1	0	18.56	18.77	18.62	20.00
10		1	25	18.71	18.80	18.76	20.00
10		1	49	18.66	18.83	18.69	20.00
10		25	0	18.64	18.81	18.73	20.00
10		25	12	18.72	18.84	18.77	20.00
10		25	25	18.69	18.82	18.74	20.00
10		50	0	18.68	18.79	18.75	20.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.73	18.82	18.69	20.00
5		1	12	18.58	18.75	18.58	20.00
5		1	24	18.49	18.75	18.60	20.00
5		12	0	18.59	18.76	18.66	20.00
5		12	7	18.53	18.72	18.64	20.00
5		12	13	18.57	18.69	18.62	20.00
5		25	0	18.68	18.72	18.59	20.00
5	16QAM	1	0	18.60	18.68	18.74	20.00
5		1	12	18.56	18.73	18.62	20.00
5		1	24	18.50	18.64	18.54	20.00
5		12	0	18.56	18.68	18.63	20.00
5		12	7	18.63	18.72	18.62	20.00
5		12	13	18.57	18.72	18.69	20.00
5		25	0	18.47	18.70	18.65	20.00
5	64QAM	1	0	18.45	18.61	18.58	20.00
5		1	12	18.58	18.79	18.75	20.00
5		1	24	18.54	18.72	18.59	20.00
5		12	0	18.55	18.75	18.61	20.00
5		12	7	18.65	18.72	18.63	20.00
5		12	13	18.73	18.77	18.72	20.00
5		25	0	18.55	18.66	18.60	20.00
5	256QAM	1	0	18.52	18.74	18.55	20.00
5		1	12	18.60	18.71	18.66	20.00
5		1	24	18.62	18.69	18.57	20.00
5		12	0	18.61	18.71	18.69	20.00
5		12	7	18.68	18.79	18.64	20.00
5		12	13	18.55	18.68	18.63	20.00
5		25	0	18.58	18.69	18.74	20.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3		1	0	18.78	18.83	18.79	20.00
3		1	8	18.55	18.75	18.64	20.00

3	QPSK	1	14	18.55	18.75	18.55	20.00	
3		8	0	18.65	18.72	18.69	20.00	
3		8	4	18.62	18.71	18.55	20.00	
3		8	7	18.51	18.68	18.57	20.00	
3		15	0	18.56	18.75	18.51	20.00	
3	16QAM	1	0	18.64	18.71	18.74	20.00	
3		1	8	18.62	18.70	18.54	20.00	
3		1	14	18.53	18.62	18.43	20.00	
3		8	0	18.63	18.73	18.67	20.00	
3		8	4	18.65	18.74	18.63	20.00	
3		8	7	18.58	18.78	18.62	20.00	
3	64QAM	15	0	18.50	18.70	18.62	20.00	
3		1	0	18.46	18.61	18.62	20.00	
3		1	8	18.60	18.71	18.74	20.00	
3		1	14	18.57	18.68	18.63	20.00	
3		8	0	18.51	18.73	18.62	20.00	
3		8	4	18.60	18.75	18.63	20.00	
3	256QAM	8	7	18.65	18.80	18.71	20.00	
3		15	0	18.59	18.70	18.64	20.00	
3		1	0	18.50	18.69	18.59	20.00	
3		1	8	18.58	18.68	18.68	20.00	
3		1	14	18.60	18.70	18.60	20.00	
3		8	0	18.58	18.76	18.62	20.00	
3	256QAM	8	4	18.69	18.83	18.65	20.00	
3		8	7	18.54	18.79	18.65	20.00	
3		15	0	18.53	18.69	18.61	20.00	
Channel				20407	20525	20643	Tune-up Limit (dBm)	
Frequency (MHz)				824.7	836.5	848.3		
1.4		QPSK	1	0	18.68	18.85	18.69	20.00
1.4	1		3	18.66	18.68	18.62	20.00	
1.4	1		5	18.54	18.74	18.58	20.00	
1.4	3		0	18.64	18.77	18.56	20.00	
1.4	3		1	18.54	18.67	18.56	20.00	
1.4	3		3	18.59	18.68	18.60	20.00	
1.4	16QAM	6	0	18.61	18.76	18.51	20.00	
1.4		1	0	18.67	18.71	18.65	20.00	
1.4		1	3	18.60	18.73	18.67	20.00	
1.4		1	5	18.50	18.64	18.54	20.00	
1.4		3	0	18.66	18.74	18.58	20.00	
1.4		3	1	18.59	18.73	18.67	20.00	
1.4	64QAM	3	3	18.59	18.82	18.69	20.00	
1.4		6	0	18.46	18.67	18.53	20.00	
1.4		1	0	18.42	18.65	18.65	20.00	
1.4		1	3	18.64	18.75	18.67	20.00	
1.4		1	5	18.59	18.74	18.61	20.00	
1.4		3	0	18.56	18.72	18.58	20.00	
1.4	256QAM	3	1	18.64	18.72	18.65	20.00	
1.4		3	3	18.75	18.78	18.70	20.00	
1.4		6	0	18.54	18.70	18.59	20.00	
1.4		1	0	18.46	18.74	18.56	20.00	
1.4		1	3	18.60	18.78	18.68	20.00	
1.4		1	5	18.58	18.78	18.68	20.00	
1.4	256QAM	3	0	18.50	18.71	18.59	20.00	
1.4		3	1	18.58	18.77	18.65	20.00	
1.4		3	3	18.65	18.78	18.68	20.00	
1.4		6	0	18.58	18.71	18.67	20.00	

<LTE Band 7_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.25	18.31	18.20	19.00
20		1	49	18.15	18.26	18.13	19.00
20		1	99	18.07	18.25	18.01	19.00
20		50	0	18.09	18.27	18.09	19.00
20		50	24	18.03	18.23	18.03	19.00
20		50	50	18.04	18.22	18.01	19.00
20		100	0	17.96	18.13	17.89	19.00
20	16QAM	1	0	18.00	18.19	17.95	19.00
20		1	49	18.07	18.25	18.12	19.00
20		1	99	18.09	18.24	18.02	19.00
20		50	0	18.04	18.17	17.93	19.00
20		50	24	17.94	18.11	17.93	19.00
20		50	50	17.97	18.13	17.90	19.00
20		100	0	18.07	18.21	18.09	19.00
20	64QAM	1	0	17.99	18.16	18.00	19.00
20		1	49	18.10	18.22	18.03	19.00
20		1	99	18.13	18.24	18.12	19.00
20		50	0	18.08	18.19	18.03	19.00
20		50	24	17.95	18.12	17.93	19.00
20		50	50	18.02	18.16	17.92	19.00
20		100	0	18.03	18.14	18.01	19.00
20	256QAM	1	0	18.02	18.13	17.88	19.00
20		1	49	18.13	18.21	18.06	19.00
20		1	99	18.06	18.15	18.02	19.00
20		50	0	18.02	18.23	18.01	19.00
20		50	24	18.04	18.11	17.95	19.00
20		50	50	18.08	18.19	18.05	19.00
20		100	0	18.00	18.09	17.93	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.15	18.25	18.19	19.00
15		1	37	18.05	18.24	18.04	19.00
15		1	74	18.02	18.19	17.98	19.00
15		36	0	17.99	18.22	18.02	19.00
15		36	20	17.89	18.08	18.01	19.00
15		36	39	17.97	18.11	17.88	19.00
15		75	0	17.91	18.05	17.87	19.00
15	16QAM	1	0	17.95	18.08	17.87	19.00
15		1	37	17.94	18.14	17.99	19.00
15		1	74	17.94	18.11	17.90	19.00
15		36	0	17.96	18.13	17.86	19.00
15		36	20	17.83	17.99	17.90	19.00
15		36	39	17.84	18.01	17.78	19.00
15		75	0	18.01	18.15	17.99	19.00
15	64QAM	1	0	17.93	18.04	17.88	19.00
15		1	37	17.98	18.15	17.88	19.00
15		1	74	18.02	18.11	18.11	19.00
15		36	0	17.94	18.17	17.98	19.00
15		36	20	17.94	18.08	17.92	19.00
15		36	39	17.90	18.08	17.90	19.00
15		75	0	17.97	18.05	17.98	19.00
15	256QAM	1	0	17.99	18.02	17.74	19.00
15		1	37	18.07	18.12	18.01	19.00
15		1	74	17.95	18.01	18.01	19.00
15		36	0	18.00	18.11	17.87	19.00
15		36	20	17.92	18.03	17.81	19.00
15		36	39	17.97	18.13	18.00	19.00
15		75	0	17.88	17.95	17.83	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10		1	0	18.10	18.24	18.13	19.00
10		1	25	18.08	18.18	18.06	19.00

10	QPSK	1	49	18.02	18.11	17.96	19.00
10		25	0	17.95	18.14	17.99	19.00
10		25	12	17.88	18.17	17.95	19.00
10		25	25	18.00	18.11	18.00	19.00
10		50	0	17.94	18.01	17.78	19.00
10	16QAM	1	0	17.85	18.18	17.92	19.00
10		1	25	18.04	18.18	18.10	19.00
10		1	49	18.07	18.11	17.89	19.00
10		25	0	17.91	18.08	17.81	19.00
10		25	12	17.81	18.01	17.81	19.00
10		25	25	17.83	18.10	17.78	19.00
10		50	0	18.00	18.11	18.05	19.00
10	64QAM	1	0	17.85	18.06	17.87	19.00
10		1	25	18.08	18.12	17.88	19.00
10		1	49	18.11	18.18	18.07	19.00
10		25	0	18.01	18.10	17.91	19.00
10		25	12	17.88	18.03	17.83	19.00
10		25	25	17.93	18.13	17.79	19.00
10		50	0	17.89	18.00	17.86	19.00
10	256QAM	1	0	17.91	18.01	17.76	19.00
10		1	25	18.11	18.09	18.00	19.00
10		1	49	17.92	18.00	17.95	19.00
10		25	0	17.99	18.12	17.98	19.00
10		25	12	17.90	18.04	17.91	19.00
10		25	25	17.98	18.10	17.97	19.00
10		50	0	17.96	17.95	17.80	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.11	18.19	18.13	19.00
5		1	12	18.11	18.17	18.07	19.00
5		1	24	17.98	18.20	17.86	19.00
5		12	0	17.96	18.17	18.00	19.00
5		12	7	17.96	18.10	17.88	19.00
5		12	13	18.06	18.08	18.00	19.00
5		25	0	17.90	17.99	17.81	19.00
5	16QAM	1	0	17.87	18.17	17.93	19.00
5		1	12	17.94	18.14	18.04	19.00
5		1	24	17.97	18.11	17.97	19.00
5		12	0	17.94	18.12	17.80	19.00
5		12	7	17.79	17.98	17.91	19.00
5		12	13	17.85	18.06	17.86	19.00
5		25	0	17.94	18.10	17.96	19.00
5	64QAM	1	0	17.97	18.04	17.90	19.00
5		1	12	18.03	18.12	17.98	19.00
5		1	24	17.99	18.17	18.00	19.00
5		12	0	18.03	18.17	17.95	19.00
5		12	7	17.86	18.05	17.89	19.00
5		12	13	17.91	18.02	17.81	19.00
5		25	0	17.93	18.12	17.98	19.00
5	256QAM	1	0	17.88	18.07	17.84	19.00
5		1	12	18.02	18.16	18.03	19.00
5		1	24	17.97	18.01	17.97	19.00
5		12	0	17.99	18.19	17.97	19.00
5		12	7	17.95	18.00	17.85	19.00
5		12	13	18.03	18.08	17.91	19.00
5		25	0	17.94	18.00	17.85	19.00

<LTE Band 12_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	19.02	19.23	19.11	20.00
10		1	25	18.92	19.15	18.89	20.00
10		1	49	18.79	19.09	18.94	20.00
10		25	0	18.99	19.22	18.97	20.00
10		25	12	18.95	19.21	19.02	20.00
10		25	25	18.76	19.02	18.81	20.00
10		50	0	18.74	19.08	18.84	20.00
10	16QAM	1	0	18.92	19.16	19.02	20.00
10		1	25	18.84	19.16	18.92	20.00
10		1	49	18.72	19.07	18.88	20.00
10		25	0	18.86	19.11	18.92	20.00
10		25	12	18.82	19.14	18.94	20.00
10		25	25	18.68	19.01	18.76	20.00
10		50	0	18.80	19.07	18.85	20.00
10	64QAM	1	0	18.88	19.11	18.86	20.00
10		1	25	18.86	19.08	18.95	20.00
10		1	49	18.88	19.13	18.90	20.00
10		25	0	18.81	19.17	18.97	20.00
10		25	12	18.87	19.16	18.99	20.00
10		25	25	18.74	19.06	18.87	20.00
10		50	0	18.78	19.09	18.86	20.00
10	256QAM	1	0	18.76	19.02	18.84	20.00
10		1	25	18.80	19.03	18.84	20.00
10		1	49	18.73	19.09	18.92	20.00
10		25	0	18.89	19.11	18.87	20.00
10		25	12	18.76	19.03	18.85	20.00
10		25	25	18.79	19.08	18.86	20.00
10		50	0	18.74	19.03	18.78	20.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	18.91	19.10	19.04	20.00
5		1	12	18.88	19.02	18.81	20.00
5		1	24	18.65	18.98	18.82	20.00
5		12	0	18.95	19.16	18.95	20.00
5		12	7	18.83	19.09	19.00	20.00
5		12	13	18.72	18.97	18.73	20.00
5		25	0	18.73	19.00	18.69	20.00
5	16QAM	1	0	18.88	19.07	18.95	20.00
5		1	12	18.69	19.11	18.83	20.00
5		1	24	18.62	19.05	18.80	20.00
5		12	0	18.77	19.06	18.90	20.00
5		12	7	18.72	19.10	18.86	20.00
5		12	13	18.57	18.90	18.67	20.00
5		25	0	18.76	19.05	18.78	20.00
5	64QAM	1	0	18.78	19.04	18.81	20.00
5		1	12	18.81	19.03	18.85	20.00
5		1	24	18.74	19.05	18.87	20.00
5		12	0	18.77	19.10	18.94	20.00
5		12	7	18.79	19.10	18.92	20.00
5		12	13	18.72	18.92	18.73	20.00
5		25	0	18.70	18.98	18.80	20.00
5	256QAM	1	0	18.64	19.01	18.76	20.00
5		1	12	18.75	18.93	18.78	20.00
5		1	24	18.72	19.04	18.79	20.00
5		12	0	18.82	19.09	18.85	20.00
5		12	7	18.65	18.90	18.72	20.00
5		12	13	18.70	18.94	18.76	20.00
5		25	0	18.73	18.93	18.69	20.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3		1	0	18.96	19.17	19.06	20.00
3		1	8	18.83	19.06	18.87	20.00

3	QPSK	1	14	18.65	19.07	18.83	20.00	
3		8	0	18.95	19.19	18.92	20.00	
3		8	4	18.85	19.11	18.98	20.00	
3		8	7	18.68	18.96	18.73	20.00	
3		15	0	18.60	18.99	18.79	20.00	
3	16QAM	1	0	18.83	19.13	18.97	20.00	
3		1	8	18.78	19.01	18.90	20.00	
3		1	14	18.70	19.06	18.82	20.00	
3		8	0	18.77	19.10	18.83	20.00	
3		8	4	18.80	19.10	18.89	20.00	
3		8	7	18.62	18.90	18.62	20.00	
3	64QAM	15	0	18.77	19.05	18.74	20.00	
3		1	0	18.86	19.01	18.73	20.00	
3		1	8	18.82	19.07	18.84	20.00	
3		1	14	18.79	19.02	18.77	20.00	
3		8	0	18.69	19.15	18.89	20.00	
3		8	4	18.83	19.08	18.98	20.00	
3	256QAM	8	7	18.72	18.92	18.74	20.00	
3		15	0	18.72	18.94	18.79	20.00	
3		1	0	18.62	18.98	18.79	20.00	
3		1	8	18.78	18.93	18.82	20.00	
3		1	14	18.60	18.98	18.85	20.00	
3		8	0	18.82	18.99	18.81	20.00	
3	256QAM	8	4	18.63	18.98	18.83	20.00	
3		8	7	18.77	18.95	18.74	20.00	
3		15	0	18.61	18.92	18.64	20.00	
Channel				23017	23095	23173	Tune-up Limit (dBm)	
Frequency (MHz)				699.7	707.5	715.3		
1.4		QPSK	1	0	18.92	19.19	18.98	20.00
1.4	1		3	18.80	19.02	18.86	20.00	
1.4	1		5	18.64	19.06	18.91	20.00	
1.4	3		0	18.85	19.18	18.84	20.00	
1.4	3		1	18.89	19.14	18.93	20.00	
1.4	3		3	18.74	18.89	18.76	20.00	
1.4	16QAM	6	0	18.71	19.06	18.76	20.00	
1.4		1	0	18.80	19.07	18.91	20.00	
1.4		1	3	18.78	19.08	18.88	20.00	
1.4		1	5	18.58	18.95	18.84	20.00	
1.4		3	0	18.80	19.07	18.86	20.00	
1.4		3	1	18.72	19.03	18.80	20.00	
1.4	64QAM	3	3	18.54	18.95	18.63	20.00	
1.4		6	0	18.77	18.96	18.77	20.00	
1.4		1	0	18.78	19.03	18.81	20.00	
1.4		1	3	18.80	19.06	18.88	20.00	
1.4		1	5	18.79	19.00	18.87	20.00	
1.4		3	0	18.77	19.11	18.88	20.00	
1.4	256QAM	3	1	18.77	19.09	18.92	20.00	
1.4		3	3	18.71	18.98	18.73	20.00	
1.4		6	0	18.74	18.95	18.80	20.00	
1.4		1	0	18.72	18.97	18.82	20.00	
1.4		1	3	18.72	18.97	18.75	20.00	
1.4		1	5	18.72	18.99	18.83	20.00	
1.4	256QAM	3	0	18.74	19.06	18.73	20.00	
1.4		3	1	18.73	19.02	18.81	20.00	
1.4		3	3	18.73	19.00	18.85	20.00	
1.4		6	0	18.64	18.97	18.66	20.00	

<LTE Band 13_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		Tune-up Limit (dBm)
Frequency (MHz)					782		
10	QPSK	1	0		19.12		20.00
10		1	25		19.01		20.00
10		1	49		19.11		20.00
10		25	0		19.10		20.00
10		25	12		19.02		20.00
10		25	25		19.05		20.00
10	16QAM	50	0		19.07		20.00
10		1	0		18.96		20.00
10		1	25		18.93		20.00
10		1	49		18.99		20.00
10		25	0		19.01		20.00
10		25	12		18.96		20.00
10	64QAM	25	25		19.04		20.00
10		50	0		19.03		20.00
10		1	0		19.07		20.00
10		1	25		18.97		20.00
10		1	49		18.95		20.00
10		25	0		18.96		20.00
10	256QAM	25	12		19.01		20.00
10		25	25		19.03		20.00
10		50	0		18.97		20.00
10		1	0		18.93		20.00
10		1	25		19.02		20.00
10		1	49		19.03		20.00
10	QPSK	25	0		18.96		20.00
10		25	12		18.91		20.00
10		25	25		18.99		20.00
10		50	0		18.97		20.00
10		1	0		18.93		20.00
10		1	25		19.02		20.00
10	16QAM	1	49		19.03		20.00
10		25	0		18.96		20.00
10		25	12		18.91		20.00
10		25	25		18.99		20.00
10		50	0		18.97		20.00
10		1	0		18.93		20.00
10	64QAM	1	25		19.02		20.00
10		1	49		19.03		20.00
10		25	0		18.96		20.00
10		25	12		18.91		20.00
10		25	25		18.99		20.00
10		50	0		18.97		20.00
10	QPSK	1	0		19.02		20.00
10		1	12		18.87		20.00
10		1	24		18.70		20.00
10		12	0		18.87		20.00
10		12	7		18.80		20.00
10		12	13		18.70		20.00
10	16QAM	25	0		18.81		20.00
10		1	0		18.84		20.00
10		1	12		18.68		20.00
10		1	24		18.73		20.00
10		12	0		18.79		20.00
10		12	7		18.79		20.00
10	64QAM	12	13		18.72		20.00
10		25	0		18.76		20.00
10		1	0		18.80		20.00
10		1	12		18.83		20.00
10		1	24		18.75		20.00
10		12	0		18.67		20.00
10	256QAM	12	7		18.73		20.00
10		12	13		18.74		20.00
10		25	0		18.74		20.00
10		1	0		18.71		20.00
10		1	12		18.73		20.00
10		1	24		18.75		20.00
10	QPSK	12	0		18.71		20.00
10		12	7		18.73		20.00
10		12	13		18.61		20.00
10		25	0		18.78		20.00
10		12	13		18.73		20.00
10		25	0		18.78		20.00

<LTE Band 14_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		19.13		20.00	
10		1	25		19.11		20.00	
10		1	49		19.05		20.00	
10		25	0		19.09		20.00	
10		25	12		19.01		20.00	
10		25	25		19.05		20.00	
10	16QAM	50	0		19.07		20.00	
10		1	0		18.92		20.00	
10		1	25		18.89		20.00	
10		1	49		19.02		20.00	
10		25	0		18.98		20.00	
10		25	12		18.96		20.00	
10	64QAM	25	25		19.04		20.00	
10		50	0		19.03		20.00	
10		1	0		19.08		20.00	
10		1	25		18.93		20.00	
10		1	49		18.94		20.00	
10		25	0		18.94		20.00	
10	256QAM	25	12		18.98		20.00	
10		25	25		19.02		20.00	
10		50	0		18.94		20.00	
10		1	0		18.94		20.00	
10		1	25		19.02		20.00	
10		1	49		19.05		20.00	
10	QPSK	25	0		18.92		20.00	
10		25	12		18.92		20.00	
10		25	25		18.95		20.00	
10		50	0		18.96		20.00	
Channel				23305	23330	23355	Tune-up Limit (dBm)	
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	19.02	19.06	19.07	20.00	
5		1	12	18.87	19.00	18.98	20.00	
5		1	24	18.89	18.97	18.97	20.00	
5		12	0	18.82	18.96	18.92	20.00	
5		12	7	18.85	18.94	18.80	20.00	
5		12	13	18.81	18.91	18.81	20.00	
5	16QAM	25	0	18.82	18.90	18.85	20.00	
5		1	0	18.78	18.95	18.94	20.00	
5		1	12	18.73	18.78	18.72	20.00	
5		1	24	18.62	18.78	18.68	20.00	
5		12	0	18.71	18.87	18.85	20.00	
5		12	7	18.74	18.89	18.76	20.00	
5	64QAM	12	13	18.69	18.82	18.80	20.00	
5		25	0	18.74	18.92	18.88	20.00	
5		1	0	18.71	18.88	18.84	20.00	
5		1	12	18.87	19.00	18.91	20.00	
5		1	24	18.77	18.83	18.73	20.00	
5		12	0	18.71	18.80	18.78	20.00	
5	256QAM	12	7	18.80	18.85	18.75	20.00	
5		12	13	18.84	18.90	18.88	20.00	
5		25	0	18.84	18.91	18.80	20.00	
5		1	0	18.72	18.85	18.71	20.00	
5		1	12	18.77	18.85	18.81	20.00	
5		1	24	18.85	18.91	18.81	20.00	
5	QPSK	12	0	18.77	18.94	18.88	20.00	
5		12	7	18.67	18.79	18.72	20.00	
5		12	13	18.73	18.78	18.65	20.00	
5		25	0	18.75	18.87	18.79	20.00	

<LTE Band 17_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	18.89	19.10	19.00	20.00	
10		1	25	18.80	19.04	18.76	20.00	
10		1	49	18.71	18.98	18.81	20.00	
10		25	0	18.84	19.09	18.89	20.00	
10		25	12	18.81	19.08	18.87	20.00	
10		25	25	18.62	18.90	18.66	20.00	
10	16QAM	50	0	18.61	18.98	18.73	20.00	
10		1	0	18.82	19.02	18.88	20.00	
10		1	25	18.71	19.06	18.82	20.00	
10		1	49	18.62	18.94	18.78	20.00	
10		25	0	18.74	18.96	18.82	20.00	
10		25	12	18.69	18.98	18.85	20.00	
10	64QAM	25	25	18.57	18.87	18.66	20.00	
10		50	0	18.71	18.94	18.76	20.00	
10		1	0	18.79	18.95	18.76	20.00	
10		1	25	18.77	18.95	18.82	20.00	
10		1	49	18.74	19.02	18.75	20.00	
10		25	0	18.72	19.05	18.86	20.00	
10	256QAM	25	12	18.77	19.04	18.88	20.00	
10		25	25	18.63	18.91	18.72	20.00	
10		50	0	18.66	18.94	18.74	20.00	
10		1	0	18.61	18.87	18.68	20.00	
10		1	25	18.70	18.94	18.69	20.00	
10		1	49	18.65	18.97	18.77	20.00	
10		25	0	18.74	19.01	18.74	20.00	
10		25	12	18.65	18.95	18.70	20.00	
10		25	25	18.66	18.94	18.74	20.00	
10		50	0	18.65	18.94	18.70	20.00	
Channel				23755	23790	23825	Tune-up Limit (dBm)	
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	18.84	19.01	18.96	20.00	
5		1	12	18.77	18.98	18.65	20.00	
5		1	24	18.60	18.96	18.72	20.00	
5		12	0	18.76	19.05	18.87	20.00	
5		12	7	18.76	18.95	18.77	20.00	
5		12	13	18.49	18.83	18.53	20.00	
5	16QAM	25	0	18.59	18.87	18.71	20.00	
5		1	0	18.80	18.95	18.87	20.00	
5		1	12	18.59	18.99	18.76	20.00	
5		1	24	18.53	18.85	18.73	20.00	
5		12	0	18.65	18.87	18.71	20.00	
5		12	7	18.59	18.87	18.80	20.00	
5	64QAM	12	13	18.56	18.84	18.54	20.00	
5		25	0	18.57	18.90	18.62	20.00	
5		1	0	18.74	18.82	18.74	20.00	
5		1	12	18.71	18.85	18.76	20.00	
5		1	24	18.72	18.90	18.72	20.00	
5		12	0	18.61	18.90	18.77	20.00	
5	256QAM	12	7	18.66	18.99	18.74	20.00	
5		12	13	18.62	18.76	18.61	20.00	
5		25	0	18.51	18.80	18.60	20.00	
5		1	0	18.54	18.82	18.66	20.00	
5		1	12	18.56	18.91	18.62	20.00	
5		1	24	18.63	18.84	18.68	20.00	
5		12	0	18.63	18.96	18.64	20.00	
5		12	7	18.57	18.82	18.60	20.00	
5		12	13	18.53	18.84	18.66	20.00	
5		25	0	18.57	18.93	18.68	20.00	

<LTE Band 25_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.13	16.28	16.19	17.00
20		1	49	15.96	16.21	16.02	17.00
20		1	99	15.89	16.15	16.04	17.00
20		50	0	15.92	16.21	16.01	17.00
20		50	24	15.95	16.15	15.96	17.00
20		50	50	15.93	16.10	15.86	17.00
20		100	0	15.94	16.16	16.02	17.00
20	16QAM	1	0	15.88	16.14	15.96	17.00
20		1	49	15.87	16.14	15.91	17.00
20		1	99	15.88	16.09	15.90	17.00
20		50	0	15.96	16.13	15.90	17.00
20		50	24	15.80	16.07	15.97	17.00
20		50	50	15.91	16.18	15.96	17.00
20		100	0	15.81	16.07	15.97	17.00
20	64QAM	1	0	15.82	16.11	15.94	17.00
20		1	49	15.86	16.13	15.95	17.00
20		1	99	15.82	16.09	15.86	17.00
20		50	0	15.90	16.08	15.96	17.00
20		50	24	15.91	16.12	15.95	17.00
20		50	50	15.85	16.08	15.92	17.00
20		100	0	15.86	16.09	15.88	17.00
20	256QAM	1	0	15.84	16.13	16.01	17.00
20		1	49	15.96	16.15	15.94	17.00
20		1	99	15.87	16.07	15.92	17.00
20		50	0	15.86	16.13	15.91	17.00
20		50	24	15.84	16.08	15.89	17.00
20		50	50	15.85	16.07	15.85	17.00
20		100	0	15.89	16.05	15.88	17.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.07	16.14	16.05	17.00
15		1	37	15.81	16.12	15.95	17.00
15		1	74	15.80	16.01	16.00	17.00
15		36	0	15.89	16.09	15.93	17.00
15		36	20	15.92	16.09	15.88	17.00
15		36	39	15.82	15.96	15.83	17.00
15		75	0	15.90	16.01	15.99	17.00
15	16QAM	1	0	15.80	16.08	15.88	17.00
15		1	37	15.79	16.05	15.84	17.00
15		1	74	15.85	16.03	15.80	17.00
15		36	0	15.82	16.11	15.85	17.00
15		36	20	15.78	16.00	15.91	17.00
15		36	39	15.85	16.09	15.86	17.00
15		75	0	15.76	16.05	15.83	17.00
15	64QAM	1	0	15.72	16.01	15.83	17.00
15		1	37	15.77	16.04	15.83	17.00
15		1	74	15.81	16.01	15.84	17.00
15		36	0	15.75	15.96	15.85	17.00
15		36	20	15.85	16.01	15.89	17.00
15		36	39	15.73	16.03	15.81	17.00
15		75	0	15.79	16.06	15.77	17.00
15	256QAM	1	0	15.78	16.02	15.90	17.00
15		1	37	15.88	16.03	15.87	17.00
15		1	74	15.79	16.04	15.84	17.00
15		36	0	15.83	16.06	15.82	17.00
15		36	20	15.79	16.01	15.76	17.00
15		36	39	15.79	15.98	15.73	17.00
15		75	0	15.78	16.02	15.86	17.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10		1	0	16.03	16.23	16.04	17.00
10		1	25	15.87	16.10	15.95	17.00

