Appendix D-2. GSM/UMTS/LTE/NR Output Power

<GSM Conducted Power>

1. Per KDB 447498 D01v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.
2. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.
3. Other configurations of GSM / GPRS / EDGE are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode.

Output Power

<GSM>

GSM850_Ant 1_Index 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.82	31.84	31.77	33.20	22.82	22.84	22.77	24.20
GPRS 1 Tx slot	31.84	31.85	31.78	33.20	22.84	22.85	22.78	24.20
GPRS 2 Tx slots	30.85	31.24	31.18	32.20	24.85	25.24	25.18	26.20
GPRS 3 Tx slots	30.03	30.03	29.98	31.20	25.77	25.77	25.72	26.94
GPRS 4 Tx slots	29.00	29.18	29.07	30.20	26.00	26.18	26.07	27.20
EDGE 1 Tx slot	26.08	26.08	25.96	27.20	17.08	17.08	16.96	18.20
EDGE 2 Tx slots	24.72	24.99	24.91	26.20	18.72	18.99	18.91	20.20
EDGE 3 Tx slots	23.70	23.68	23.54	25.20	19.44	19.42	19.28	20.94
EDGE 4 Tx slots	22.45	22.34	22.24	24.20	19.45	19.34	19.24	21.20

GSM1900_Ant 0_Index 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.68	28.85	29.00	30.20	19.68	19.85	20.00	21.20
GPRS 1 Tx slot	28.69	28.86	29.01	30.20	19.69	19.86	20.01	21.20
GPRS 2 Tx slots	27.03	27.34	27.42	28.70	21.03	21.34	21.42	22.70
GPRS 3 Tx slots	26.67	26.91	26.96	28.20	22.41	22.65	22.70	23.94
GPRS 4 Tx slots	25.61	25.64	25.79	27.20	22.61	22.64	22.79	24.20
EDGE 1 Tx slot	25.03	25.19	25.52	26.20	16.03	16.19	16.52	17.20
EDGE 2 Tx slots	24.13	24.29	24.36	25.20	18.13	18.29	18.36	19.20
EDGE 3 Tx slots	23.34	23.68	23.56	24.20	19.08	19.42	19.30	19.94
EDGE 4 Tx slots	22.04	22.23	22.11	23.20	19.04	19.23	19.11	20.20

GSM850_Ant 1_Index 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.87	29.96	29.95	31.20	20.87	20.96	20.95	22.20
GPRS 1 Tx slot	30.69	30.60	30.62	32.50	21.69	21.60	21.62	23.50
GPRS 2 Tx slots	27.51	27.72	27.66	29.50	21.51	21.72	21.66	23.50
GPRS 3 Tx slots	26.08	26.14	25.98	27.70	21.82	21.88	21.72	23.44
GPRS 4 Tx slots	24.90	24.91	24.92	26.50	21.90	21.91	21.92	23.50
EDGE 1 Tx slot	26.05	25.91	26.01	27.20	17.05	16.91	17.01	18.20
EDGE 2 Tx slots	24.61	24.89	24.77	26.20	18.61	18.89	18.77	20.20
EDGE 3 Tx slots	23.76	23.65	23.55	25.20	19.50	19.39	19.29	20.94
EDGE 4 Tx slots	22.43	22.39	22.25	24.20	19.43	19.39	19.25	21.20

GSM1900_Ant 0_Index 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.68	28.85	29.00	30.20	19.68	19.85	20.00	21.20
GPRS 1 Tx slot	28.69	28.86	29.01	30.20	19.69	19.86	20.01	21.20
GPRS 2 Tx slots	27.03	27.34	27.42	28.70	21.03	21.34	21.42	22.70
GPRS 3 Tx slots	26.67	26.91	26.96	28.20	22.41	22.65	22.70	23.94
GPRS 4 Tx slots	25.61	25.64	25.79	27.20	22.61	22.64	22.79	24.20
EDGE 1 Tx slot	25.03	25.19	25.52	26.20	16.03	16.19	16.52	17.20
EDGE 2 Tx slots	24.13	24.29	24.36	25.20	18.13	18.29	18.36	19.20
EDGE 3 Tx slots	23.34	23.68	23.56	24.20	19.08	19.42	19.30	19.94
EDGE 4 Tx slots	22.04	22.23	22.11	23.20	19.04	19.23	19.11	20.20

GSM850_Ant 1_Index 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.87	29.96	29.95	30.00	20.87	20.96	20.95	21.00
GPRS 1 Tx slot	30.69	30.60	30.62	31.30	21.69	21.60	21.62	22.30
GPRS 2 Tx slots	27.51	27.72	27.66	28.30	21.51	21.72	21.66	22.30
GPRS 3 Tx slots	26.08	26.14	25.98	26.50	21.82	21.88	21.72	22.24
GPRS 4 Tx slots	24.90	24.91	24.92	25.30	21.90	21.91	21.92	22.30
EDGE 1 Tx slot	26.05	25.91	26.01	27.20	17.05	16.91	17.01	18.20
EDGE 2 Tx slots	24.61	24.89	24.77	26.20	18.61	18.89	18.77	20.20
EDGE 3 Tx slots	23.76	23.65	23.55	25.20	19.50	19.39	19.29	20.94
EDGE 4 Tx slots	22.43	22.39	22.25	24.20	19.43	19.39	19.25	21.20

GSM1900_Ant 0_Index 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.68	28.85	29.00	30.20	19.68	19.85	20.00	21.20
GPRS 1 Tx slot	28.69	28.86	29.01	30.20	19.69	19.86	20.01	21.20
GPRS 2 Tx slots	27.03	27.34	27.42	28.70	21.03	21.34	21.42	22.70
GPRS 3 Tx slots	26.67	26.91	26.96	28.20	22.41	22.65	22.70	23.94
GPRS 4 Tx slots	25.61	25.64	25.79	27.20	22.61	22.64	22.79	24.20
EDGE 1 Tx slot	25.03	25.19	25.52	26.20	16.03	16.19	16.52	17.20
EDGE 2 Tx slots	24.13	24.29	24.36	25.20	18.13	18.29	18.36	19.20
EDGE 3 Tx slots	23.34	23.68	23.56	24.20	19.08	19.42	19.30	19.94
EDGE 4 Tx slots	22.04	22.23	22.11	23.20	19.04	19.23	19.11	20.20

GSM850_Ant 1_Index 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.77	31.79	31.70	33.20	22.77	22.79	22.70	24.20
GPRS 1 Tx slot	31.82	31.79	31.71	33.20	22.82	22.79	22.71	24.20
GPRS 2 Tx slots	29.72	29.99	30.03	30.90	23.72	23.99	24.03	24.90
GPRS 3 Tx slots	28.43	28.38	28.38	29.10	24.17	24.12	24.12	24.84
GPRS 4 Tx slots	26.96	26.90	27.00	27.90	23.96	23.90	24.00	24.90
EDGE 1 Tx slot	26.02	26.01	25.92	27.20	17.02	17.01	16.92	18.20
EDGE 2 Tx slots	24.65	24.94	24.87	26.20	18.65	18.94	18.87	20.20
EDGE 3 Tx slots	23.66	23.65	23.46	25.20	19.40	19.39	19.20	20.94
EDGE 4 Tx slots	22.37	22.30	22.22	24.20	19.37	19.30	19.22	21.20

GSM1900_Ant 0_Index 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.40	26.43	26.44	27.20	17.40	17.43	17.44	18.20
GPRS 1 Tx slot	26.41	26.49	26.40	27.20	17.41	17.49	17.40	18.20
GPRS 2 Tx slots	23.41	23.50	23.47	24.20	17.41	17.50	17.47	18.20
GPRS 3 Tx slots	21.64	21.69	21.61	22.40	17.38	17.43	17.35	18.14
GPRS 4 Tx slots	20.13	20.43	20.28	21.20	17.13	17.43	17.28	18.20
EDGE 1 Tx slot	25.11	25.14	25.15	26.20	16.11	16.14	16.15	17.20
EDGE 2 Tx slots	23.40	23.41	23.40	24.20	17.40	17.41	17.40	18.20
EDGE 3 Tx slots	21.70	21.69	21.64	22.40	17.44	17.43	17.38	18.14
EDGE 4 Tx slots	20.49	20.43	20.40	21.20	17.49	17.43	17.40	18.20

GSM850_Ant 1_Index 5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.77	31.79	31.70	33.20	22.77	22.79	22.70	24.20
GPRS 1 Tx slot	31.82	31.79	31.71	33.20	22.82	22.79	22.71	24.20
GPRS 2 Tx slots	29.72	29.99	30.03	31.60	23.72	23.99	24.03	25.60
GPRS 3 Tx slots	28.43	28.38	28.38	29.80	24.17	24.12	24.12	25.54
GPRS 4 Tx slots	26.96	26.90	27.00	28.60	23.96	23.90	24.00	25.60
EDGE 1 Tx slot	26.02	26.01	25.92	27.20	17.02	17.01	16.92	18.20
EDGE 2 Tx slots	24.65	24.94	24.87	26.20	18.65	18.94	18.87	20.20
EDGE 3 Tx slots	23.66	23.65	23.46	25.20	19.40	19.39	19.20	20.94
EDGE 4 Tx slots	22.37	22.30	22.22	24.20	19.37	19.30	19.22	21.20

GSM1900_Ant 0_Index 5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.89	28.05	28.22	29.00	18.89	19.05	19.22	20.00
GPRS 1 Tx slot	27.99	28.09	28.29	29.00	18.99	19.09	19.29	20.00
GPRS 2 Tx slots	25.11	25.13	25.14	26.00	19.11	19.13	19.14	20.00
GPRS 3 Tx slots	23.34	23.38	23.31	24.20	19.08	19.12	19.05	19.94
GPRS 4 Tx slots	22.30	22.26	22.30	23.00	19.30	19.26	19.30	20.00
EDGE 1 Tx slot	25.01	25.10	25.42	26.20	16.01	16.10	16.42	17.20
EDGE 2 Tx slots	24.04	24.23	24.28	25.20	18.04	18.23	18.28	19.20
EDGE 3 Tx slots	22.78	23.08	22.98	24.20	18.52	18.82	18.72	19.94
EDGE 4 Tx slots	21.94	22.15	22.02	23.00	18.94	19.15	19.02	20.00

GSM850_Ant 1_Index 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.77	31.79	31.70	33.20	22.77	22.79	22.70	24.20
GPRS 1 Tx slot	31.82	31.79	31.71	33.20	22.82	22.79	22.71	24.20
GPRS 2 Tx slots	29.72	29.99	30.03	30.90	23.72	23.99	24.03	24.90
GPRS 3 Tx slots	28.43	28.38	28.38	29.10	24.17	24.12	24.12	24.84
GPRS 4 Tx slots	26.96	26.90	27.00	27.90	23.96	23.90	24.00	24.90
EDGE 1 Tx slot	26.02	26.01	25.92	27.20	17.02	17.01	16.92	18.20
EDGE 2 Tx slots	24.65	24.94	24.87	26.20	18.65	18.94	18.87	20.20
EDGE 3 Tx slots	23.66	23.65	23.46	25.20	19.40	19.39	19.20	20.94
EDGE 4 Tx slots	22.37	22.30	22.22	24.20	19.37	19.30	19.22	21.20

GSM1900_Ant 0_Index 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.89	28.05	28.22	28.30	18.89	19.05	19.22	19.30
GPRS 1 Tx slot	27.99	28.09	28.29	28.30	18.99	19.09	19.29	19.30
GPRS 2 Tx slots	25.11	25.13	25.14	25.30	19.11	19.13	19.14	19.30
GPRS 3 Tx slots	23.34	23.38	23.31	23.50	19.08	19.12	19.05	19.24
GPRS 4 Tx slots	22.30	22.26	22.30	22.30	19.30	19.26	19.30	19.30
EDGE 1 Tx slot	25.01	25.10	25.42	26.20	16.01	16.10	16.42	17.20
EDGE 2 Tx slots	24.04	24.23	24.28	25.20	18.04	18.23	18.28	19.20
EDGE 3 Tx slots	22.78	23.08	22.98	23.50	18.52	18.82	18.72	19.24
EDGE 4 Tx slots	21.94	22.15	22.02	22.30	18.94	19.15	19.02	19.30

<WCDMA Conducted Power>

1. The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
2. The procedures in KDB 941225 D01v03r01 are applied for 3GPP Rel. 6 HSPA to configure the device in the required sub-test mode(s) to determine SAR test exclusion.

A summary of these settings are illustrated below:

HSDPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting:
   i. Set Gain Factors (β_c and β_d) and parameters were set according to each
   ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
   iii. Set RMC 12.2Kbps + HSDPA mode.
   iv. Set Cell Power = -86 dBm
   v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
   vi. Select HSDPA Uplink Parameters
   vii. Set Delta ACK, Delta NACK and Delta CQI = 8
   viii. Set Ack-Nack Repetition Factor to 3
   ix. Set CQI Feedback Cycle (k) to 4 ms
   x. Set CQI Repetition Factor to 2
   xi. Power Ctrl Mode = All Up bits
d. The transmitted maximum output power was recorded.

Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15 (Note 4)	15/15 (Note 4)	64	12/15 (Note 4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note 1: Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c .

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with β_{hs} = 30/15 * β_c , and Δ_{CQI} = 24/15 with β_{hs} = 24/15 * β_c .

Note 3: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 11/15 and β_d = 15/15.

Setup Configuration

HSUPA Setup Configuration:

a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b. The RF path losses were compensated into the measurements.
c. A call was established between EUT and Base Station with following setting * :
   i. Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
   ii. Set the Gain Factors (β_c and β_d) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
   iii. Set Cell Power = -86 dBm
   iv. Set Channel Type = 12.2k + HSPA
   v. Set UE Target Power
   vi. Power Ctrl Mode= Alternating bits
   vii. Set and observe the E-TFCI
   viii. Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI
d. The transmitted maximum output power was recorded.

Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note1)	β_{ec}	β_{ed} (Note 4) (Note 5)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2) (Note 6)	AG Index (Note 5)	E-TFCI
1	11/15 (Note 3)	15/15 (Note 3)	64	11/15 (Note 3)	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed}1$: 47/15 $\beta_{ed}2$: 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	0	-	-	5/15	5/15	47/15	4	1	1.0	0.0	12	67

Note 1: For sub-test 1 to 4, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 30/15 with β_{hs} = 30/15 * β_c . For sub-test 5, Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 5/15 with β_{hs} = 5/15 * β_c .

Note 2: CM = 1 for β_c/β_d =12/15, β_{hs}/β_c=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to β_c = 10/15 and β_d = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: β_{ed} can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

Setup Configuration

<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 ≤ ¼ 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 ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA .

Output Power

<WCDMA>

Band		WCDMA II_Ant 0_Index 1			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 1			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.65	23.57	24.70	23.81	23.71	23.58	24.70	24.22	24.22	24.00	24.70
3GPP Rel 99	RMC 12.2Kbps	23.82	23.72	23.59	24.70	23.84	23.72	23.60	24.70	24.23	24.22	24.01	24.70
3GPP Rel 6	HSDPA Subtest-1	23.81	23.65	23.64	24.70	23.80	23.75	23.63	24.70	24.31	24.17	24.02	24.70
3GPP Rel 6	HSDPA Subtest-2	23.80	23.72	23.67	24.70	23.82	23.75	23.66	24.70	24.30	24.13	24.02	24.70
3GPP Rel 6	HSDPA Subtest-3	23.81	23.71	23.68	24.20	23.36	23.26	23.18	24.20	22.94	22.81	22.83	24.20
3GPP Rel 6	HSDPA Subtest-4	23.29	23.16	23.14	24.20	23.83	23.75	23.67	24.20	23.46	23.25	23.13	24.20
3GPP Rel 6	HSUPA Subtest-1	23.06	22.82	22.81	24.70	22.81	22.82	22.81	24.70	23.31	23.32	23.30	24.70
3GPP Rel 6	HSUPA Subtest-2	22.69	20.88	20.82	22.70	20.86	20.87	22.29	22.70	22.01	22.69	21.56	22.70
3GPP Rel 6	HSUPA Subtest-3	23.00	21.82	21.85	23.70	22.32	22.02	22.08	23.70	23.03	22.71	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	22.69	22.66	22.68	22.70	21.82	22.31	22.48	22.70	21.97	21.80	21.52	22.70
3GPP Rel 6	HSUPA Subtest-5	23.80	23.80	23.60	24.70	23.80	23.60	23.60	24.70	24.30	24.10	23.90	24.70

Band		WCDMA II_Ant 0_Index 2			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 2			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.65	23.57	24.70	23.81	23.71	23.58	24.70	23.10	22.99	22.84	23.90
3GPP Rel 99	RMC 12.2Kbps	23.82	23.72	23.59	24.70	23.84	23.72	23.60	24.70	23.12	23.02	22.90	23.90
3GPP Rel 6	HSDPA Subtest-1	23.81	23.65	23.64	24.70	23.80	23.75	23.63	24.70	23.00	23.06	22.90	23.90
3GPP Rel 6	HSDPA Subtest-2	23.80	23.72	23.67	24.70	23.82	23.75	23.66	24.70	22.99	23.00	22.88	23.90
3GPP Rel 6	HSDPA Subtest-3	23.81	23.71	23.68	24.20	23.36	23.26	23.18	24.20	22.85	22.82	22.68	23.40
3GPP Rel 6	HSDPA Subtest-4	23.29	23.16	23.14	24.20	23.83	23.75	23.67	24.20	23.00	23.04	22.83	23.40
3GPP Rel 6	HSUPA Subtest-1	23.06	22.82	22.81	24.70	22.81	22.82	22.81	24.70	22.94	22.84	22.72	23.90
3GPP Rel 6	HSUPA Subtest-2	22.69	20.88	20.82	22.70	20.86	20.87	22.29	22.70	21.88	21.80	21.68	21.90
3GPP Rel 6	HSUPA Subtest-3	23.00	21.82	21.85	23.70	22.32	22.02	22.08	23.70	22.13	21.99	21.90	22.90
3GPP Rel 6	HSUPA Subtest-4	22.69	22.66	22.68	22.70	21.82	22.31	22.48	22.70	21.90	21.83	21.71	21.90
3GPP Rel 6	HSUPA Subtest-5	23.80	23.80	23.60	24.70	23.80	23.60	23.60	24.70	23.10	23.10	23.00	23.90

Band		WCDMA II_Ant 0_Index 3			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 3			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.80	23.65	23.57	24.70	23.81	23.71	23.58	24.70	22.37	22.26	22.07	22.90
3GPP Rel 99	RMC 12.2Kbps	23.82	23.72	23.59	24.70	23.84	23.72	23.60	24.70	22.38	22.22	22.14	22.90
3GPP Rel 6	HSDPA Subtest-1	23.81	23.65	23.64	24.70	23.80	23.75	23.63	24.70	22.29	22.36	22.18	22.90
3GPP Rel 6	HSDPA Subtest-2	23.80	23.72	23.67	24.70	23.82	23.75	23.66	24.70	22.28	22.23	22.09	22.90
3GPP Rel 6	HSDPA Subtest-3	23.81	23.71	23.68	24.20	23.36	23.26	23.18	24.20	22.15	22.12	21.98	22.90
3GPP Rel 6	HSDPA Subtest-4	23.29	23.16	23.14	24.20	23.83	23.75	23.67	24.20	22.20	22.32	22.10	22.90
3GPP Rel 6	HSUPA Subtest-1	23.06	22.82	22.81	24.70	22.81	22.82	22.81	24.70	22.16	22.13	22.02	22.90
3GPP Rel 6	HSUPA Subtest-2	22.69	20.88	20.82	22.70	20.86	20.87	22.29	22.70	21.14	21.03	20.96	21.90
3GPP Rel 6	HSUPA Subtest-3	23.00	21.82	21.85	23.70	22.32	22.02	22.08	23.70	21.34	21.29	21.15	21.90
3GPP Rel 6	HSUPA Subtest-4	22.69	22.66	22.68	22.70	21.82	22.31	22.48	22.70	21.13	21.11	20.96	21.90
3GPP Rel 6	HSUPA Subtest-5	23.80	23.80	23.60	24.70	23.80	23.60	23.60	24.70	22.20	22.20	22.30	22.90

Band		WCDMA II_Ant 0_Index 4			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 4			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.81	16.72	16.66	18.00	17.36	17.21	17.20	18.70	24.22	24.22	24.00	24.70
3GPP Rel 99	RMC 12.2Kbps	16.89	16.81	16.68	18.00	17.41	17.27	17.24	18.70	24.23	24.22	24.01	24.70
3GPP Rel 6	HSDPA Subtest-1	16.76	16.89	16.94	18.00	17.43	17.25	17.18	18.70	24.31	24.17	24.02	24.70
3GPP Rel 6	HSDPA Subtest-2	16.82	16.96	16.98	18.00	17.45	17.26	17.18	18.70	24.30	24.13	24.02	24.70
3GPP Rel 6	HSDPA Subtest-3	16.87	16.95	16.97	18.00	17.42	17.26	17.25	18.70	22.94	22.81	22.83	24.20
3GPP Rel 6	HSDPA Subtest-4	16.83	16.99	17.01	18.00	17.46	17.28	17.17	18.70	23.46	23.25	23.13	24.20
3GPP Rel 6	HSUPA Subtest-1	15.98	16.77	16.84	17.50	16.75	16.22	16.18	17.70	23.31	23.32	23.30	24.70
3GPP Rel 6	HSUPA Subtest-2	15.96	16.86	16.89	17.50	16.77	16.20	16.15	17.70	22.01	22.69	21.56	22.70
3GPP Rel 6	HSUPA Subtest-3	15.97	16.77	16.82	17.50	16.72	16.19	16.13	17.70	23.03	22.71	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	15.95	16.80	16.82	17.50	16.71	16.19	16.09	17.70	21.97	21.80	21.52	22.70
3GPP Rel 6	HSUPA Subtest-5	16.90	17.30	17.40	17.70	17.60	17.30	17.20	18.70	24.30	24.10	23.90	24.70

Band		WCDMA II_Ant 0_Index 5			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 5			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.43	19.32	19.27	21.00	19.89	19.72	19.69	20.60	24.22	24.22	24.00	24.70
3GPP Rel 99	RMC 12.2Kbps	19.51	19.38	19.30	21.00	19.90	19.77	19.71	20.60	24.23	24.22	24.01	24.70
3GPP Rel 6	HSDPA Subtest-1	19.35	19.28	19.29	21.00	19.89	19.80	19.70	20.60	24.31	24.17	24.02	24.70
3GPP Rel 6	HSDPA Subtest-2	19.38	19.29	19.27	21.00	19.86	19.79	19.68	20.60	24.30	24.13	24.02	24.70
3GPP Rel 6	HSDPA Subtest-3	19.40	19.35	19.17	21.00	19.84	19.76	19.65	20.60	22.94	22.81	22.83	24.20
3GPP Rel 6	HSDPA Subtest-4	19.40	19.33	19.26	21.00	19.85	19.76	19.68	20.60	23.46	23.25	23.13	24.20
3GPP Rel 6	HSUPA Subtest-1	18.44	18.36	18.26	20.00	18.85	18.75	18.66	19.60	23.31	23.32	23.30	24.70
3GPP Rel 6	HSUPA Subtest-2	18.41	18.36	18.29	20.00	18.80	18.72	18.60	19.60	22.01	22.69	21.56	22.70
3GPP Rel 6	HSUPA Subtest-3	18.47	18.37	18.24	20.00	18.82	18.72	18.63	19.60	23.03	22.71	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	18.36	18.32	18.29	20.00	18.82	18.69	18.68	19.60	21.97	21.80	21.52	22.70
3GPP Rel 6	HSUPA Subtest-5	19.40	19.40	19.40	21.00	19.90	19.70	19.70	20.60	24.30	24.10	23.90	24.70

Band		WCDMA II_Ant 0_Index 6			Tune-up Limit (dBm)	WCDMA IV_Ant 0_Index 6			Tune-up Limit (dBm)	WCDMA V_Ant 1_Index 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.43	19.32	19.27	20.30	19.89	19.72	19.69	19.90	24.22	24.22	24.00	24.70
3GPP Rel 99	RMC 12.2Kbps	19.51	19.38	19.30	20.30	19.90	19.77	19.71	19.90	24.23	24.22	24.01	24.70
3GPP Rel 6	HSDPA Subtest-1	19.35	19.28	19.29	20.30	19.89	19.80	19.70	19.90	24.31	24.17	24.02	24.70
3GPP Rel 6	HSDPA Subtest-2	19.38	19.29	19.27	20.30	19.86	19.79	19.68	19.90	24.30	24.13	24.02	24.70
3GPP Rel 6	HSDPA Subtest-3	19.40	19.35	19.17	20.30	19.84	19.76	19.65	19.90	22.94	22.81	22.83	24.20
3GPP Rel 6	HSDPA Subtest-4	19.40	19.33	19.26	20.30	19.85	19.76	19.68	19.90	23.46	23.25	23.13	24.20
3GPP Rel 6	HSUPA Subtest-1	18.44	18.36	18.26	19.30	18.85	18.75	18.66	18.90	23.31	23.32	23.30	24.70
3GPP Rel 6	HSUPA Subtest-2	18.41	18.36	18.29	19.30	18.80	18.72	18.60	18.90	22.01	22.69	21.56	22.70
3GPP Rel 6	HSUPA Subtest-3	18.47	18.37	18.24	19.30	18.82	18.72	18.63	18.90	23.03	22.71	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	18.36	18.32	18.29	19.30	18.82	18.69	18.68	18.90	21.97	21.80	21.52	22.70
3GPP Rel 6	HSUPA Subtest-5	19.40	19.40	19.40	20.30	19.90	19.70	19.70	19.90	24.30	24.10	23.90	24.70

<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 ½ 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 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; 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 ≤ 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

Output Power

<LTE Band 2_Ant 0_Index 1>

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	23.51	23.46	23.38	24.7
20	QPSK	1	49	23.39	23.23	23.33	
20	QPSK	1	99	23.30	23.35	23.29	
20	QPSK	50	0	22.48	22.45	22.41	23.7
20	QPSK	50	24	22.42	22.42	22.37	
20	QPSK	50	50	22.38	22.37	22.35	
20	QPSK	100	0	22.42	22.42	22.37	
20	16QAM	1	0	22.79	22.74	22.59	23.7
20	16QAM	1	49	22.66	22.72	22.68	
20	16QAM	1	99	22.64	22.57	22.54	
20	16QAM	50	0	21.45	21.46	21.37	22.7
20	16QAM	50	24	21.39	21.41	21.36	
20	16QAM	50	50	21.35	21.36	21.34	
20	16QAM	100	0	21.42	21.41	21.38	
20	64QAM	1	0	21.73	21.63	21.51	22.7
20	64QAM	1	49	21.59	21.63	21.62	
20	64QAM	1	99	21.57	21.42	21.44	
20	64QAM	50	0	20.48	20.49	20.40	21.7
20	64QAM	50	24	20.42	20.45	20.41	
20	64QAM	50	50	20.37	20.39	20.37	
20	64QAM	100	0	20.41	20.44	20.38	
20	256QAM	1	0	18.53	18.62	18.46	19.7
20	256QAM	1	49	18.34	18.38	18.36	
20	256QAM	1	99	18.45	18.52	18.50	
20	256QAM	50	0	18.48	18.52	18.45	19.7
20	256QAM	50	24	18.48	18.52	18.49	
20	256QAM	50	50	18.41	18.45	18.38	
20	256QAM	100	0	18.43	18.48	18.42	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.41	23.42	23.33	24.7
15	QPSK	1	37	23.21	23.20	23.17	
15	QPSK	1	74	23.27	23.30	23.27	
15	QPSK	36	0	22.38	22.40	22.36	23.7
15	QPSK	36	20	22.34	22.35	22.32	
15	QPSK	36	39	22.32	22.31	22.30	
15	QPSK	75	0	22.35	22.36	22.33	
15	16QAM	1	0	22.74	22.71	22.62	23.7
15	16QAM	1	37	22.66	22.68	22.67	
15	16QAM	1	74	22.55	22.52	22.54	
15	16QAM	36	0	21.40	21.40	21.36	22.7
15	16QAM	36	20	21.33	21.36	21.34	
15	16QAM	36	39	21.31	21.32	21.31	
15	16QAM	75	0	21.36	21.37	21.35	
15	64QAM	1	0	21.67	21.61	21.52	22.7
15	64QAM	1	37	21.65	21.68	21.68	
15	64QAM	1	74	21.47	21.43	21.46	
15	64QAM	36	0	20.42	20.44	20.35	21.7
15	64QAM	36	20	20.35	20.41	20.33	
15	64QAM	36	39	20.32	20.37	20.31	
15	64QAM	75	0	20.33	20.37	20.30	
15	256QAM	1	0	18.45	18.56	18.42	19.7
15	256QAM	1	37	18.29	18.34	18.29	
15	256QAM	1	74	18.39	18.49	18.43	
15	256QAM	36	0	18.44	18.44	18.41	19.7

15	256QAM	36	20	18.45	18.48	18.41	
15	256QAM	36	39	18.34	18.37	18.34	
15	256QAM	75	0	18.35	18.41	18.37	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.36	23.33	23.28	24.7
10	QPSK	1	25	23.30	23.33	23.26	
10	QPSK	1	49	23.26	23.29	23.26	
10	QPSK	25	0	22.39	22.37	22.33	23.7
10	QPSK	25	12	22.37	22.35	22.31	
10	QPSK	25	25	22.36	22.34	22.30	
10	QPSK	50	0	22.38	22.35	22.32	
10	16QAM	1	0	22.50	22.56	22.54	23.7
10	16QAM	1	25	22.51	22.51	22.52	
10	16QAM	1	49	22.54	22.54	22.49	
10	16QAM	25	0	21.39	21.34	21.32	22.7
10	16QAM	25	12	21.37	21.31	21.30	
10	16QAM	25	25	21.36	21.30	21.27	
10	16QAM	50	0	21.37	21.30	21.28	
10	64QAM	1	0	21.46	21.44	21.40	22.7
10	64QAM	1	25	21.40	21.37	21.32	
10	64QAM	1	49	21.49	21.43	21.36	
10	64QAM	25	0	20.35	20.32	20.32	21.7
10	64QAM	25	12	20.34	20.30	20.30	
10	64QAM	25	25	20.33	20.29	20.28	
10	64QAM	50	0	20.36	20.32	20.33	
10	256QAM	1	0	18.48	18.59	18.42	19.7
10	256QAM	1	25	18.28	18.31	18.32	
10	256QAM	1	49	18.42	18.45	18.42	
10	256QAM	25	0	18.45	18.49	18.37	19.7
10	256QAM	25	12	18.43	18.49	18.46	
10	256QAM	25	25	18.34	18.41	18.33	
10	256QAM	50	0	18.35	18.42	18.35	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.26	23.44	23.41	24.7
5	QPSK	1	12	23.23	23.33	23.30	
5	QPSK	1	24	23.28	23.38	23.27	
5	QPSK	12	0	22.33	22.31	22.30	23.7
5	QPSK	12	7	22.34	22.29	22.29	
5	QPSK	12	13	22.35	22.31	22.31	
5	QPSK	25	0	22.38	22.34	22.32	
5	16QAM	1	0	22.56	22.63	22.64	23.7
5	16QAM	1	12	22.60	22.61	22.59	
5	16QAM	1	24	22.56	22.58	22.53	
5	16QAM	12	0	21.33	21.29	21.26	22.7
5	16QAM	12	7	21.37	21.31	21.30	
5	16QAM	12	13	21.33	21.27	21.24	
5	16QAM	25	0	21.33	21.27	21.25	
5	64QAM	1	0	21.55	21.52	21.53	22.7
5	64QAM	1	12	21.65	21.60	21.61	
5	64QAM	1	24	21.56	21.49	21.45	
5	64QAM	12	0	20.33	20.33	20.36	21.7
5	64QAM	12	7	20.34	20.33	20.34	
5	64QAM	12	13	20.34	20.31	20.33	
5	64QAM	25	0	20.30	20.29	20.27	
5	256QAM	1	0	18.50	18.57	18.41	19.7
5	256QAM	1	12	18.29	18.32	18.31	
5	256QAM	1	24	18.38	18.49	18.43	
5	256QAM	12	0	18.40	18.45	18.41	19.7
5	256QAM	12	7	18.45	18.44	18.44	
5	256QAM	12	13	18.36	18.37	18.33	
5	256QAM	25	0	18.37	18.43	18.34	

Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.38	23.40	23.29	24.7
3	QPSK	1	8	23.28	23.24	23.18	
3	QPSK	1	14	23.32	23.24	23.21	
3	QPSK	8	0	22.34	22.33	22.29	23.7
3	QPSK	8	4	22.26	22.24	22.21	
3	QPSK	8	7	22.33	22.30	22.27	
3	QPSK	15	0	22.44	22.43	22.35	
3	16QAM	1	0	22.57	22.60	22.58	23.7
3	16QAM	1	8	22.51	22.53	22.48	
3	16QAM	1	14	22.59	22.60	22.55	
3	16QAM	8	0	21.38	21.36	21.29	22.7
3	16QAM	8	4	21.35	21.31	21.26	
3	16QAM	8	7	21.34	21.31	21.24	
3	16QAM	15	0	21.40	21.37	21.31	
3	64QAM	1	0	21.53	21.51	21.47	22.7
3	64QAM	1	8	21.45	21.41	21.37	
3	64QAM	1	14	21.55	21.50	21.46	
3	64QAM	8	0	20.35	20.35	20.31	21.7
3	64QAM	8	4	20.31	20.29	20.28	
3	64QAM	8	7	20.37	20.36	20.32	
3	64QAM	15	0	20.31	20.29	20.24	
3	256QAM	1	0	18.46	18.58	18.43	19.7
3	256QAM	1	8	18.29	18.33	18.33	
3	256QAM	1	14	18.41	18.46	18.47	
3	256QAM	8	0	18.42	18.48	18.39	19.7
3	256QAM	8	4	18.44	18.45	18.46	
3	256QAM	8	7	18.36	18.37	18.33	
3	256QAM	15	0	18.37	18.41	18.38	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.24	23.29	23.26	24.7
1.4	QPSK	1	3	23.17	23.32	23.21	
1.4	QPSK	1	5	23.20	23.28	23.22	
1.4	QPSK	3	0	23.23	23.26	23.23	
1.4	QPSK	3	1	23.11	23.16	23.12	
1.4	QPSK	3	3	23.25	23.28	23.25	
1.4	QPSK	6	0	22.31	22.33	22.25	23.7
1.4	16QAM	1	0	22.49	22.57	22.49	23.7
1.4	16QAM	1	3	22.41	22.47	22.38	
1.4	16QAM	1	5	22.52	22.58	22.48	
1.4	16QAM	3	0	22.20	22.23	22.14	
1.4	16QAM	3	1	22.25	22.30	22.21	
1.4	16QAM	3	3	22.22	22.24	22.16	
1.4	16QAM	6	0	21.35	21.35	21.28	22.7
1.4	64QAM	1	0	21.48	21.45	21.39	22.7
1.4	64QAM	1	3	21.29	21.27	21.21	
1.4	64QAM	1	5	21.45	21.44	21.36	
1.4	64QAM	3	0	21.33	21.31	21.22	
1.4	64QAM	3	1	21.37	21.34	21.26	
1.4	64QAM	3	3	21.39	21.38	21.28	
1.4	64QAM	6	0	20.26	20.26	20.18	21.7
1.4	256QAM	1	0	18.48	18.43	18.44	19.7
1.4	256QAM	1	3	18.37	18.32	18.33	
1.4	256QAM	1	5	18.43	18.38	18.39	
1.4	256QAM	3	0	18.45	18.40	18.41	
1.4	256QAM	3	1	18.40	18.35	18.36	
1.4	256QAM	3	3	18.44	18.39	18.40	
1.4	256QAM	6	0	18.38	18.33	18.34	19.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.23	23.13	23.09	24.5
20	QPSK	1	49	22.93	23.07	22.84	
20	QPSK	1	99	22.98	23.00	22.94	
20	QPSK	50	0	22.19	22.13	22.09	23.5
20	QPSK	50	24	22.11	22.08	22.07	
20	QPSK	50	50	22.06	22.07	22.03	
20	QPSK	100	0	22.11	22.09	22.05	
20	16QAM	1	0	22.51	22.42	22.35	23.5
20	16QAM	1	49	22.35	22.39	22.31	
20	16QAM	1	99	22.30	22.30	22.20	
20	16QAM	50	0	21.15	21.10	21.04	22.5
20	16QAM	50	24	21.06	21.04	20.98	
20	16QAM	50	50	21.01	21.00	20.95	
20	16QAM	100	0	21.06	21.05	21.00	
20	64QAM	1	0	21.39	21.30	21.18	22.5
20	64QAM	1	49	21.25	21.28	21.21	
20	64QAM	1	99	21.13	21.16	21.09	
20	64QAM	50	0	20.15	20.10	20.03	21.5
20	64QAM	50	24	20.07	20.07	20.01	
20	64QAM	50	50	20.01	20.02	19.96	
20	64QAM	100	0	20.06	20.03	19.96	
20	256QAM	1	0	18.46	18.47	18.43	19.5
20	256QAM	1	49	18.21	18.22	18.18	
20	256QAM	1	99	18.34	18.35	18.31	
20	256QAM	50	0	18.33	18.34	18.30	19.5
20	256QAM	50	24	18.26	18.27	18.23	
20	256QAM	50	50	18.25	18.26	18.22	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.15	23.12	24.5
15	QPSK	1	37	22.83	22.96	22.93	
15	QPSK	1	74	22.92	23.05	22.95	
15	QPSK	36	0	22.08	22.11	22.08	23.5
15	QPSK	36	20	22.04	22.08	22.06	
15	QPSK	36	39	22.01	22.08	22.02	
15	QPSK	75	0	22.04	22.08	22.05	
15	16QAM	1	0	22.42	22.43	22.40	23.5
15	16QAM	1	37	22.32	22.38	22.35	
15	16QAM	1	74	22.22	22.33	22.22	
15	16QAM	36	0	21.07	21.10	21.04	22.5
15	16QAM	36	20	21.01	21.06	21.01	
15	16QAM	36	39	20.97	21.04	20.97	
15	16QAM	75	0	21.02	21.06	21.01	
15	64QAM	1	0	21.33	21.31	21.24	22.5
15	64QAM	1	37	21.33	21.38	21.33	
15	64QAM	1	74	21.10	21.20	21.09	
15	64QAM	36	0	20.09	20.12	20.04	21.5
15	64QAM	36	20	20.04	20.07	20.02	
15	64QAM	36	39	20.01	20.05	19.98	
15	64QAM	75	0	20.00	20.04	19.99	
15	256QAM	1	0	18.38	18.41	18.41	19.5
15	256QAM	1	37	18.18	18.13	18.18	
15	256QAM	1	74	18.28	18.28	18.27	
15	256QAM	36	0	18.31	18.33	18.25	19.5
15	256QAM	36	20	18.23	18.24	18.23	