10	QPSK	1	49	15.79	16.08	16.02	17.00	
10		25	0	15.85	16.09	16.00	17.00	
10		25	12	15.84	16.03	15.86	17.00	
10		25	25	15.79	15.96	15.71	17.00	
10		50	0	15.83	16.02	15.92	17.00	
10	16QAM	1	0	15.86	16.07	15.87	17.00	
10		1	25	15.78	16.07	15.82	17.00	
10		1	49	15.85	15.94	15.83	17.00	
10		25	0	15.84	16.08	15.85	17.00	
10		25	12	15.76	16.05	15.93	17.00	
10		25	25	15.80	16.05	15.82	17.00	
10		50	0	15.77	16.05	15.85	17.00	
10	64QAM	1	0	15.73	16.07	15.92	17.00	
10		1	25	15.72	16.10	15.91	17.00	
10		1	49	15.68	15.98	15.77	17.00	
10		25	0	15.76	16.05	15.84	17.00	
10		25	12	15.89	15.98	15.91	17.00	
10		25	25	15.78	16.03	15.90	17.00	
10		50	0	15.73	16.08	15.84	17.00	
10	256QAM	1	0	15.73	16.10	15.88	17.00	
10		1	25	15.85	16.10	15.86	17.00	
10		1	49	15.74	16.00	15.91	17.00	
10		25	0	15.82	16.06	15.86	17.00	
10		25	12	15.80	15.96	15.74	17.00	
10		25	25	15.71	15.93	15.82	17.00	
10		50	0	15.87	15.91	15.74	17.00	
Channel				26065	26340	26665	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.02	16.26	16.08	17.00	
5		1	12	15.86	16.11	15.93	17.00	
5		1	24	15.79	16.06	16.01	17.00	
5		12	0	15.80	16.08	15.97	17.00	
5		12	7	15.81	16.01	15.85	17.00	
5		12	13	15.78	16.08	15.82	17.00	
5	16QAM	25	0	15.86	16.08	15.92	17.00	
5		1	0	15.80	16.02	15.91	17.00	
5		1	12	15.77	16.06	15.81	17.00	
5		1	24	15.74	16.03	15.75	17.00	
5		12	0	15.85	16.05	15.79	17.00	
5		12	7	15.70	15.96	15.89	17.00	
5		12	13	15.87	16.13	15.94	17.00	
5	64QAM	25	0	15.79	15.97	15.87	17.00	
5		1	0	15.70	16.09	15.90	17.00	
5		1	12	15.73	16.10	15.88	17.00	
5		1	24	15.75	15.97	15.75	17.00	
5		12	0	15.77	15.93	15.90	17.00	
5		12	7	15.80	16.10	15.92	17.00	
5		12	13	15.83	15.95	15.90	17.00	
5		25	0	15.74	15.98	15.85	17.00	
5		256QAM	1	0	15.75	15.99	15.99	17.00
5			1	12	15.91	16.09	15.85	17.00
5			1	24	15.73	16.04	15.86	17.00
5			12	0	15.82	16.00	15.79	17.00
5			12	7	15.69	15.96	15.79	17.00
5			12	13	15.82	16.04	15.75	17.00
5	25		0	15.85	15.91	15.75	17.00	
Channel				26055	26340	26675	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.09	16.25	16.12	17.00	
3		1	8	15.95	16.12	15.98	17.00	
3		1	14	15.84	16.07	15.99	17.00	
3		8	0	15.81	16.13	15.92	17.00	
3		8	4	15.92	16.12	15.83	17.00	
3		8	7	15.89	16.01	15.75	17.00	
3		15	0	15.79	16.08	15.99	17.00	
3		1	0	15.85	16.05	15.90	17.00	
3		1	8	15.81	16.11	15.87	17.00	

3	16QAM	1	14	15.81	15.99	15.82	17.00
3		8	0	15.93	16.00	15.79	17.00
3		8	4	15.77	15.97	15.87	17.00
3		8	7	15.86	16.03	15.82	17.00
3		15	0	15.78	16.05	15.88	17.00
3	64QAM	1	0	15.77	16.09	15.86	17.00
3		1	8	15.73	16.10	15.90	17.00
3		1	14	15.80	16.05	15.72	17.00
3		8	0	15.78	15.99	15.93	17.00
3		8	4	15.77	15.99	15.83	17.00
3		8	7	15.74	16.06	15.80	17.00
3		15	0	15.74	16.03	15.82	17.00
3	256QAM	1	0	15.72	16.05	15.96	17.00
3		1	8	15.87	16.01	15.82	17.00
3		1	14	15.77	15.92	15.84	17.00
3		8	0	15.77	16.03	15.83	17.00
3		8	4	15.82	16.06	15.78	17.00
3		8	7	15.72	16.00	15.82	17.00
3		15	0	15.77	15.96	15.80	17.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	15.98	16.24	16.13	17.00
1.4		1	3	15.92	16.10	15.94	17.00
1.4		1	5	15.81	16.10	15.92	17.00
1.4		3	0	15.83	16.11	15.91	17.00
1.4		3	1	15.89	16.13	15.94	17.00
1.4		3	3	15.88	16.08	15.71	17.00
1.4		6	0	15.92	16.04	15.92	17.00
1.4	16QAM	1	0	15.75	16.02	15.91	17.00
1.4		1	3	15.81	16.01	15.86	17.00
1.4		1	5	15.75	16.04	15.80	17.00
1.4		3	0	15.90	16.06	15.80	17.00
1.4		3	1	15.69	15.94	15.83	17.00
1.4		3	3	15.86	16.08	15.92	17.00
1.4		6	0	15.79	16.02	15.84	17.00
1.4	64QAM	1	0	15.67	16.09	15.90	17.00
1.4		1	3	15.74	16.07	15.93	17.00
1.4		1	5	15.73	15.94	15.82	17.00
1.4		3	0	15.84	15.95	15.85	17.00
1.4		3	1	15.78	16.05	15.82	17.00
1.4		3	3	15.78	15.94	15.82	17.00
1.4		6	0	15.72	16.03	15.73	17.00
1.4	256QAM	1	0	10.76	11.01	10.89	12.00
1.4		1	3	10.90	11.04	10.89	12.00
1.4		1	5	10.75	10.96	10.86	12.00
1.4		3	0	10.74	11.08	10.81	12.00
1.4		3	1	10.82	11.07	10.84	12.00
1.4		3	3	10.70	11.05	10.72	12.00
1.4		6	0	10.81	10.96	10.82	12.00

FCC		<LTE Band 26_Ant 5_Tablet>					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	18.97	19.03	19.00	20.00
15		1	37	18.86	19.01	18.91	20.00
15		1	74	18.81	18.90	18.77	20.00
15		36	0	18.77	18.96	18.91	20.00
15		36	20	18.78	18.92	18.79	20.00
15		36	39	18.78	18.92	18.79	20.00
15		75	0	18.84	18.91	18.79	20.00
15	16QAM	1	0	18.82	18.95	18.78	20.00
15		1	37	18.80	18.93	18.75	20.00
15		1	74	18.81	18.89	18.73	20.00
15		36	0	18.83	18.92	18.79	20.00
15		36	20	18.79	18.87	18.79	20.00
15		36	39	18.73	18.86	18.72	20.00
15		75	0	18.79	18.90	18.77	20.00
15	64QAM	1	0	18.78	18.92	18.79	20.00
15		1	37	18.73	18.85	18.68	20.00
15		1	74	18.79	18.89	18.83	20.00
15		36	0	18.79	18.91	18.79	20.00
15		36	20	18.77	18.93	18.85	20.00
15		36	39	18.83	18.92	18.84	20.00
15		75	0	18.75	18.90	18.82	20.00
15	256QAM	1	0	18.69	18.85	18.79	20.00
15		1	37	18.72	18.86	18.73	20.00
15		1	74	18.73	18.91	18.85	20.00
15		36	0	18.76	18.91	18.78	20.00
15		36	20	18.78	18.86	18.77	20.00
15		36	39	18.73	18.87	18.70	20.00
15		75	0	18.64	18.84	18.72	20.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	18.87	18.95	18.86	20.00
10		1	25	18.81	18.95	18.87	20.00
10		1	49	18.70	18.83	18.73	20.00
10		25	0	18.63	18.90	18.81	20.00
10		25	12	18.65	18.89	18.71	20.00
10		25	25	18.64	18.80	18.72	20.00
10		50	0	18.83	18.83	18.75	20.00
10	16QAM	1	0	18.69	18.84	18.69	20.00
10		1	25	18.67	18.92	18.67	20.00
10		1	49	18.80	18.78	18.69	20.00
10		25	0	18.81	18.91	18.73	20.00
10		25	12	18.68	18.83	18.70	20.00
10		25	25	18.65	18.72	18.68	20.00
10		50	0	18.71	18.76	18.73	20.00
10	64QAM	1	0	18.67	18.90	18.70	20.00
10		1	25	18.63	18.82	18.67	20.00
10		1	49	18.74	18.87	18.70	20.00
10		25	0	18.71	18.77	18.72	20.00
10		25	12	18.72	18.88	18.74	20.00
10		25	25	18.73	18.81	18.82	20.00
10		50	0	18.71	18.85	18.70	20.00
10	256QAM	1	0	18.67	18.76	18.76	20.00
10		1	25	18.58	18.80	18.60	20.00
10		1	49	18.71	18.84	18.80	20.00
10		25	0	18.75	18.86	18.72	20.00
10		25	12	18.74	18.81	18.68	20.00
10		25	25	18.71	18.84	18.65	20.00
10		50	0	18.51	18.82	18.69	20.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5		1	0	18.90	18.96	18.86	20.00
5		1	12	18.72	18.94	18.77	20.00

5	QPSK	1	24	18.78	18.75	18.63	20.00	
5		12	0	18.71	18.83	18.80	20.00	
5		12	7	18.71	18.79	18.66	20.00	
5		12	13	18.67	18.83	18.69	20.00	
5		25	0	18.77	18.88	18.77	20.00	
5	16QAM	1	0	18.79	18.82	18.72	20.00	
5		1	12	18.78	18.90	18.60	20.00	
5		1	24	18.71	18.85	18.59	20.00	
5		12	0	18.75	18.79	18.72	20.00	
5		12	7	18.76	18.80	18.72	20.00	
5		12	13	18.68	18.77	18.68	20.00	
5		25	0	18.65	18.82	18.65	20.00	
5		64QAM	1	0	18.68	18.85	18.75	20.00
5			1	12	18.64	18.79	18.59	20.00
5			1	24	18.70	18.80	18.78	20.00
5	12		0	18.70	18.89	18.73	20.00	
5	12		7	18.66	18.83	18.72	20.00	
5		12	13	18.80	18.86	18.72	20.00	
5		25	0	18.61	18.77	18.79	20.00	
5		256QAM	1	0	18.56	18.72	18.65	20.00
5			1	12	18.59	18.72	18.63	20.00
5			1	24	18.67	18.76	18.71	20.00
5	12		0	18.70	18.83	18.71	20.00	
5	12		7	18.66	18.78	18.66	20.00	
5		12	13	18.65	18.77	18.68	20.00	
5		25	0	18.61	18.78	18.64	20.00	
Channel				26705	26865	27025	Tune-up Limit (dBm)	
Frequency (MHz)				815.5	831.5	847.5		
3		QPSK	1	0	18.94	18.96	18.86	20.00
3	1		8	18.81	18.98	18.84	20.00	
3	1		14	18.77	18.85	18.64	20.00	
3	8		0	18.63	18.89	18.79	20.00	
3	8		4	18.68	18.83	18.71	20.00	
3		8	7	18.74	18.89	18.67	20.00	
3		15	0	18.72	18.77	18.68	20.00	
3		16QAM	1	0	18.78	18.91	18.77	20.00
3			1	8	18.75	18.91	18.64	20.00
3			1	14	18.75	18.75	18.60	20.00
3	8		0	18.72	18.86	18.76	20.00	
3	8		4	18.71	18.75	18.67	20.00	
3		8	7	18.63	18.76	18.62	20.00	
3		15	0	18.68	18.77	18.74	20.00	
3		64QAM	1	0	18.76	18.88	18.70	20.00
3			1	8	18.63	18.77	18.63	20.00
3			1	14	18.70	18.81	18.81	20.00
3	8		0	18.72	18.84	18.76	20.00	
3	8		4	18.69	18.88	18.78	20.00	
3		8	7	18.81	18.81	18.73	20.00	
3		15	0	18.67	18.86	18.68	20.00	
3		256QAM	1	0	18.56	18.71	18.73	20.00
3			1	8	18.64	18.80	18.64	20.00
3			1	14	18.67	18.89	18.72	20.00
3	8		0	18.66	18.78	18.68	20.00	
3	8		4	18.76	18.73	18.64	20.00	
3		8	7	18.68	18.73	18.60	20.00	
3		15	0	18.49	18.80	18.58	20.00	
Channel				26697	26865	27033	Tune-up Limit (dBm)	
Frequency (MHz)				814.7	831.5	848.3		
1.4		QPSK	1	0	18.84	18.92	18.96	20.00
1.4	1		3	18.71	18.90	18.76	20.00	
1.4	1		5	18.74	18.82	18.73	20.00	
1.4	3		0	18.68	18.81	18.85	20.00	
1.4	3		1	18.73	18.90	18.75	20.00	
1.4		3	3	18.67	18.90	18.78	20.00	
1.4		6	0	18.73	18.88	18.64	20.00	
1.4			1	0	18.79	18.87	18.75	20.00
1.4			1	3	18.68	18.81	18.65	20.00

1.4	16QAM	1	5	18.72	18.83	18.63	20.00
1.4		3	0	18.77	18.91	18.67	20.00
1.4		3	1	18.77	18.83	18.67	20.00
1.4		3	3	18.70	18.80	18.58	20.00
1.4		6	0	18.69	18.89	18.70	20.00
1.4	64QAM	1	0	18.68	18.89	18.77	20.00
1.4		1	3	18.64	18.71	18.66	20.00
1.4		1	5	18.75	18.84	18.70	20.00
1.4		3	0	18.77	18.77	18.68	20.00
1.4		3	1	18.69	18.88	18.82	20.00
1.4		3	3	18.77	18.90	18.79	20.00
1.4		6	0	18.68	18.79	18.77	20.00
1.4	256QAM	1	0	18.57	18.74	18.68	20.00
1.4		1	3	18.59	18.78	18.70	20.00
1.4		1	5	18.61	18.85	18.79	20.00
1.4		3	0	18.75	18.86	18.68	20.00
1.4		3	1	18.67	18.82	18.72	20.00
1.4		3	3	18.68	18.76	18.65	20.00
1.4		6	0	18.61	18.77	18.62	20.00

<LTE Band 30_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.41		19.00	
10		1	25		17.35		19.00	
10		1	49		17.29		19.00	
10		25	0		17.33		19.00	
10		25	12		17.32		19.00	
10		25	25		17.25		19.00	
10		50	0		17.29		19.00	
10	16QAM	1	0		17.28		19.00	
10		1	25		17.33		19.00	
10		1	49		17.31		19.00	
10		25	0		17.24		19.00	
10		25	12		17.22		19.00	
10		25	25		17.25		19.00	
10	64QAM	50	0		17.32		19.00	
10		1	0		17.30		19.00	
10		1	25		17.26		19.00	
10		1	49		17.29		19.00	
10		25	0		17.31		19.00	
10		25	12		17.24		19.00	
10	256QAM	25	25		17.28		19.00	
10		50	0		17.35		19.00	
10		1	0		17.33		19.00	
10		1	25		17.29		19.00	
10		1	49		17.25		19.00	
10		25	0		17.26		19.00	
10		25	12		17.25		19.00	
10		25	25		17.21		19.00	
10		50	0		17.24		19.00	
Channel				27685	27710	27735	Tune-up Limit (dBm)	
Frequency (MHz)				2307.5	2310	2312.5		
5		QPSK	1	0	17.31	17.35	17.32	19.00
5	1		12	17.01	17.20	17.13	19.00	
5	1		24	17.06	17.18	17.12	19.00	
5	12		0	17.11	17.23	17.15	19.00	
5	12		7	17.06	17.22	17.12	19.00	
5	12		13	17.11	17.17	17.00	19.00	
5	16QAM	25	0	17.06	17.14	17.05	19.00	
5		1	0	17.11	17.22	17.11	19.00	
5		1	12	17.10	17.20	17.03	19.00	
5		1	24	17.07	17.23	17.11	19.00	
5		12	0	17.01	17.13	17.06	19.00	
5		12	7	17.00	17.10	17.00	19.00	
5	64QAM	12	13	17.02	17.16	17.03	19.00	
5		25	0	17.05	17.21	17.14	19.00	
5		1	0	17.10	17.20	17.08	19.00	
5		1	12	17.09	17.16	17.01	19.00	
5		1	24	17.05	17.20	17.04	19.00	
5		12	0	17.02	17.20	17.05	19.00	
5	256QAM	12	7	17.02	17.14	17.08	19.00	
5		12	13	17.15	17.22	17.12	19.00	
5		25	0	17.06	17.21	17.13	19.00	
5		1	0	17.04	17.18	17.01	19.00	
5		1	12	17.12	17.19	17.04	19.00	
5		1	24	17.00	17.11	17.04	19.00	
5		12	0	17.02	17.11	17.04	19.00	
5		12	7	17.07	17.15	17.01	19.00	
5		12	13	17.07	17.13	17.01	19.00	
5		25	0	17.07	17.15	17.04	19.00	

<LTE Band 66_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.11	16.22	16.09	17.00	
20		1	49	15.93	16.15	15.95	17.00	
20		1	99	15.97	16.20	16.03	17.00	
20		50	0	16.04	16.18	15.97	17.00	
20		50	24	15.96	16.16	16.01	17.00	
20		50	50	15.87	16.05	15.87	17.00	
20	16QAM	100	0	15.92	16.07	15.82	17.00	
20		1	0	15.97	16.11	15.92	17.00	
20		1	49	15.90	16.05	15.83	17.00	
20		1	99	15.84	16.09	15.93	17.00	
20		50	0	15.91	16.05	15.84	17.00	
20		50	24	15.92	16.09	15.92	17.00	
20	64QAM	50	50	15.87	16.12	15.91	17.00	
20		100	0	15.93	16.11	15.86	17.00	
20		1	0	15.88	16.08	15.85	17.00	
20		1	49	15.88	16.09	15.86	17.00	
20		1	99	15.89	16.13	15.95	17.00	
20		50	0	15.84	16.05	15.79	17.00	
20	256QAM	50	24	15.89	16.14	15.94	17.00	
20		50	50	15.91	16.08	15.84	17.00	
20		100	0	15.88	16.09	15.82	17.00	
20		1	0	15.86	16.08	15.83	17.00	
20		1	49	15.86	16.08	15.83	17.00	
20		1	99	15.91	16.10	15.92	17.00	
20	256QAM	50	0	15.91	16.11	15.90	17.00	
20		50	24	15.84	16.05	15.80	17.00	
20		50	50	15.96	16.09	15.85	17.00	
20		100	0	15.83	16.07	15.88	17.00	
Channel				132047	132322	132597	Tune-up Limit (dBm)	
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.97	16.19	16.04	17.00	
15		1	37	15.82	16.11	15.84	17.00	
15		1	74	15.82	16.11	15.91	17.00	
15		36	0	15.90	16.10	15.83	17.00	
15		36	20	15.93	16.15	15.99	17.00	
15		36	39	15.85	15.92	15.85	17.00	
15	16QAM	75	0	15.90	15.97	15.77	17.00	
15		1	0	15.83	16.04	15.89	17.00	
15		1	37	15.75	15.93	15.74	17.00	
15		1	74	15.77	16.03	15.79	17.00	
15		36	0	15.84	15.97	15.70	17.00	
15		36	20	15.81	16.04	15.82	17.00	
15	64QAM	36	39	15.76	16.05	15.90	17.00	
15		75	0	15.88	16.07	15.76	17.00	
15		1	0	15.76	16.05	15.76	17.00	
15		1	37	15.85	16.06	15.84	17.00	
15		1	74	15.78	16.11	15.85	17.00	
15		36	0	15.75	15.94	15.77	17.00	
15	256QAM	36	20	15.80	16.02	15.85	17.00	
15		36	39	15.78	16.05	15.71	17.00	
15		75	0	15.80	16.04	15.69	17.00	
15		1	0	15.83	16.05	15.82	17.00	
15		1	37	15.83	16.03	15.77	17.00	
15		1	74	15.79	15.98	15.78	17.00	
15	256QAM	36	0	15.86	16.03	15.79	17.00	
15		36	20	15.81	15.95	15.67	17.00	
15		36	39	15.90	16.00	15.73	17.00	
15		75	0	15.75	15.93	15.79	17.00	
Channel				132022	132322	132622	Tune-up Limit (dBm)	
Frequency (MHz)				1715	1745	1775		
10		1	0	16.04	16.09	16.07	17.00	
10		1	25	15.80	16.10	15.89	17.00	

10	QPSK	1	49	15.91	16.18	15.89	17.00	
10		25	0	15.99	16.08	15.96	17.00	
10		25	12	15.85	16.14	15.96	17.00	
10		25	25	15.79	15.98	15.73	17.00	
10		50	0	15.84	15.98	15.73	17.00	
10	16QAM	1	0	15.86	16.03	15.80	17.00	
10		1	25	15.78	16.01	15.76	17.00	
10		1	49	15.69	16.06	15.91	17.00	
10		25	0	15.76	15.98	15.80	17.00	
10		25	12	15.85	15.95	15.90	17.00	
10		25	25	15.85	16.08	15.87	17.00	
10	64QAM	50	0	15.87	16.03	15.83	17.00	
10		1	0	15.73	16.01	15.83	17.00	
10		1	25	15.74	16.05	15.76	17.00	
10		1	49	15.82	16.09	15.92	17.00	
10		25	0	15.69	15.99	15.68	17.00	
10		25	12	15.74	16.03	15.92	17.00	
10	256QAM	25	25	15.85	15.96	15.79	17.00	
10		50	0	15.73	15.98	15.73	17.00	
10		1	0	15.78	15.93	15.70	17.00	
10		1	25	15.80	15.99	15.80	17.00	
10		1	49	15.85	16.07	15.82	17.00	
10		25	0	15.82	16.03	15.83	17.00	
10		25	12	15.71	15.96	15.71	17.00	
10		25	25	15.89	16.02	15.82	17.00	
10		50	0	15.73	16.03	15.81	17.00	
Channel				131997	132322	132647	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1745	1777.5		
5		QPSK	1	0	16.01	16.09	16.02	17.00
5	1		12	15.90	16.03	15.81	17.00	
5	1		24	15.83	16.16	15.91	17.00	
5	12		0	15.98	16.05	15.89	17.00	
5	12		7	15.95	16.08	15.92	17.00	
5	12		13	15.78	15.93	15.74	17.00	
5	16QAM	25	0	15.86	16.00	15.70	17.00	
5		1	0	15.87	16.03	15.85	17.00	
5		1	12	15.88	16.01	15.79	17.00	
5		1	24	15.70	15.98	15.90	17.00	
5		12	0	15.85	15.99	15.72	17.00	
5		12	7	15.79	15.94	15.77	17.00	
5	64QAM	12	13	15.74	16.00	15.77	17.00	
5		25	0	15.90	16.09	15.79	17.00	
5		1	0	15.78	16.02	15.70	17.00	
5		1	12	15.83	16.01	15.74	17.00	
5		1	24	15.79	16.10	15.89	17.00	
5		12	0	15.70	15.93	15.68	17.00	
5	256QAM	12	7	15.84	16.05	15.87	17.00	
5		12	13	15.79	16.07	15.72	17.00	
5		25	0	15.73	16.01	15.75	17.00	
5		1	0	15.72	15.93	15.77	17.00	
5		1	12	15.71	16.06	15.74	17.00	
5		1	24	15.82	16.01	15.88	17.00	
5		12	0	15.88	16.08	15.75	17.00	
5		12	7	15.76	15.98	15.70	17.00	
5		12	13	15.91	16.01	15.78	17.00	
5		25	0	15.80	15.98	15.85	17.00	
Channel				131987	132322	132657	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.01	16.08	16.05	17.00	
3		1	8	15.88	16.01	15.92	17.00	
3		1	14	15.83	16.08	15.98	17.00	
3		8	0	15.90	16.11	15.84	17.00	
3		8	4	15.82	16.08	15.95	17.00	
3		8	7	15.86	15.95	15.83	17.00	
3		15	0	15.78	15.98	15.79	17.00	
3		1	0	15.87	16.00	15.85	17.00	
3		1	8	15.88	15.98	15.71	17.00	

3	16QAM	1	14	15.78	16.01	15.85	17.00
3		8	0	15.88	16.01	15.74	17.00
3		8	4	15.81	16.00	15.85	17.00
3		8	7	15.72	15.98	15.86	17.00
3		15	0	15.91	16.08	15.82	17.00
3	64QAM	1	0	15.78	15.94	15.76	17.00
3		1	8	15.80	15.96	15.73	17.00
3		1	14	15.78	16.07	15.93	17.00
3		8	0	15.75	16.02	15.66	17.00
3		8	4	15.88	16.09	15.85	17.00
3	256QAM	8	7	15.78	16.06	15.78	17.00
3		15	0	15.84	16.00	15.78	17.00
3		1	0	15.72	15.98	15.72	17.00
3		1	8	15.77	16.01	15.73	17.00
3		1	14	15.87	16.03	15.89	17.00
3		8	0	15.83	15.98	15.84	17.00
3		8	4	15.72	15.98	15.73	17.00
3		8	7	15.93	16.07	15.80	17.00
3		15	0	15.81	15.92	15.84	17.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.05	16.13	15.98	17.00
1.4		1	3	15.85	16.11	15.85	17.00
1.4		1	5	15.85	16.06	15.97	17.00
1.4		3	0	16.02	16.03	15.83	17.00
1.4		3	1	15.84	16.12	16.00	17.00
1.4		3	3	15.74	16.01	15.74	17.00
1.4		6	0	15.83	15.94	15.76	17.00
1.4	16QAM	1	0	15.84	16.09	15.83	17.00
1.4		1	3	15.81	15.92	15.71	17.00
1.4		1	5	15.70	16.07	15.86	17.00
1.4		3	0	15.81	15.97	15.74	17.00
1.4		3	1	15.82	16.06	15.82	17.00
1.4		3	3	15.83	16.09	15.79	17.00
1.4		6	0	15.86	16.03	15.79	17.00
1.4	64QAM	1	0	15.83	16.07	15.76	17.00
1.4		1	3	15.79	15.98	15.82	17.00
1.4		1	5	15.85	16.12	15.90	17.00
1.4		3	0	15.82	16.04	15.68	17.00
1.4		3	1	15.84	16.12	15.81	17.00
1.4		3	3	15.77	15.97	15.77	17.00
1.4		6	0	15.86	15.94	15.73	17.00
1.4	256QAM	1	0	15.78	16.03	15.81	17.00
1.4		1	3	15.78	15.94	15.75	17.00
1.4		1	5	15.87	16.08	15.87	17.00
1.4		3	0	15.77	15.96	15.82	17.00
1.4		3	1	15.78	15.96	15.66	17.00
1.4		3	3	15.92	16.05	15.79	17.00
1.4		6	0	15.76	16.05	15.86	17.00