15	256QAM	36	39	18.17	18.20	18.17	
15	256QAM	75	0	18.24	18.21	18.22	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.12	23.07	23.08	24.5
10	QPSK	1	25	22.98	23.01	23.03	
10	QPSK	1	49	22.93	23.03	22.98	
10	QPSK	25	0	22.04	22.10	22.10	23.5
10	QPSK	25	12	22.02	22.06	22.08	
10	QPSK	25	25	22.00	22.07	22.05	
10	QPSK	50	0	22.04	22.09	22.08	
10	16QAM	1	0	22.34	22.37	22.35	23.5
10	16QAM	1	25	22.29	22.36	22.29	
10	16QAM	1	49	22.21	22.34	22.24	
10	16QAM	25	0	21.06	21.10	21.09	22.5
10	16QAM	25	12	21.02	21.06	21.04	
10	16QAM	25	25	21.00	21.06	21.01	
10	16QAM	50	0	21.00	21.06	21.04	
10	64QAM	1	0	21.21	21.23	21.21	22.5
10	64QAM	1	25	21.09	21.16	21.15	
10	64QAM	1	49	21.11	21.16	21.09	
10	64QAM	25	0	20.04	20.07	20.05	21.5
10	64QAM	25	12	19.98	20.04	20.02	
10	64QAM	25	25	19.97	20.04	20.00	
10	64QAM	50	0	20.02	20.07	20.03	
10	256QAM	1	0	18.36	18.40	18.36	19.5
10	256QAM	1	25	18.11	18.21	18.10	
10	256QAM	1	49	18.29	18.26	18.28	
10	256QAM	25	0	18.33	18.25	18.21	19.5
10	256QAM	25	12	18.18	18.24	18.21	
10	256QAM	25	25	18.21	18.23	18.14	
10	256QAM	50	0	18.21	18.30	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.04	23.13	24.5
5	QPSK	1	12	23.02	22.95	23.00	
5	QPSK	1	24	22.96	23.00	22.97	
5	QPSK	12	0	22.09	22.06	22.04	23.5
5	QPSK	12	7	22.00	22.03	22.02	
5	QPSK	12	13	22.01	22.05	22.03	
5	QPSK	25	0	22.02	22.05	22.03	
5	16QAM	1	0	22.42	22.40	22.38	23.5
5	16QAM	1	12	22.42	22.43	22.37	
5	16QAM	1	24	22.33	22.36	22.28	
5	16QAM	12	0	21.05	21.06	21.04	22.5
5	16QAM	12	7	21.06	21.07	21.03	
5	16QAM	12	13	21.03	21.04	20.99	
5	16QAM	25	0	21.01	21.02	21.01	
5	64QAM	1	0	21.29	21.27	21.26	22.5
5	64QAM	1	12	21.36	21.39	21.34	
5	64QAM	1	24	21.19	21.22	21.16	
5	64QAM	12	0	20.10	20.12	20.07	21.5
5	64QAM	12	7	20.08	20.09	20.06	
5	64QAM	12	13	20.06	20.10	20.04	
5	64QAM	25	0	20.02	20.01	20.00	
5	256QAM	1	0	18.45	18.39	18.37	19.5
5	256QAM	1	12	18.21	18.17	18.17	
5	256QAM	1	24	18.24	18.27	18.30	
5	256QAM	12	0	18.30	18.28	18.30	19.5
5	256QAM	12	7	18.18	18.21	18.18	
5	256QAM	12	13	18.23	18.18	18.13	
5	256QAM	25	0	18.30	18.29	18.24	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.19	23.11	22.95	24.5
3	QPSK	1	8	23.07	23.01	22.89	
3	QPSK	1	14	23.04	23.13	22.92	
3	QPSK	8	0	22.04	22.05	22.01	23.5
3	QPSK	8	4	21.95	21.94	21.91	
3	QPSK	8	7	22.02	22.02	21.98	
3	QPSK	15	0	22.05	22.04	22.05	
3	16QAM	1	0	22.38	22.38	22.36	23.5
3	16QAM	1	8	22.32	22.31	22.23	
3	16QAM	1	14	22.40	22.40	22.31	
3	16QAM	8	0	21.12	21.10	21.05	22.5
3	16QAM	8	4	21.06	21.04	21.01	
3	16QAM	8	7	21.05	21.06	20.99	
3	16QAM	15	0	21.09	21.05	21.03	
3	64QAM	1	0	21.31	21.25	21.23	22.5
3	64QAM	1	8	21.19	21.18	21.14	
3	64QAM	1	14	21.27	21.27	21.20	
3	64QAM	8	0	20.07	20.06	20.03	21.5
3	64QAM	8	4	20.02	20.01	19.97	
3	64QAM	8	7	20.09	20.07	20.02	
3	64QAM	15	0	20.00	19.97	19.94	
3	256QAM	1	0	18.46	18.43	18.33	19.5
3	256QAM	1	8	18.15	18.16	18.15	
3	256QAM	1	14	18.26	18.35	18.30	
3	256QAM	8	0	18.26	18.25	18.21	19.5
3	256QAM	8	4	18.18	18.22	18.17	
3	256QAM	8	7	18.19	18.23	18.14	
3	256QAM	15	0	18.28	18.22	18.17	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.10	22.99	24.5
1.4	QPSK	1	3	22.96	22.99	22.89	
1.4	QPSK	1	5	23.03	23.04	22.98	
1.4	QPSK	3	0	23.03	23.02	23.01	
1.4	QPSK	3	1	22.91	22.91	22.90	
1.4	QPSK	3	3	23.05	23.04	22.99	
1.4	QPSK	6	0	22.02	22.02	22.00	23.5
1.4	16QAM	1	0	22.40	22.40	22.34	23.5
1.4	16QAM	1	3	22.34	22.36	22.22	
1.4	16QAM	1	5	22.40	22.40	22.31	
1.4	16QAM	3	0	22.01	22.02	21.95	
1.4	16QAM	3	1	22.06	22.06	21.99	
1.4	16QAM	3	3	22.04	22.01	21.97	
1.4	16QAM	6	0	21.09	21.09	21.07	22.5
1.4	64QAM	1	0	21.30	21.27	21.23	22.5
1.4	64QAM	1	3	21.28	21.09	21.02	
1.4	64QAM	1	5	21.31	21.25	21.19	
1.4	64QAM	3	0	21.05	21.08	21.05	
1.4	64QAM	3	1	21.07	21.12	21.06	
1.4	64QAM	3	3	21.12	21.15	21.10	
1.4	64QAM	6	0	20.05	20.01	19.98	21.5
1.4	256QAM	1	0	18.42	18.41	18.43	19.5
1.4	256QAM	1	3	18.27	18.26	18.28	
1.4	256QAM	1	5	18.42	18.41	18.43	
1.4	256QAM	3	0	18.33	18.32	18.34	
1.4	256QAM	3	1	18.25	18.24	18.26	
1.4	256QAM	3	3	18.33	18.32	18.34	
1.4	256QAM	6	0	18.24	18.23	18.25	19.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.51	23.46	23.38	24.7
20	QPSK	1	49	23.39	23.23	23.33	
20	QPSK	1	99	23.30	23.35	23.29	
20	QPSK	50	0	22.48	22.45	22.41	23.7
20	QPSK	50	24	22.42	22.42	22.37	
20	QPSK	50	50	22.38	22.37	22.35	
20	QPSK	100	0	22.42	22.42	22.37	
20	16QAM	1	0	22.79	22.74	22.59	23.7
20	16QAM	1	49	22.66	22.72	22.68	
20	16QAM	1	99	22.64	22.57	22.54	
20	16QAM	50	0	21.45	21.46	21.37	22.7
20	16QAM	50	24	21.39	21.41	21.36	
20	16QAM	50	50	21.35	21.36	21.34	
20	16QAM	100	0	21.42	21.41	21.38	
20	64QAM	1	0	21.73	21.63	21.51	22.7
20	64QAM	1	49	21.59	21.63	21.62	
20	64QAM	1	99	21.57	21.42	21.44	
20	64QAM	50	0	20.48	20.49	20.40	21.7
20	64QAM	50	24	20.42	20.45	20.41	
20	64QAM	50	50	20.37	20.39	20.37	
20	64QAM	100	0	20.41	20.44	20.38	
20	256QAM	1	0	18.53	18.62	18.46	19.7
20	256QAM	1	49	18.34	18.38	18.36	
20	256QAM	1	99	18.45	18.52	18.50	
20	256QAM	50	0	18.48	18.52	18.45	19.7
20	256QAM	50	24	18.48	18.52	18.49	
20	256QAM	50	50	18.41	18.45	18.38	
20	256QAM	100	0	18.43	18.48	18.42	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.41	23.42	23.33	24.7
15	QPSK	1	37	23.21	23.20	23.17	
15	QPSK	1	74	23.27	23.30	23.27	
15	QPSK	36	0	22.38	22.40	22.36	23.7
15	QPSK	36	20	22.34	22.35	22.32	
15	QPSK	36	39	22.32	22.31	22.30	
15	QPSK	75	0	22.35	22.36	22.33	
15	16QAM	1	0	22.74	22.71	22.62	23.7
15	16QAM	1	37	22.66	22.68	22.67	
15	16QAM	1	74	22.55	22.52	22.54	
15	16QAM	36	0	21.40	21.40	21.36	22.7
15	16QAM	36	20	21.33	21.36	21.34	
15	16QAM	36	39	21.31	21.32	21.31	
15	16QAM	75	0	21.36	21.37	21.35	
15	64QAM	1	0	21.67	21.61	21.52	22.7
15	64QAM	1	37	21.65	21.68	21.68	
15	64QAM	1	74	21.47	21.43	21.46	
15	64QAM	36	0	20.42	20.44	20.35	21.7
15	64QAM	36	20	20.35	20.41	20.33	
15	64QAM	36	39	20.32	20.37	20.31	
15	64QAM	75	0	20.33	20.37	20.30	
15	256QAM	1	0	18.45	18.56	18.42	19.7
15	256QAM	1	37	18.29	18.34	18.29	
15	256QAM	1	74	18.39	18.49	18.43	
15	256QAM	36	0	18.44	18.44	18.41	19.7
15	256QAM	36	20	18.45	18.48	18.41	

15	256QAM	36	39	18.34	18.37	18.34	
15	256QAM	75	0	18.35	18.41	18.37	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.36	23.33	23.28	24.7
10	QPSK	1	25	23.30	23.33	23.26	
10	QPSK	1	49	23.26	23.29	23.26	
10	QPSK	25	0	22.39	22.37	22.33	23.7
10	QPSK	25	12	22.37	22.35	22.31	
10	QPSK	25	25	22.36	22.34	22.30	
10	QPSK	50	0	22.38	22.35	22.32	
10	16QAM	1	0	22.50	22.56	22.54	23.7
10	16QAM	1	25	22.51	22.51	22.52	
10	16QAM	1	49	22.54	22.54	22.49	
10	16QAM	25	0	21.39	21.34	21.32	22.7
10	16QAM	25	12	21.37	21.31	21.30	
10	16QAM	25	25	21.36	21.30	21.27	
10	16QAM	50	0	21.37	21.30	21.28	
10	64QAM	1	0	21.46	21.44	21.40	22.7
10	64QAM	1	25	21.40	21.37	21.32	
10	64QAM	1	49	21.49	21.43	21.36	
10	64QAM	25	0	20.35	20.32	20.32	21.7
10	64QAM	25	12	20.34	20.30	20.30	
10	64QAM	25	25	20.33	20.29	20.28	
10	64QAM	50	0	20.36	20.32	20.33	
10	256QAM	1	0	18.48	18.59	18.42	19.7
10	256QAM	1	25	18.28	18.31	18.32	
10	256QAM	1	49	18.42	18.45	18.42	
10	256QAM	25	0	18.45	18.49	18.37	19.7
10	256QAM	25	12	18.43	18.49	18.46	
10	256QAM	25	25	18.34	18.41	18.33	
10	256QAM	50	0	18.35	18.42	18.35	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.26	23.44	23.41	24.7
5	QPSK	1	12	23.23	23.33	23.30	
5	QPSK	1	24	23.28	23.38	23.27	
5	QPSK	12	0	22.33	22.31	22.30	23.7
5	QPSK	12	7	22.34	22.29	22.29	
5	QPSK	12	13	22.35	22.31	22.31	
5	QPSK	25	0	22.38	22.34	22.32	
5	16QAM	1	0	22.56	22.63	22.64	23.7
5	16QAM	1	12	22.60	22.61	22.59	
5	16QAM	1	24	22.56	22.58	22.53	
5	16QAM	12	0	21.33	21.29	21.26	22.7
5	16QAM	12	7	21.37	21.31	21.30	
5	16QAM	12	13	21.33	21.27	21.24	
5	16QAM	25	0	21.33	21.27	21.25	
5	64QAM	1	0	21.55	21.52	21.53	22.7
5	64QAM	1	12	21.65	21.60	21.61	
5	64QAM	1	24	21.56	21.49	21.45	
5	64QAM	12	0	20.33	20.33	20.36	21.7
5	64QAM	12	7	20.34	20.33	20.34	
5	64QAM	12	13	20.34	20.31	20.33	
5	64QAM	25	0	20.30	20.29	20.27	
5	256QAM	1	0	18.50	18.57	18.41	19.7
5	256QAM	1	12	18.29	18.32	18.31	
5	256QAM	1	24	18.38	18.49	18.43	
5	256QAM	12	0	18.40	18.45	18.41	19.7
5	256QAM	12	7	18.45	18.44	18.44	
5	256QAM	12	13	18.36	18.37	18.33	
5	256QAM	25	0	18.37	18.43	18.34	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.38	23.40	23.29	24.7
3	QPSK	1	8	23.28	23.24	23.18	
3	QPSK	1	14	23.32	23.24	23.21	
3	QPSK	8	0	22.34	22.33	22.29	23.7
3	QPSK	8	4	22.26	22.24	22.21	
3	QPSK	8	7	22.33	22.30	22.27	
3	QPSK	15	0	22.44	22.43	22.35	
3	16QAM	1	0	22.57	22.60	22.58	23.7
3	16QAM	1	8	22.51	22.53	22.48	
3	16QAM	1	14	22.59	22.60	22.55	
3	16QAM	8	0	21.38	21.36	21.29	22.7
3	16QAM	8	4	21.35	21.31	21.26	
3	16QAM	8	7	21.34	21.31	21.24	
3	16QAM	15	0	21.40	21.37	21.31	
3	64QAM	1	0	21.53	21.51	21.47	22.7
3	64QAM	1	8	21.45	21.41	21.37	
3	64QAM	1	14	21.55	21.50	21.46	
3	64QAM	8	0	20.35	20.35	20.31	21.7
3	64QAM	8	4	20.31	20.29	20.28	
3	64QAM	8	7	20.37	20.36	20.32	
3	64QAM	15	0	20.31	20.29	20.24	
3	256QAM	1	0	18.46	18.58	18.43	19.7
3	256QAM	1	8	18.29	18.33	18.33	
3	256QAM	1	14	18.41	18.46	18.47	
3	256QAM	8	0	18.42	18.48	18.39	19.7
3	256QAM	8	4	18.44	18.45	18.46	
3	256QAM	8	7	18.36	18.37	18.33	
3	256QAM	15	0	18.37	18.41	18.38	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.24	23.29	23.26	24.7
1.4	QPSK	1	3	23.17	23.32	23.21	
1.4	QPSK	1	5	23.20	23.28	23.22	
1.4	QPSK	3	0	23.23	23.26	23.23	
1.4	QPSK	3	1	23.11	23.16	23.12	
1.4	QPSK	3	3	23.25	23.28	23.25	
1.4	QPSK	6	0	22.31	22.33	22.25	23.7
1.4	16QAM	1	0	22.49	22.57	22.49	23.7
1.4	16QAM	1	3	22.41	22.47	22.38	
1.4	16QAM	1	5	22.52	22.58	22.48	
1.4	16QAM	3	0	22.20	22.23	22.14	
1.4	16QAM	3	1	22.25	22.30	22.21	
1.4	16QAM	3	3	22.22	22.24	22.16	
1.4	16QAM	6	0	21.35	21.35	21.28	22.7
1.4	64QAM	1	0	21.48	21.45	21.39	22.7
1.4	64QAM	1	3	21.29	21.27	21.21	
1.4	64QAM	1	5	21.45	21.44	21.36	
1.4	64QAM	3	0	21.33	21.31	21.22	
1.4	64QAM	3	1	21.37	21.34	21.26	
1.4	64QAM	3	3	21.39	21.38	21.28	
1.4	64QAM	6	0	20.26	20.26	20.18	21.7
1.4	256QAM	1	0	18.48	18.43	18.44	19.7
1.4	256QAM	1	3	18.37	18.32	18.33	
1.4	256QAM	1	5	18.43	18.38	18.39	
1.4	256QAM	3	0	18.45	18.40	18.41	
1.4	256QAM	3	1	18.40	18.35	18.36	
1.4	256QAM	3	3	18.44	18.39	18.40	
1.4	256QAM	6	0	18.38	18.33	18.34	19.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.87	17.79	17.70	19.5
20	QPSK	1	49	17.56	17.56	17.51	
20	QPSK	1	99	17.67	17.68	17.60	
20	QPSK	50	0	17.77	17.73	17.70	19.5
20	QPSK	50	24	17.75	17.71	17.70	
20	QPSK	50	50	17.69	17.69	17.65	
20	QPSK	100	0	17.78	17.75	17.72	
20	16QAM	1	0	18.22	18.10	18.00	19.5
20	16QAM	1	49	18.02	18.02	17.94	
20	16QAM	1	99	18.02	17.99	17.92	
20	16QAM	50	0	17.80	17.76	17.71	19.5
20	16QAM	50	24	17.74	17.75	17.70	
20	16QAM	50	50	17.70	17.71	17.68	
20	16QAM	100	0	17.77	17.76	17.71	
20	64QAM	1	0	18.10	17.97	17.89	19.5
20	64QAM	1	49	17.95	17.93	17.85	
20	64QAM	1	99	17.87	17.84	17.79	
20	64QAM	50	0	17.85	17.79	17.72	19.5
20	64QAM	50	24	17.78	17.77	17.71	
20	64QAM	50	50	17.73	17.73	17.69	
20	64QAM	100	0	17.78	17.74	17.70	
20	256QAM	1	0	17.77	17.84	17.78	19.5
20	256QAM	1	49	17.58	17.54	17.55	
20	256QAM	1	99	17.84	17.79	17.78	
20	256QAM	50	0	17.80	17.76	17.66	19.5
20	256QAM	50	24	17.69	17.65	17.63	
20	256QAM	50	50	17.71	17.72	17.71	
20	256QAM	100	0	17.64	17.73	17.68	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.85	17.76	17.67	19.5
15	QPSK	1	37	17.54	17.51	17.49	
15	QPSK	1	74	17.65	17.62	17.57	
15	QPSK	36	0	17.74	17.70	17.65	19.5
15	QPSK	36	20	17.72	17.69	17.68	
15	QPSK	36	39	17.66	17.65	17.63	
15	QPSK	75	0	17.73	17.69	17.68	
15	16QAM	1	0	18.17	18.06	17.98	19.5
15	16QAM	1	37	17.98	17.99	17.88	
15	16QAM	1	74	17.98	17.96	17.89	
15	16QAM	36	0	17.76	17.71	17.68	19.5
15	16QAM	36	20	17.68	17.72	17.66	
15	16QAM	36	39	17.66	17.65	17.66	
15	16QAM	75	0	17.72	17.74	17.67	
15	64QAM	1	0	18.07	17.93	17.83	19.5
15	64QAM	1	37	17.90	17.91	17.79	
15	64QAM	1	74	17.85	17.79	17.77	
15	64QAM	36	0	17.80	17.75	17.69	19.5
15	64QAM	36	20	17.74	17.74	17.66	
15	64QAM	36	39	17.69	17.68	17.63	
15	64QAM	75	0	17.73	17.71	17.65	
15	256QAM	1	0	17.75	17.82	17.75	19.5
15	256QAM	1	37	17.55	17.49	17.52	
15	256QAM	1	74	17.82	17.75	17.73	
15	256QAM	36	0	17.77	17.71	17.62	19.5
15	256QAM	36	20	17.66	17.60	17.60	