<LTE Band 71_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	19.02	19.11	19.06	20.00
20		1	49	18.93	19.05	18.89	20.00
20		1	99	18.88	19.08	18.98	20.00
20		50	0	18.95	19.09	18.94	20.00
20		50	24	18.86	19.05	18.94	20.00
20		50	50	18.84	19.01	18.93	20.00
20		100	0	18.81	19.05	18.91	20.00
20	16QAM	1	0	18.89	19.01	18.94	20.00
20		1	49	18.84	18.97	18.81	20.00
20		1	99	18.79	18.99	18.86	20.00
20		50	0	18.80	18.95	18.80	20.00
20		50	24	18.88	19.05	18.95	20.00
20		50	50	18.91	19.03	18.92	20.00
20		100	0	18.82	19.04	18.88	20.00
20	64QAM	1	0	18.88	19.02	18.92	20.00
20		1	49	18.85	19.04	18.93	20.00
20		1	99	18.91	19.02	18.88	20.00
20		50	0	18.80	19.03	18.83	20.00
20		50	24	18.91	19.01	18.83	20.00
20		50	50	18.77	18.95	18.82	20.00
20		100	0	18.85	18.96	18.82	20.00
20	256QAM	1	0	18.76	18.92	18.84	20.00
20		1	49	18.74	18.96	18.82	20.00
20		1	99	18.78	19.01	18.87	20.00
20		50	0	18.80	18.94	18.83	20.00
20		50	24	18.85	19.01	18.84	20.00
20		50	50	18.81	18.95	18.76	20.00
20		100	0	18.90	19.00	18.90	20.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	18.97	18.97	18.93	20.00
15		1	37	18.88	18.92	18.84	20.00
15		1	74	18.84	18.95	18.96	20.00
15		36	0	18.89	19.08	18.92	20.00
15		36	20	18.83	18.93	18.88	20.00
15		36	39	18.72	18.96	18.90	20.00
15		75	0	18.69	18.91	18.76	20.00
15	16QAM	1	0	18.86	18.92	18.87	20.00
15		1	37	18.73	18.95	18.79	20.00
15		1	74	18.76	18.92	18.79	20.00
15		36	0	18.76	18.86	18.67	20.00
15		36	20	18.74	19.02	18.89	20.00
15		36	39	18.77	18.97	18.89	20.00
15		75	0	18.72	18.95	18.76	20.00
15	64QAM	1	0	18.83	18.88	18.82	20.00
15		1	37	18.82	18.89	18.82	20.00
15		1	74	18.85	18.98	18.86	20.00
15		36	0	18.72	18.93	18.69	20.00
15		36	20	18.87	18.87	18.76	20.00
15		36	39	18.74	18.81	18.71	20.00
15		75	0	18.81	18.92	18.73	20.00
15	256QAM	1	0	18.75	18.82	18.69	20.00
15		1	37	18.66	18.83	18.67	20.00
15		1	74	18.73	18.91	18.76	20.00
15		36	0	18.78	18.86	18.79	20.00
15		36	20	18.77	18.93	18.78	20.00
15		36	39	18.70	18.90	18.74	20.00
15		75	0	18.79	18.91	18.89	20.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10		1	0	18.99	19.03	18.92	20.00
10		1	25	18.89	19.02	18.79	20.00

10	QPSK	1	49	18.82	18.99	18.96	20.00
10		25	0	18.88	19.05	18.92	20.00
10		25	12	18.78	18.95	18.83	20.00
10		25	25	18.69	18.89	18.91	20.00
10		50	0	18.77	18.99	18.80	20.00
10	16QAM	1	0	18.84	18.87	18.89	20.00
10		1	25	18.81	18.91	18.77	20.00
10		1	49	18.77	18.96	18.83	20.00
10		25	0	18.70	18.93	18.78	20.00
10		25	12	18.82	19.02	18.92	20.00
10		25	25	18.76	19.00	18.78	20.00
10		50	0	18.71	18.89	18.75	20.00
10	64QAM	1	0	18.80	18.89	18.80	20.00
10		1	25	18.74	19.01	18.86	20.00
10		1	49	18.77	18.89	18.87	20.00
10		25	0	18.78	19.00	18.73	20.00
10		25	12	18.83	18.88	18.78	20.00
10		25	25	18.66	18.89	18.74	20.00
10		50	0	18.81	18.90	18.71	20.00
10	256QAM	1	0	18.71	18.82	18.75	20.00
10		1	25	18.64	18.90	18.77	20.00
10		1	49	18.65	18.92	18.78	20.00
10		25	0	18.70	18.87	18.69	20.00
10		25	12	18.83	18.99	18.77	20.00
10		25	25	18.76	18.80	18.65	20.00
10		50	0	18.76	18.86	18.88	20.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	18.96	19.08	18.97	20.00
5		1	12	18.79	19.03	18.74	20.00
5		1	24	18.78	19.00	18.90	20.00
5		12	0	18.85	19.03	18.93	20.00
5		12	7	18.83	18.96	18.81	20.00
5		12	13	18.76	18.97	18.85	20.00
5		25	0	18.74	19.02	18.81	20.00
5	16QAM	1	0	18.82	18.91	18.84	20.00
5		1	12	18.82	18.96	18.74	20.00
5		1	24	18.67	18.97	18.83	20.00
5		12	0	18.71	18.89	18.66	20.00
5		12	7	18.84	19.03	18.89	20.00
5		12	13	18.84	18.94	18.81	20.00
5		25	0	18.73	18.91	18.74	20.00
5	64QAM	1	0	18.87	18.89	18.81	20.00
5		1	12	18.84	18.94	18.89	20.00
5		1	24	18.83	18.98	18.73	20.00
5		12	0	18.68	18.98	18.72	20.00
5		12	7	18.86	18.87	18.82	20.00
5		12	13	18.72	18.93	18.70	20.00
5		25	0	18.79	18.84	18.72	20.00
5	256QAM	1	0	18.66	18.90	18.79	20.00
5		1	12	18.64	18.83	18.70	20.00
5		1	24	18.72	18.93	18.84	20.00
5		12	0	18.67	18.88	18.70	20.00
5		12	7	18.73	18.91	18.79	20.00
5		12	13	18.72	18.90	18.73	20.00
5		25	0	18.80	18.94	18.80	20.00

<LTE Band 38_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.16	19.20	19.18	20.00	
20		1	49	19.09	19.15	18.99	20.00	
20		1	99	19.00	19.16	19.12	20.00	
20		50	0	19.05	19.16	19.05	20.00	
20		50	24	19.02	19.12	18.95	20.00	
20		50	50	19.01	19.08	18.99	20.00	
20	16QAM	100	0	19.00	19.11	19.05	20.00	
20		1	0	18.97	19.05	19.00	20.00	
20		1	49	18.94	19.06	19.00	20.00	
20		1	99	19.02	19.08	18.97	20.00	
20		50	0	19.01	19.09	18.92	20.00	
20		50	24	18.92	19.10	19.06	20.00	
20	64QAM	50	50	19.00	19.08	18.92	20.00	
20		100	0	18.94	19.07	19.01	20.00	
20		1	0	18.98	19.05	18.90	20.00	
20		1	49	18.93	19.06	18.99	20.00	
20		1	99	18.82	19.01	18.84	20.00	
20		50	0	19.05	19.11	19.05	20.00	
20	256QAM	50	24	18.94	19.05	18.94	20.00	
20		50	50	18.94	19.02	18.95	20.00	
20		100	0	18.90	19.01	18.90	20.00	
20		1	0	18.76	18.93	18.89	20.00	
20		1	49	18.86	18.99	18.85	20.00	
20		1	99	18.93	19.07	18.96	20.00	
20		50	0	19.05	19.11	18.99	20.00	
20		50	24	18.91	19.05	18.98	20.00	
20		50	50	18.94	19.02	18.94	20.00	
20		100	0	18.87	19.02	18.94	20.00	
Channel				37825	38000	38175	Tune-up Limit (dBm)	
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.11	19.13	19.04	20.00	
15		1	37	19.00	19.01	18.98	20.00	
15		1	74	18.90	19.07	19.11	20.00	
15		36	0	18.91	19.06	18.97	20.00	
15		36	20	18.93	18.97	18.91	20.00	
15		36	39	18.96	19.04	18.97	20.00	
15	16QAM	75	0	18.91	19.08	19.02	20.00	
15		1	0	18.87	18.99	18.86	20.00	
15		1	37	18.83	18.98	18.89	20.00	
15		1	74	18.87	19.00	18.84	20.00	
15		36	0	18.92	18.94	18.81	20.00	
15		36	20	18.81	19.05	19.04	20.00	
15	64QAM	36	39	18.89	19.02	18.81	20.00	
15		75	0	18.83	19.02	19.00	20.00	
15		1	0	18.89	19.01	18.79	20.00	
15		1	37	18.90	19.04	18.91	20.00	
15		1	74	18.79	18.93	18.77	20.00	
15		36	0	19.01	19.10	18.93	20.00	
15	256QAM	36	20	18.91	18.96	18.81	20.00	
15		36	39	18.80	19.01	18.89	20.00	
15		75	0	18.81	18.90	18.82	20.00	
15		1	0	18.71	18.86	18.86	20.00	
15		1	37	18.85	18.95	18.81	20.00	
15		1	74	18.86	19.05	18.87	20.00	
15		36	0	18.99	19.01	18.95	20.00	
15		36	20	18.89	18.98	18.89	20.00	
15		36	39	18.92	19.00	18.84	20.00	
15		75	0	18.75	18.87	18.84	20.00	
Channel				37800	38000	38200	Tune-up Limit (dBm)	
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.06	19.13	19.15	20.00	
10		1	25	19.00	19.11	18.86	20.00	
10		1	49	18.97	19.13	18.97	20.00	
10		25	0	18.95	19.05	18.94	20.00	
10		25	12	18.90	19.08	18.81	20.00	
10		25	25	18.92	18.96	18.94	20.00	
10	16QAM	50	0	18.94	19.03	19.03	20.00	
10		1	0	18.96	18.94	18.91	20.00	
10		1	25	18.89	18.95	18.89	20.00	
10		1	49	19.00	19.06	18.90	20.00	
10		25	0	18.99	19.05	18.82	20.00	
10		25	12	18.78	18.97	18.95	20.00	
10		25	25	18.85	19.02	18.84	20.00	
10		50	0	18.92	19.05	18.98	20.00	

10	64QAM	1	0	18.86	18.95	18.79	20.00
10		1	25	18.81	18.92	18.89	20.00
10		1	49	18.75	18.89	18.82	20.00
10		25	0	19.02	19.07	18.95	20.00
10		25	12	18.91	18.90	18.89	20.00
10		25	25	18.83	18.94	18.89	20.00
10		50	0	18.80	18.91	18.78	20.00
10	256QAM	1	0	18.69	18.79	18.82	20.00
10		1	25	18.76	18.93	18.83	20.00
10		1	49	18.87	19.04	18.95	20.00
10		25	0	18.93	19.09	18.97	20.00
10		25	12	18.87	18.92	18.85	20.00
10		25	25	18.81	18.91	18.79	20.00
10		50	0	18.74	18.87	18.90	20.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	19.09	19.18	19.16	20.00
5		1	12	19.01	19.12	18.96	20.00
5		1	24	18.89	19.04	19.01	20.00
5		12	0	18.97	19.14	18.99	20.00
5		12	7	18.98	19.00	18.89	20.00
5		12	13	18.92	18.98	18.86	20.00
5	16QAM	25	0	18.95	19.10	19.00	20.00
5		1	0	18.86	19.04	18.95	20.00
5		1	12	18.87	18.98	18.89	20.00
5		1	24	18.98	19.05	18.96	20.00
5		12	0	19.00	18.96	18.83	20.00
5		12	7	18.79	19.06	19.03	20.00
5	64QAM	12	13	18.87	18.95	18.77	20.00
5		25	0	18.82	19.03	18.97	20.00
5		1	0	18.90	18.98	18.82	20.00
5		1	12	18.84	18.96	18.97	20.00
5		1	24	18.76	18.87	18.82	20.00
5		12	0	18.95	19.03	18.99	20.00
5	256QAM	12	7	18.88	18.92	18.82	20.00
5		12	13	18.86	18.96	18.93	20.00
5		25	0	18.84	18.88	18.76	20.00
5		1	0	18.70	18.81	18.86	20.00
5		1	12	18.85	18.89	18.74	20.00
5		1	24	18.78	18.97	18.89	20.00
5		12	0	18.90	18.98	18.87	20.00
5		12	7	18.79	18.97	18.90	20.00
5		12	13	18.87	18.95	18.90	20.00
5		25	0	18.81	18.92	18.88	20.00

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<LTE Band 41_Ant 5_Tablet>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.21	19.12	19.29	19.17	19.21	20.00
20		1	49	19.03	18.90	19.21	18.98	19.11	20.00
20		1	99	19.12	19.02	19.25	18.98	19.08	20.00
20		50	0	19.04	19.01	19.20	18.96	19.07	20.00
20		50	24	18.94	18.93	19.14	18.89	18.99	20.00
20		50	50	18.97	18.96	19.17	18.91	18.94	20.00
20		100	0	19.05	18.89	19.18	19.05	19.02	20.00
20	16QAM	1	0	19.05	18.99	19.20	18.99	19.01	20.00
20		1	49	18.95	18.84	19.15	18.97	18.96	20.00
20		1	99	18.95	18.96	19.16	19.03	18.95	20.00
20		50	0	19.08	18.87	19.18	18.98	19.02	20.00
20		50	24	18.93	18.86	19.06	18.91	18.91	20.00
20		50	50	18.88	18.90	19.11	18.92	19.00	20.00
20		100	0	18.96	18.80	19.06	18.82	18.87	20.00
20	64QAM	1	0	18.94	18.87	19.07	18.94	18.85	20.00
20		1	49	18.94	18.91	19.11	18.84	18.90	20.00
20		1	99	19.03	18.96	19.17	19.00	19.05	20.00
20		50	0	18.88	18.85	19.10	18.87	18.89	20.00
20		50	24	19.04	18.85	19.13	18.91	18.95	20.00
20		50	50	18.86	18.86	19.05	18.80	18.89	20.00
20		100	0	18.87	18.86	19.10	18.90	18.95	20.00
20	256QAM	1	0	18.91	18.71	19.01	18.85	18.86	20.00
20		1	49	18.82	18.73	19.03	18.79	18.82	20.00
20		1	99	18.80	18.74	19.02	18.79	18.80	20.00
20		50	0	18.86	18.78	19.05	18.80	18.89	20.00
20		50	24	18.81	18.75	19.04	18.88	18.91	20.00
20		50	50	18.85	18.82	19.07	18.92	18.84	20.00
20		100	0	18.79	18.81	19.00	18.83	18.80	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.10	19.08	19.18	19.13	19.08	20.00
15		1	37	18.95	18.80	19.07	18.89	19.01	20.00
15		1	74	19.04	18.95	19.13	18.96	18.94	20.00
15		36	0	19.02	18.82	19.11	18.93	18.98	20.00
15		36	20	18.80	18.82	19.07	18.78	18.98	20.00
15		36	39	18.93	18.90	19.14	18.78	18.83	20.00
15		75	0	19.00	18.87	19.03	19.01	18.87	20.00
15	16QAM	1	0	18.95	18.95	19.06	18.86	18.96	20.00
15		1	37	18.81	18.77	19.09	18.96	18.81	20.00
15		1	74	18.94	18.84	19.01	18.93	18.81	20.00
15		36	0	19.04	18.84	19.13	18.87	18.90	20.00
15		36	20	18.79	18.72	18.98	18.76	18.82	20.00
15		36	39	18.83	18.84	19.01	18.89	18.88	20.00
15		75	0	18.93	18.71	19.05	18.67	18.78	20.00
15	64QAM	1	0	18.84	18.77	18.93	18.84	18.77	20.00
15		1	37	18.84	18.77	19.05	18.72	18.84	20.00
15		1	74	18.89	18.86	19.06	18.90	18.97	20.00
15		36	0	18.85	18.75	19.07	18.83	18.85	20.00
15		36	20	19.03	18.76	19.06	18.82	18.81	20.00
15		36	39	18.76	18.80	18.92	18.67	18.85	20.00
15		75	0	18.84	18.80	19.08	18.80	18.86	20.00
15	256QAM	1	0	18.82	18.67	18.94	18.73	18.78	20.00
15		1	37	18.68	18.64	18.89	18.74	18.76	20.00
15		1	74	18.73	18.72	18.96	18.74	18.75	20.00
15		36	0	18.84	18.76	18.93	18.68	18.82	20.00
15		36	20	18.71	18.72	18.96	18.80	18.79	20.00
15		36	39	18.71	18.74	18.99	18.80	18.70	20.00
15		75	0	18.75	18.72	18.92	18.76	18.77	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.17	19.08	19.21	19.04	19.08	20.00
10		1	25	18.98	18.78	19.18	18.85	19.09	20.00
10		1	49	19.05	18.95	19.18	18.85	18.95	20.00
10		25	0	18.96	18.89	19.18	18.82	19.00	20.00
10		25	12	18.93	18.80	19.03	18.88	18.97	20.00
10		25	25	18.84	18.92	19.04	18.82	18.86	20.00
10		50	0	18.98	18.78	19.07	18.94	18.99	20.00
10	16QAM	1	0	18.93	18.87	19.08	18.94	19.00	20.00
10		1	25	18.92	18.80	19.04	18.88	18.85	20.00
10		1	49	18.93	18.89	19.11	18.91	18.92	20.00
10		25	0	19.00	18.73	19.09	18.88	18.90	20.00
10		25	12	18.92	18.84	18.94	18.80	18.85	20.00
10		25	25	18.87	18.84	19.03	18.77	18.98	20.00
10		50	0	18.85	18.75	19.01	18.79	18.73	20.00

10	64QAM	1	0	18.93	18.83	19.06	18.85	18.73	20.00
10		1	25	18.84	18.85	18.97	18.81	18.76	20.00
10		1	49	18.99	18.83	19.03	18.97	18.96	20.00
10		25	0	18.83	18.76	19.06	18.78	18.79	20.00
10		25	12	18.94	18.75	19.01	18.81	18.83	20.00
10		25	25	18.74	18.74	18.95	18.78	18.77	20.00
10	256QAM	50	0	18.75	18.82	18.97	18.79	18.94	20.00
10		1	0	18.89	18.62	18.95	18.80	18.78	20.00
10		1	25	18.78	18.68	18.94	18.74	18.68	20.00
10		1	49	18.73	18.67	18.91	18.73	18.72	20.00
10		25	0	18.75	18.73	19.01	18.67	18.85	20.00
10		25	12	18.69	18.74	18.90	18.85	18.80	20.00
10		25	25	18.71	18.69	18.94	18.89	18.78	20.00
10		50	0	18.71	18.79	18.92	18.69	18.71	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.13	19.06	19.25	19.06	19.19	20.00
5		1	12	18.98	18.77	19.15	18.92	18.97	20.00
5		1	24	19.07	18.91	19.12	18.83	19.02	20.00
5		12	0	18.95	18.88	19.06	18.84	19.05	20.00
5		12	7	18.83	18.88	19.01	18.76	18.85	20.00
5		12	13	18.83	18.87	19.04	18.85	18.89	20.00
5	16QAM	25	0	18.98	18.80	19.09	18.95	18.91	20.00
5		1	0	18.98	18.97	19.07	18.86	18.87	20.00
5		1	12	18.87	18.71	19.07	18.91	18.91	20.00
5		1	24	18.89	18.82	19.03	18.97	18.80	20.00
5		12	0	18.96	18.80	19.16	18.95	18.93	20.00
5		12	7	18.80	18.76	18.93	18.86	18.80	20.00
5	64QAM	12	13	18.81	18.84	19.09	18.84	18.91	20.00
5		25	0	18.89	18.73	19.01	18.72	18.73	20.00
5		1	0	18.81	18.75	18.96	18.91	18.82	20.00
5		1	12	18.87	18.86	19.01	18.73	18.81	20.00
5		1	24	18.88	18.85	19.13	18.98	18.97	20.00
5		12	0	18.86	18.72	19.06	18.82	18.79	20.00
5	256QAM	12	7	18.90	18.78	19.09	18.89	18.82	20.00
5		12	13	18.82	18.72	18.91	18.73	18.86	20.00
5		25	0	18.85	18.84	18.96	18.89	18.88	20.00
5		1	0	18.86	18.60	18.96	18.81	18.81	20.00
5		1	12	18.71	18.69	19.01	18.76	18.76	20.00
5		1	24	18.68	18.67	18.98	18.77	18.72	20.00
5		12	0	18.79	18.68	18.95	18.71	18.78	20.00
5		12	7	18.79	18.63	18.98	18.83	18.84	20.00
5		12	13	18.70	18.71	18.93	18.81	18.83	20.00
5		25	0	18.70	18.78	18.85	18.78	18.78	20.00

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<LTE Band 41_HPUE_Ant 5_Tablet>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.21	19.12	19.29	19.17	19.21	20.00
20		1	49	19.03	18.90	19.21	18.98	19.11	20.00
20		1	99	19.12	19.02	19.25	18.98	19.08	20.00
20		50	0	19.04	19.01	19.20	18.96	19.07	20.00
20		50	24	18.94	18.93	19.14	18.89	18.99	20.00
20		50	50	18.97	18.96	19.17	18.91	18.94	20.00
20		100	0	19.05	18.89	19.18	19.05	19.02	20.00
20	16QAM	1	0	19.05	18.99	19.20	18.99	19.01	20.00
20		1	49	18.95	18.84	19.15	18.97	18.96	20.00
20		1	99	18.95	18.96	19.16	19.03	18.95	20.00
20		50	0	19.08	18.87	19.18	18.98	19.02	20.00
20		50	24	18.93	18.86	19.06	18.91	18.91	20.00
20		50	50	18.88	18.90	19.11	18.92	19.00	20.00
20		100	0	18.96	18.80	19.06	18.82	18.87	20.00
20	64QAM	1	0	18.94	18.87	19.07	18.94	18.85	20.00
20		1	49	18.94	18.91	19.11	18.84	18.90	20.00
20		1	99	19.03	18.96	19.17	19.00	19.05	20.00
20		50	0	18.88	18.85	19.10	18.87	18.89	20.00
20		50	24	19.04	18.85	19.13	18.91	18.95	20.00
20		50	50	18.86	18.86	19.05	18.80	18.89	20.00
20		100	0	18.87	18.86	19.10	18.90	18.95	20.00
20	256QAM	1	0	18.91	18.71	19.01	18.85	18.86	20.00
20		1	49	18.82	18.73	19.03	18.79	18.82	20.00
20		1	99	18.80	18.74	19.02	18.79	18.80	20.00
20		50	0	18.86	18.78	19.05	18.80	18.89	20.00
20		50	24	18.81	18.75	19.04	18.88	18.91	20.00
20		50	50	18.85	18.82	19.07	18.92	18.84	20.00
20		100	0	18.79	18.81	19.00	18.83	18.80	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.10	19.08	19.18	19.13	19.08	20.00
15		1	37	18.95	18.80	19.07	18.89	19.01	20.00
15		1	74	19.04	18.95	19.13	18.96	18.94	20.00
15		36	0	19.02	18.82	19.11	18.93	18.98	20.00
15		36	20	18.80	18.82	19.07	18.78	18.98	20.00
15		36	39	18.93	18.90	19.14	18.78	18.83	20.00
15		75	0	19.00	18.87	19.03	19.01	18.87	20.00
15	16QAM	1	0	18.95	18.95	19.06	18.86	18.96	20.00
15		1	37	18.81	18.77	19.09	18.96	18.81	20.00
15		1	74	18.94	18.84	19.01	18.93	18.81	20.00
15		36	0	19.04	18.84	19.13	18.87	18.90	20.00
15		36	20	18.79	18.72	18.98	18.76	18.82	20.00
15		36	39	18.83	18.84	19.01	18.89	18.88	20.00
15		75	0	18.93	18.71	19.05	18.67	18.78	20.00
15	64QAM	1	0	18.84	18.77	18.93	18.84	18.77	20.00
15		1	37	18.84	18.77	19.05	18.72	18.84	20.00
15		1	74	18.89	18.86	19.06	18.90	18.97	20.00
15		36	0	18.85	18.75	19.07	18.83	18.85	20.00
15		36	20	19.03	18.76	19.06	18.82	18.81	20.00
15		36	39	18.76	18.80	18.92	18.67	18.85	20.00
15		75	0	18.84	18.80	19.08	18.80	18.86	20.00
15	256QAM	1	0	18.82	18.67	18.94	18.73	18.78	20.00
15		1	37	18.68	18.64	18.89	18.74	18.76	20.00
15		1	74	18.73	18.72	18.96	18.74	18.75	20.00
15		36	0	18.84	18.76	18.93	18.68	18.82	20.00
15		36	20	18.71	18.72	18.96	18.80	18.79	20.00
15		36	39	18.71	18.74	18.99	18.80	18.70	20.00
15		75	0	18.75	18.72	18.92	18.76	18.77	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.17	19.08	19.21	19.04	19.08	20.00
10		1	25	18.98	18.78	19.18	18.85	19.09	20.00
10		1	49	19.05	18.95	19.18	18.85	18.95	20.00
10		25	0	18.96	18.89	19.18	18.82	19.00	20.00
10		25	12	18.93	18.80	19.03	18.88	18.97	20.00
10		25	25	18.84	18.92	19.04	18.82	18.86	20.00
10		50	0	18.98	18.78	19.07	18.94	18.99	20.00
10	16QAM	1	0	18.93	18.87	19.08	18.94	19.00	20.00
10		1	25	18.92	18.80	19.04	18.88	18.85	20.00
10		1	49	18.93	18.89	19.11	18.91	18.92	20.00
10		25	0	19.00	18.73	19.09	18.88	18.90	20.00
10		25	12	18.92	18.84	18.94	18.80	18.85	20.00
10		25	25	18.87	18.84	19.03	18.77	18.98	20.00
10		50	0	18.85	18.75	19.01	18.79	18.73	20.00

10	64QAM	1	0	18.93	18.83	19.06	18.85	18.73	20.00
10		1	25	18.84	18.85	18.97	18.81	18.76	20.00
10		1	49	18.99	18.83	19.03	18.97	18.96	20.00
10		25	0	18.83	18.76	19.06	18.78	18.79	20.00
10		25	12	18.94	18.75	19.01	18.81	18.83	20.00
10		25	25	18.74	18.74	18.95	18.78	18.77	20.00
10	256QAM	50	0	18.75	18.82	18.97	18.79	18.94	20.00
10		1	0	18.89	18.62	18.95	18.80	18.78	20.00
10		1	25	18.78	18.68	18.94	18.74	18.68	20.00
10		1	49	18.73	18.67	18.91	18.73	18.72	20.00
10		25	0	18.75	18.73	19.01	18.67	18.85	20.00
10		25	12	18.69	18.74	18.90	18.85	18.80	20.00
10		25	25	18.71	18.69	18.94	18.89	18.78	20.00
10		50	0	18.71	18.79	18.92	18.69	18.71	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.13	19.06	19.25	19.06	19.19	20.00
5		1	12	18.98	18.77	19.15	18.92	18.97	20.00
5		1	24	19.07	18.91	19.12	18.83	19.02	20.00
5		12	0	18.95	18.88	19.06	18.84	19.05	20.00
5		12	7	18.83	18.88	19.01	18.76	18.85	20.00
5		12	13	18.83	18.87	19.04	18.85	18.89	20.00
5	16QAM	25	0	18.98	18.80	19.09	18.95	18.91	20.00
5		1	0	18.98	18.97	19.07	18.86	18.87	20.00
5		1	12	18.87	18.71	19.07	18.91	18.91	20.00
5		1	24	18.89	18.82	19.03	18.97	18.80	20.00
5		12	0	18.96	18.80	19.16	18.95	18.93	20.00
5		12	7	18.80	18.76	18.93	18.86	18.80	20.00
5	64QAM	12	13	18.81	18.84	19.09	18.84	18.91	20.00
5		25	0	18.89	18.73	19.01	18.72	18.73	20.00
5		1	0	18.81	18.75	18.96	18.91	18.82	20.00
5		1	12	18.87	18.86	19.01	18.73	18.81	20.00
5		1	24	18.88	18.85	19.13	18.98	18.97	20.00
5		12	0	18.86	18.72	19.06	18.82	18.79	20.00
5	256QAM	12	7	18.90	18.78	19.09	18.89	18.82	20.00
5		12	13	18.82	18.72	18.91	18.73	18.86	20.00
5		25	0	18.85	18.84	18.96	18.89	18.88	20.00
5		1	0	18.86	18.60	18.96	18.81	18.81	20.00
5		1	12	18.71	18.69	19.01	18.76	18.76	20.00
5		1	24	18.68	18.67	18.98	18.77	18.72	20.00
5		12	0	18.79	18.68	18.95	18.71	18.78	20.00
5		12	7	18.79	18.63	18.98	18.83	18.84	20.00
5		12	13	18.70	18.71	18.93	18.81	18.83	20.00
5		25	0	18.70	18.78	18.85	18.78	18.78	20.00