15	256QAM	36	39	17.66	17.68	17.67	
15	256QAM	75	0	17.62	17.71	17.64	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.84	17.76	17.64	19.5
10	QPSK	1	25	17.50	17.54	17.47	
10	QPSK	1	49	17.65	17.63	17.58	
10	QPSK	25	0	17.75	17.70	17.67	19.5
10	QPSK	25	12	17.72	17.65	17.64	
10	QPSK	25	25	17.67	17.63	17.59	
10	QPSK	50	0	17.75	17.70	17.68	
10	16QAM	1	0	18.17	18.06	17.98	19.5
10	16QAM	1	25	17.99	17.99	17.91	
10	16QAM	1	49	17.96	17.95	17.87	
10	16QAM	25	0	17.78	17.70	17.65	19.5
10	16QAM	25	12	17.71	17.73	17.67	
10	16QAM	25	25	17.65	17.67	17.63	
10	16QAM	50	0	17.73	17.74	17.67	
10	64QAM	1	0	18.07	17.95	17.84	19.5
10	64QAM	1	25	17.89	17.89	17.81	
10	64QAM	1	49	17.84	17.79	17.77	
10	64QAM	25	0	17.82	17.77	17.66	19.5
10	64QAM	25	12	17.76	17.71	17.65	
10	64QAM	25	25	17.68	17.68	17.67	
10	64QAM	50	0	17.73	17.70	17.67	
10	256QAM	1	0	17.75	17.80	17.74	19.5
10	256QAM	1	25	17.54	17.49	17.51	
10	256QAM	1	49	17.81	17.74	17.74	
10	256QAM	25	0	17.76	17.72	17.64	19.5
10	256QAM	25	12	17.65	17.59	17.57	
10	256QAM	25	25	17.66	17.66	17.67	
10	256QAM	50	0	17.62	17.68	17.65	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.85	17.77	17.64	19.5
5	QPSK	1	12	17.52	17.52	17.47	
5	QPSK	1	24	17.63	17.62	17.56	
5	QPSK	12	0	17.74	17.70	17.67	19.5
5	QPSK	12	7	17.73	17.69	17.64	
5	QPSK	12	13	17.65	17.63	17.63	
5	QPSK	25	0	17.72	17.71	17.67	
5	16QAM	1	0	18.18	18.04	17.96	19.5
5	16QAM	1	12	17.97	17.96	17.90	
5	16QAM	1	24	17.97	17.94	17.86	
5	16QAM	12	0	17.78	17.73	17.66	19.5
5	16QAM	12	7	17.72	17.72	17.67	
5	16QAM	12	13	17.68	17.66	17.66	
5	16QAM	25	0	17.75	17.74	17.67	
5	64QAM	1	0	18.05	17.94	17.83	19.5
5	64QAM	1	12	17.93	17.91	17.83	
5	64QAM	1	24	17.82	17.79	17.75	
5	64QAM	12	0	17.79	17.73	17.66	19.5
5	64QAM	12	7	17.76	17.73	17.68	
5	64QAM	12	13	17.70	17.69	17.65	
5	64QAM	25	0	17.72	17.69	17.66	
5	256QAM	1	0	17.71	17.82	17.74	19.5
5	256QAM	1	12	17.55	17.51	17.49	
5	256QAM	1	24	17.81	17.77	17.76	
5	256QAM	12	0	17.77	17.74	17.62	19.5
5	256QAM	12	7	17.63	17.63	17.58	
5	256QAM	12	13	17.68	17.68	17.65	
5	256QAM	25	0	17.59	17.71	17.66	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.84	17.74	17.68	19.5
3	QPSK	1	8	17.53	17.51	17.47	
3	QPSK	1	14	17.65	17.63	17.54	
3	QPSK	8	0	17.71	17.71	17.68	19.5
3	QPSK	8	4	17.72	17.68	17.67	
3	QPSK	8	7	17.65	17.66	17.62	
3	QPSK	15	0	17.76	17.73	17.68	
3	16QAM	1	0	18.19	18.08	17.97	19.5
3	16QAM	1	8	18.00	17.97	17.91	
3	16QAM	1	14	17.98	17.93	17.89	
3	16QAM	8	0	17.75	17.71	17.68	19.5
3	16QAM	8	4	17.70	17.69	17.65	
3	16QAM	8	7	17.67	17.67	17.66	
3	16QAM	15	0	17.75	17.74	17.66	
3	64QAM	1	0	18.06	17.91	17.83	19.5
3	64QAM	1	8	17.93	17.91	17.79	
3	64QAM	1	14	17.82	17.81	17.75	
3	64QAM	8	0	17.79	17.77	17.70	19.5
3	64QAM	8	4	17.73	17.73	17.65	
3	64QAM	8	7	17.71	17.70	17.67	
3	64QAM	15	0	17.76	17.71	17.64	
3	256QAM	1	0	17.75	17.79	17.72	19.5
3	256QAM	1	8	17.54	17.51	17.49	
3	256QAM	1	14	17.81	17.73	17.76	
3	256QAM	8	0	17.75	17.72	17.60	19.5
3	256QAM	8	4	17.66	17.62	17.57	
3	256QAM	8	7	17.67	17.69	17.68	
3	256QAM	15	0	17.62	17.71	17.65	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.57	17.63	17.55	19.5
1.4	QPSK	1	3	17.60	17.55	17.54	
1.4	QPSK	1	5	17.56	17.53	17.52	
1.4	QPSK	3	0	17.54	17.55	17.45	
1.4	QPSK	3	1	17.40	17.42	17.34	
1.4	QPSK	3	3	17.53	17.50	17.47	
1.4	QPSK	6	0	17.48	17.49	17.43	19.5
1.4	16QAM	1	0	17.97	17.94	17.82	19.5
1.4	16QAM	1	3	17.72	17.66	17.56	
1.4	16QAM	1	5	17.93	17.91	17.78	
1.4	16QAM	3	0	17.57	17.55	17.48	
1.4	16QAM	3	1	17.64	17.61	17.53	
1.4	16QAM	3	3	17.54	17.52	17.44	
1.4	16QAM	6	0	17.62	17.60	17.54	19.5
1.4	64QAM	1	0	17.86	17.82	17.72	19.5
1.4	64QAM	1	3	17.64	17.58	17.49	
1.4	64QAM	1	5	17.83	17.78	17.70	
1.4	64QAM	3	0	17.64	17.62	17.55	
1.4	64QAM	3	1	17.74	17.69	17.60	
1.4	64QAM	3	3	17.70	17.67	17.61	
1.4	64QAM	6	0	17.55	17.52	17.44	19.5
1.4	256QAM	1	0	17.82	17.78	17.83	19.5
1.4	256QAM	1	3	17.60	17.66	17.52	
1.4	256QAM	1	5	17.74	17.62	17.65	
1.4	256QAM	3	0	17.55	17.67	17.55	
1.4	256QAM	3	1	17.60	17.64	17.56	
1.4	256QAM	3	3	17.65	17.67	17.57	
1.4	256QAM	6	0	17.52	17.51	17.45	19.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.51	23.46	23.38	24.7
20	QPSK	1	49	23.39	23.23	23.33	
20	QPSK	1	99	23.30	23.35	23.29	
20	QPSK	50	0	22.48	22.45	22.41	23.7
20	QPSK	50	24	22.42	22.42	22.37	
20	QPSK	50	50	22.38	22.37	22.35	
20	QPSK	100	0	22.42	22.42	22.37	
20	16QAM	1	0	22.79	22.74	22.59	23.7
20	16QAM	1	49	22.66	22.72	22.68	
20	16QAM	1	99	22.64	22.57	22.54	
20	16QAM	50	0	21.45	21.46	21.37	22.7
20	16QAM	50	24	21.39	21.41	21.36	
20	16QAM	50	50	21.35	21.36	21.34	
20	16QAM	100	0	21.42	21.41	21.38	
20	64QAM	1	0	21.73	21.63	21.51	22.7
20	64QAM	1	49	21.59	21.63	21.62	
20	64QAM	1	99	21.57	21.42	21.44	
20	64QAM	50	0	20.48	20.49	20.40	21.7
20	64QAM	50	24	20.42	20.45	20.41	
20	64QAM	50	50	20.37	20.39	20.37	
20	64QAM	100	0	20.41	20.44	20.38	
20	256QAM	1	0	18.53	18.62	18.46	19.7
20	256QAM	1	49	18.34	18.38	18.36	
20	256QAM	1	99	18.45	18.52	18.50	
20	256QAM	50	0	18.48	18.52	18.45	19.7
20	256QAM	50	24	18.48	18.52	18.49	
20	256QAM	50	50	18.41	18.45	18.38	
20	256QAM	100	0	18.43	18.48	18.42	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.41	23.42	23.33	24.7
15	QPSK	1	37	23.21	23.20	23.17	
15	QPSK	1	74	23.27	23.30	23.27	
15	QPSK	36	0	22.38	22.40	22.36	23.7
15	QPSK	36	20	22.34	22.35	22.32	
15	QPSK	36	39	22.32	22.31	22.30	
15	QPSK	75	0	22.35	22.36	22.33	
15	16QAM	1	0	22.74	22.71	22.62	23.7
15	16QAM	1	37	22.66	22.68	22.67	
15	16QAM	1	74	22.55	22.52	22.54	
15	16QAM	36	0	21.40	21.40	21.36	22.7
15	16QAM	36	20	21.33	21.36	21.34	
15	16QAM	36	39	21.31	21.32	21.31	
15	16QAM	75	0	21.36	21.37	21.35	
15	64QAM	1	0	21.67	21.61	21.52	22.7
15	64QAM	1	37	21.65	21.68	21.68	
15	64QAM	1	74	21.47	21.43	21.46	
15	64QAM	36	0	20.42	20.44	20.35	21.7
15	64QAM	36	20	20.35	20.41	20.33	
15	64QAM	36	39	20.32	20.37	20.31	
15	64QAM	75	0	20.33	20.37	20.30	
15	256QAM	1	0	18.45	18.56	18.42	19.7
15	256QAM	1	37	18.29	18.34	18.29	
15	256QAM	1	74	18.39	18.49	18.43	
15	256QAM	36	0	18.44	18.44	18.41	19.7
15	256QAM	36	20	18.45	18.48	18.41	

15	256QAM	36	39	18.34	18.37	18.34	
15	256QAM	75	0	18.35	18.41	18.37	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.36	23.33	23.28	24.7
10	QPSK	1	25	23.30	23.33	23.26	
10	QPSK	1	49	23.26	23.29	23.26	
10	QPSK	25	0	22.39	22.37	22.33	23.7
10	QPSK	25	12	22.37	22.35	22.31	
10	QPSK	25	25	22.36	22.34	22.30	
10	QPSK	50	0	22.38	22.35	22.32	
10	16QAM	1	0	22.50	22.56	22.54	23.7
10	16QAM	1	25	22.51	22.51	22.52	
10	16QAM	1	49	22.54	22.54	22.49	
10	16QAM	25	0	21.39	21.34	21.32	22.7
10	16QAM	25	12	21.37	21.31	21.30	
10	16QAM	25	25	21.36	21.30	21.27	
10	16QAM	50	0	21.37	21.30	21.28	
10	64QAM	1	0	21.46	21.44	21.40	22.7
10	64QAM	1	25	21.40	21.37	21.32	
10	64QAM	1	49	21.49	21.43	21.36	
10	64QAM	25	0	20.35	20.32	20.32	21.7
10	64QAM	25	12	20.34	20.30	20.30	
10	64QAM	25	25	20.33	20.29	20.28	
10	64QAM	50	0	20.36	20.32	20.33	
10	256QAM	1	0	18.48	18.59	18.42	19.7
10	256QAM	1	25	18.28	18.31	18.32	
10	256QAM	1	49	18.42	18.45	18.42	
10	256QAM	25	0	18.45	18.49	18.37	19.7
10	256QAM	25	12	18.43	18.49	18.46	
10	256QAM	25	25	18.34	18.41	18.33	
10	256QAM	50	0	18.35	18.42	18.35	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.26	23.44	23.41	24.7
5	QPSK	1	12	23.23	23.33	23.30	
5	QPSK	1	24	23.28	23.38	23.27	
5	QPSK	12	0	22.33	22.31	22.30	23.7
5	QPSK	12	7	22.34	22.29	22.29	
5	QPSK	12	13	22.35	22.31	22.31	
5	QPSK	25	0	22.38	22.34	22.32	
5	16QAM	1	0	22.56	22.63	22.64	23.7
5	16QAM	1	12	22.60	22.61	22.59	
5	16QAM	1	24	22.56	22.58	22.53	
5	16QAM	12	0	21.33	21.29	21.26	22.7
5	16QAM	12	7	21.37	21.31	21.30	
5	16QAM	12	13	21.33	21.27	21.24	
5	16QAM	25	0	21.33	21.27	21.25	
5	64QAM	1	0	21.55	21.52	21.53	22.7
5	64QAM	1	12	21.65	21.60	21.61	
5	64QAM	1	24	21.56	21.49	21.45	
5	64QAM	12	0	20.33	20.33	20.36	21.7
5	64QAM	12	7	20.34	20.33	20.34	
5	64QAM	12	13	20.34	20.31	20.33	
5	64QAM	25	0	20.30	20.29	20.27	
5	256QAM	1	0	18.50	18.57	18.41	19.7
5	256QAM	1	12	18.29	18.32	18.31	
5	256QAM	1	24	18.38	18.49	18.43	
5	256QAM	12	0	18.40	18.45	18.41	19.7
5	256QAM	12	7	18.45	18.44	18.44	
5	256QAM	12	13	18.36	18.37	18.33	
5	256QAM	25	0	18.37	18.43	18.34	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.38	23.40	23.29	24.7
3	QPSK	1	8	23.28	23.24	23.18	
3	QPSK	1	14	23.32	23.24	23.21	
3	QPSK	8	0	22.34	22.33	22.29	23.7
3	QPSK	8	4	22.26	22.24	22.21	
3	QPSK	8	7	22.33	22.30	22.27	
3	QPSK	15	0	22.44	22.43	22.35	
3	16QAM	1	0	22.57	22.60	22.58	23.7
3	16QAM	1	8	22.51	22.53	22.48	
3	16QAM	1	14	22.59	22.60	22.55	
3	16QAM	8	0	21.38	21.36	21.29	22.7
3	16QAM	8	4	21.35	21.31	21.26	
3	16QAM	8	7	21.34	21.31	21.24	
3	16QAM	15	0	21.40	21.37	21.31	
3	64QAM	1	0	21.53	21.51	21.47	22.7
3	64QAM	1	8	21.45	21.41	21.37	
3	64QAM	1	14	21.55	21.50	21.46	
3	64QAM	8	0	20.35	20.35	20.31	21.7
3	64QAM	8	4	20.31	20.29	20.28	
3	64QAM	8	7	20.37	20.36	20.32	
3	64QAM	15	0	20.31	20.29	20.24	
3	256QAM	1	0	18.46	18.58	18.43	19.7
3	256QAM	1	8	18.29	18.33	18.33	
3	256QAM	1	14	18.41	18.46	18.47	
3	256QAM	8	0	18.42	18.48	18.39	19.7
3	256QAM	8	4	18.44	18.45	18.46	
3	256QAM	8	7	18.36	18.37	18.33	
3	256QAM	15	0	18.37	18.41	18.38	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.24	23.29	23.26	24.7
1.4	QPSK	1	3	23.17	23.32	23.21	
1.4	QPSK	1	5	23.20	23.28	23.22	
1.4	QPSK	3	0	23.23	23.26	23.23	
1.4	QPSK	3	1	23.11	23.16	23.12	
1.4	QPSK	3	3	23.25	23.28	23.25	
1.4	QPSK	6	0	22.31	22.33	22.25	23.7
1.4	16QAM	1	0	22.49	22.57	22.49	23.7
1.4	16QAM	1	3	22.41	22.47	22.38	
1.4	16QAM	1	5	22.52	22.58	22.48	
1.4	16QAM	3	0	22.20	22.23	22.14	
1.4	16QAM	3	1	22.25	22.30	22.21	
1.4	16QAM	3	3	22.22	22.24	22.16	
1.4	16QAM	6	0	21.35	21.35	21.28	22.7
1.4	64QAM	1	0	21.48	21.45	21.39	22.7
1.4	64QAM	1	3	21.29	21.27	21.21	
1.4	64QAM	1	5	21.45	21.44	21.36	
1.4	64QAM	3	0	21.33	21.31	21.22	
1.4	64QAM	3	1	21.37	21.34	21.26	
1.4	64QAM	3	3	21.39	21.38	21.28	
1.4	64QAM	6	0	20.26	20.26	20.18	21.7
1.4	256QAM	1	0	18.48	18.43	18.44	19.7
1.4	256QAM	1	3	18.37	18.32	18.33	
1.4	256QAM	1	5	18.43	18.38	18.39	
1.4	256QAM	3	0	18.45	18.40	18.41	
1.4	256QAM	3	1	18.40	18.35	18.36	
1.4	256QAM	3	3	18.44	18.39	18.40	
1.4	256QAM	6	0	18.38	18.33	18.34	19.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.87	17.79	17.70	18.8
20	QPSK	1	49	17.56	17.56	17.51	
20	QPSK	1	99	17.67	17.68	17.60	
20	QPSK	50	0	17.77	17.73	17.70	18.8
20	QPSK	50	24	17.75	17.71	17.70	
20	QPSK	50	50	17.69	17.69	17.65	
20	QPSK	100	0	17.78	17.75	17.72	
20	16QAM	1	0	18.22	18.10	18.00	18.8
20	16QAM	1	49	18.02	18.02	17.94	
20	16QAM	1	99	18.02	17.99	17.92	
20	16QAM	50	0	17.80	17.76	17.71	18.8
20	16QAM	50	24	17.74	17.75	17.70	
20	16QAM	50	50	17.70	17.71	17.68	
20	16QAM	100	0	17.77	17.76	17.71	
20	64QAM	1	0	18.10	17.97	17.89	18.8
20	64QAM	1	49	17.95	17.93	17.85	
20	64QAM	1	99	17.87	17.84	17.79	
20	64QAM	50	0	17.85	17.79	17.72	18.8
20	64QAM	50	24	17.78	17.77	17.71	
20	64QAM	50	50	17.73	17.73	17.69	
20	64QAM	100	0	17.78	17.74	17.70	
20	256QAM	1	0	17.77	17.84	17.78	18.8
20	256QAM	1	49	17.58	17.54	17.55	
20	256QAM	1	99	17.84	17.79	17.78	
20	256QAM	50	0	17.80	17.76	17.66	18.8
20	256QAM	50	24	17.69	17.65	17.63	
20	256QAM	50	50	17.71	17.72	17.71	
20	256QAM	100	0	17.64	17.73	17.68	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	17.85	17.76	17.67	18.8
15	QPSK	1	37	17.54	17.51	17.49	
15	QPSK	1	74	17.65	17.62	17.57	
15	QPSK	36	0	17.74	17.70	17.65	18.8
15	QPSK	36	20	17.72	17.69	17.68	
15	QPSK	36	39	17.66	17.65	17.63	
15	QPSK	75	0	17.73	17.69	17.68	
15	16QAM	1	0	18.17	18.06	17.98	18.8
15	16QAM	1	37	17.98	17.99	17.88	
15	16QAM	1	74	17.98	17.96	17.89	
15	16QAM	36	0	17.76	17.71	17.68	18.8
15	16QAM	36	20	17.68	17.72	17.66	
15	16QAM	36	39	17.66	17.65	17.66	
15	16QAM	75	0	17.72	17.74	17.67	
15	64QAM	1	0	18.07	17.93	17.83	18.8
15	64QAM	1	37	17.90	17.91	17.79	
15	64QAM	1	74	17.85	17.79	17.77	
15	64QAM	36	0	17.80	17.75	17.69	18.8
15	64QAM	36	20	17.74	17.74	17.66	
15	64QAM	36	39	17.69	17.68	17.63	
15	64QAM	75	0	17.73	17.71	17.65	
15	256QAM	1	0	17.75	17.82	17.75	18.8
15	256QAM	1	37	17.55	17.49	17.52	
15	256QAM	1	74	17.82	17.75	17.73	
15	256QAM	36	0	17.77	17.71	17.62	18.8
15	256QAM	36	20	17.66	17.60	17.60	

15	256QAM	36	39	17.66	17.68	17.67	
15	256QAM	75	0	17.62	17.71	17.64	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	17.84	17.76	17.64	18.8
10	QPSK	1	25	17.50	17.54	17.47	
10	QPSK	1	49	17.65	17.63	17.58	
10	QPSK	25	0	17.75	17.70	17.67	18.8
10	QPSK	25	12	17.72	17.65	17.64	
10	QPSK	25	25	17.67	17.63	17.59	
10	QPSK	50	0	17.75	17.70	17.68	
10	16QAM	1	0	18.17	18.06	17.98	18.8
10	16QAM	1	25	17.99	17.99	17.91	
10	16QAM	1	49	17.96	17.95	17.87	
10	16QAM	25	0	17.78	17.70	17.65	18.8
10	16QAM	25	12	17.71	17.73	17.67	
10	16QAM	25	25	17.65	17.67	17.63	
10	16QAM	50	0	17.73	17.74	17.67	
10	64QAM	1	0	18.07	17.95	17.84	18.8
10	64QAM	1	25	17.89	17.89	17.81	
10	64QAM	1	49	17.84	17.79	17.77	
10	64QAM	25	0	17.82	17.77	17.66	18.8
10	64QAM	25	12	17.76	17.71	17.65	
10	64QAM	25	25	17.68	17.68	17.67	
10	64QAM	50	0	17.73	17.70	17.67	
10	256QAM	1	0	17.75	17.80	17.74	18.8
10	256QAM	1	25	17.54	17.49	17.51	
10	256QAM	1	49	17.81	17.74	17.74	
10	256QAM	25	0	17.76	17.72	17.64	18.8
10	256QAM	25	12	17.65	17.59	17.57	
10	256QAM	25	25	17.66	17.66	17.67	
10	256QAM	50	0	17.62	17.68	17.65	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	17.85	17.77	17.64	18.8
5	QPSK	1	12	17.52	17.52	17.47	
5	QPSK	1	24	17.63	17.62	17.56	
5	QPSK	12	0	17.74	17.70	17.67	18.8
5	QPSK	12	7	17.73	17.69	17.64	
5	QPSK	12	13	17.65	17.63	17.63	
5	QPSK	25	0	17.72	17.71	17.67	
5	16QAM	1	0	18.18	18.04	17.96	18.8
5	16QAM	1	12	17.97	17.96	17.90	
5	16QAM	1	24	17.97	17.94	17.86	
5	16QAM	12	0	17.78	17.73	17.66	18.8
5	16QAM	12	7	17.72	17.72	17.67	
5	16QAM	12	13	17.68	17.66	17.66	
5	16QAM	25	0	17.75	17.74	17.67	
5	64QAM	1	0	18.05	17.94	17.83	18.8
5	64QAM	1	12	17.93	17.91	17.83	
5	64QAM	1	24	17.82	17.79	17.75	
5	64QAM	12	0	17.79	17.73	17.66	18.8
5	64QAM	12	7	17.76	17.73	17.68	
5	64QAM	12	13	17.70	17.69	17.65	
5	64QAM	25	0	17.72	17.69	17.66	
5	256QAM	1	0	17.71	17.82	17.74	18.8
5	256QAM	1	12	17.55	17.51	17.49	
5	256QAM	1	24	17.81	17.77	17.76	
5	256QAM	12	0	17.77	17.74	17.62	18.8
5	256QAM	12	7	17.63	17.63	17.58	
5	256QAM	12	13	17.68	17.68	17.65	
5	256QAM	25	0	17.59	17.71	17.66	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	17.84	17.74	17.68	18.8
3	QPSK	1	8	17.53	17.51	17.47	
3	QPSK	1	14	17.65	17.63	17.54	
3	QPSK	8	0	17.71	17.71	17.68	18.8
3	QPSK	8	4	17.72	17.68	17.67	
3	QPSK	8	7	17.65	17.66	17.62	
3	QPSK	15	0	17.76	17.73	17.68	
3	16QAM	1	0	18.19	18.08	17.97	18.8
3	16QAM	1	8	18.00	17.97	17.91	
3	16QAM	1	14	17.98	17.93	17.89	
3	16QAM	8	0	17.75	17.71	17.68	18.8
3	16QAM	8	4	17.70	17.69	17.65	
3	16QAM	8	7	17.67	17.67	17.66	
3	16QAM	15	0	17.75	17.74	17.66	
3	64QAM	1	0	18.06	17.91	17.83	18.8
3	64QAM	1	8	17.93	17.91	17.79	
3	64QAM	1	14	17.82	17.81	17.75	
3	64QAM	8	0	17.79	17.77	17.70	18.8
3	64QAM	8	4	17.73	17.73	17.65	
3	64QAM	8	7	17.71	17.70	17.67	
3	64QAM	15	0	17.76	17.71	17.64	
3	256QAM	1	0	17.75	17.79	17.72	18.8
3	256QAM	1	8	17.54	17.51	17.49	
3	256QAM	1	14	17.81	17.73	17.76	
3	256QAM	8	0	17.75	17.72	17.60	18.8
3	256QAM	8	4	17.66	17.62	17.57	
3	256QAM	8	7	17.67	17.69	17.68	
3	256QAM	15	0	17.62	17.71	17.65	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.57	17.63	17.55	18.8
1.4	QPSK	1	3	17.60	17.55	17.54	
1.4	QPSK	1	5	17.56	17.53	17.52	
1.4	QPSK	3	0	17.54	17.55	17.45	
1.4	QPSK	3	1	17.40	17.42	17.34	
1.4	QPSK	3	3	17.53	17.50	17.47	
1.4	QPSK	6	0	17.48	17.49	17.43	18.8
1.4	16QAM	1	0	17.97	17.94	17.82	18.8
1.4	16QAM	1	3	17.72	17.66	17.56	
1.4	16QAM	1	5	17.93	17.91	17.78	
1.4	16QAM	3	0	17.57	17.55	17.48	
1.4	16QAM	3	1	17.64	17.61	17.53	
1.4	16QAM	3	3	17.54	17.52	17.44	
1.4	16QAM	6	0	17.62	17.60	17.54	18.8
1.4	64QAM	1	0	17.86	17.82	17.72	18.8
1.4	64QAM	1	3	17.64	17.58	17.49	
1.4	64QAM	1	5	17.83	17.78	17.70	
1.4	64QAM	3	0	17.64	17.62	17.55	
1.4	64QAM	3	1	17.74	17.69	17.60	
1.4	64QAM	3	3	17.70	17.67	17.61	
1.4	64QAM	6	0	17.55	17.52	17.44	18.8
1.4	256QAM	1	0	17.82	17.78	17.83	18.8
1.4	256QAM	1	3	17.60	17.66	17.52	
1.4	256QAM	1	5	17.74	17.62	17.65	
1.4	256QAM	3	0	17.55	17.67	17.55	
1.4	256QAM	3	1	17.60	17.64	17.56	
1.4	256QAM	3	3	17.65	17.67	17.57	
1.4	256QAM	6	0	17.52	17.51	17.45	18.8