<LTE Band 2_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.27	19.33	19.25	20.00
20		1	49	19.18	19.31	19.15	20.00
20		1	99	19.14	19.25	19.08	20.00
20		50	0	19.12	19.27	19.10	20.00
20		50	24	19.03	19.21	19.11	20.00
20		50	50	19.15	19.24	19.05	20.00
20		100	0	19.05	19.20	19.04	20.00
20	16QAM	1	0	19.15	19.25	19.16	20.00
20		1	49	19.11	19.23	19.05	20.00
20		1	99	19.11	19.21	19.12	20.00
20		50	0	19.07	19.19	19.09	20.00
20		50	24	19.10	19.24	19.03	20.00
20		50	50	19.05	19.21	19.09	20.00
20		100	0	19.04	19.20	19.10	20.00
20	64QAM	1	0	19.08	19.20	19.00	20.00
20		1	49	19.03	19.18	19.00	20.00
20		1	99	19.09	19.23	19.03	20.00
20		50	0	19.03	19.22	19.08	20.00
20		50	24	19.07	19.20	19.07	20.00
20		50	50	19.03	19.20	19.02	20.00
20		100	0	18.98	19.18	19.03	20.00
20	256QAM	1	0	19.13	19.24	19.08	20.00
20		1	49	19.02	19.22	19.03	20.00
20		1	99	19.13	19.21	19.05	20.00
20		50	0	18.94	19.15	19.03	20.00
20		50	24	19.10	19.17	18.99	20.00
20		50	50	19.09	19.20	19.10	20.00
20		100	0	19.10	19.23	19.10	20.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.17	19.28	19.17	20.00
15		1	37	19.04	19.27	19.07	20.00
15		1	74	19.07	19.22	19.01	20.00
15		36	0	19.07	19.17	18.97	20.00
15		36	20	18.97	19.18	19.04	20.00
15		36	39	19.08	19.18	18.94	20.00
15		75	0	18.91	19.07	18.89	20.00
15	16QAM	1	0	19.07	19.17	19.13	20.00
15		1	37	19.00	19.14	18.92	20.00
15		1	74	19.04	19.10	19.10	20.00
15		36	0	19.01	19.09	18.96	20.00
15		36	20	18.97	19.19	18.93	20.00
15		36	39	18.96	19.16	19.05	20.00
15		75	0	18.89	19.17	18.96	20.00
15	64QAM	1	0	19.07	19.15	18.86	20.00
15		1	37	19.00	19.04	18.96	20.00
15		1	74	19.02	19.17	18.91	20.00
15		36	0	19.00	19.17	19.01	20.00
15		36	20	19.04	19.16	18.97	20.00
15		36	39	19.00	19.08	18.87	20.00
15		75	0	18.93	19.09	19.00	20.00
15	256QAM	1	0	19.02	19.15	18.98	20.00
15		1	37	18.98	19.20	19.00	20.00
15		1	74	19.12	19.15	19.01	20.00
15		36	0	18.81	19.01	18.98	20.00
15		36	20	18.97	19.16	18.96	20.00
15		36	39	19.06	19.18	19.05	20.00
15		75	0	18.99	19.14	18.96	20.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	19.21	19.30	19.21	20.00
10		1	25	19.08	19.28	19.06	20.00

10	QPSK	1	49	19.03	19.23	18.99	20.00	
10		25	0	18.99	19.18	19.06	20.00	
10		25	12	18.98	19.20	19.07	20.00	
10		25	25	19.11	19.14	19.01	20.00	
10		50	0	18.98	19.07	18.91	20.00	
10	16QAM	1	0	19.01	19.17	19.08	20.00	
10		1	25	19.10	19.17	18.99	20.00	
10		1	49	19.01	19.08	19.04	20.00	
10		25	0	19.04	19.08	18.98	20.00	
10		25	12	19.03	19.22	18.95	20.00	
10		25	25	19.03	19.08	18.97	20.00	
10		50	0	18.98	19.16	19.01	20.00	
10	64QAM	1	0	19.04	19.08	18.92	20.00	
10		1	25	18.97	19.03	18.93	20.00	
10		1	49	18.95	19.19	18.89	20.00	
10		25	0	18.94	19.17	18.95	20.00	
10		25	12	19.05	19.15	18.94	20.00	
10		25	25	18.90	19.08	18.97	20.00	
10		50	0	18.87	19.08	18.92	20.00	
10	256QAM	1	0	19.11	19.16	19.00	20.00	
10		1	25	18.91	19.21	18.94	20.00	
10		1	49	19.05	19.11	18.99	20.00	
10		25	0	18.83	19.02	18.89	20.00	
10		25	12	19.06	19.09	18.91	20.00	
10		25	25	19.07	19.18	18.95	20.00	
10		50	0	19.00	19.17	19.00	20.00	
Channel				18625	18900	19175	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.23	19.28	19.20	20.00	
5		1	12	19.05	19.29	19.11	20.00	
5		1	24	19.11	19.11	19.04	20.00	
5		12	0	18.99	19.18	19.00	20.00	
5		12	7	18.97	19.06	19.08	20.00	
5		12	13	19.07	19.21	18.94	20.00	
5	16QAM	25	0	18.99	19.16	18.92	20.00	
5		1	0	19.11	19.11	19.09	20.00	
5		1	12	18.98	19.11	18.97	20.00	
5		1	24	19.04	19.14	19.06	20.00	
5		12	0	19.02	19.08	18.97	20.00	
5		12	7	18.96	19.14	18.99	20.00	
5		12	13	19.04	19.19	19.05	20.00	
5	64QAM	25	0	19.01	19.09	18.95	20.00	
5		1	0	18.95	19.15	18.87	20.00	
5		1	12	18.93	19.11	18.85	20.00	
5		1	24	18.98	19.09	18.97	20.00	
5		12	0	18.99	19.07	19.00	20.00	
5		12	7	19.02	19.13	19.01	20.00	
5		12	13	18.88	19.09	18.93	20.00	
5		25	0	18.86	19.11	18.88	20.00	
5		256QAM	1	0	19.02	19.22	18.94	20.00
5			1	12	18.87	19.18	18.91	20.00
5	1		24	19.00	19.07	18.98	20.00	
5	12		0	18.84	19.06	18.99	20.00	
5	12		7	19.03	19.14	18.93	20.00	
5	12		13	19.00	19.12	19.08	20.00	
5	25		0	19.06	19.19	19.05	20.00	
Channel				18615	18900	19185	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.18	19.29	19.21	20.00	
3		1	8	19.11	19.26	19.12	20.00	
3		1	14	19.12	19.15	18.95	20.00	
3		8	0	19.11	19.24	19.08	20.00	
3		8	4	18.90	19.20	18.98	20.00	
3		8	7	19.03	19.18	19.04	20.00	
3		15	0	18.95	19.09	18.99	20.00	
3	QPSK	1	0	19.13	19.13	19.01	20.00	
3		1	8	19.08	19.14	19.02	20.00	

3	16QAM	1	14	19.02	19.10	19.02	20.00
3		8	0	19.01	19.09	19.07	20.00
3		8	4	19.01	19.21	18.88	20.00
3		8	7	18.97	19.15	18.95	20.00
3		15	0	19.01	19.16	19.05	20.00
3	64QAM	1	0	18.95	19.07	18.96	20.00
3		1	8	19.01	19.09	18.91	20.00
3		1	14	19.00	19.11	18.89	20.00
3		8	0	18.95	19.10	18.99	20.00
3		8	4	18.94	19.15	19.03	20.00
3	256QAM	8	7	18.96	19.13	18.91	20.00
3		15	0	18.91	19.16	18.92	20.00
3		1	0	19.02	19.13	19.02	20.00
3		1	8	18.94	19.14	19.02	20.00
3		1	14	19.06	19.14	18.97	20.00
3	256QAM	8	0	18.84	19.03	19.00	20.00
3		8	4	19.04	19.10	18.90	20.00
3		8	7	18.98	19.12	19.08	20.00
3		15	0	18.96	19.10	18.95	20.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.15	19.24	19.11	20.00
1.4		1	3	19.06	19.21	19.01	20.00
1.4		1	5	19.04	19.20	18.98	20.00
1.4		3	0	19.01	19.19	19.02	20.00
1.4		3	1	18.96	19.08	19.08	20.00
1.4		3	3	19.07	19.22	18.95	20.00
1.4		6	0	19.00	19.11	19.01	20.00
1.4	16QAM	1	0	19.06	19.13	19.05	20.00
1.4		1	3	19.08	19.11	19.02	20.00
1.4		1	5	19.08	19.19	18.99	20.00
1.4		3	0	19.03	19.05	18.97	20.00
1.4		3	1	18.98	19.18	18.92	20.00
1.4		3	3	18.98	19.08	18.95	20.00
1.4		6	0	19.02	19.14	19.05	20.00
1.4	64QAM	1	0	19.04	19.15	18.95	20.00
1.4		1	3	18.99	19.08	18.98	20.00
1.4		1	5	19.03	19.13	18.90	20.00
1.4		3	0	19.00	19.14	18.95	20.00
1.4		3	1	19.01	19.14	19.05	20.00
1.4		3	3	18.89	19.16	18.94	20.00
1.4		6	0	18.87	19.06	18.95	20.00
1.4	256QAM	1	0	19.09	19.22	19.04	20.00
1.4		1	3	18.92	19.20	18.90	20.00
1.4		1	5	19.11	19.16	18.94	20.00
1.4		3	0	18.91	19.13	18.92	20.00
1.4		3	1	18.99	19.13	18.89	20.00
1.4		3	3	19.06	19.06	19.03	20.00
1.4		6	0	19.05	19.12	18.95	20.00

<LTE Band 4_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.46	19.53	19.43	20.00
20		1	49	19.43	19.51	19.27	20.00
20		1	99	19.34	19.47	19.28	20.00
20		50	0	19.30	19.50	19.29	20.00
20		50	24	19.36	19.46	19.31	20.00
20		50	50	19.20	19.41	19.17	20.00
20		100	0	19.34	19.48	19.37	20.00
20	16QAM	1	0	19.32	19.41	19.18	20.00
20		1	49	19.35	19.45	19.27	20.00
20		1	99	19.31	19.44	19.29	20.00
20		50	0	19.18	19.37	19.18	20.00
20		50	24	19.29	19.39	19.19	20.00
20		50	50	19.21	19.38	19.16	20.00
20		100	0	19.16	19.33	19.16	20.00
20	64QAM	1	0	19.15	19.34	19.16	20.00
20		1	49	19.22	19.35	19.13	20.00
20		1	99	19.14	19.33	19.16	20.00
20		50	0	19.28	19.39	19.28	20.00
20		50	24	19.19	19.40	19.25	20.00
20		50	50	19.24	19.38	19.15	20.00
20		100	0	19.31	19.40	19.24	20.00
20	256QAM	1	0	19.24	19.38	19.18	20.00
20		1	49	19.23	19.34	19.20	20.00
20		1	99	19.12	19.30	19.14	20.00
20		50	0	19.22	19.41	19.16	20.00
20		50	24	19.15	19.25	19.03	20.00
20		50	50	19.08	19.29	19.11	20.00
20		100	0	19.13	19.33	19.18	20.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.43	19.49	19.34	20.00
15		1	37	19.36	19.48	19.17	20.00
15		1	74	19.21	19.37	19.23	20.00
15		36	0	19.23	19.39	19.22	20.00
15		36	20	19.25	19.41	19.28	20.00
15		36	39	19.08	19.29	19.09	20.00
15		75	0	19.31	19.42	19.29	20.00
15	16QAM	1	0	19.25	19.34	19.12	20.00
15		1	37	19.33	19.33	19.13	20.00
15		1	74	19.24	19.41	19.21	20.00
15		36	0	19.11	19.33	19.04	20.00
15		36	20	19.22	19.28	19.07	20.00
15		36	39	19.08	19.25	19.14	20.00
15		75	0	19.07	19.25	19.04	20.00
15	64QAM	1	0	19.07	19.29	19.12	20.00
15		1	37	19.08	19.24	18.99	20.00
15		1	74	19.05	19.19	19.02	20.00
15		36	0	19.26	19.33	19.19	20.00
15		36	20	19.18	19.39	19.20	20.00
15		36	39	19.18	19.36	19.09	20.00
15		75	0	19.17	19.33	19.11	20.00
15	256QAM	1	0	19.11	19.32	19.07	20.00
15		1	37	19.16	19.23	19.06	20.00
15		1	74	19.01	19.19	19.09	20.00
15		36	0	19.20	19.33	19.12	20.00
15		36	20	19.09	19.15	18.94	20.00
15		36	39	18.94	19.18	19.09	20.00
15		75	0	19.02	19.19	19.12	20.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10		1	0	19.38	19.39	19.38	20.00
10		1	25	19.33	19.49	19.18	20.00

10	QPSK	1	49	19.28	19.33	19.16	20.00	
10		25	0	19.15	19.49	19.26	20.00	
10		25	12	19.27	19.40	19.17	20.00	
10		25	25	19.08	19.28	19.16	20.00	
10		50	0	19.32	19.44	19.34	20.00	
10	16QAM	1	0	19.29	19.34	19.12	20.00	
10		1	25	19.31	19.36	19.12	20.00	
10		1	49	19.17	19.36	19.23	20.00	
10		25	0	19.11	19.24	19.07	20.00	
10		25	12	19.21	19.37	19.16	20.00	
10		25	25	19.08	19.33	19.06	20.00	
10		50	0	19.09	19.31	19.10	20.00	
10	64QAM	1	0	19.07	19.21	19.06	20.00	
10		1	25	19.16	19.28	19.08	20.00	
10		1	49	19.10	19.24	19.02	20.00	
10		25	0	19.22	19.31	19.17	20.00	
10		25	12	19.05	19.34	19.19	20.00	
10		25	25	19.22	19.30	19.08	20.00	
10	256QAM	50	0	19.30	19.27	19.15	20.00	
10		1	0	19.21	19.37	19.09	20.00	
10		1	25	19.11	19.24	19.13	20.00	
10		1	49	19.00	19.23	19.00	20.00	
10		25	0	19.13	19.28	19.05	20.00	
10		25	12	19.01	19.12	18.99	20.00	
10		25	25	18.98	19.27	18.98	20.00	
10		50	0	19.09	19.19	19.17	20.00	
Channel				19975	20175	20375	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.42	19.43	19.41	20.00	
5		1	12	19.41	19.49	19.24	20.00	
5		1	24	19.32	19.32	19.22	20.00	
5		12	0	19.19	19.47	19.18	20.00	
5		12	7	19.25	19.37	19.27	20.00	
5		12	13	19.13	19.37	19.04	20.00	
5	16QAM	25	0	19.22	19.39	19.33	20.00	
5		1	0	19.18	19.31	19.10	20.00	
5		1	12	19.31	19.44	19.20	20.00	
5		1	24	19.26	19.31	19.23	20.00	
5		12	0	19.14	19.26	19.04	20.00	
5		12	7	19.16	19.27	19.13	20.00	
5		12	13	19.16	19.31	19.13	20.00	
5	64QAM	25	0	19.12	19.28	19.11	20.00	
5		1	0	19.12	19.28	19.03	20.00	
5		1	12	19.21	19.26	19.05	20.00	
5		1	24	19.03	19.29	19.13	20.00	
5		12	0	19.19	19.32	19.21	20.00	
5		12	7	19.16	19.27	19.18	20.00	
5		12	13	19.15	19.28	19.12	20.00	
5		25	0	19.27	19.27	19.09	20.00	
5		256QAM	1	0	19.18	19.37	19.04	20.00
5			1	12	19.11	19.26	19.16	20.00
5	1		24	19.05	19.20	19.13	20.00	
5	12		0	19.08	19.28	19.07	20.00	
5	12		7	19.07	19.21	18.97	20.00	
5	12		13	19.03	19.28	18.97	20.00	
5	25		0	19.09	19.26	19.11	20.00	
Channel				19965	20175	20385	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.37	19.39	19.38	20.00	
3		1	8	19.30	19.48	19.15	20.00	
3		1	14	19.25	19.33	19.23	20.00	
3		8	0	19.29	19.38	19.27	20.00	
3		8	4	19.23	19.39	19.20	20.00	
3		8	7	19.18	19.37	19.10	20.00	
3		15	0	19.21	19.40	19.28	20.00	
3		1	0	19.21	19.26	19.05	20.00	
3		1	8	19.22	19.41	19.22	20.00	

3	16QAM	1	14	19.30	19.33	19.15	20.00
3		8	0	19.09	19.31	19.17	20.00
3		8	4	19.18	19.27	19.09	20.00
3		8	7	19.10	19.31	19.05	20.00
3		15	0	19.01	19.21	19.07	20.00
3	64QAM	1	0	19.05	19.23	19.06	20.00
3		1	8	19.08	19.25	19.07	20.00
3		1	14	19.00	19.27	19.12	20.00
3		8	0	19.18	19.29	19.18	20.00
3		8	4	19.11	19.30	19.11	20.00
3	256QAM	8	7	19.19	19.28	19.10	20.00
3		15	0	19.18	19.30	19.23	20.00
3		1	0	19.18	19.34	19.08	20.00
3		1	8	19.12	19.22	19.18	20.00
3		1	14	19.04	19.28	19.12	20.00
3		8	0	19.12	19.29	19.14	20.00
3		8	4	19.01	19.14	19.02	20.00
3		8	7	19.07	19.16	19.05	20.00
3		15	0	18.99	19.30	19.12	20.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.40	19.47	19.42	20.00
1.4		1	3	19.36	19.40	19.22	20.00
1.4		1	5	19.26	19.43	19.18	20.00
1.4		3	0	19.25	19.46	19.17	20.00
1.4		3	1	19.32	19.33	19.23	20.00
1.4		3	3	19.14	19.30	19.07	20.00
1.4		6	0	19.24	19.36	19.29	20.00
1.4	16QAM	1	0	19.23	19.29	19.06	20.00
1.4		1	3	19.21	19.35	19.19	20.00
1.4		1	5	19.24	19.41	19.18	20.00
1.4		3	0	19.11	19.24	19.15	20.00
1.4		3	1	19.24	19.30	19.14	20.00
1.4		3	3	19.08	19.30	19.13	20.00
1.4		6	0	19.12	19.26	19.03	20.00
1.4	64QAM	1	0	19.10	19.32	19.13	20.00
1.4		1	3	19.09	19.26	19.05	20.00
1.4		1	5	19.10	19.30	19.06	20.00
1.4		3	0	19.17	19.38	19.16	20.00
1.4		3	1	19.12	19.29	19.21	20.00
1.4		3	3	19.18	19.33	19.11	20.00
1.4		6	0	19.22	19.30	19.15	20.00
1.4	256QAM	1	0	19.15	19.35	19.09	20.00
1.4		1	3	19.12	19.24	19.14	20.00
1.4		1	5	19.07	19.19	19.04	20.00
1.4		3	0	19.12	19.31	19.06	20.00
1.4		3	1	19.10	19.23	18.93	20.00
1.4		3	3	18.93	19.15	19.06	20.00
1.4		6	0	19.00	19.30	19.05	20.00

<LTE Band 7_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	18.40	18.45	18.39	19.00
20		1	49	18.33	18.42	18.22	19.00
20		1	99	18.27	18.40	18.28	19.00
20		50	0	18.22	18.42	18.25	19.00
20		50	24	18.21	18.41	18.31	19.00
20		50	50	18.19	18.33	18.12	19.00
20		100	0	18.24	18.36	18.17	19.00
20	16QAM	1	0	18.17	18.32	18.16	19.00
20		1	49	18.26	18.41	18.31	19.00
20		1	99	18.36	18.44	18.33	19.00
20		50	0	18.25	18.32	18.24	19.00
20		50	24	18.16	18.33	18.15	19.00
20		50	50	18.29	18.41	18.21	19.00
20		100	0	18.16	18.33	18.19	19.00
20	64QAM	1	0	18.30	18.37	18.26	19.00
20		1	49	18.22	18.39	18.23	19.00
20		1	99	18.19	18.31	18.24	19.00
20		50	0	18.28	18.41	18.25	19.00
20		50	24	18.20	18.40	18.20	19.00
20		50	50	18.31	18.38	18.23	19.00
20		100	0	18.14	18.33	18.22	19.00
20	256QAM	1	0	18.18	18.36	18.20	19.00
20		1	49	18.31	18.38	18.26	19.00
20		1	99	18.27	18.40	18.31	19.00
20		50	0	18.19	18.36	18.25	19.00
20		50	24	18.14	18.33	18.25	19.00
20		50	50	18.29	18.37	18.25	19.00
20		100	0	18.15	18.35	18.23	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	18.28	18.40	18.34	19.00
15		1	37	18.27	18.35	18.14	19.00
15		1	74	18.15	18.30	18.20	19.00
15		36	0	18.12	18.37	18.24	19.00
15		36	20	18.08	18.35	18.21	19.00
15		36	39	18.10	18.20	18.03	19.00
15		75	0	18.11	18.34	18.14	19.00
15	16QAM	1	0	18.03	18.21	18.05	19.00
15		1	37	18.17	18.38	18.18	19.00
15		1	74	18.34	18.31	18.19	19.00
15		36	0	18.23	18.24	18.17	19.00
15		36	20	18.14	18.19	18.07	19.00
15		36	39	18.24	18.33	18.17	19.00
15		75	0	18.02	18.23	18.05	19.00
15	64QAM	1	0	18.15	18.32	18.22	19.00
15		1	37	18.08	18.36	18.10	19.00
15		1	74	18.13	18.30	18.16	19.00
15		36	0	18.15	18.38	18.18	19.00
15		36	20	18.15	18.34	18.09	19.00
15		36	39	18.21	18.32	18.16	19.00
15		75	0	18.05	18.30	18.19	19.00
15	256QAM	1	0	18.10	18.34	18.12	19.00
15		1	37	18.29	18.25	18.12	19.00
15		1	74	18.15	18.29	18.23	19.00
15		36	0	18.05	18.24	18.13	19.00
15		36	20	18.00	18.20	18.18	19.00
15		36	39	18.18	18.30	18.20	19.00
15		75	0	18.12	18.21	18.16	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10		1	0	18.30	18.38	18.29	19.00
10		1	25	18.30	18.32	18.09	19.00

10	QPSK	1	49	18.24	18.29	18.20	19.00
10		25	0	18.13	18.29	18.17	19.00
10		25	12	18.17	18.35	18.21	19.00
10		25	25	18.06	18.19	17.99	19.00
10		50	0	18.19	18.30	18.04	19.00
10	16QAM	1	0	18.13	18.19	18.11	19.00
10		1	25	18.20	18.38	18.17	19.00
10		1	49	18.27	18.35	18.22	19.00
10		25	0	18.21	18.28	18.19	19.00
10		25	12	18.04	18.21	18.03	19.00
10		25	25	18.16	18.29	18.10	19.00
10		50	0	18.06	18.30	18.18	19.00
10	64QAM	1	0	18.23	18.34	18.13	19.00
10		1	25	18.12	18.31	18.17	19.00
10		1	49	18.17	18.23	18.19	19.00
10		25	0	18.17	18.39	18.22	19.00
10		25	12	18.06	18.34	18.08	19.00
10		25	25	18.28	18.26	18.21	19.00
10		50	0	18.05	18.30	18.07	19.00
10	256QAM	1	0	18.06	18.28	18.07	19.00
10		1	25	18.16	18.29	18.15	19.00
10		1	49	18.13	18.38	18.21	19.00
10		25	0	18.18	18.23	18.16	19.00
10		25	12	18.10	18.27	18.13	19.00
10		25	25	18.28	18.23	18.23	19.00
10		50	0	18.12	18.31	18.10	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	18.29	18.42	18.30	19.00
5		1	12	18.22	18.32	18.10	19.00
5		1	24	18.25	18.35	18.17	19.00
5		12	0	18.09	18.39	18.22	19.00
5		12	7	18.18	18.30	18.20	19.00
5		12	13	18.07	18.25	18.03	19.00
5		25	0	18.10	18.23	18.15	19.00
5	16QAM	1	0	18.10	18.26	18.09	19.00
5		1	12	18.19	18.32	18.28	19.00
5		1	24	18.29	18.33	18.28	19.00
5		12	0	18.24	18.19	18.11	19.00
5		12	7	18.09	18.30	18.09	19.00
5		12	13	18.18	18.32	18.12	19.00
5		25	0	18.03	18.32	18.12	19.00
5	64QAM	1	0	18.16	18.32	18.24	19.00
5		1	12	18.12	18.26	18.16	19.00
5		1	24	18.09	18.23	18.20	19.00
5		12	0	18.27	18.35	18.11	19.00
5		12	7	18.05	18.32	18.15	19.00
5		12	13	18.22	18.24	18.22	19.00
5		25	0	18.04	18.29	18.16	19.00
5	256QAM	1	0	18.17	18.30	18.08	19.00
5		1	12	18.30	18.35	18.24	19.00
5		1	24	18.15	18.33	18.20	19.00
5		12	0	18.06	18.28	18.16	19.00
5		12	7	18.11	18.23	18.22	19.00
5		12	13	18.25	18.32	18.11	19.00
5		25	0	18.02	18.33	18.14	19.00

<LTE Band 25_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.41	19.51	19.45	20.00
20		1	49	19.32	19.50	19.40	20.00
20		1	99	19.21	19.37	19.27	20.00
20		50	0	19.27	19.45	19.33	20.00
20		50	24	19.20	19.42	19.30	20.00
20		50	50	19.23	19.41	19.25	20.00
20		100	0	19.17	19.38	19.30	20.00
20	16QAM	1	0	19.27	19.44	19.37	20.00
20		1	49	19.26	19.38	19.19	20.00
20		1	99	19.21	19.37	19.29	20.00
20		50	0	19.21	19.35	19.24	20.00
20		50	24	19.09	19.33	19.12	20.00
20		50	50	19.23	19.46	19.38	20.00
20		100	0	19.17	19.41	19.24	20.00
20	64QAM	1	0	19.30	19.42	19.28	20.00
20		1	49	19.16	19.40	19.26	20.00
20		1	99	19.13	19.35	19.15	20.00
20		50	0	19.26	19.38	19.23	20.00
20		50	24	19.26	19.42	19.29	20.00
20		50	50	19.14	19.35	19.22	20.00
20		100	0	19.12	19.33	19.19	20.00
20	256QAM	1	0	19.20	19.33	19.17	20.00
20		1	49	19.19	19.38	19.26	20.00
20		1	99	19.17	19.30	19.11	20.00
20		50	0	19.27	19.40	19.32	20.00
20		50	24	19.15	19.35	19.21	20.00
20		50	50	19.18	19.30	19.22	20.00
20		100	0	19.17	19.32	19.12	20.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	19.37	19.48	19.35	20.00
15		1	37	19.30	19.49	19.35	20.00
15		1	74	19.17	19.28	19.16	20.00
15		36	0	19.14	19.35	19.30	20.00
15		36	20	19.07	19.40	19.26	20.00
15		36	39	19.20	19.30	19.18	20.00
15		75	0	19.08	19.32	19.22	20.00
15	16QAM	1	0	19.17	19.34	19.36	20.00
15		1	37	19.13	19.35	19.13	20.00
15		1	74	19.17	19.34	19.15	20.00
15		36	0	19.17	19.21	19.13	20.00
15		36	20	18.98	19.30	19.10	20.00
15		36	39	19.10	19.33	19.31	20.00
15		75	0	19.02	19.36	19.16	20.00
15	64QAM	1	0	19.20	19.37	19.16	20.00
15		1	37	19.03	19.26	19.25	20.00
15		1	74	19.00	19.27	19.03	20.00
15		36	0	19.17	19.28	19.18	20.00
15		36	20	19.14	19.36	19.25	20.00
15		36	39	19.11	19.26	19.15	20.00
15		75	0	18.99	19.29	19.08	20.00
15	256QAM	1	0	19.16	19.32	19.11	20.00
15		1	37	19.05	19.31	19.15	20.00
15		1	74	19.06	19.29	19.06	20.00
15		36	0	19.14	19.27	19.23	20.00
15		36	20	19.13	19.29	19.18	20.00
15		36	39	19.13	19.18	19.18	20.00
15		75	0	19.13	19.22	19.04	20.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10		1	0	19.36	19.39	19.31	20.00
10		1	25	19.27	19.44	19.25	20.00