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.54	16.53	16.53	17.9
20	QPSK	1	49	16.45	16.46	16.53	
20	QPSK	1	99	16.36	16.38	16.49	
20	QPSK	50	0	16.48	16.49	16.56	17.9
20	QPSK	50	24	16.48	16.45	16.56	
20	QPSK	50	50	16.43	16.46	16.54	
20	QPSK	100	0	16.47	16.48	16.59	
20	16QAM	1	0	16.95	16.79	16.86	17.9
20	16QAM	1	49	16.68	16.82	16.85	
20	16QAM	1	99	16.77	16.77	16.80	
20	16QAM	50	0	16.56	16.50	16.57	17.9
20	16QAM	50	24	16.48	16.44	16.62	
20	16QAM	50	50	16.49	16.44	16.57	
20	16QAM	100	0	16.50	16.53	16.64	
20	64QAM	1	0	16.75	16.67	16.69	17.9
20	64QAM	1	49	16.60	16.74	16.84	
20	64QAM	1	99	16.64	16.64	16.67	
20	64QAM	50	0	16.52	16.50	16.62	17.9
20	64QAM	50	24	16.53	16.48	16.58	
20	64QAM	50	50	16.51	16.53	16.56	
20	64QAM	100	0	16.45	16.53	16.56	
20	256QAM	1	0	16.81	16.74	16.70	17.9
20	256QAM	1	49	16.67	16.74	16.80	
20	256QAM	1	99	16.71	16.58	16.61	
20	256QAM	50	0	16.57	16.51	16.58	17.9
20	256QAM	50	24	16.53	16.57	16.62	
20	256QAM	50	50	16.51	16.45	16.56	
20	256QAM	100	0	16.47	16.55	16.62	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.49	16.51	16.54	17.9
15	QPSK	1	37	16.36	16.49	16.54	
15	QPSK	1	74	16.45	16.39	16.50	
15	QPSK	36	0	16.48	16.46	16.61	17.9
15	QPSK	36	20	16.47	16.49	16.51	
15	QPSK	36	39	16.47	16.50	16.53	
15	QPSK	75	0	16.47	16.48	16.57	
15	16QAM	1	0	16.88	16.77	16.82	17.9
15	16QAM	1	37	16.76	16.75	16.80	
15	16QAM	1	74	16.77	16.74	16.80	
15	16QAM	36	0	16.55	16.46	16.61	17.9
15	16QAM	36	20	16.48	16.47	16.61	
15	16QAM	36	39	16.49	16.52	16.52	
15	16QAM	75	0	16.50	16.57	16.55	
15	64QAM	1	0	16.78	16.69	16.75	17.9
15	64QAM	1	37	16.68	16.67	16.77	
15	64QAM	1	74	16.73	16.63	16.68	
15	64QAM	36	0	16.55	16.51	16.55	17.9
15	64QAM	36	20	16.52	16.50	16.60	
15	64QAM	36	39	16.52	16.49	16.54	
15	64QAM	75	0	16.46	16.54	16.59	
15	256QAM	1	0	16.83	16.68	16.68	17.9
15	256QAM	1	37	16.67	16.69	16.83	
15	256QAM	1	74	16.68	16.65	16.69	
15	256QAM	36	0	16.59	16.51	16.55	17.9
15	256QAM	36	20	16.49	16.48	16.62	

15	256QAM	36	39	16.47	16.45	16.58	
15	256QAM	75	0	16.43	16.58	16.53	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.57	16.51	16.55	17.9
10	QPSK	1	25	16.40	16.41	16.57	
10	QPSK	1	49	16.41	16.40	16.44	
10	QPSK	25	0	16.53	16.45	16.60	17.9
10	QPSK	25	12	16.49	16.47	16.57	
10	QPSK	25	25	16.43	16.46	16.53	
10	QPSK	50	0	16.51	16.54	16.54	
10	16QAM	1	0	16.94	16.78	16.84	17.9
10	16QAM	1	25	16.74	16.79	16.81	
10	16QAM	1	49	16.78	16.75	16.78	
10	16QAM	25	0	16.46	16.56	16.55	17.9
10	16QAM	25	12	16.43	16.53	16.60	
10	16QAM	25	25	16.46	16.51	16.50	
10	16QAM	50	0	16.44	16.52	16.55	
10	64QAM	1	0	16.82	16.70	16.77	17.9
10	64QAM	1	25	16.63	16.69	16.85	
10	64QAM	1	49	16.67	16.62	16.67	
10	64QAM	25	0	16.50	16.48	16.60	17.9
10	64QAM	25	12	16.43	16.48	16.56	
10	64QAM	25	25	16.45	16.50	16.54	
10	64QAM	50	0	16.46	16.51	16.57	
10	256QAM	1	0	16.74	16.74	16.74	17.9
10	256QAM	1	25	16.60	16.75	16.80	
10	256QAM	1	49	16.63	16.66	16.64	
10	256QAM	25	0	16.52	16.48	16.64	17.9
10	256QAM	25	12	16.43	16.55	16.61	
10	256QAM	25	25	16.48	16.49	16.49	
10	256QAM	50	0	16.50	16.53	16.57	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.52	16.44	16.58	17.9
5	QPSK	1	12	16.45	16.43	16.53	
5	QPSK	1	24	16.39	16.40	16.53	
5	QPSK	12	0	16.49	16.53	16.58	17.9
5	QPSK	12	7	16.45	16.45	16.58	
5	QPSK	12	13	16.47	16.48	16.57	
5	QPSK	25	0	16.47	16.53	16.56	
5	16QAM	1	0	16.93	16.82	16.85	17.9
5	16QAM	1	12	16.69	16.78	16.85	
5	16QAM	1	24	16.77	16.74	16.81	
5	16QAM	12	0	16.53	16.46	16.59	17.9
5	16QAM	12	7	16.51	16.50	16.58	
5	16QAM	12	13	16.40	16.52	16.56	
5	16QAM	25	0	16.44	16.56	16.57	
5	64QAM	1	0	16.81	16.69	16.70	17.9
5	64QAM	1	12	16.67	16.77	16.77	
5	64QAM	1	24	16.66	16.62	16.64	
5	64QAM	12	0	16.50	16.57	16.63	17.9
5	64QAM	12	7	16.53	16.50	16.55	
5	64QAM	12	13	16.44	16.52	16.59	
5	64QAM	25	0	16.45	16.55	16.63	
5	256QAM	1	0	16.83	16.67	16.72	17.9
5	256QAM	1	12	16.62	16.74	16.84	
5	256QAM	1	24	16.64	16.67	16.65	
5	256QAM	12	0	16.59	16.54	16.63	17.9
5	256QAM	12	7	16.48	16.50	16.63	
5	256QAM	12	13	16.48	16.48	16.50	
5	256QAM	25	0	16.42	16.54	16.58	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	16.51	16.47	16.54	17.9
3	QPSK	1	8	16.43	16.45	16.50	
3	QPSK	1	14	16.38	16.36	16.53	
3	QPSK	8	0	16.50	16.51	16.62	17.9
3	QPSK	8	4	16.43	16.50	16.51	
3	QPSK	8	7	16.48	16.48	16.53	
3	QPSK	15	0	16.45	16.45	16.60	
3	16QAM	1	0	16.95	16.76	16.86	17.9
3	16QAM	1	8	16.76	16.75	16.86	
3	16QAM	1	14	16.74	16.71	16.76	
3	16QAM	8	0	16.47	16.53	16.60	17.9
3	16QAM	8	4	16.51	16.48	16.62	
3	16QAM	8	7	16.46	16.44	16.56	
3	16QAM	15	0	16.51	16.51	16.56	
3	64QAM	1	0	16.79	16.74	16.69	17.9
3	64QAM	1	8	16.67	16.68	16.76	
3	64QAM	1	14	16.69	16.65	16.62	
3	64QAM	8	0	16.59	16.48	16.64	17.9
3	64QAM	8	4	16.52	16.52	16.57	
3	64QAM	8	7	16.48	16.51	16.52	
3	64QAM	15	0	16.51	16.48	16.58	
3	256QAM	1	0	16.80	16.71	16.69	17.9
3	256QAM	1	8	16.58	16.74	16.82	
3	256QAM	1	14	16.65	16.67	16.67	
3	256QAM	8	0	16.53	16.57	16.56	17.9
3	256QAM	8	4	16.53	16.50	16.62	
3	256QAM	8	7	16.49	16.55	16.56	
3	256QAM	15	0	16.46	16.57	16.56	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.56	16.49	16.60	17.9
1.4	QPSK	1	3	16.46	16.44	16.57	
1.4	QPSK	1	5	16.43	16.39	16.50	
1.4	QPSK	3	0	16.55	16.46	16.60	
1.4	QPSK	3	1	16.42	16.53	16.53	
1.4	QPSK	3	3	16.43	16.42	16.53	
1.4	QPSK	6	0	16.49	16.49	16.62	17.9
1.4	16QAM	1	0	16.92	16.85	16.81	17.9
1.4	16QAM	1	3	16.70	16.82	16.85	
1.4	16QAM	1	5	16.75	16.71	16.75	
1.4	16QAM	3	0	16.56	16.51	16.60	
1.4	16QAM	3	1	16.49	16.48	16.57	
1.4	16QAM	3	3	16.42	16.43	16.55	
1.4	16QAM	6	0	16.44	16.57	16.57	17.9
1.4	64QAM	1	0	16.75	16.67	16.71	17.9
1.4	64QAM	1	3	16.60	16.69	16.82	
1.4	64QAM	1	5	16.64	16.61	16.70	
1.4	64QAM	3	0	16.54	16.51	16.63	
1.4	64QAM	3	1	16.51	16.54	16.59	
1.4	64QAM	3	3	16.49	16.46	16.53	
1.4	64QAM	6	0	16.48	16.56	16.57	17.9
1.4	256QAM	1	0	16.81	16.64	16.76	17.9
1.4	256QAM	1	3	16.58	16.74	16.77	
1.4	256QAM	1	5	16.63	16.60	16.64	
1.4	256QAM	3	0	16.51	16.57	16.64	
1.4	256QAM	3	1	16.48	16.47	16.61	
1.4	256QAM	3	3	16.52	16.51	16.50	
1.4	256QAM	6	0	16.47	16.48	16.63	17.9