10	QPSK	1	49	19.06	19.25	19.19	20.00	
10		25	0	19.25	19.41	19.18	20.00	
10		25	12	19.12	19.28	19.18	20.00	
10		25	25	19.09	19.36	19.17	20.00	
10		50	0	19.04	19.33	19.27	20.00	
10	16QAM	1	0	19.26	19.35	19.33	20.00	
10		1	25	19.21	19.34	19.10	20.00	
10		1	49	19.12	19.31	19.28	20.00	
10		25	0	19.09	19.23	19.20	20.00	
10		25	12	18.95	19.31	19.10	20.00	
10		25	25	19.21	19.34	19.34	20.00	
10	64QAM	50	0	19.05	19.27	19.15	20.00	
10		1	0	19.16	19.32	19.24	20.00	
10		1	25	19.09	19.34	19.25	20.00	
10		1	49	19.06	19.25	19.04	20.00	
10		25	0	19.24	19.24	19.19	20.00	
10		25	12	19.20	19.34	19.23	20.00	
10	256QAM	25	25	19.00	19.21	19.19	20.00	
10		50	0	19.02	19.29	19.06	20.00	
10		1	0	19.18	19.21	19.12	20.00	
10		1	25	19.13	19.37	19.13	20.00	
10		1	49	19.03	19.18	19.10	20.00	
10		25	0	19.13	19.26	19.27	20.00	
10	Channel	25	12	19.02	19.26	19.14	20.00	
10		25	25	19.09	19.26	19.19	20.00	
10		50	0	19.06	19.30	19.04	20.00	
Channel				26065	26340	26665	Tune-up Limit (dBm)	
Frequency (MHz)				1852.5	1880	1912.5		
5		QPSK	1	0	19.33	19.38	19.34	20.00
5	1		12	19.28	19.49	19.33	20.00	
5	1		24	19.16	19.34	19.23	20.00	
5	12		0	19.14	19.36	19.27	20.00	
5	12		7	19.19	19.33	19.24	20.00	
5	12		13	19.19	19.26	19.19	20.00	
5	16QAM	25	0	19.04	19.29	19.28	20.00	
5		1	0	19.15	19.33	19.34	20.00	
5		1	12	19.22	19.31	19.10	20.00	
5		1	24	19.11	19.33	19.14	20.00	
5		12	0	19.08	19.30	19.11	20.00	
5		12	7	18.95	19.24	19.03	20.00	
5	64QAM	12	13	19.09	19.44	19.36	20.00	
5		25	0	19.02	19.31	19.20	20.00	
5		1	0	19.22	19.41	19.13	20.00	
5		1	12	19.04	19.34	19.22	20.00	
5		1	24	19.12	19.24	19.08	20.00	
5		12	0	19.24	19.33	19.19	20.00	
5	256QAM	12	7	19.13	19.37	19.14	20.00	
5		12	13	19.00	19.31	19.10	20.00	
5		25	0	19.02	19.22	19.10	20.00	
5		1	0	19.17	19.19	19.06	20.00	
5		1	12	19.16	19.34	19.19	20.00	
5		1	24	19.15	19.24	18.98	20.00	
5	Channel	12	0	19.14	19.25	19.19	20.00	
5		12	7	19.10	19.30	19.11	20.00	
5		12	13	19.16	19.25	19.13	20.00	
5		25	0	19.07	19.18	19.09	20.00	
Channel				26055	26340	26675	Tune-up Limit (dBm)	
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.32	19.44	19.34	20.00	
3		1	8	19.30	19.47	19.38	20.00	
3		1	14	19.15	19.35	19.16	20.00	
3		8	0	19.19	19.38	19.26	20.00	
3		8	4	19.12	19.40	19.25	20.00	
3		8	7	19.13	19.37	19.17	20.00	
3	Channel	15	0	19.03	19.26	19.28	20.00	
3		1	0	19.19	19.34	19.35	20.00	
3		1	8	19.17	19.35	19.14	20.00	

3	16QAM	1	14	19.16	19.29	19.24	20.00
3		8	0	19.11	19.30	19.22	20.00
3		8	4	19.00	19.30	19.03	20.00
3		8	7	19.09	19.45	19.26	20.00
3		15	0	19.12	19.28	19.13	20.00
3	64QAM	1	0	19.27	19.35	19.21	20.00
3		1	8	19.08	19.33	19.13	20.00
3		1	14	18.99	19.33	19.03	20.00
3		8	0	19.13	19.31	19.18	20.00
3		8	4	19.14	19.41	19.16	20.00
3	256QAM	8	7	19.12	19.27	19.17	20.00
3		15	0	18.99	19.20	19.16	20.00
3		1	0	19.07	19.25	19.13	20.00
3		1	8	19.11	19.33	19.19	20.00
3		1	14	19.03	19.16	19.07	20.00
3	256QAM	8	0	19.19	19.36	19.30	20.00
3		8	4	19.07	19.26	19.10	20.00
3		8	7	19.16	19.23	19.14	20.00
3		15	0	19.10	19.19	19.05	20.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.37	19.48	19.43	20.00
1.4		1	3	19.18	19.40	19.38	20.00
1.4		1	5	19.17	19.33	19.15	20.00
1.4		3	0	19.15	19.30	19.32	20.00
1.4		3	1	19.11	19.34	19.15	20.00
1.4		3	3	19.08	19.31	19.12	20.00
1.4		6	0	19.02	19.23	19.26	20.00
1.4	16QAM	1	0	19.23	19.33	19.25	20.00
1.4		1	3	19.19	19.36	19.05	20.00
1.4		1	5	19.19	19.25	19.27	20.00
1.4		3	0	19.09	19.29	19.11	20.00
1.4		3	1	19.06	19.20	19.04	20.00
1.4		3	3	19.21	19.44	19.25	20.00
1.4		6	0	19.14	19.40	19.12	20.00
1.4	64QAM	1	0	19.19	19.33	19.15	20.00
1.4		1	3	19.14	19.26	19.17	20.00
1.4		1	5	19.11	19.31	19.09	20.00
1.4		3	0	19.12	19.24	19.17	20.00
1.4		3	1	19.16	19.29	19.21	20.00
1.4		3	3	19.13	19.34	19.18	20.00
1.4		6	0	19.09	19.26	19.15	20.00
1.4	256QAM	1	0	19.16	19.23	19.05	20.00
1.4		1	3	19.08	19.28	19.14	20.00
1.4		1	5	19.11	19.22	19.09	20.00
1.4		3	0	19.17	19.30	19.19	20.00
1.4		3	1	19.07	19.30	19.17	20.00
1.4		3	3	19.04	19.20	19.13	20.00
1.4		6	0	19.08	19.17	19.01	20.00

<LTE Band 30_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel					27710		Tune-up Limit (dBm)	
Frequency (MHz)					2310			
10	QPSK	1	0		17.45		18.50	
10		1	25		17.40		18.50	
10		1	49		17.38		18.50	
10		25	0		17.35		18.50	
10		25	12		17.28		18.50	
10		25	25		17.33		18.50	
10	16QAM	50	0		17.26		18.50	
10		1	0		17.38		18.50	
10		1	25		17.33		18.50	
10		1	49		17.29		18.50	
10		25	0		17.35		18.50	
10		25	12		17.31		18.50	
10	64QAM	25	25		17.30		18.50	
10		50	0		17.26		18.50	
10		1	0		17.22		18.50	
10		1	25		17.31		18.50	
10		1	49		17.28		18.50	
10		25	0		17.30		18.50	
10	256QAM	25	12		17.25		18.50	
10		25	25		17.31		18.50	
10		50	0		17.35		18.50	
10		1	0		17.33		18.50	
10		1	25		17.30		18.50	
10		1	49		17.26		18.50	
10	QPSK	25	0		17.24		18.50	
10		25	12		17.21		18.50	
10		25	25		17.22		18.50	
10		50	0		17.19		18.50	
Channel				27685	27710	27735	Tune-up Limit (dBm)	
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.35	17.38	17.31	18.50	
5		1	12	17.07	17.25	17.07	18.50	
5		1	24	17.17	17.24	17.03	18.50	
5		12	0	17.17	17.24	17.15	18.50	
5		12	7	17.00	17.15	17.04	18.50	
5		12	13	17.13	17.18	17.02	18.50	
5	16QAM	25	0	16.97	17.12	16.90	18.50	
5		1	0	17.21	17.28	17.13	18.50	
5		1	12	17.09	17.19	17.08	18.50	
5		1	24	17.03	17.18	17.07	18.50	
5		12	0	17.14	17.21	17.01	18.50	
5		12	7	17.06	17.21	17.00	18.50	
5	64QAM	12	13	17.12	17.18	17.01	18.50	
5		25	0	17.08	17.16	17.00	18.50	
5		1	0	17.05	17.21	17.09	18.50	
5		1	12	17.07	17.21	17.08	18.50	
5		1	24	16.99	17.15	16.98	18.50	
5		12	0	17.01	17.16	16.96	18.50	
5	256QAM	12	7	17.06	17.14	17.02	18.50	
5		12	13	17.06	17.18	17.04	18.50	
5		25	0	17.15	17.24	17.04	18.50	
5		1	0	17.05	17.18	17.05	18.50	
5		1	12	17.12	17.17	17.00	18.50	
5		1	24	17.02	17.11	17.03	18.50	
5	QPSK	12	0	16.98	17.15	17.06	18.50	
5		12	7	16.95	17.11	16.92	18.50	
5		12	13	17.02	17.09	16.94	18.50	
5		25	0	17.02	17.12	16.91	18.50	

<LTE Band 66_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.53	19.62	19.58	20.00	
20		1	49	19.35	19.48	19.41	20.00	
20		1	99	19.43	19.60	19.42	20.00	
20		50	0	19.42	19.55	19.45	20.00	
20		50	24	19.27	19.51	19.39	20.00	
20		50	50	19.35	19.50	19.36	20.00	
20	16QAM	100	0	19.38	19.53	19.43	20.00	
20		1	0	19.33	19.52	19.43	20.00	
20		1	49	19.31	19.50	19.36	20.00	
20		1	99	19.28	19.46	19.35	20.00	
20		50	0	19.28	19.51	19.33	20.00	
20		50	24	19.34	19.50	19.45	20.00	
20	64QAM	50	50	19.25	19.48	19.31	20.00	
20		100	0	19.24	19.48	19.32	20.00	
20		1	0	19.39	19.52	19.39	20.00	
20		1	49	19.28	19.50	19.38	20.00	
20		1	99	19.28	19.46	19.27	20.00	
20		50	0	19.33	19.51	19.40	20.00	
20	256QAM	50	24	19.30	19.48	19.32	20.00	
20		50	50	19.22	19.46	19.31	20.00	
20		100	0	19.31	19.47	19.35	20.00	
20		1	0	19.32	19.43	19.28	20.00	
20		1	49	19.33	19.46	19.41	20.00	
20		1	99	19.23	19.41	19.30	20.00	
20	256QAM	50	0	19.31	19.43	19.28	20.00	
20		50	24	19.36	19.46	19.32	20.00	
20		50	50	19.20	19.43	19.25	20.00	
20		100	0	19.19	19.40	19.29	20.00	
Channel				132047	132322	132597	Tune-up Limit (dBm)	
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.43	19.49	19.43	20.00	
15		1	37	19.23	19.38	19.30	20.00	
15		1	74	19.36	19.47	19.30	20.00	
15		36	0	19.41	19.49	19.32	20.00	
15		36	20	19.24	19.49	19.35	20.00	
15		36	39	19.24	19.48	19.34	20.00	
15	16QAM	75	0	19.36	19.44	19.35	20.00	
15		1	0	19.29	19.47	19.36	20.00	
15		1	37	19.18	19.37	19.23	20.00	
15		1	74	19.26	19.32	19.30	20.00	
15		36	0	19.22	19.44	19.28	20.00	
15		36	20	19.32	19.38	19.33	20.00	
15	64QAM	36	39	19.18	19.33	19.29	20.00	
15		75	0	19.17	19.45	19.25	20.00	
15		1	0	19.34	19.43	19.30	20.00	
15		1	37	19.18	19.45	19.33	20.00	
15		1	74	19.26	19.38	19.24	20.00	
15		36	0	19.20	19.38	19.29	20.00	
15	256QAM	36	20	19.24	19.36	19.20	20.00	
15		36	39	19.18	19.37	19.20	20.00	
15		75	0	19.20	19.43	19.31	20.00	
15		1	0	19.25	19.38	19.24	20.00	
15		1	37	19.22	19.42	19.40	20.00	
15		1	74	19.21	19.38	19.29	20.00	
15	256QAM	36	0	19.27	19.34	19.18	20.00	
15		36	20	19.35	19.33	19.26	20.00	
15		36	39	19.13	19.33	19.23	20.00	
15		75	0	19.05	19.30	19.21	20.00	
Channel				132022	132322	132622	Tune-up Limit (dBm)	
Frequency (MHz)				1715	1745	1775		
10		1	0	19.42	19.48	19.49	20.00	
10		1	25	19.20	19.45	19.28	20.00	

10	QPSK	1	49	19.31	19.58	19.35	20.00	
10		25	0	19.32	19.51	19.26	20.00	
10		25	12	19.26	19.42	19.25	20.00	
10		25	25	19.33	19.45	19.32	20.00	
10		50	0	19.26	19.52	19.41	20.00	
10	16QAM	1	0	19.20	19.41	19.37	20.00	
10		1	25	19.24	19.47	19.34	20.00	
10		1	49	19.16	19.38	19.30	20.00	
10		25	0	19.14	19.50	19.18	20.00	
10		25	12	19.21	19.44	19.35	20.00	
10		25	25	19.15	19.35	19.18	20.00	
10		50	0	19.22	19.35	19.19	20.00	
10	64QAM	1	0	19.35	19.46	19.29	20.00	
10		1	25	19.16	19.43	19.28	20.00	
10		1	49	19.24	19.40	19.12	20.00	
10		25	0	19.23	19.44	19.37	20.00	
10		25	12	19.26	19.33	19.22	20.00	
10		25	25	19.12	19.41	19.24	20.00	
10	256QAM	50	0	19.24	19.42	19.24	20.00	
10		1	0	19.26	19.30	19.25	20.00	
10		1	25	19.26	19.42	19.32	20.00	
10		1	49	19.11	19.32	19.27	20.00	
10		25	0	19.16	19.42	19.19	20.00	
10		25	12	19.34	19.41	19.27	20.00	
10		25	25	19.14	19.30	19.18	20.00	
10		50	0	19.11	19.30	19.21	20.00	
Channel				131997	132322	132647	Tune-up Limit (dBm)	
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.45	19.49	19.57	20.00	
5		1	12	19.32	19.47	19.37	20.00	
5		1	24	19.29	19.55	19.38	20.00	
5		12	0	19.37	19.48	19.21	20.00	
5		12	7	19.19	19.48	19.37	20.00	
5		12	13	19.23	19.36	19.23	20.00	
5	16QAM	25	0	19.33	19.48	19.39	20.00	
5		1	0	19.26	19.40	19.38	20.00	
5		1	12	19.26	19.41	19.31	20.00	
5		1	24	19.15	19.37	19.24	20.00	
5		12	0	19.14	19.50	19.24	20.00	
5		12	7	19.24	19.47	19.31	20.00	
5		12	13	19.22	19.40	19.27	20.00	
5	64QAM	25	0	19.13	19.36	19.21	20.00	
5		1	0	19.30	19.44	19.27	20.00	
5		1	12	19.14	19.37	19.23	20.00	
5		1	24	19.22	19.35	19.21	20.00	
5		12	0	19.25	19.38	19.32	20.00	
5		12	7	19.27	19.37	19.29	20.00	
5		12	13	19.16	19.43	19.20	20.00	
5		25	0	19.29	19.46	19.20	20.00	
5		256QAM	1	0	19.26	19.41	19.20	20.00
5			1	12	19.25	19.32	19.33	20.00
5	1		24	19.15	19.36	19.18	20.00	
5	12		0	19.27	19.37	19.25	20.00	
5	12		7	19.30	19.37	19.27	20.00	
5	12		13	19.12	19.39	19.15	20.00	
5	25		0	19.11	19.25	19.21	20.00	
Channel				131987	132322	132657	Tune-up Limit (dBm)	
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.45	19.48	19.44	20.00	
3		1	8	19.32	19.46	19.32	20.00	
3		1	14	19.35	19.57	19.41	20.00	
3		8	0	19.32	19.53	19.33	20.00	
3		8	4	19.16	19.41	19.34	20.00	
3		8	7	19.23	19.41	19.31	20.00	
3		15	0	19.25	19.44	19.41	20.00	
3		1	0	19.24	19.48	19.40	20.00	
3		1	8	19.30	19.39	19.23	20.00	

3	16QAM	1	14	19.17	19.44	19.32	20.00
3		8	0	19.15	19.41	19.29	20.00
3		8	4	19.23	19.48	19.31	20.00
3		8	7	19.12	19.33	19.24	20.00
3		15	0	19.20	19.46	19.23	20.00
3	64QAM	1	0	19.29	19.50	19.29	20.00
3		1	8	19.22	19.41	19.32	20.00
3		1	14	19.24	19.34	19.21	20.00
3		8	0	19.23	19.45	19.29	20.00
3		8	4	19.19	19.40	19.18	20.00
3		8	7	19.11	19.34	19.24	20.00
3	256QAM	15	0	19.29	19.35	19.29	20.00
3		1	0	19.23	19.30	19.21	20.00
3		1	8	19.22	19.42	19.31	20.00
3		1	14	19.18	19.36	19.19	20.00
3		8	0	19.25	19.28	19.23	20.00
3		8	4	19.28	19.39	19.22	20.00
3		8	7	19.09	19.36	19.16	20.00
3		15	0	19.11	19.39	19.21	20.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.41	19.50	19.51	20.00
1.4		1	3	19.32	19.38	19.36	20.00
1.4		1	5	19.41	19.56	19.28	20.00
1.4		3	0	19.37	19.50	19.32	20.00
1.4		3	1	19.18	19.44	19.35	20.00
1.4		3	3	19.24	19.42	19.28	20.00
1.4		6	0	19.24	19.48	19.38	20.00
1.4	16QAM	1	0	19.19	19.48	19.35	20.00
1.4		1	3	19.29	19.43	19.22	20.00
1.4		1	5	19.24	19.39	19.27	20.00
1.4		3	0	19.16	19.39	19.28	20.00
1.4		3	1	19.26	19.38	19.33	20.00
1.4		3	3	19.13	19.38	19.28	20.00
1.4		6	0	19.22	19.43	19.29	20.00
1.4	64QAM	1	0	19.34	19.38	19.25	20.00
1.4		1	3	19.16	19.43	19.30	20.00
1.4		1	5	19.16	19.41	19.14	20.00
1.4		3	0	19.22	19.38	19.32	20.00
1.4		3	1	19.22	19.34	19.29	20.00
1.4		3	3	19.18	19.45	19.20	20.00
1.4		6	0	19.23	19.36	19.32	20.00
1.4	256QAM	1	0	19.19	19.35	19.19	20.00
1.4		1	3	19.22	19.39	19.31	20.00
1.4		1	5	19.21	19.29	19.15	20.00
1.4		3	0	19.21	19.35	19.14	20.00
1.4		3	1	19.22	19.42	19.29	20.00
1.4		3	3	19.12	19.41	19.16	20.00
1.4		6	0	19.15	19.34	19.28	20.00

FCC									
<LTE Band 41_Ant 8_Tablet>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.46	19.40	19.57	19.42	19.44	20.00
20		1	49	19.38	19.20	19.51	19.24	19.24	20.00
20		1	99	19.35	19.27	19.53	19.35	19.27	20.00
20		50	0	19.40	19.26	19.56	19.39	19.40	20.00
20		50	24	19.22	19.24	19.55	19.36	19.36	20.00
20		50	50	19.34	19.20	19.50	19.32	19.23	20.00
20		100	0	19.32	19.23	19.45	19.24	19.22	20.00
20	16QAM	1	0	19.32	19.23	19.52	19.31	19.37	20.00
20		1	49	19.27	19.14	19.44	19.26	19.28	20.00
20		1	99	19.19	19.12	19.41	19.11	19.23	20.00
20		50	0	19.20	19.18	19.43	19.24	19.17	20.00
20		50	24	19.31	19.24	19.48	19.29	19.28	20.00
20		50	50	19.26	19.27	19.50	19.28	19.32	20.00
20		100	0	19.19	19.18	19.42	19.12	19.24	20.00
20	64QAM	1	0	19.30	19.30	19.51	19.33	19.35	20.00
20		1	49	19.22	19.17	19.40	19.22	19.13	20.00
20		1	99	19.28	19.21	19.45	19.23	19.28	20.00
20		50	0	19.29	19.18	19.44	19.22	19.23	20.00
20		50	24	19.25	19.18	19.40	19.17	19.16	20.00
20		50	50	19.21	19.07	19.33	19.15	19.14	20.00
20		100	0	19.19	19.10	19.35	19.12	19.12	20.00
20	256QAM	1	0	19.25	19.19	19.41	19.25	19.27	20.00
20		1	49	19.29	19.17	19.45	19.15	19.24	20.00
20		1	99	19.16	19.09	19.40	19.18	19.17	20.00
20		50	0	19.19	19.18	19.40	19.20	19.13	20.00
20		50	24	19.40	19.37	19.57	19.30	19.42	20.00
20		50	50	19.26	19.31	19.50	19.23	19.27	20.00
20		100	0	19.35	19.24	19.51	19.22	19.37	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.34	19.32	19.52	19.40	19.38	20.00
15		1	37	19.30	19.12	19.48	19.13	19.21	20.00
15		1	74	19.24	19.18	19.49	19.28	19.13	20.00
15		36	0	19.25	19.13	19.42	19.18	19.19	20.00
15		36	20	19.30	19.12	19.43	19.24	19.34	20.00
15		36	39	19.30	19.17	19.35	19.30	19.19	20.00
15		75	0	19.30	19.15	19.33	19.16	19.10	20.00
15	16QAM	1	0	19.25	19.15	19.38	19.20	19.30	20.00
15		1	37	19.23	19.02	19.36	19.11	19.17	20.00
15		1	74	19.15	19.11	19.34	18.99	19.10	20.00
15		36	0	19.17	19.05	19.30	19.22	19.07	20.00
15		36	20	19.24	19.15	19.41	19.19	19.20	20.00
15		36	39	19.11	19.17	19.48	19.16	19.29	20.00
15		75	0	19.08	19.05	19.35	18.98	19.18	20.00
15	64QAM	1	0	19.27	19.23	19.37	19.30	19.33	20.00
15		1	37	19.15	19.04	19.32	19.13	19.10	20.00
15		1	74	19.22	19.14	19.37	19.12	19.19	20.00
15		36	0	19.21	19.04	19.39	19.10	19.21	20.00
15		36	20	19.16	19.08	19.37	19.15	19.13	20.00
15		36	39	19.15	19.03	19.18	19.02	19.11	20.00
15		75	0	19.16	18.98	19.33	18.99	18.98	20.00
15	256QAM	1	0	19.23	19.08	19.39	19.14	19.20	20.00
15		1	37	19.19	19.09	19.39	19.04	19.14	20.00
15		1	74	19.09	18.95	19.39	19.12	19.16	20.00
15		36	0	19.14	19.07	19.39	19.17	19.02	20.00
15		36	20	19.36	19.31	19.49	19.24	19.40	20.00
15		36	39	19.15	19.24	19.47	19.13	19.21	20.00
15		75	0	19.21	19.18	19.41	19.16	19.32	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.45	19.37	19.47	19.40	19.34	20.00
10		1	25	19.23	19.19	19.47	19.19	19.22	20.00
10		1	49	19.31	19.22	19.43	19.21	19.20	20.00
10		25	0	19.17	19.21	19.46	19.21	19.27	20.00
10		25	12	19.28	19.18	19.48	19.30	19.28	20.00
10		25	25	19.32	19.18	19.46	19.29	19.11	20.00
10		50	0	19.29	19.12	19.41	19.17	19.11	20.00
10	16QAM	1	0	19.26	19.20	19.39	19.29	19.28	20.00
10		1	25	19.19	19.02	19.35	19.17	19.17	20.00
10		1	49	19.05	18.97	19.37	18.99	19.17	20.00
10		25	0	19.13	19.07	19.30	19.11	19.13	20.00
10		25	12	19.23	19.09	19.43	19.25	19.18	20.00
10		25	25	19.15	19.17	19.45	19.25	19.24	20.00
10		50	0	19.07	19.06	19.27	19.06	19.19	20.00

10	64QAM	1	0	19.19	19.17	19.46	19.22	19.22	20.00
10		1	25	19.16	19.02	19.28	19.20	19.00	20.00
10		1	49	19.16	19.19	19.31	19.13	19.19	20.00
10		25	0	19.17	19.16	19.38	19.13	19.17	20.00
10		25	12	19.20	19.07	19.33	19.03	19.04	20.00
10		25	25	19.07	19.02	19.23	19.01	19.11	20.00
10		50	0	19.06	18.97	19.28	19.07	19.06	20.00
10	256QAM	1	0	19.23	19.14	19.30	19.23	19.19	20.00
10		1	25	19.24	19.14	19.34	19.01	19.22	20.00
10		1	49	19.04	18.97	19.38	19.05	19.09	20.00
10		25	0	19.12	19.11	19.33	19.18	19.05	20.00
10		25	12	19.35	19.27	19.51	19.27	19.30	20.00
10		25	25	19.18	19.19	19.49	19.20	19.20	20.00
10		50	0	19.23	19.10	19.43	19.13	19.33	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.41	19.29	19.51	19.27	19.30	20.00
5		1	12	19.36	19.10	19.48	19.10	19.12	20.00
5		1	24	19.32	19.21	19.46	19.33	19.24	20.00
5		12	0	19.24	19.07	19.40	19.09	19.16	20.00
5		12	7	19.19	19.10	19.49	19.29	19.23	20.00
5		12	13	19.28	19.14	19.38	19.29	19.09	20.00
5	16QAM	25	0	19.27	19.09	19.41	19.12	19.13	20.00
5		1	0	19.25	19.09	19.46	19.16	19.27	20.00
5		1	12	19.18	19.10	19.40	19.17	19.19	20.00
5		1	24	19.09	19.02	19.26	19.00	19.14	20.00
5		12	0	19.09	19.09	19.29	19.11	19.15	20.00
5		12	7	19.19	19.23	19.34	19.16	19.23	20.00
5	64QAM	12	13	19.24	19.24	19.46	19.18	19.23	20.00
5		25	0	19.09	19.17	19.35	18.98	19.18	20.00
5		1	0	19.19	19.23	19.41	19.18	19.31	20.00
5		1	12	19.13	19.12	19.33	19.13	19.10	20.00
5		1	24	19.13	19.09	19.41	19.18	19.24	20.00
5		12	0	19.19	19.06	19.35	19.10	19.11	20.00
5	256QAM	12	7	19.13	19.06	19.29	19.06	19.02	20.00
5		12	13	19.18	18.98	19.23	19.05	19.05	20.00
5		25	0	19.15	18.95	19.33	19.09	19.07	20.00
5		1	0	19.23	19.09	19.28	19.22	19.18	20.00
5		1	12	19.22	19.16	19.38	19.14	19.17	20.00
5		1	24	19.05	19.04	19.33	19.06	19.06	20.00
5		12	0	19.16	19.06	19.37	19.09	19.10	20.00
5		12	7	19.39	19.28	19.43	19.27	19.32	20.00
5		12	13	19.22	19.17	19.35	19.20	19.15	20.00
5		25	0	19.29	19.19	19.40	19.15	19.27	20.00

FCC									
<LTE Band 41_HPUE_Ant 8_Tablet>									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.46	19.40	19.57	19.42	19.44	20.00
20		1	49	19.38	19.20	19.51	19.24	19.24	20.00
20		1	99	19.35	19.27	19.53	19.35	19.27	20.00
20		50	0	19.40	19.26	19.56	19.39	19.40	20.00
20		50	24	19.22	19.24	19.55	19.36	19.36	20.00
20		50	50	19.34	19.20	19.50	19.32	19.23	20.00
20		100	0	19.32	19.23	19.45	19.24	19.22	20.00
20	16QAM	1	0	19.32	19.23	19.52	19.31	19.37	20.00
20		1	49	19.27	19.14	19.44	19.26	19.28	20.00
20		1	99	19.19	19.12	19.41	19.11	19.23	20.00
20		50	0	19.20	19.18	19.43	19.24	19.17	20.00
20		50	24	19.31	19.24	19.48	19.29	19.28	20.00
20		50	50	19.26	19.27	19.50	19.28	19.32	20.00
20		100	0	19.19	19.18	19.42	19.12	19.24	20.00
20	64QAM	1	0	19.30	19.30	19.51	19.33	19.35	20.00
20		1	49	19.22	19.17	19.40	19.22	19.13	20.00
20		1	99	19.28	19.21	19.45	19.23	19.28	20.00
20		50	0	19.29	19.18	19.44	19.22	19.23	20.00
20		50	24	19.25	19.18	19.40	19.17	19.16	20.00
20		50	50	19.21	19.07	19.33	19.15	19.14	20.00
20		100	0	19.19	19.10	19.35	19.12	19.12	20.00
20	256QAM	1	0	19.25	19.19	19.41	19.25	19.27	20.00
20		1	49	19.29	19.17	19.45	19.15	19.24	20.00
20		1	99	19.16	19.09	19.40	19.18	19.17	20.00
20		50	0	19.19	19.18	19.40	19.20	19.13	20.00
20		50	24	19.40	19.37	19.57	19.30	19.42	20.00
20		50	50	19.26	19.31	19.50	19.23	19.27	20.00
20		100	0	19.35	19.24	19.51	19.22	19.37	20.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	19.34	19.32	19.52	19.40	19.38	20.00
15		1	37	19.30	19.12	19.48	19.13	19.21	20.00
15		1	74	19.24	19.18	19.49	19.28	19.13	20.00
15		36	0	19.25	19.13	19.42	19.18	19.19	20.00
15		36	20	19.30	19.12	19.43	19.24	19.34	20.00
15		36	39	19.30	19.17	19.35	19.30	19.19	20.00
15		75	0	19.30	19.15	19.33	19.16	19.10	20.00
15	16QAM	1	0	19.25	19.15	19.38	19.20	19.30	20.00
15		1	37	19.23	19.02	19.36	19.11	19.17	20.00
15		1	74	19.15	19.11	19.34	18.99	19.10	20.00
15		36	0	19.17	19.05	19.30	19.22	19.07	20.00
15		36	20	19.24	19.15	19.41	19.19	19.20	20.00
15		36	39	19.11	19.17	19.48	19.16	19.29	20.00
15		75	0	19.08	19.05	19.35	18.98	19.18	20.00
15	64QAM	1	0	19.27	19.23	19.37	19.30	19.33	20.00
15		1	37	19.15	19.04	19.32	19.13	19.10	20.00
15		1	74	19.22	19.14	19.37	19.12	19.19	20.00
15		36	0	19.21	19.04	19.39	19.10	19.21	20.00
15		36	20	19.16	19.08	19.37	19.15	19.13	20.00
15		36	39	19.15	19.03	19.18	19.02	19.11	20.00
15		75	0	19.16	18.98	19.33	18.99	18.98	20.00
15	256QAM	1	0	19.23	19.08	19.39	19.14	19.20	20.00
15		1	37	19.19	19.09	19.39	19.04	19.14	20.00
15		1	74	19.09	18.95	19.39	19.12	19.16	20.00
15		36	0	19.14	19.07	19.39	19.17	19.02	20.00
15		36	20	19.36	19.31	19.49	19.24	19.40	20.00
15		36	39	19.15	19.24	19.47	19.13	19.21	20.00
15		75	0	19.21	19.18	19.41	19.16	19.32	20.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.45	19.37	19.47	19.40	19.34	20.00
10		1	25	19.23	19.19	19.47	19.19	19.22	20.00
10		1	49	19.31	19.22	19.43	19.21	19.20	20.00
10		25	0	19.17	19.21	19.46	19.21	19.27	20.00
10		25	12	19.28	19.18	19.48	19.30	19.28	20.00
10		25	25	19.32	19.18	19.46	19.29	19.11	20.00
10		50	0	19.29	19.12	19.41	19.17	19.11	20.00
10	16QAM	1	0	19.26	19.20	19.39	19.29	19.28	20.00
10		1	25	19.19	19.02	19.35	19.17	19.17	20.00
10		1	49	19.05	18.97	19.37	18.99	19.17	20.00
10		25	0	19.13	19.07	19.30	19.11	19.13	20.00
10		25	12	19.23	19.09	19.43	19.25	19.18	20.00
10		25	25	19.15	19.17	19.45	19.25	19.24	20.00
10		50	0	19.07	19.06	19.27	19.06	19.19	20.00

10	64QAM	1	0	19.19	19.17	19.46	19.22	19.22	20.00
10		1	25	19.16	19.02	19.28	19.20	19.00	20.00
10		1	49	19.16	19.19	19.31	19.13	19.19	20.00
10		25	0	19.17	19.16	19.38	19.13	19.17	20.00
10		25	12	19.20	19.07	19.33	19.03	19.04	20.00
10		25	25	19.07	19.02	19.23	19.01	19.11	20.00
10		50	0	19.06	18.97	19.28	19.07	19.06	20.00
10	256QAM	1	0	19.23	19.14	19.30	19.23	19.19	20.00
10		1	25	19.24	19.14	19.34	19.01	19.22	20.00
10		1	49	19.04	18.97	19.38	19.05	19.09	20.00
10		25	0	19.12	19.11	19.33	19.18	19.05	20.00
10		25	12	19.35	19.27	19.51	19.27	19.30	20.00
10		25	25	19.18	19.19	19.49	19.20	19.20	20.00
10		50	0	19.23	19.10	19.43	19.13	19.33	20.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	19.41	19.29	19.51	19.27	19.30	20.00
5		1	12	19.36	19.10	19.48	19.10	19.12	20.00
5		1	24	19.32	19.21	19.46	19.33	19.24	20.00
5		12	0	19.24	19.07	19.40	19.09	19.16	20.00
5		12	7	19.19	19.10	19.49	19.29	19.23	20.00
5		12	13	19.28	19.14	19.38	19.29	19.09	20.00
5	16QAM	25	0	19.27	19.09	19.41	19.12	19.13	20.00
5		1	0	19.25	19.09	19.46	19.16	19.27	20.00
5		1	12	19.18	19.10	19.40	19.17	19.19	20.00
5		1	24	19.09	19.02	19.26	19.00	19.14	20.00
5		12	0	19.09	19.09	19.29	19.11	19.15	20.00
5		12	7	19.19	19.23	19.34	19.16	19.23	20.00
5	64QAM	12	13	19.24	19.24	19.46	19.18	19.23	20.00
5		25	0	19.09	19.17	19.35	18.98	19.18	20.00
5		1	0	19.19	19.23	19.41	19.18	19.31	20.00
5		1	12	19.13	19.12	19.33	19.13	19.10	20.00
5		1	24	19.13	19.09	19.41	19.18	19.24	20.00
5		12	0	19.19	19.06	19.35	19.10	19.11	20.00
5	256QAM	12	7	19.13	19.06	19.29	19.06	19.02	20.00
5		12	13	19.18	18.98	19.23	19.05	19.05	20.00
5		25	0	19.15	18.95	19.33	19.09	19.07	20.00
5		1	0	19.23	19.09	19.28	19.22	19.18	20.00
5		1	12	19.22	19.16	19.38	19.14	19.17	20.00
5		1	24	19.05	19.04	19.33	19.06	19.06	20.00
5		12	0	19.16	19.06	19.37	19.09	19.10	20.00
5		12	7	19.39	19.28	19.43	19.27	19.32	20.00
5		12	13	19.22	19.17	19.35	19.20	19.15	20.00
5		25	0	19.29	19.19	19.40	19.15	19.27	20.00

LTE Band 48_Ant 8_Tablet									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)		
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.33	14.48	14.40	14.38	15.50	
20		1	49	14.20	14.45	14.35	14.21	15.50	
20		1	99	14.08	14.38	14.16	14.26	15.50	
20		50	0	14.18	14.42	14.31	14.30	15.50	
20		50	24	14.07	14.33	14.22	14.09	15.50	
20		50	50	13.96	14.25	14.14	14.06	15.50	
20		100	0	14.23	14.39	14.24	14.26	15.50	
20	16QAM	1	0	14.17	14.37	14.28	14.21	15.50	
20		1	49	14.25	14.41	14.28	14.30	15.50	
20		1	99	14.12	14.35	14.14	14.22	15.50	
20		50	0	14.14	14.33	14.20	14.20	15.50	
20		50	24	14.13	14.31	14.13	14.17	15.50	
20		50	50	14.02	14.30	14.12	14.12	15.50	
20		100	0	14.10	14.35	14.24	14.24	15.50	
20	64QAM	1	0	14.22	14.41	14.23	14.21	15.50	
20		1	49	14.17	14.38	14.18	14.14	15.50	
20		1	99	14.10	14.36	14.27	14.20	15.50	
20		50	0	14.15	14.33	14.21	14.21	15.50	
20		50	24	14.16	14.32	14.19	14.19	15.50	
20		50	50	14.08	14.29	14.08	14.17	15.50	
20		100	0	14.16	14.38	14.25	14.19	15.50	
20	256QAM	1	0	14.03	14.32	14.21	14.15	15.50	
20		1	49	14.06	14.26	14.03	14.04	15.50	
20		1	99	14.05	14.31	14.12	14.15	15.50	
20		50	0	14.09	14.29	14.19	14.18	15.50	
20		50	24	14.07	14.27	14.04	14.06	15.50	
20		50	50	14.06	14.29	14.11	14.07	15.50	
20		100	0	14.06	14.30	14.20	14.14	15.50	
Channel				55315	55820	56160	56665	Tune-up Limit (dBm)	
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	14.22	14.46	14.34	14.30	15.50	
15		1	37	14.17	14.37	14.24	14.10	15.50	
15		1	74	13.96	14.27	14.12	14.22	15.50	
15		36	0	14.11	14.28	14.17	14.27	15.50	
15		36	20	13.96	14.23	14.21	13.94	15.50	
15		36	39	13.86	14.24	14.04	13.98	15.50	
15		75	0	14.09	14.32	14.15	14.21	15.50	
15	16QAM	1	0	14.10	14.27	14.25	14.09	15.50	
15		1	37	14.20	14.34	14.23	14.24	15.50	
15		1	74	13.97	14.22	14.03	14.17	15.50	
15		36	0	14.00	14.20	14.13	14.17	15.50	
15		36	20	14.10	14.27	14.03	14.12	15.50	
15		36	39	14.01	14.20	14.05	14.05	15.50	
15		75	0	13.96	14.29	14.15	14.19	15.50	
15	64QAM	1	0	14.18	14.29	14.18	14.16	15.50	
15		1	37	14.03	14.25	14.12	14.12	15.50	
15		1	74	14.07	14.23	14.20	14.05	15.50	
15		36	0	14.07	14.19	14.11	14.09	15.50	
15		36	20	14.02	14.19	14.14	14.05	15.50	
15		36	39	14.06	14.21	13.96	14.16	15.50	
15		75	0	14.10	14.32	14.21	14.14	15.50	
15	256QAM	1	0	14.00	14.28	14.08	14.06	15.50	
15		1	37	14.01	14.24	13.88	13.94	15.50	
15		1	74	14.01	14.25	14.10	14.14	15.50	
15		36	0	13.99	14.21	14.15	14.08	15.50	
15		36	20	13.92	14.25	13.94	14.02	15.50	
15		36	39	13.98	14.24	14.10	14.02	15.50	
15		75	0	14.00	14.23	14.12	14.13	15.50	
Channel				55290	55815	56165	56690	Tune-up Limit (dBm)	
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	14.19	14.41	14.26	14.24	15.50	
10		1	25	14.13	14.41	14.25	14.16	15.50	
10		1	49	13.97	14.33	14.03	14.16	15.50	
10		25	0	14.04	14.38	14.27	14.20	15.50	
10		25	12	13.93	14.21	14.12	14.08	15.50	
10		25	25	13.82	14.13	14.07	13.95	15.50	
10		50	0	14.17	14.36	14.21	14.18	15.50	
10	16QAM	1	0	14.14	14.31	14.16	14.14	15.50	
10		1	25	14.18	14.36	14.23	14.22	15.50	
10		1	49	13.99	14.26	14.00	14.08	15.50	
10		25	0	14.10	14.26	14.17	14.14	15.50	
10		25	12	13.99	14.21	14.03	14.12	15.50	
10		25	25	13.89	14.25	13.99	13.99	15.50	
10		50	0	14.00	14.21	14.12	14.23	15.50	

10	64QAM	1	0	14.10	14.38	14.19	14.06	15.50	
10		1	25	14.12	14.26	14.09	14.12	15.50	
10		1	49	14.06	14.33	14.17	14.17	15.50	
10		25	0	14.06	14.28	14.06	14.18	15.50	
10		25	12	14.15	14.19	14.09	14.07	15.50	
10		25	25	13.97	14.25	14.05	14.08	15.50	
10		50	0	14.06	14.34	14.11	14.04	15.50	
10		256QAM	1	0	13.97	14.22	14.19	14.13	15.50
10			1	25	14.03	14.17	14.01	14.00	15.50
10			1	49	13.92	14.20	14.03	14.10	15.50
10	25		0	14.01	14.23	14.08	14.16	15.50	
10	25		12	13.99	14.18	14.02	13.94	15.50	
10	25		25	13.98	14.24	14.07	14.04	15.50	
10	50		0	13.91	14.21	14.06	14.06	15.50	
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)	
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	14.26	14.46	14.36	14.30	15.50	
5		1	12	14.08	14.35	14.33	14.09	15.50	
5		1	24	14.06	14.30	14.07	14.14	15.50	
5		12	0	14.09	14.40	14.18	14.20	15.50	
5		12	7	14.02	14.25	14.09	14.05	15.50	
5		12	13	13.84	14.12	14.09	13.95	15.50	
5	16QAM	25	0	14.12	14.38	14.11	14.17	15.50	
5		1	0	14.15	14.27	14.13	14.15	15.50	
5		1	12	14.18	14.35	14.14	14.23	15.50	
5		1	24	14.05	14.28	14.11	14.11	15.50	
5		12	0	14.08	14.27	14.09	14.09	15.50	
5		12	7	14.02	14.26	14.04	14.15	15.50	
5		12	13	13.93	14.18	14.03	14.10	15.50	
5	64QAM	25	0	14.06	14.30	14.16	14.18	15.50	
5		1	0	14.08	14.35	14.21	14.08	15.50	
5		1	12	14.16	14.28	14.13	14.00	15.50	
5		1	24	14.01	14.27	14.26	14.13	15.50	
5		12	0	14.03	14.20	14.07	14.12	15.50	
5		12	7	14.04	14.31	14.09	14.17	15.50	
5		12	13	13.98	14.18	14.01	14.04	15.50	
5	256QAM	25	0	14.03	14.31	14.11	14.04	15.50	
5		1	0	14.00	14.31	14.12	14.13	15.50	
5		1	12	13.92	14.22	13.91	13.91	15.50	
5		1	24	14.04	14.19	14.05	14.05	15.50	
5		12	0	13.95	14.17	14.11	14.14	15.50	
5		12	7	13.97	14.25	13.94	14.01	15.50	
5		12	13	13.99	14.14	14.08	13.98	15.50	
5		25	0	14.00	14.22	14.09	14.07	15.50	

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<FR1 n77 (27Q)_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.55		12.00
100		1	137		11.10		12.00
100		1	271		10.79		12.00
100		135	0		10.94		12.00
100		135	69		11.17		12.00
100		135	138		10.99		12.00
100		270	0		10.98		12.00
100	QPSK	1	1		10.46		12.00
100		1	137		11.00		12.00
100		1	271		10.75		12.00
100		135	0		10.98		12.00
100		135	69		11.11		12.00
100		135	138		11.10		12.00
100		270	0		11.04		12.00
100	16QAM	1	1		10.75		12.00
100	64QAM	1	1		10.70		12.00
100	256QAM	1	1		10.80		12.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.48	10.49	10.40	12.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	10.44	10.46	10.39	12.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.43	10.35	10.32	12.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.45	10.38	10.36	12.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.43	10.44	10.38	12.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.40	10.39	10.31	12.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.43	10.41	10.30	12.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	10.43	10.46	10.30	12.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	10.37	10.38	10.36	12.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	10.47	10.37	10.34	12.00

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<FR1 n77 (27Q)_HPUE_Ant 8_ENDC>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.55		12.00
100		1	137		11.10		12.00
100		1	271		10.79		12.00
100		135	0		10.94		11.50
100		135	69		11.17		12.00
100		135	138		10.99		11.50
100	QPSK	270	0		10.98		11.50
100		1	1		10.46		12.00
100		1	137		11.00		12.00
100		1	271		10.75		12.00
100		135	0		10.98		12.00
100		135	69		11.11		12.00
100	16QAM	135	138		11.10		12.00
100		270	0		11.04		12.00
100		1	1		10.75		12.00
100	64QAM	1	1		10.70		12.00
100	256QAM	1	1		10.80		12.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.48	10.49	10.40	12.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	10.44	10.46	10.39	12.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.43	10.35	10.32	12.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.45	10.38	10.36	12.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.43	10.44	10.38	12.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.40	10.39	10.31	12.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.43	10.41	10.30	12.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	10.43	10.46	10.30	12.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	10.37	10.38	10.36	12.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	10.47	10.37	10.34	12.00

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<FR1 n77 (270)_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	10.53	10.67	10.60	12.00
100		1	137	11.02	11.13	11.03	12.00
100		1	271	10.81	10.88	10.76	12.00
100		135	0	11.07	11.19	11.15	12.00
100		135	69	11.20	11.32	11.21	12.00
100		135	138	11.09	11.14	11.08	12.00
100	QPSK	270	0	11.05	11.15	11.11	12.00
100		1	1	10.48	10.51	10.44	12.00
100		1	137	11.01	11.04	11.02	12.00
100		1	271	10.75	10.88	10.77	12.00
100		135	0	11.02	11.11	11.03	12.00
100		135	69	11.02	11.21	11.03	12.00
100	16QAM	135	138	11.03	11.13	11.08	12.00
100		270	0	11.02	11.05	11.03	12.00
100	64QAM	1	1	10.75	10.81	10.74	12.00
100	256QAM	1	1	10.62	10.72	10.61	12.00
100	256QAM	1	1	10.54	10.65	10.55	12.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	10.49	10.65	10.53	12.00
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	10.47	10.54	10.53	12.00
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	10.49	10.58	10.51	12.00
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	10.39	10.57	10.48	12.00
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	10.40	10.53	10.57	12.00
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	10.38	10.63	10.45	12.00
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	10.49	10.56	10.55	12.00
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	10.47	10.61	10.57	12.00
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	10.38	10.56	10.48	12.00
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	10.45	10.54	10.51	12.00

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<FR1 n77 (270)_HPUE_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	10.53	10.67	10.60	12.00
100		1	137	11.02	11.13	11.03	12.00
100		1	271	10.81	10.88	10.76	12.00
100		135	0	11.07	11.19	11.15	12.00
100		135	69	11.20	11.32	11.21	12.00
100		135	138	11.09	11.14	11.08	12.00
100	QPSK	270	0	11.05	11.15	11.11	12.00
100		1	1	10.48	10.51	10.44	12.00
100		1	137	11.01	11.04	11.02	12.00
100		1	271	10.75	10.88	10.77	12.00
100		135	0	11.02	11.11	11.03	12.00
100		135	69	11.02	11.21	11.03	12.00
100	16QAM	135	138	11.03	11.13	11.08	12.00
100		270	0	11.02	11.05	11.03	12.00
100	64QAM	1	1	10.75	10.81	10.74	12.00
100	256QAM	1	1	10.62	10.72	10.61	12.00
100	256QAM	1	1	10.54	10.65	10.55	12.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	10.49	10.65	10.53	12.00
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	10.47	10.54	10.53	12.00
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	10.49	10.58	10.51	12.00
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	10.39	10.57	10.48	12.00
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	10.40	10.53	10.57	12.00
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	10.38	10.63	10.45	12.00
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	10.49	10.56	10.55	12.00
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	10.47	10.61	10.57	12.00
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	10.38	10.56	10.48	12.00
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	10.45	10.54	10.51	12.00

FCC							
<FR1 n78 (27Q)_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.51		12.00
100		1	137		11.04		12.00
100		1	271		10.47		12.00
100		135	0		10.86		12.00
100		135	69		11.04		12.00
100		135	138		10.89		12.00
100		270	0		10.79		12.00
100	QPSK	1	1		10.30		12.00
100		1	137		10.68		12.00
100		1	271		10.31		12.00
100		135	0		10.61		12.00
100		135	69		10.81		12.00
100		135	138		10.79		12.00
100		270	0		10.78		12.00
100	16QAM	1	1		10.85		12.00
100	64QAM	1	1		10.96		12.00
100	256QAM	1	1		10.81		12.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.45	10.48	10.41	12.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	10.44	10.34	10.27	12.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.33	10.43	10.34	12.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.44	10.37	10.37	12.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.36	10.36	10.35	12.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.33	10.43	10.31	12.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.42	10.45	10.34	12.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	10.32	10.37	10.38	12.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	10.43	10.46	10.31	12.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	10.44	10.36	10.29	12.00

FCC							
<FR1 n78 (27Q)_HPUE_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		10.51		12.00
100		1	137		11.04		12.00
100		1	271		10.47		12.00
100		135	0		10.86		12.00
100		135	69		11.04		12.00
100		135	138		10.89		12.00
100		270	0		10.79		12.00
100	QPSK	1	1		10.30		12.00
100		1	137		10.68		12.00
100		1	271		10.31		12.00
100		135	0		10.61		12.00
100		135	69		10.81		12.00
100		135	138		10.79		12.00
100		270	0		10.78		12.00
100	16QAM	1	1		10.85		12.00
100	64QAM	1	1		10.96		12.00
100	256QAM	1	1		10.81		12.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.45	10.48	10.41	12.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	10.44	10.34	10.27	12.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	10.33	10.43	10.34	12.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	10.44	10.37	10.37	12.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	10.36	10.36	10.35	12.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	10.33	10.43	10.31	12.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	10.42	10.45	10.34	12.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	10.32	10.37	10.38	12.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	10.43	10.46	10.31	12.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	10.44	10.36	10.29	12.00

FCC							
<FR1 n78 (270)_Ant 8_ENDC>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		10.85		12.00
100		1	137		11.10		12.00
100		1	271		10.89		12.00
100		135	0		11.07		12.00
100		135	69		11.19		12.00
100		135	138		11.02		12.00
100		270	0		11.01		12.00
100	QPSK	1	1		10.88		12.00
100		1	137		10.94		12.00
100		1	271		10.65		12.00
100		135	0		11.01		12.00
100		135	69		11.10		12.00
100		135	138		11.04		12.00
100		270	0		11.06		12.00
100	16QAM	1	1		11.22		12.00
100	64QAM	1	1		11.19		12.00
100	256QAM	1	1		11.12		12.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	10.81	10.83	10.81	12.00
Channel				648334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	10.73	10.78	10.71	12.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	10.77	10.71	10.66	12.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	10.67	10.71	10.73	12.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	10.67	10.81	10.80	12.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	10.73	10.77	10.80	12.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	10.78	10.77	10.69	12.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	10.66	10.77	10.75	12.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	10.71	10.73	10.66	12.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	10.74	10.81	10.69	12.00

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<FR1 n78 (270)_HPUE_Ant 8_ENDC>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		Tune-up Limit (dBm)
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		10.85		12.00
100		1	137		11.10		12.00
100		1	271		10.89		12.00
100		135	0		11.07		12.00
100		135	69		11.19		12.00
100		135	138		11.02		12.00
100		270	0		11.01		12.00
100	QPSK	1	1		10.88		12.00
100		1	137		10.94		12.00
100		1	271		10.65		12.00
100		135	0		11.01		12.00
100		135	69		11.10		12.00
100		135	138		11.04		12.00
100		270	0		11.06		12.00
100	16QAM	1	1		11.22		12.00
100	64QAM	1	1		11.19		12.00
100	256QAM	1	1		11.12		12.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	10.81	10.83	10.81	12.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	10.73	10.78	10.71	12.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	10.77	10.71	10.66	12.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	10.67	10.71	10.73	12.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	10.67	10.81	10.80	12.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	10.73	10.77	10.80	12.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	10.78	10.77	10.69	12.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	10.66	10.77	10.75	12.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	10.71	10.73	10.66	12.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	10.74	10.81	10.69	12.00

<FR1 n2_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.15	23.18	23.16	24.00
20		1	53	22.94	23.05	22.93	24.00
20		1	104	23.00	23.17	23.02	24.00
20		50	0	23.29	23.41	23.33	24.00
20		50	28	23.44	23.46	23.41	24.00
20		50	56	23.42	23.44	23.40	24.00
20		100	0	23.25	23.39	23.28	24.00
20	QPSK	1	1	22.98	23.11	23.02	24.00
20		1	53	22.88	23.05	22.98	24.00
20		1	104	23.03	23.15	23.05	24.00
20		50	0	23.19	23.38	23.28	24.00
20		50	28	23.37	23.40	23.36	24.00
20		50	56	23.31	23.41	23.29	24.00
20		100	0	23.30	23.37	23.32	24.00
20	16QAM	1	1	23.15	23.18	23.15	24.00
20	64QAM	1	1	23.14	23.15	23.16	24.00
20	256QAM	1	1	22.43	22.51	22.44	23.50
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.12	23.14	23.11	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.02	23.17	23.06	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.01	23.16	23.08	24.00

<FR1 n5_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.24	24.51	24.25	25.00
20		1	53	24.14	24.45	24.07	25.00
20		1	104	24.11	24.49	24.22	25.00
20		50	0	24.33	24.44	24.35	25.00
20		50	28	24.38	24.45	24.41	25.00
20		50	56	24.11	24.22	24.16	25.00
20		100	0	24.18	24.32	24.24	25.00
20	QPSK	1	1	24.30	24.39	24.32	25.00
20		1	53	24.16	24.30	24.19	25.00
20		1	104	24.26	24.33	24.25	25.00
20		50	0	24.22	24.32	24.27	25.00
20		50	28	24.18	24.30	24.19	25.00
20		50	56	24.16	24.29	24.17	25.00
20		100	0	24.20	24.33	24.18	25.00
20	16QAM	1	1	23.90	24.04	23.91	24.50
20	64QAM	1	1	23.45	23.59	23.25	24.00
20	256QAM	1	1	22.07	22.17	22.09	23.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.14	24.47	24.11	25.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.17	24.48	24.13	25.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.19	24.37	24.14	25.00

<FR1 n7_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.60	23.71	23.58	24.00
50		1	135	23.52	23.69	23.54	24.00
50		1	268	23.46	23.68	23.46	24.00
50		135	0	23.44	23.57	23.32	24.00
50		135	68	23.60	23.79	23.56	24.00
50		135	135	23.50	23.66	23.44	24.00
50		270	0	23.60	23.73	23.45	24.00
50	QPSK	1	1	23.36	23.55	23.28	24.00
50		1	135	23.29	23.51	23.27	24.00
50		1	268	23.40	23.53	23.27	24.00
50		135	0	23.37	23.50	23.32	24.00
50		135	68	23.36	23.48	23.28	24.00
50		135	135	23.26	23.40	23.13	24.00
50		270	0	23.37	23.51	23.29	24.00
50	16QAM	1	1	23.10	23.34	23.20	24.00
50	64QAM	1	1	23.10	23.25	23.10	24.00
50	256QAM	1	1	22.31	22.51	22.36	23.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.49	23.69	23.57	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.52	23.68	23.47	24.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.52	23.57	23.50	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.52	23.63	23.45	24.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.51	23.59	23.46	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.52	23.61	23.51	24.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.50	23.58	23.47	24.00

<FR1 n12_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	Tune-up Limit (dBm)
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.18	23.16	23.12	24.00
15		1	40	23.04	23.11	23.01	24.00
15		1	77	22.90	22.99	22.88	24.00
15		36	0	23.02	23.09	23.00	24.00
15		36	22	23.08	23.15	23.04	24.00
15		36	43	23.12	23.11	23.05	24.00
15		75	0	23.08	23.20	23.12	24.00
15	QPSK	1	1	23.08	23.16	22.98	24.00
15		1	40	23.08	23.10	23.04	24.00
15		1	77	23.02	23.07	22.97	24.00
15		36	0	22.90	23.01	22.90	24.00
15		36	22	23.01	23.03	22.96	24.00
15		36	43	22.94	23.00	22.84	24.00
15		75	0	22.95	22.95	22.82	24.00
15	16QAM	1	1	22.81	22.92	22.81	24.00
15	64QAM	1	1	22.85	22.90	22.77	24.00
15	256QAM	1	1	21.99	22.05	21.86	23.00
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.08	23.12	23.00	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	23.13	23.10	23.05	24.00

<FR1 n14_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		Tune-up Limit (dBm)
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.40		24.00
10		1	26		23.37		24.00
10		1	50		23.39		24.00
10		25	0		23.28		24.00
10		25	14		23.31		24.00
10		25	27		23.23		24.00
10		50	0		23.34		24.00
10	QPSK	1	1		23.28		24.00
10		1	26		23.30		24.00
10		1	50		23.27		24.00
10		25	0		23.25		24.00
10		25	14		23.30		24.00
10		25	27		23.30		24.00
10		50	0		23.25		24.00
10	16QAM	1	1		22.94		24.00
10	64QAM	1	1		23.04		24.00
10	256QAM	1	1		22.08		24.00
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	23.33	23.35	23.28	24.00

<FR1 n25_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.06	23.18	22.94	24.00
40		1	108	23.02	23.17	22.83	24.00
40		1	214	22.82	22.99	22.60	24.00
40		108	0	23.05	23.48	22.93	24.00
40		108	54	23.06	23.50	22.96	24.00
40		108	108	23.01	23.19	22.84	24.00
40		216	0	23.04	23.32	22.93	24.00
40	QPSK	1	1	22.77	22.97	22.60	24.00
40		1	108	22.81	23.01	22.74	24.00
40		1	214	22.88	23.05	22.75	24.00
40		108	0	22.70	22.93	22.67	24.00
40		108	54	23.06	23.41	22.94	24.00
40		108	108	23.06	23.40	22.93	24.00
40		216	0	22.94	23.20	22.85	24.00
40	16QAM	1	1	22.48	22.63	22.28	23.50
40	64QAM	1	1	22.50	22.73	22.40	23.50
40	256QAM	1	1	21.53	21.79	21.50	22.50
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.01	23.12	22.86	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.98	23.07	22.84	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.98	23.09	22.79	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.96	23.12	22.80	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.02	23.05	22.90	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.92	23.08	22.93	24.00

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<FR1 n26_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	Tune-up Limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	23.28	23.40	23.27	24.00
20		1	53	23.21	23.37	23.22	24.00
20		1	104	23.08	23.26	23.03	24.00
20		50	0	23.22	23.35	23.18	24.00
20		50	28	23.20	23.37	23.10	24.00
20		50	56	23.09	23.32	23.16	24.00
20		100	0	23.09	23.28	23.07	24.00
20	QPSK	1	1	23.04	23.24	23.09	24.00
20		1	53	23.02	23.29	23.02	24.00
20		1	104	23.06	23.30	23.09	24.00
20		50	0	23.06	23.28	23.13	24.00
20		50	28	23.12	23.25	23.01	24.00
20		50	56	22.97	23.20	22.94	24.00
20		100	0	22.97	23.19	22.96	24.00
20	16QAM	1	1	22.83	23.08	22.82	24.00
20	64QAM	1	1	22.92	23.08	22.83	24.00
20	256QAM	1	1	21.94	22.14	21.94	23.00
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.14	23.38	23.23	24.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.24	23.26	23.24	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.16	23.26	23.22	24.00

<FR1 n30_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		Tune-up Limit (dBm)
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.73		23.00
10		1	26		21.46		23.00
10		1	50		21.71		23.00
10		25	0		21.54		23.00
10		25	14		21.72		23.00
10		25	27		21.71		23.00
10		50	0		21.64		23.00
10	QPSK	1	1		21.58		23.00
10		1	26		21.71		23.00
10		1	50		21.69		23.00
10		25	0		21.62		23.00
10		25	14		21.66		23.00
10		25	27		21.60		23.00
10		50	0		21.60		23.00
10	16QAM	1	1		21.30		23.00
10	64QAM	1	1		21.47		23.00
10	256QAM	1	1		21.53		23.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.65	21.71	21.68	23.00

<FR1 n66_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.08	23.24	23.04	24.00
40		1	108	22.93	23.23	23.02	24.00
40		1	214	22.90	23.19	22.97	24.00
40		108	0	23.08	23.40	23.04	24.00
40		108	54	23.08	23.55	23.04	24.00
40		108	108	23.07	23.54	23.04	24.00
40		216	0	23.08	23.55	23.02	24.00
40	QPSK	1	1	22.91	23.21	22.95	24.00
40		1	108	22.99	23.23	22.90	24.00
40		1	214	22.88	23.07	22.72	24.00
40		108	0	23.06	23.35	23.03	24.00
40		108	54	23.08	23.37	23.04	24.00
40		108	108	23.01	23.30	22.95	24.00
40		216	0	23.04	23.28	23.00	24.00
40	16QAM	1	1	22.46	22.75	22.51	23.50
40	64QAM	1	1	22.57	22.85	22.58	23.50
40	256QAM	1	1	21.72	21.93	21.70	23.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.05	23.17	22.91	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.03	23.21	22.96	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.95	23.21	23.02	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.98	23.16	22.94	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.06	23.12	22.90	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.96	23.10	23.02	24.00

<FR1 n71_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.40	24.48	24.38	25.00
20		1	53	24.27	24.42	24.24	25.00
20		1	104	24.28	24.40	24.17	25.00
20		50	0	24.23	24.34	24.14	24.50
20		50	28	24.32	24.50	24.33	25.00
20		50	56	24.20	24.40	24.20	24.50
20		100	0	24.29	24.45	24.27	24.50
20	QPSK	1	1	23.96	24.13	23.92	25.00
20		1	53	23.93	24.05	23.82	25.00
20		1	104	23.91	24.11	23.91	25.00
20		50	0	24.17	24.28	24.11	25.00
20		50	28	24.18	24.40	24.27	25.00
20		50	56	24.20	24.30	24.19	25.00
20		100	0	24.07	24.20	24.00	25.00
20	16QAM	1	1	23.73	23.89	23.66	24.50
20	64QAM	1	1	23.42	23.51	23.33	24.00
20	256QAM	1	1	22.01	22.10	21.91	22.50
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.30	24.45	24.25	25.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.32	24.33	24.32	25.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.33	24.47	24.35	25.00

<FR1 n38_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	519000	520000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.21	23.24	23.31	24.00
40		1	53	23.44	23.62	23.46	24.00
40		1	104	23.47	23.51	23.44	24.00
40		50	0	23.44	23.45	23.37	24.00
40		50	28	23.60	23.64	23.45	24.00
40		50	56	23.50	23.62	23.56	24.00
40		100	0	23.40	23.49	23.45	24.00
40	QPSK	1	1	23.16	23.21	23.18	24.00
40		1	53	23.08	23.20	23.22	24.00
40		1	104	23.14	23.20	23.15	24.00
40		50	0	23.19	23.31	23.31	24.00
40		50	28	23.32	23.45	23.37	24.00
40		50	56	23.20	23.40	23.31	24.00
40		100	0	23.21	23.35	23.29	24.00
40	16QAM	1	1	22.64	22.82	22.85	23.50
40	64QAM	1	1	22.85	22.92	22.80	23.50
40	256QAM	1	1	22.00	22.06	22.01	22.50
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.09	23.12	23.10	24.00
Channel				516500	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	23.06	23.19	23.15	24.00
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.07	23.15	23.14	24.00
Channel				515500	519000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	23.09	23.10	23.11	24.00
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	23.09	23.09	23.01	24.00
Channel				514500	519000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	PI/2 BPSK	1	1	23.18	23.16	23.12	24.00

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<FR1 n41_Ant 5_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.08	24.09	24.03	25.00
100		1	137	24.51	24.61	24.53	25.00
100		1	271	23.75	23.90	23.71	25.00
100		135	0	22.50	22.53	22.50	24.50
100		135	69	24.52	24.58	24.55	25.00
100		135	138	24.30	24.39	24.37	24.50
100	QPSK	270	0	22.50	22.52	22.51	24.50
100		1	1	23.93	23.99	23.79	25.00
100		1	137	24.31	24.45	24.25	25.00
100		1	271	23.90	24.01	23.85	25.00
100		135	0	22.50	22.61	22.50	24.50
100		135	69	24.31	24.38	24.28	25.00
100	16QAM	1	1	23.70	23.82	23.68	24.50
100		1	1	23.26	23.31	23.18	24.00
100	256QAM	1	1	21.61	21.73	21.55	22.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.95	23.99	23.99	25.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.95	23.96	23.95	25.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.98	23.98	23.90	25.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.07	23.97	24.01	25.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.01	24.05	23.93	25.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.97	24.04	23.90	25.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.96	24.00	23.98	25.00

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<FR1 n41_HPUE_Ant 5_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.21	26.23	26.08	28.00
100		1	137	26.09	26.22	26.04	28.00
100		1	271	26.02	26.09	26.00	28.00
100		135	0	23.50	23.51	23.51	25.50
100		135	69	26.44	26.65	26.51	28.00
100		135	138	24.89	25.04	24.88	25.50
100		270	0	23.51	23.54	23.52	25.50
100	QPSK	1	1	26.01	26.03	26.00	28.00
100		1	137	26.04	26.08	26.02	28.00
100		1	271	26.00	26.05	26.01	28.00
100		135	0	23.50	23.56	23.51	25.50
100		135	69	26.33	26.57	26.45	28.00
100		135	138	25.00	25.07	24.88	25.50
100		270	0	23.50	23.50	23.51	25.50
100	16QAM	1	1	26.04	26.15	25.90	26.50
100	64QAM	1	1	23.44	23.58	23.34	25.00
100	256QAM	1	1	21.51	21.51	21.50	23.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.12	26.11	26.03	28.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.18	26.14	26.00	28.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.19	26.14	26.01	28.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.15	26.14	26.03	28.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.15	26.18	26.01	28.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.12	26.16	26.00	28.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.10	26.09	26.00	28.00

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<FR1 n77 (27Q)_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
100	PI/2 BPSK	1	1	22.47	22.60		24.00
100		1	137		22.91		24.00
100		1	271		22.81		24.00
100		135	0		22.84		24.00
100		135	69		22.86		24.00
100		135	138		22.86		24.00
100	QPSK	270	0		22.69		24.00
100		1	1		22.52		24.00
100		1	137		22.89		24.00
100		1	271		22.63		24.00
100		135	0		22.95		24.00
100		135	69		22.97		24.00
100	16QAM	135	138		22.85		24.00
100		270	0		22.90		24.00
100	64QAM	1	1		22.06		23.50
100	256QAM	1	1		22.05		23.50
100	256QAM	1	1		21.12		22.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.47	22.59	22.52	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.36	22.53	22.51	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.40	22.52	22.51	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.43	22.57	22.47	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.45	22.45	22.46	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.45	22.49	22.50	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.37	22.51	22.47	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.40	22.45	22.50	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.46	22.57	22.49	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.44	22.57	22.46	24.00

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<FR1 n77 (27Q)_HPUE_Ant 5_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.43		27.00
100		1	137		25.88		27.00
100		1	271		25.34		27.00
100		135	0		25.29		27.00
100		135	69		25.91		27.00
100		135	138		25.70		27.00
100	QPSK	270	0		25.33		27.00
100		1	1		25.26		27.00
100		1	137		25.78		27.00
100		1	271		25.39		27.00
100		135	0		24.81		26.50
100		135	69		25.80		27.00
100	16QAM	135	138		24.71		26.50
100		270	0		24.71		26.50
100		1	1		23.85		25.50
100	64QAM	1	1		22.81		24.50
100	256QAM	1	1		21.34		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.37	25.33	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.23	25.27	25.26	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.29	25.35	25.22	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.24	25.35	25.23	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.23	25.25	25.28	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.20	25.35	25.22	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.18	25.27	25.21	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.20	25.33	25.23	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.24	25.29	25.23	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.16	25.23	25.21	27.00

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<FR1 n77 (270)_Ant 5_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.45	22.58	22.54	24.00
100		1	137	22.91	22.93	22.85	24.00
100		1	271	22.80	22.86	22.81	24.00
100		135	0	22.90	22.93	22.89	24.00
100		135	69	23.11	23.18	23.16	24.00
100		135	138	22.77	22.87	22.79	24.00
100		270	0	23.85	23.01	23.90	24.00
100	QPSK	1	1	22.14	22.39	22.29	24.00
100		1	137	22.88	22.91	22.75	24.00
100		1	271	22.87	22.92	22.89	24.00
100		135	0	22.90	23.02	22.80	24.00
100		135	69	22.97	23.04	23.01	24.00
100		135	138	22.81	22.95	22.85	24.00
100		270	0	23.01	23.09	23.00	24.00
100	16QAM	1	1	22.19	22.35	22.21	24.00
100	64QAM	1	1	22.26	22.54	22.44	24.00
100	256QAM	1	1	21.11	21.30	21.25	23.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.41	22.50	22.52	24.00
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.37	22.56	22.41	24.00
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.41	22.57	22.48	24.00
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.42	22.56	22.40	24.00
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.30	22.50	22.53	24.00
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.31	22.49	22.47	24.00
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.37	22.47	22.43	24.00
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.34	22.47	22.49	24.00
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.31	22.54	22.48	24.00
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.35	22.56	22.42	24.00

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<FR1 n77 (270)_HPUE_Ant 5_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.37	25.40	25.28	27.00
100		1	137	25.89	26.00	25.85	27.00
100		1	271	25.13	25.45	25.25	27.00
100		135	0	25.21	25.27	25.03	27.00
100		135	69	25.89	25.95	25.90	27.00
100		135	138	25.18	25.31	25.05	27.00
100	QPSK	270	0	25.22	25.34	25.20	27.00
100		1	1	25.12	25.17	25.00	27.00
100		1	137	25.61	25.79	25.67	27.00
100		1	271	25.31	25.37	25.15	27.00
100		135	0	24.77	24.88	24.71	26.50
100		135	69	25.84	25.94	25.88	27.00
100	16QAM	135	138	24.74	24.92	24.77	26.50
100		270	0	24.81	24.94	24.69	26.50
100	64QAM	1	1	24.13	24.25	24.09	26.00
100	256QAM	1	1	23.13	23.24	23.01	24.50
100	256QAM	1	1	21.17	21.32	21.20	22.50
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.27	25.26	25.24	
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.29	25.37	25.20	
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.34	25.28	25.14	
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.34	25.39	25.21	
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.31	25.25	25.20	
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.22	25.38	25.27	
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.28	25.36	25.18	
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.24	25.38	25.13	
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.25	25.33	25.25	
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.27	25.30	25.27	

<FR1 n2_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.40	23.51	23.41	24.00
20		1	53	23.19	23.40	23.18	24.00
20		1	104	23.30	23.42	23.20	24.00
20		50	0	23.31	23.49	23.34	24.00
20		50	28	23.33	23.50	23.35	24.00
20		50	56	23.24	23.44	23.22	24.00
20		100	0	23.25	23.42	23.18	24.00
20	QPSK	1	1	23.28	23.41	23.25	24.00
20		1	53	23.21	23.35	23.23	24.00
20		1	104	23.21	23.36	23.15	24.00
20		50	0	23.18	23.41	23.27	24.00
20		50	28	23.19	23.40	23.27	24.00
20		50	56	23.28	23.42	23.20	24.00
20		100	0	23.28	23.41	23.16	24.00
20	16QAM	1	1	22.64	22.80	22.61	23.50
20	64QAM	1	1	22.61	22.81	22.64	23.50
20	256QAM	1	1	22.77	22.96	22.85	23.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.39	23.37	23.36	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.27	23.46	23.27	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.35	23.43	23.30	24.00

<FR1 n7_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.57	23.65	23.70	24.00
50		1	135	23.48	23.60	23.64	24.00
50		1	268	23.48	23.58	23.49	24.00
50		135	0	23.25	23.44	23.42	24.00
50		135	68	23.51	23.61	23.53	24.00
50		135	135	23.34	23.49	23.49	24.00
50		270	0	23.46	23.58	23.56	24.00
50	QPSK	1	1	23.12	23.31	23.25	24.00
50		1	135	23.19	23.28	23.22	24.00
50		1	268	23.01	23.10	23.00	24.00
50		135	0	23.31	23.51	23.45	24.00
50		135	68	23.36	23.52	23.44	24.00
50		135	135	23.26	23.41	23.40	24.00
50		270	0	23.31	23.54	23.54	24.00
50	16QAM	1	1	22.70	22.81	22.84	23.50
50	64QAM	1	1	22.58	22.79	22.75	23.50
50	256QAM	1	1	21.63	21.85	21.77	22.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.56	23.58	23.59	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.43	23.62	23.57	24.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.43	23.51	23.68	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.55	23.52	23.60	24.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.47	23.53	23.56	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.49	23.58	23.61	24.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.47	23.60	23.58	24.00

<FR1 n30_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		Tune-up Limit (dBm)
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		21.84		23.00
10		1	26		21.71		23.00
10		1	50		21.79		23.00
10		25	0		21.81		23.00
10		25	14		21.83		23.00
10		25	27		21.77		23.00
10		50	0		21.78		23.00
10	QPSK	1	1		21.80		23.00
10		1	26		21.72		23.00
10		1	50		21.69		23.00
10		25	0		21.72		23.00
10		25	14		21.69		23.00
10		25	27		21.65		23.00
10		50	0		21.74		23.00
10	16QAM	1	1		21.66		23.00
10	64QAM	1	1		21.63		23.00
10	256QAM	1	1		21.60		23.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.77	21.80	21.65	23.00

<FR1 n66_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.03	23.15	23.04	24.00
40		1	108	23.10	23.14	23.11	24.00
40		1	214	22.87	23.11	22.94	24.00
40		108	0	23.03	23.40	23.04	24.00
40		108	54	23.50	23.52	23.47	24.00
40		108	108	23.02	23.35	23.03	24.00
40		216	0	23.03	23.29	23.04	24.00
40	QPSK	1	1	22.97	23.12	22.87	24.00
40		1	108	22.98	23.15	23.01	24.00
40		1	214	22.97	23.11	22.87	24.00
40		108	0	23.02	23.40	23.04	24.00
40		108	54	23.02	23.46	23.03	24.00
40		108	108	23.03	23.45	23.04	24.00
40		216	0	23.03	23.33	23.04	24.00
40	16QAM	1	1	22.49	22.71	22.49	23.50
40	64QAM	1	1	22.64	22.80	22.55	23.50
40	256QAM	1	1	21.67	21.82	21.70	22.50
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.96	23.09	22.98	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.96	23.00	22.91	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.01	23.11	22.96	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.90	23.05	22.94	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.93	23.04	23.03	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.88	23.01	22.94	24.00

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<FR1 n41_Ant 8_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.66	23.72	23.69	25.00
100		1	137	24.15	24.24	24.11	25.00
100		1	271	23.60	23.71	23.61	25.00
100		135	0	22.52	22.51	22.51	24.50
100		135	69	24.22	24.38	24.31	25.00
100		135	138	24.26	24.31	24.25	24.50
100	QPSK	270	0	22.50	22.53	22.51	24.50
100		1	1	23.50	23.61	23.52	25.00
100		1	137	24.15	24.22	24.11	25.00
100		1	271	23.63	23.70	23.58	25.00
100		135	0	22.51	22.53	22.51	24.50
100		135	69	24.16	24.25	24.05	25.00
100	16QAM	1	1	23.34	23.44	23.28	24.50
100		1	1	22.87	22.99	22.91	24.00
100	256QAM	1	1	21.35	21.46	21.35	22.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.56	23.58	23.60	25.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.63	23.67	23.59	25.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.61	23.61	23.65	25.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.61	23.58	23.60	25.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.63	23.62	23.58	25.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.61	23.61	23.59	25.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.51	23.65	23.57	25.00

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<FR1 n41_HPUE_Ant 8_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.01	26.08	26.03	28.00
100		1	137	26.78	26.89	26.81	28.00
100		1	271	26.00	26.03	26.00	28.00
100		135	0	23.50	23.51	23.50	25.50
100		135	69	26.65	26.66	26.63	28.00
100		135	138	25.05	25.16	25.01	25.50
100		270	0	23.51	23.52	23.50	25.50
100	QPSK	1	1	26.00	26.03	26.00	28.00
100		1	137	26.77	26.85	26.82	28.00
100		1	271	26.00	26.02	26.00	28.00
100		135	0	23.52	23.50	23.52	25.50
100		135	69	26.52	26.60	26.44	28.00
100		135	138	24.95	25.06	24.86	25.50
100		270	0	23.51	23.52	23.50	25.50
100	16QAM	1	1	24.50	24.60	24.50	26.50
100	64QAM	1	1	23.01	23.01	23.00	25.00
100	256QAM	1	1	21.50	21.53	21.50	23.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.00	26.00	26.01	28.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.00	26.04	26.00	28.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.00	26.01	26.00	28.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.00	26.02	26.01	28.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.00	26.01	26.01	28.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.00	26.00	26.00	28.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.01	26.00	26.00	28.00

<FR1 n48_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				640000	641666	643332	Tune-up Limit (dBm)
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	20.21	20.30	20.25	22.00
100		1	137	20.85	20.95	20.88	22.00
100		1	271	20.45	20.56	20.54	22.00
100		135	0	21.11	21.31	21.21	22.00
100		135	69	21.45	21.47	21.38	22.00
100		135	138	21.30	21.45	21.23	22.00
100	QPSK	270	0	21.28	21.35	21.27	22.00
100		1	1	20.21	20.53	20.25	22.00
100		1	137	20.90	20.95	20.66	22.00
100		1	271	20.54	20.60	20.55	22.00
100		135	0	21.33	21.42	21.35	22.00
100		135	69	21.42	21.58	21.44	22.00
100	16QAM	135	138	21.43	21.46	21.45	22.00
100		270	0	21.35	21.40	21.30	22.00
100	64QAM	1	1	20.06	20.23	20.10	21.00
100	64QAM	1	1	20.05	20.25	20.13	21.00
100	256QAM	1	1	20.11	20.22	20.05	21.00
Channel				639668	641666	643666	Tune-up Limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	20.10	20.21	20.12	22.00
Channel				639334	641666	644000	Tune-up Limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	20.19	20.27	20.21	22.00
Channel				639000	641666	644332	Tune-up Limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	20.20	20.19	20.14	22.00
Channel				638668	641666	644666	Tune-up Limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	20.13	20.17	20.21	22.00
Channel				638334	641666	645000	Tune-up Limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	20.10	20.19	20.11	22.00
Channel				638000	641666	645332	Tune-up Limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.19	20.21	20.21	22.00
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.08	20.21	20.20	22.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.07	20.20	20.24	22.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.17	20.24	20.11	22.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.06	20.24	20.17	22.00
Channel				636834	641666	646500	Tune-up Limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	20.20	20.17	20.12	22.00

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<FR1 n77 (27Q)_Ant 8_Laptop>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.65		24.00
100		1	137		23.25		24.00
100		1	271		22.47		24.00
100		135	0		23.18		24.00
100		135	69		23.20		24.00
100		135	138		23.15		24.00
100		270	0		23.35		24.00
100	QPSK	1	1		22.40		24.00
100		1	137		23.01		24.00
100		1	271		23.80		24.00
100		135	0		23.11		24.00
100		135	69		23.13		24.00
100		135	138		23.12		24.00
100		270	0		23.09		24.00
100	16QAM	1	1		22.01		23.50
100	64QAM	1	1		22.05		23.50
100	256QAM	1	1		21.21		22.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.60	22.63	22.61	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.53	22.60	22.51	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.48	22.58	22.58	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.49	22.53	22.56	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.51	22.52	22.48	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.55	22.56	22.51	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.57	22.53	22.56	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.48	22.49	22.55	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.53	22.48	22.52	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.47	22.52	22.49	24.00

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<FR1 n77 (27Q)_HPUE_Ant 8_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.30		27.00
100		1	137		25.91		27.00
100		1	271		25.51		27.00
100		135	0		25.30		27.00
100		135	69		26.01		27.00
100		135	138		25.79		27.00
100		270	0		25.39		27.00
100	QPSK	1	1		25.21		27.00
100		1	137		25.82		27.00
100		1	271		25.38		27.00
100		135	0		24.79		26.50
100		135	69		25.87		27.00
100		135	138		24.81		26.50
100		270	0		24.79		26.50
100	16QAM	1	1		23.98		25.50
100	64QAM	1	1		22.86		24.50
100	256QAM	1	1		21.44		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.20	25.23	25.11	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.09	25.20	25.02	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.06	25.21	25.05	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.08	25.12	25.05	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.14	25.11	25.09	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.16	25.20	25.00	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.06	25.21	25.00	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.17	25.18	25.00	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.07	25.10	25.00	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.09	25.21	25.08	27.00

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<FR1 n77 (270)_Ant 8_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.61	22.75	22.70	24.00
100		1	137	22.92	23.06	22.85	24.00
100		1	271	22.86	22.92	22.79	24.00
100		135	0	22.88	22.96	22.90	24.00
100		135	69	23.01	23.22	23.05	24.00
100		135	138	22.85	23.04	22.87	24.00
100		270	0	22.89	23.07	22.79	24.00
100	QPSK	1	1	22.27	22.56	22.45	24.00
100		1	137	22.96	23.02	22.97	24.00
100		1	271	22.84	22.96	22.89	24.00
100		135	0	23.00	23.11	23.01	24.00
100		135	69	23.05	23.18	23.09	24.00
100		135	138	23.01	23.11	23.02	24.00
100		270	0	23.08	23.15	23.07	24.00
100	16QAM	1	1	22.32	22.51	22.32	24.00
100	64QAM	1	1	22.42	22.57	22.47	24.00
100	256QAM	1	1	21.33	21.48	21.33	23.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.56	22.64	22.66	24.00
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.51	22.68	22.58	24.00
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.51	22.61	22.68	24.00
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.53	22.73	22.68	24.00
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.46	22.61	22.57	24.00
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.54	22.73	22.57	24.00
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	22.54	22.69	22.67	24.00
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.47	22.64	22.56	24.00
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.47	22.73	22.62	24.00
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.56	22.64	22.57	24.00

FCC							
<FR1 n77 (270)_HPUE_Ant 8_Laptop>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.38	25.43	25.37	27.00
100		1	137	26.02	26.06	26.01	27.00
100		1	271	25.49	25.55	25.37	27.00
100		135	0	25.35	25.42	25.27	27.00
100		135	69	26.02	26.11	26.00	27.00
100		135	138	25.31	25.48	25.36	27.00
100		270	0	25.28	25.45	25.30	27.00
100	QPSK	1	1	25.11	25.23	25.13	27.00
100		1	137	25.87	25.93	25.89	27.00
100		1	271	25.32	25.40	25.28	27.00
100		135	0	25.00	25.06	24.87	26.50
100		135	69	25.86	26.01	26.03	27.00
100		135	138	24.98	25.04	24.84	26.50
100		270	0	25.01	25.09	24.90	26.50
100	16QAM	1	1	24.24	24.40	24.29	26.00
100	64QAM	1	1	23.17	23.26	23.19	24.50
100	256QAM	1	1	21.41	21.50	21.44	22.50
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.26	25.38	25.34	
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.32	25.33	25.25	
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.32	25.34	25.29	
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.23	25.38	25.34	
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.32	25.41	25.22	
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.27	25.34	25.28	
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	25.26	25.35	25.36	
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.32	25.34	25.24	
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.33	25.29	25.31	
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.35	25.37	25.25	

<FR1 n2_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.45	16.66	16.52	17.00
20		1	53	16.09	16.43	16.28	17.00
20		1	104	16.32	16.54	16.32	17.00
20		50	0	16.45	16.70	16.51	17.00
20		50	28	16.46	16.71	16.52	17.00
20		50	56	16.36	16.63	16.35	17.00
20		100	0	16.37	16.63	16.37	17.00
20	QPSK	1	1	16.26	16.62	16.38	17.00
20		1	53	16.28	16.52	16.23	17.00
20		1	104	16.15	16.46	16.18	17.00
20		50	0	16.28	16.55	16.30	17.00
20		50	28	16.16	16.49	16.20	17.00
20		50	56	16.23	16.51	16.23	17.00
20		100	0	16.18	16.52	16.27	17.00
20	16QAM	1	1	16.13	16.41	16.16	17.00
20	64QAM	1	1	16.08	16.42	16.18	17.00
20	256QAM	1	1	16.23	16.51	16.34	17.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.41	16.60	16.43	17.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.30	16.57	16.49	17.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.42	16.57	16.49	17.00

<FR1 n5_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	19.14	19.33	19.16	20.00
20		1	53	18.99	19.32	19.04	20.00
20		1	104	19.06	19.29	19.05	20.00
20		50	0	19.03	19.24	18.95	20.00
20		50	28	18.95	19.26	19.07	20.00
20		50	56	18.78	19.11	18.85	20.00
20		100	0	18.96	19.24	18.94	20.00
20	QPSK	1	1	19.00	19.27	19.04	20.00
20		1	53	18.99	19.26	19.00	20.00
20		1	104	18.90	19.21	19.02	20.00
20		50	0	18.93	19.15	18.84	20.00
20		50	28	18.95	19.18	18.92	20.00
20		50	56	18.82	19.07	18.84	20.00
20		100	0	18.80	19.06	18.86	20.00
20	16QAM	1	1	18.87	19.12	18.93	20.00
20	64QAM	1	1	19.01	19.23	19.00	20.00
20	256QAM	1	1	18.88	19.19	18.88	20.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	19.03	19.23	19.02	20.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	19.04	19.30	19.09	20.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	18.99	19.25	19.08	20.00

<FR1 n7_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.24	18.36	18.27	19.00
50		1	135	18.21	18.35	18.15	19.00
50		1	268	18.12	18.32	18.09	19.00
50		135	0	18.06	18.28	18.05	19.00
50		135	68	18.24	18.41	18.27	19.00
50		135	135	17.99	18.24	18.13	19.00
50		270	0	18.03	18.18	18.07	19.00
50	QPSK	1	1	17.94	18.10	17.92	19.00
50		1	135	17.79	18.05	17.82	19.00
50		1	268	17.87	18.08	17.85	19.00
50		135	0	17.99	18.25	18.08	19.00
50		135	68	18.14	18.31	18.19	19.00
50		135	135	18.13	18.32	18.13	19.00
50		270	0	17.97	18.24	18.04	19.00
50	16QAM	1	1	17.68	17.86	17.68	19.00
50	64QAM	1	1	17.74	17.91	17.79	19.00
50	256QAM	1	1	18.12	18.38	18.17	19.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.17	18.26	18.22	19.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.23	18.33	18.15	19.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.19	18.31	18.20	19.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.18	18.31	18.14	19.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.22	18.31	18.18	19.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.20	18.24	18.20	19.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.11	18.22	18.25	19.00

<FR1 n12_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	Tune-up Limit (dBm)
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	19.25	19.40	19.21	20.00
15		1	40	19.08	19.35	19.11	20.00
15		1	77	19.14	19.38	19.11	20.00
15		36	0	19.02	19.29	19.03	20.00
15		36	22	19.17	19.34	19.06	20.00
15		36	43	19.16	19.33	19.03	20.00
15		75	0	19.05	19.29	19.06	20.00
15	QPSK	1	1	19.09	19.28	19.05	20.00
15		1	40	19.08	19.29	19.02	20.00
15		1	77	19.04	19.32	19.07	20.00
15		36	0	19.11	19.30	19.00	20.00
15		36	22	18.97	19.25	19.02	20.00
15		36	43	18.97	19.22	18.91	20.00
15		75	0	19.10	19.27	19.04	20.00
15	16QAM	1	1	19.05	19.25	18.94	20.00
15	64QAM	1	1	18.97	19.25	19.03	20.00
15	256QAM	1	1	19.06	19.33	19.06	20.00
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	19.17	19.28	19.08	20.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	19.16	19.29	19.08	20.00

<FR1 n14_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		Tune-up Limit (dBm)
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		19.37		20.00
10		1	26		19.34		20.00
10		1	50		19.30		20.00
10		25	0		19.17		20.00
10		25	14		19.33		20.00
10		25	27		19.27		20.00
10		50	0		19.26		20.00
10	QPSK	1	1		19.10		20.00
10		1	26		19.30		20.00
10		1	50		19.28		20.00
10		25	0		19.28		20.00
10		25	14		19.25		20.00
10		25	27		19.29		20.00
10		50	0		19.28		20.00
10	16QAM	1	1		18.96		20.00
10	64QAM	1	1		18.89		20.00
10	256QAM	1	1		19.15		20.00
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	19.30	19.33	19.27	20.00

<FR1 n25_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.50	16.58	16.49	17.00
40		1	108	16.29	16.51	16.37	17.00
40		1	214	16.43	16.57	16.44	17.00
40		108	0	16.04	16.22	16.21	17.00
40		108	54	16.32	16.53	16.44	17.00
40		108	108	16.21	16.40	16.29	17.00
40		216	0	16.16	16.30	16.16	17.00
40	QPSK	1	1	15.77	15.95	15.80	17.00
40		1	108	15.94	16.10	15.92	17.00
40		1	214	15.87	16.05	15.91	17.00
40		108	0	16.41	16.50	16.35	17.00
40		108	54	16.34	16.44	16.28	17.00
40		108	108	16.25	16.46	16.33	17.00
40		216	0	16.24	16.39	16.27	17.00
40	16QAM	1	1	15.69	15.79	15.63	17.00
40	64QAM	1	1	15.67	15.80	15.69	17.00
40	256QAM	1	1	16.15	16.29	16.12	17.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.38	16.46	16.39	17.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.49	16.50	16.40	17.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.49	16.52	16.39	17.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.48	16.48	16.36	17.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.38	16.53	16.41	17.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.41	16.51	16.37	17.00

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<FR1 n26_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	Tune-up Limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	19.25	19.29	19.31	20.00
20		1	53	19.11	19.28	19.17	20.00
20		1	104	19.09	19.23	19.05	20.00
20		50	0	19.23	19.32	19.05	20.00
20		50	28	19.25	19.36	19.08	20.00
20		50	56	19.16	19.33	18.88	20.00
20		100	0	19.22	19.40	19.05	20.00
20	QPSK	1	1	19.09	19.27	19.21	20.00
20		1	53	19.15	19.20	19.16	20.00
20		1	104	19.00	19.08	19.01	20.00
20		50	0	19.05	19.10	19.03	20.00
20		50	28	18.97	19.11	19.10	20.00
20		50	56	19.00	19.12	19.11	20.00
20		100	0	19.07	19.18	19.17	20.00
20	16QAM	1	1	18.94	19.06	18.98	20.00
20	64QAM	1	1	18.91	19.08	18.99	20.00
20	256QAM	1	1	19.25	19.61	19.21	20.00
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	19.16	19.25	19.18	20.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	19.19	19.17	19.25	20.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	19.22	19.24	19.23	20.00

<FR1 n30_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		Tune-up Limit (dBm)
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.75		19.00
10		1	26		18.31		19.00
10		1	50		18.29		19.00
10		25	0		17.82		19.00
10		25	14		18.02		19.00
10		25	27		18.01		19.00
10		50	0		17.83		19.00
10	QPSK	1	1		17.78		19.00
10		1	26		18.22		19.00
10		1	50		18.20		19.00
10		25	0		17.80		19.00
10		25	14		17.92		19.00
10		25	27		17.89		19.00
10		50	0		17.77		19.00
10	16QAM	1	1		17.76		19.00
10	64QAM	1	1		17.75		19.00
10	256QAM	1	1		17.66		19.00
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.62	17.69	17.63	19.00

<FR1 n66_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.01	16.05	16.04	17.00
40		1	108	16.58	16.67	16.59	17.00
40		1	214	16.22	16.31	16.30	17.00
40		108	0	16.45	16.47	16.42	17.00
40		108	54	16.57	16.68	16.62	17.00
40		108	108	16.53	16.57	16.52	17.00
40		216	0	16.42	16.47	16.44	17.00
40	QPSK	1	1	15.99	16.10	16.01	17.00
40		1	108	16.40	16.53	16.47	17.00
40		1	214	16.26	16.30	16.28	17.00
40		108	0	16.35	16.42	16.37	17.00
40		108	54	16.60	16.62	16.55	17.00
40		108	108	16.44	16.52	16.48	17.00
40		216	0	16.39	16.44	16.42	17.00
40	16QAM	1	1	15.78	15.95	15.83	17.00
40	64QAM	1	1	15.78	15.97	15.91	17.00
40	256QAM	1	1	16.28	16.33	16.20	17.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	15.90	15.92	16.01	17.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	15.88	15.92	15.92	17.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	15.87	16.00	15.94	17.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	15.97	15.94	16.00	17.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	15.94	15.93	15.95	17.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	15.91	15.97	16.03	17.00

<FR1 n71_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	19.41	19.46	19.45	20.00
20		1	53	19.80	19.88	19.77	20.00
20		1	104	19.82	19.86	19.81	20.00
20		50	0	19.30	19.39	19.28	20.00
20		50	28	19.39	19.47	19.36	20.00
20		50	56	19.21	19.36	19.28	20.00
20		100	0	19.27	19.42	19.36	20.00
20	QPSK	1	1	19.18	19.37	19.28	20.00
20		1	53	19.62	19.70	19.66	20.00
20		1	104	19.61	19.65	19.60	20.00
20		50	0	19.25	19.33	19.22	20.00
20		50	28	19.29	19.40	19.28	20.00
20		50	56	19.32	19.38	19.37	20.00
20		100	0	19.25	19.35	19.33	20.00
20	16QAM	1	1	19.02	19.22	19.09	20.00
20	64QAM	1	1	19.04	19.18	19.15	20.00
20	256QAM	1	1	19.41	19.55	19.42	20.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	19.37	19.33	19.43	20.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	19.34	19.43	19.34	20.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	19.39	19.38	19.35	20.00

<FR1 n38_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	519000	520000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	17.77	17.85	17.92	19.00
40		1	53	17.77	18.01	17.90	19.00
40		1	104	17.69	17.82	17.84	19.00
40		50	0	18.06	18.26	18.21	19.00
40		50	28	18.26	18.33	18.30	19.00
40		50	56	18.20	18.32	18.25	19.00
40		100	0	18.16	18.26	18.18	19.00
40	QPSK	1	1	17.63	17.80	17.79	19.00
40		1	53	17.80	17.92	17.92	19.00
40		1	104	17.77	17.80	17.76	19.00
40		50	0	18.19	18.23	18.16	19.00
40		50	28	18.24	18.30	18.21	19.00
40		50	56	18.22	18.25	18.16	19.00
40		100	0	18.18	18.22	18.16	19.00
40	16QAM	1	1	17.73	17.85	17.82	19.00
40	64QAM	1	1	17.64	17.81	17.74	19.00
40	256QAM	1	1	17.77	17.99	17.91	19.00
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.69	17.72	17.91	19.00
Channel				516500	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	PI/2 BPSK	1	1	17.63	17.80	17.84	19.00
Channel				516000	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.69	17.76	17.89	19.00
Channel				515500	519000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.72	17.77	17.79	19.00
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	17.71	17.79	17.78	19.00
Channel				514500	519000	523500	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	PI/2 BPSK	1	1	17.67	17.72	17.88	19.00

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<FR1 n41_Ant 5_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.55	17.65	17.58	19.00
100		1	137	18.01	18.03	17.85	19.00
100		1	271	17.42	17.44	17.35	19.00
100		135	0	18.06	18.09	17.99	19.00
100		135	69	18.40	18.43	18.37	19.00
100		135	138	18.13	18.21	18.16	19.00
100	QPSK	270	0	18.09	18.24	18.17	19.00
100		1	1	17.44	17.58	17.40	19.00
100		1	137	17.81	17.89	17.81	19.00
100		1	271	17.42	17.45	17.32	19.00
100		135	0	18.03	18.07	18.00	19.00
100		135	69	18.29	18.35	18.30	19.00
100	16QAM	135	138	18.07	18.11	18.01	19.00
100		270	0	17.99	18.01	17.96	19.00
100	64QAM	1	1	17.81	17.89	17.56	19.00
100	256QAM	1	1	17.70	17.75	17.57	19.00
100	256QAM	1	1	17.45	17.50	17.31	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.48	17.58	17.52	19.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.43	17.57	17.52	19.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.50	17.57	17.47	19.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.46	17.58	17.47	19.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.43	17.60	17.47	19.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.48	17.56	17.44	19.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.41	17.53	17.44	19.00

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<FR1 n41_HPUE_Ant 5_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.55	17.65	17.58	19.00
100		1	137	18.01	18.03	17.85	19.00
100		1	271	17.42	17.44	17.35	19.00
100		135	0	18.06	18.09	17.99	19.00
100		135	69	18.40	18.43	18.37	19.00
100		135	138	18.13	18.21	18.16	19.00
100	QPSK	270	0	18.09	18.24	18.17	19.00
100		1	1	17.44	17.58	17.40	19.00
100		1	137	17.81	17.89	17.81	19.00
100		1	271	17.42	17.45	17.32	19.00
100		135	0	18.03	18.07	18.00	19.00
100		135	69	18.29	18.35	18.30	19.00
100	16QAM	1	1	17.81	17.89	17.56	19.00
100		1	1	17.70	17.75	17.57	19.00
100	256QAM	1	1	17.45	17.50	17.31	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.48	17.58	17.52	19.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.43	17.57	17.52	19.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.50	17.57	17.47	19.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.46	17.58	17.47	19.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.43	17.60	17.47	19.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.48	17.56	17.44	19.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.41	17.53	17.44	19.00

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<FR1 n77 (27Q)_Ant 5_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.61		16.50
100		1	137		15.01		16.50
100		1	271		14.89		16.50
100		135	0		14.91		16.50
100		135	69		15.06		16.50
100		135	138		15.05		16.50
100		270	0		14.97		16.50
100	QPSK	1	1		14.55		16.50
100		1	137		14.97		16.50
100		1	271		14.84		16.50
100		135	0		14.99		16.50
100		135	69		15.01		16.50
100		135	138		15.05		16.50
100		270	0		14.91		16.50
100	16QAM	1	1		14.53		16.50
100	64QAM	1	1		14.52		16.50
100	256QAM	1	1		14.53		16.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.56	14.58	14.53	16.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.52	14.57	14.50	16.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.52	14.51	14.50	16.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.50	14.50	14.50	16.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.50	14.54	14.50	16.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.52	14.50	14.51	16.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.50	14.54	14.50	16.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.51	14.52	14.50	16.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.50	14.53	14.51	16.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.50	14.56	14.51	16.50

FCC							
<FR1 n77 (27Q)_HPUE_Ant 5_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.61		16.50
100		1	137		15.01		16.50
100		1	271		14.89		16.50
100		135	0		14.91		16.50
100		135	69		15.06		16.50
100		135	138		15.05		16.50
100		270	0		14.97		16.50
100	QPSK	1	1		14.55		16.50
100		1	137		14.97		16.50
100		1	271		14.84		16.50
100		135	0		14.99		16.50
100		135	69		15.01		16.50
100		135	138		15.05		16.50
100		270	0		14.91		16.50
100	16QAM	1	1		14.53		16.50
100	64QAM	1	1		14.52		16.50
100	256QAM	1	1		14.53		16.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.56	14.58	14.53	16.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.52	14.57	14.50	16.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.52	14.51	14.50	16.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.50	14.50	14.50	16.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.50	14.54	14.50	16.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.52	14.50	14.51	16.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.50	14.54	14.50	16.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.51	14.52	14.50	16.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.50	14.53	14.51	16.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.50	14.56	14.51	16.50

FCC							
<FR1 n77 (270)_Ant 5_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.66	14.70	14.67	16.50
100		1	137	14.66	14.88	14.67	16.50
100		1	271	14.62	14.68	14.53	16.50
100		135	0	14.66	14.72	14.64	16.50
100		135	69	14.66	14.76	14.61	16.50
100		135	138	14.51	14.59	14.50	16.50
100	QPSK	270	0	14.59	14.65	14.61	16.50
100		1	1	14.66	15.10	14.67	16.50
100		1	137	14.51	14.61	14.50	16.50
100		1	271	14.50	14.65	14.59	16.50
100		135	0	14.59	14.75	14.64	16.50
100		135	69	14.66	14.87	14.67	16.50
100	16QAM	135	138	14.51	14.61	14.50	16.50
100		270	0	14.50	14.56	14.50	16.50
100	64QAM	1	1	14.61	14.70	14.61	16.50
100	256QAM	1	1	14.51	14.61	14.55	16.50
100	256QAM	1	1	14.53	14.70	14.59	16.50
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.57	14.64	14.58	16.50
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.52	14.58	14.60	16.50
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.60	14.64	14.64	16.50
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.54	14.59	14.66	16.50
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.58	14.62	14.60	16.50
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.62	14.64	14.61	16.50
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.62	14.61	14.60	16.50
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.63	14.56	14.61	16.50
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.61	14.60	14.59	16.50
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.53	14.66	14.61	16.50

FCC							
<FR1 n77 (270)_HPUE_Ant 5_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.66	14.70	14.67	16.50
100		1	137	14.66	14.88	14.67	16.50
100		1	271	14.62	14.68	14.53	16.50
100		135	0	14.66	14.72	14.64	16.00
100		135	69	14.66	14.76	14.61	16.50
100		135	138	14.51	14.59	14.50	16.00
100	QPSK	270	0	14.59	14.65	14.61	16.00
100		1	1	14.66	15.10	14.67	16.50
100		1	137	14.51	14.61	14.50	16.50
100		1	271	14.50	14.65	14.59	16.50
100		135	0	14.59	14.75	14.64	16.50
100		135	69	14.66	14.87	14.67	16.50
100	16QAM	1	1	14.61	14.70	14.61	16.50
100		1	1	14.51	14.61	14.55	16.50
100	256QAM	1	1	14.53	14.70	14.59	16.50
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.57	14.64	14.58	16.50
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.52	14.58	14.60	16.50
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.60	14.64	14.64	16.50
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.54	14.59	14.66	16.50
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.58	14.62	14.60	16.50
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.62	14.64	14.61	16.50
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	14.62	14.61	14.60	16.50
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.63	14.56	14.61	16.50
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.61	14.60	14.59	16.50
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.53	14.66	14.61	16.50

<FR1 n2_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.37	19.45	19.40	20.00
20		1	53	19.09	19.32	19.18	20.00
20		1	104	19.23	19.37	19.31	20.00
20		50	0	19.19	19.35	19.24	20.00
20		50	28	19.22	19.41	19.29	20.00
20		50	56	19.26	19.40	19.21	20.00
20		100	0	19.21	19.35	19.23	20.00
20	QPSK	1	1	19.19	19.37	19.31	20.00
20		1	53	19.12	19.30	19.23	20.00
20		1	104	19.16	19.35	19.24	20.00
20		50	0	19.10	19.33	19.16	20.00
20		50	28	19.20	19.35	19.24	20.00
20		50	56	19.21	19.33	19.19	20.00
20		100	0	19.19	19.37	19.17	20.00
20	16QAM	1	1	18.91	19.11	18.92	20.00
20	64QAM	1	1	19.03	19.21	19.10	20.00
20	256QAM	1	1	19.27	19.38	19.19	20.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.28	19.39	19.34	20.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.27	19.37	19.27	20.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.27	19.42	19.34	20.00

<FR1 n7_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	18.61	18.66	18.59	19.00
50		1	135	18.20	18.39	18.21	19.00
50		1	268	18.20	18.31	18.21	19.00
50		135	0	18.31	18.39	18.23	19.00
50		135	68	18.36	18.54	18.40	19.00
50		135	135	18.34	18.45	18.31	19.00
50		270	0	18.30	18.49	18.29	19.00
50	QPSK	1	1	18.53	18.60	18.39	19.00
50		1	135	18.57	18.66	18.47	19.00
50		1	268	18.19	18.28	18.13	19.00
50		135	0	18.39	18.52	18.34	19.00
50		135	68	18.34	18.46	18.34	19.00
50		135	135	18.28	18.47	18.37	19.00
50		270	0	18.38	18.45	18.27	19.00
50	16QAM	1	1	18.18	18.37	18.19	19.00
50	64QAM	1	1	18.33	18.39	18.17	19.00
50	256QAM	1	1	18.43	18.52	18.35	19.00
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	18.55	18.53	18.49	19.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	18.51	18.59	18.50	19.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	18.58	18.58	18.49	19.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.46	18.64	18.51	19.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	18.57	18.55	18.46	19.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	18.58	18.60	18.49	19.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	18.50	18.54	18.56	19.00

<FR1 n30_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		Tune-up Limit (dBm)
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.51		18.50
10		1	26		17.39		18.50
10		1	50		17.44		18.50
10		25	0		17.48		18.50
10		25	14		17.50		18.50
10		25	27		17.45		18.50
10		50	0		17.41		18.50
10	QPSK	1	1		17.35		18.50
10		1	26		17.38		18.50
10		1	50		17.35		18.50
10		25	0		17.33		18.50
10		25	14		17.30		18.50
10		25	27		17.35		18.50
10		50	0		17.31		18.50
10	16QAM	1	1		17.11		18.50
10	64QAM	1	1		17.12		18.50
10	256QAM	1	1		17.38		18.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.41	17.44	17.38	18.50

<FR1 n66_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.14	19.20	19.11	20.00
40		1	108	19.02	19.19	19.06	20.00
40		1	214	18.89	19.08	18.90	20.00
40		108	0	19.13	19.40	19.10	20.00
40		108	54	19.50	19.52	19.47	20.00
40		108	108	19.14	19.41	19.11	20.00
40		216	0	19.14	19.48	19.09	20.00
40	QPSK	1	1	18.95	19.14	18.95	20.00
40		1	108	18.99	19.17	19.01	20.00
40		1	214	18.94	19.05	18.90	20.00
40		108	0	19.13	19.45	19.11	20.00
40		108	54	19.14	19.46	19.10	20.00
40		108	108	19.12	19.40	19.11	20.00
40		216	0	19.13	19.39	19.11	20.00
40	16QAM	1	1	18.97	19.10	19.00	20.00
40	64QAM	1	1	19.02	19.13	18.92	20.00
40	256QAM	1	1	19.12	19.42	19.11	20.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.13	19.10	19.02	20.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.09	19.17	19.01	20.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.09	19.13	19.06	20.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.01	19.11	19.08	20.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.07	19.18	19.06	20.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.11	19.15	19.03	20.00

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<FR1 n41_Ant 8_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.46	18.56	18.50	20.00
100		1	137	19.12	19.21	19.11	20.00
100		1	271	18.24	18.44	18.34	20.00
100		135	0	19.05	19.13	19.08	20.00
100		135	69	19.45	19.35	19.48	20.00
100		135	138	19.04	19.14	19.07	20.00
100	QPSK	270	0	19.05	19.11	19.06	20.00
100		1	1	18.34	18.45	18.37	20.00
100		1	137	19.01	19.19	19.04	20.00
100		1	271	18.30	18.45	18.36	20.00
100		135	0	19.10	19.11	19.08	20.00
100		135	69	19.02	19.21	19.15	20.00
100	16QAM	135	138	19.03	19.15	19.04	20.00
100		270	0	19.00	19.08	19.02	20.00
100	64QAM	1	1	18.11	18.26	18.06	20.00
100	256QAM	1	1	18.09	18.24	18.06	20.00
100	256QAM	1	1	18.29	18.51	18.39	20.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.40	18.47	18.36	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.39	18.48	18.38	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.33	18.55	18.41	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.38	18.47	18.40	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.43	18.53	18.38	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.48	18.45	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.39	18.48	18.40	20.00

FCC							
<FR1 n41_HPUE_Ant 8_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.46	18.56	18.50	20.00
100		1	137	19.12	19.21	19.11	20.00
100		1	271	18.24	18.44	18.34	20.00
100		135	0	19.05	19.13	19.08	20.00
100		135	69	19.45	19.35	19.48	20.00
100		135	138	19.04	19.14	19.07	20.00
100	QPSK	270	0	19.05	19.11	19.06	20.00
100		1	1	18.34	18.45	18.37	20.00
100		1	137	19.01	19.19	19.04	20.00
100		1	271	18.30	18.45	18.36	20.00
100		135	0	19.10	19.11	19.08	20.00
100		135	69	19.02	19.21	19.15	20.00
100	16QAM	135	138	19.03	19.15	19.04	20.00
100		270	0	19.00	19.08	19.02	20.00
100	64QAM	1	1	18.11	18.26	18.06	20.00
100	256QAM	1	1	18.09	18.24	18.06	20.00
100	256QAM	1	1	18.29	18.51	18.39	20.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.40	18.47	18.36	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.39	18.48	18.38	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.33	18.55	18.41	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.38	18.47	18.40	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.43	18.53	18.38	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.48	18.45	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.39	18.48	18.40	20.00

<FR1 n48_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				640000	641666	643332	Tune-up Limit (dBm)
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	13.81	13.92	13.85	15.50
100		1	137	14.27	14.37	14.31	15.50
100		1	271	14.25	14.35	14.30	15.50
100		135	0	14.15	14.21	14.17	15.50
100		135	69	14.22	14.53	14.29	15.50
100		135	138	14.25	14.28	14.24	15.50
100	QPSK	270	0	14.07	14.15	14.05	15.50
100		1	1	13.58	13.78	13.58	15.50
100		1	137	14.15	14.27	14.13	15.50
100		1	271	14.20	14.22	14.17	15.50
100		135	0	14.09	14.15	14.08	15.50
100		135	69	14.12	14.22	14.16	15.50
100	16QAM	135	138	14.08	14.16	14.09	15.50
100		270	0	14.05	14.12	14.07	15.50
100	64QAM	1	1	13.50	13.66	13.51	15.50
100	256QAM	1	1	13.51	13.63	13.51	15.50
100	256QAM	1	1	13.70	13.90	13.78	15.50
Channel				639668	641666	643666	Tune-up Limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	13.67	13.82	13.82	15.50
Channel				639334	641666	644000	Tune-up Limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	13.75	13.82	13.80	15.50
Channel				639000	641666	644332	Tune-up Limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	13.75	13.78	13.80	15.50
Channel				638668	641666	644666	Tune-up Limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	13.79	13.85	13.80	15.50
Channel				638334	641666	645000	Tune-up Limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	13.79	13.87	13.83	15.50
Channel				638000	641666	645332	Tune-up Limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	13.69	13.79	13.78	15.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.77	13.80	13.71	15.50
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.74	13.82	13.73	15.50
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	13.74	13.77	13.77	15.50
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.79	13.78	13.71	15.50
Channel				636834	641666	646500	Tune-up Limit (dBm)
Frequency (MHz)				3552.51	3624.99	3697.5	
5	PI/2 BPSK	1	1	13.68	13.84	13.82	15.50

FCC							
<FR1 n77 (27Q)_Ant 8_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.56		15.00
100		1	137		14.06		15.00
100		1	271		13.78		15.00
100		135	0		14.01		15.00
100		135	69		14.25		15.00
100		135	138		14.00		15.00
100	QPSK	270	0		13.98		15.00
100		1	1		13.54		15.00
100		1	137		14.06		15.00
100		1	271		13.66		15.00
100		135	0		14.03		15.00
100		135	69		14.18		15.00
100	16QAM	135	138		14.03		15.00
100		270	0		14.08		15.00
100	64QAM	1	1		13.71		15.00
100	256QAM	1	1		13.70		15.00
100	256QAM	1	1		13.80		15.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.50	13.53	13.49	15.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.46	13.49	13.47	15.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.41	13.39	13.42	15.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.39	13.50	13.39	15.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.47	13.49	13.36	15.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.45	13.40	13.36	15.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.43	13.50	13.42	15.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.38	13.44	13.40	15.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.45	13.49	13.45	15.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.43	13.38	13.43	15.00

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<FR1 n77 (27Q)_HPUE_Ant 8_Tablet>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		Tune-up Limit (dBm)
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.56		15.00
100		1	137		14.06		15.00
100		1	271		13.78		15.00
100		135	0		14.01		14.50
100		135	69		14.25		15.00
100		135	138		14.00		14.50
100	QPSK	270	0		13.98		14.50
100		1	1		13.54		15.00
100		1	137		14.06		15.00
100		1	271		13.66		15.00
100		135	0		14.03		15.00
100		135	69		14.18		15.00
100	16QAM	135	138		14.03		15.00
100		270	0		14.08		15.00
100		1	1		13.71		15.00
100	64QAM	1	1		13.70		15.00
100	256QAM	1	1		13.80		15.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.50	13.53	13.49	15.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.46	13.49	13.47	15.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.41	13.39	13.42	15.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.39	13.50	13.39	15.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.47	13.49	13.36	15.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.45	13.40	13.36	15.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.43	13.50	13.42	15.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.38	13.44	13.40	15.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.45	13.49	13.45	15.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.43	13.38	13.43	15.00

FCC							
<FR1 n77 (270)_Ant 8_Tablet>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.50	13.58	13.54	15.00
100		1	137	14.01	14.07	14.02	15.00
100		1	271	13.88	13.95	13.89	15.00
100		135	0	14.01	14.19	14.03	15.00
100		135	69	14.32	14.34	14.30	15.00
100		135	138	14.01	14.18	14.05	15.00
100	QPSK	270	0	14.08	14.15	14.09	15.00
100		1	1	13.43	13.59	13.45	15.00
100		1	137	13.95	13.98	13.85	15.00
100		1	271	13.80	13.83	13.81	15.00
100		135	0	14.10	14.18	14.08	15.00
100		135	69	14.07	14.14	14.08	15.00
100	16QAM	1	1	13.65	13.74	13.70	15.00
100		1	1	13.71	13.77	13.70	15.00
100	256QAM	1	1	13.58	13.70	13.60	15.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.39	13.55	13.50	
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.49	13.45	13.53	
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.48	13.49	13.43	
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.38	13.54	13.43	
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.39	13.57	13.53	
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.45	13.51	13.52	
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.43	13.49	13.51	
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.42	13.46	13.41	
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.39	13.50	13.47	
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.38	13.55	13.45	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	656000	662000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.50	13.58	13.54	15.00
100		1	137	14.01	14.07	14.02	15.00
100		1	271	13.88	13.95	13.89	15.00
100		135	0	14.01	14.19	14.03	15.00
100		135	69	14.32	14.34	14.30	15.00
100		135	138	14.01	14.18	14.05	15.00
100	QPSK	270	0	14.08	14.15	14.09	15.00
100		1	1	13.43	13.59	13.45	15.00
100		1	137	13.95	13.98	13.85	15.00
100		1	271	13.80	13.83	13.81	15.00
100		135	0	14.10	14.18	14.08	15.00
100		135	69	14.07	14.14	14.08	15.00
100	16QAM	1	1	13.65	13.74	13.70	15.00
100		1	1	13.71	13.77	13.70	15.00
100	256QAM	1	1	13.58	13.70	13.60	15.00
Channel				649668	656000	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.39	13.55	13.50	15.00
Channel				649334	656000	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.49	13.45	13.53	15.00
Channel				649000	656000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.48	13.49	13.43	15.00
Channel				648668	656000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.38	13.54	13.43	15.00
Channel				648334	656000	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.39	13.57	13.53	15.00
Channel				648000	656000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.45	13.51	13.52	15.00
Channel				647668	656000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI/2 BPSK	1	1	13.43	13.49	13.51	15.00
Channel				647334	656000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.42	13.46	13.41	15.00
Channel				647168	656000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.39	13.50	13.47	15.00
Channel				647000	656000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.38	13.55	13.45	15.00