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.23	23.13	23.09	23.4
20	QPSK	1	49	22.93	23.07	22.84	
20	QPSK	1	99	22.98	23.00	22.94	
20	QPSK	50	0	22.19	22.13	22.09	23.4
20	QPSK	50	24	22.11	22.08	22.07	
20	QPSK	50	50	22.06	22.07	22.03	
20	QPSK	100	0	22.11	22.09	22.05	
20	16QAM	1	0	22.51	22.42	22.35	23.4
20	16QAM	1	49	22.35	22.39	22.31	
20	16QAM	1	99	22.30	22.30	22.20	
20	16QAM	50	0	21.15	21.10	21.04	22.5
20	16QAM	50	24	21.06	21.04	20.98	
20	16QAM	50	50	21.01	21.00	20.95	
20	16QAM	100	0	21.06	21.05	21.00	
20	64QAM	1	0	21.39	21.30	21.18	22.5
20	64QAM	1	49	21.25	21.28	21.21	
20	64QAM	1	99	21.13	21.16	21.09	
20	64QAM	50	0	20.15	20.10	20.03	21.5
20	64QAM	50	24	20.07	20.07	20.01	
20	64QAM	50	50	20.01	20.02	19.96	
20	64QAM	100	0	20.06	20.03	19.96	
20	256QAM	1	0	18.46	18.47	18.43	19.5
20	256QAM	1	49	18.21	18.22	18.18	
20	256QAM	1	99	18.34	18.35	18.31	
20	256QAM	50	0	18.33	18.34	18.30	19.5
20	256QAM	50	24	18.26	18.27	18.23	
20	256QAM	50	50	18.25	18.26	18.22	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.15	23.12	23.4
15	QPSK	1	37	22.83	22.96	22.93	
15	QPSK	1	74	22.92	23.05	22.95	
15	QPSK	36	0	22.08	22.11	22.08	23.4
15	QPSK	36	20	22.04	22.08	22.06	
15	QPSK	36	39	22.01	22.08	22.02	
15	QPSK	75	0	22.04	22.08	22.05	
15	16QAM	1	0	22.42	22.43	22.40	23.4
15	16QAM	1	37	22.32	22.38	22.35	
15	16QAM	1	74	22.22	22.33	22.22	
15	16QAM	36	0	21.07	21.10	21.04	22.5
15	16QAM	36	20	21.01	21.06	21.01	
15	16QAM	36	39	20.97	21.04	20.97	
15	16QAM	75	0	21.02	21.06	21.01	
15	64QAM	1	0	21.33	21.31	21.24	22.5
15	64QAM	1	37	21.33	21.38	21.33	
15	64QAM	1	74	21.10	21.20	21.09	
15	64QAM	36	0	20.09	20.12	20.04	21.5
15	64QAM	36	20	20.04	20.07	20.02	
15	64QAM	36	39	20.01	20.05	19.98	
15	64QAM	75	0	20.00	20.04	19.99	
15	256QAM	1	0	18.38	18.41	18.41	19.5
15	256QAM	1	37	18.18	18.13	18.18	
15	256QAM	1	74	18.28	18.28	18.27	
15	256QAM	36	0	18.31	18.33	18.25	19.5
15	256QAM	36	20	18.23	18.24	18.23	

15	256QAM	36	39	18.17	18.20	18.17	
15	256QAM	75	0	18.24	18.21	18.22	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.12	23.07	23.08	23.4
10	QPSK	1	25	22.98	23.01	23.03	
10	QPSK	1	49	22.93	23.03	22.98	
10	QPSK	25	0	22.04	22.10	22.10	23.4
10	QPSK	25	12	22.02	22.06	22.08	
10	QPSK	25	25	22.00	22.07	22.05	
10	QPSK	50	0	22.04	22.09	22.08	
10	16QAM	1	0	22.34	22.37	22.35	23.4
10	16QAM	1	25	22.29	22.36	22.29	
10	16QAM	1	49	22.21	22.34	22.24	
10	16QAM	25	0	21.06	21.10	21.09	22.5
10	16QAM	25	12	21.02	21.06	21.04	
10	16QAM	25	25	21.00	21.06	21.01	
10	16QAM	50	0	21.00	21.06	21.04	
10	64QAM	1	0	21.21	21.23	21.21	22.5
10	64QAM	1	25	21.09	21.16	21.15	
10	64QAM	1	49	21.11	21.16	21.09	
10	64QAM	25	0	20.04	20.07	20.05	21.5
10	64QAM	25	12	19.98	20.04	20.02	
10	64QAM	25	25	19.97	20.04	20.00	
10	64QAM	50	0	20.02	20.07	20.03	
10	256QAM	1	0	18.36	18.40	18.36	19.5
10	256QAM	1	25	18.11	18.21	18.10	
10	256QAM	1	49	18.29	18.26	18.28	
10	256QAM	25	0	18.33	18.25	18.21	19.5
10	256QAM	25	12	18.18	18.24	18.21	
10	256QAM	25	25	18.21	18.23	18.14	
10	256QAM	50	0	18.21	18.30	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.04	23.13	23.4
5	QPSK	1	12	23.02	22.95	23.00	
5	QPSK	1	24	22.96	23.00	22.97	
5	QPSK	12	0	22.09	22.06	22.04	23.4
5	QPSK	12	7	22.00	22.03	22.02	
5	QPSK	12	13	22.01	22.05	22.03	
5	QPSK	25	0	22.02	22.05	22.03	
5	16QAM	1	0	22.42	22.40	22.38	23.4
5	16QAM	1	12	22.42	22.43	22.37	
5	16QAM	1	24	22.33	22.36	22.28	
5	16QAM	12	0	21.05	21.06	21.04	22.5
5	16QAM	12	7	21.06	21.07	21.03	
5	16QAM	12	13	21.03	21.04	20.99	
5	16QAM	25	0	21.01	21.02	21.01	
5	64QAM	1	0	21.29	21.27	21.26	22.5
5	64QAM	1	12	21.36	21.39	21.34	
5	64QAM	1	24	21.19	21.22	21.16	
5	64QAM	12	0	20.10	20.12	20.07	21.5
5	64QAM	12	7	20.08	20.09	20.06	
5	64QAM	12	13	20.06	20.10	20.04	
5	64QAM	25	0	20.02	20.01	20.00	
5	256QAM	1	0	18.45	18.39	18.37	19.5
5	256QAM	1	12	18.21	18.17	18.17	
5	256QAM	1	24	18.24	18.27	18.30	
5	256QAM	12	0	18.30	18.28	18.30	19.5
5	256QAM	12	7	18.18	18.21	18.18	
5	256QAM	12	13	18.23	18.18	18.13	
5	256QAM	25	0	18.30	18.29	18.24	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.19	23.11	22.95	23.4
3	QPSK	1	8	23.07	23.01	22.89	
3	QPSK	1	14	23.04	23.13	22.92	
3	QPSK	8	0	22.04	22.05	22.01	23.4
3	QPSK	8	4	21.95	21.94	21.91	
3	QPSK	8	7	22.02	22.02	21.98	
3	QPSK	15	0	22.05	22.04	22.05	
3	16QAM	1	0	22.38	22.38	22.36	23.4
3	16QAM	1	8	22.32	22.31	22.23	
3	16QAM	1	14	22.40	22.40	22.31	
3	16QAM	8	0	21.12	21.10	21.05	22.5
3	16QAM	8	4	21.06	21.04	21.01	
3	16QAM	8	7	21.05	21.06	20.99	
3	16QAM	15	0	21.09	21.05	21.03	
3	64QAM	1	0	21.31	21.25	21.23	22.5
3	64QAM	1	8	21.19	21.18	21.14	
3	64QAM	1	14	21.27	21.27	21.20	
3	64QAM	8	0	20.07	20.06	20.03	21.5
3	64QAM	8	4	20.02	20.01	19.97	
3	64QAM	8	7	20.09	20.07	20.02	
3	64QAM	15	0	20.00	19.97	19.94	
3	256QAM	1	0	18.46	18.43	18.33	19.5
3	256QAM	1	8	18.15	18.16	18.15	
3	256QAM	1	14	18.26	18.35	18.30	
3	256QAM	8	0	18.26	18.25	18.21	19.5
3	256QAM	8	4	18.18	18.22	18.17	
3	256QAM	8	7	18.19	18.23	18.14	
3	256QAM	15	0	18.28	18.22	18.17	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.10	22.99	23.4
1.4	QPSK	1	3	22.96	22.99	22.89	
1.4	QPSK	1	5	23.03	23.04	22.98	
1.4	QPSK	3	0	23.03	23.02	23.01	
1.4	QPSK	3	1	22.91	22.91	22.90	
1.4	QPSK	3	3	23.05	23.04	22.99	
1.4	QPSK	6	0	22.02	22.02	22.00	23.4
1.4	16QAM	1	0	22.40	22.40	22.34	23.4
1.4	16QAM	1	3	22.34	22.36	22.22	
1.4	16QAM	1	5	22.40	22.40	22.31	
1.4	16QAM	3	0	22.01	22.02	21.95	
1.4	16QAM	3	1	22.06	22.06	21.99	
1.4	16QAM	3	3	22.04	22.01	21.97	
1.4	16QAM	6	0	21.09	21.09	21.07	22.5
1.4	64QAM	1	0	22.20	21.27	21.23	22.5
1.4	64QAM	1	3	22.23	21.09	21.02	
1.4	64QAM	1	5	22.18	21.25	21.19	
1.4	64QAM	3	0	22.07	21.08	21.05	
1.4	64QAM	3	1	21.97	21.12	21.06	
1.4	64QAM	3	3	22.07	21.15	21.10	
1.4	64QAM	6	0	21.03	20.01	19.98	21.5
1.4	256QAM	1	0	18.42	18.41	18.43	19.5
1.4	256QAM	1	3	18.27	18.26	18.28	
1.4	256QAM	1	5	18.42	18.41	18.43	
1.4	256QAM	3	0	18.33	18.32	18.34	
1.4	256QAM	3	1	18.25	18.24	18.26	
1.4	256QAM	3	3	18.33	18.32	18.34	
1.4	256QAM	6	0	18.24	18.23	18.25	19.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.70	18.75	18.66	20.4
20	QPSK	1	49	18.59	18.66	18.62	
20	QPSK	1	99	18.61	18.61	18.62	
20	QPSK	50	0	18.67	18.70	18.69	20.4
20	QPSK	50	24	18.65	18.67	18.66	
20	QPSK	50	50	18.63	18.67	18.67	
20	QPSK	100	0	18.68	18.70	18.69	
20	16QAM	1	0	19.04	19.06	18.92	20.4
20	16QAM	1	49	18.89	18.99	18.96	
20	16QAM	1	99	18.97	18.91	18.98	
20	16QAM	50	0	18.69	18.72	18.67	20.4
20	16QAM	50	24	18.64	18.69	18.68	
20	16QAM	50	50	18.64	18.67	18.70	
20	16QAM	100	0	18.68	18.70	18.70	
20	64QAM	1	0	18.96	18.89	18.80	20.4
20	64QAM	1	49	18.81	18.91	18.88	
20	64QAM	1	99	18.90	18.79	18.82	
20	64QAM	50	0	18.72	18.74	18.69	20.4
20	64QAM	50	24	18.69	18.74	18.72	
20	64QAM	50	50	18.67	18.68	18.70	
20	64QAM	100	0	18.68	18.71	18.68	
20	256QAM	1	0	18.44	18.54	18.34	19.7
20	256QAM	1	49	18.26	18.33	18.25	
20	256QAM	1	99	18.31	18.43	18.33	
20	256QAM	50	0	18.35	18.40	18.34	19.7
20	256QAM	50	24	18.40	18.43	18.31	
20	256QAM	50	50	18.28	18.29	18.25	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.68	18.73	18.58	20.4
15	QPSK	1	37	18.57	18.61	18.52	
15	QPSK	1	74	18.57	18.60	18.52	
15	QPSK	36	0	18.65	18.62	18.65	20.4
15	QPSK	36	20	18.61	18.62	18.62	
15	QPSK	36	39	18.58	18.59	18.66	
15	QPSK	75	0	18.67	18.69	18.61	
15	16QAM	1	0	18.95	18.99	18.82	20.4
15	16QAM	1	37	18.88	18.92	18.89	
15	16QAM	1	74	18.94	18.88	18.88	
15	16QAM	36	0	18.64	18.68	18.63	20.4
15	16QAM	36	20	18.57	18.61	18.67	
15	16QAM	36	39	18.56	18.62	18.60	
15	16QAM	75	0	18.64	18.66	18.65	
15	64QAM	1	0	18.87	18.84	18.79	20.4
15	64QAM	1	37	18.80	18.88	18.86	
15	64QAM	1	74	18.88	18.78	18.81	
15	64QAM	36	0	18.70	18.64	18.63	20.4
15	64QAM	36	20	18.68	18.67	18.71	
15	64QAM	36	39	18.63	18.62	18.64	
15	64QAM	75	0	18.61	18.66	18.61	
15	256QAM	1	0	18.36	18.44	18.29	19.7
15	256QAM	1	37	18.17	18.23	18.24	
15	256QAM	1	74	18.21	18.41	18.24	
15	256QAM	36	0	18.26	18.39	18.30	19.7
15	256QAM	36	20	18.37	18.41	18.28	

15	256QAM	36	39	18.19	18.28	18.20	
15	256QAM	75	0	18.25	18.28	18.25	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.60	18.65	18.56	20.4
10	QPSK	1	25	18.58	18.58	18.58	
10	QPSK	1	49	18.60	18.53	18.57	
10	QPSK	25	0	18.64	18.66	18.62	20.4
10	QPSK	25	12	18.64	18.66	18.57	
10	QPSK	25	25	18.60	18.57	18.64	
10	QPSK	50	0	18.62	18.67	18.64	
10	16QAM	1	0	19.03	19.05	18.91	20.4
10	16QAM	1	25	18.86	18.90	18.95	
10	16QAM	1	49	18.92	18.88	18.96	
10	16QAM	25	0	18.68	18.64	18.57	20.4
10	16QAM	25	12	18.56	18.68	18.59	
10	16QAM	25	25	18.59	18.64	18.69	
10	16QAM	50	0	18.64	18.64	18.63	
10	64QAM	1	0	18.94	18.85	18.74	20.4
10	64QAM	1	25	18.78	18.85	18.80	
10	64QAM	1	49	18.81	18.71	18.80	
10	64QAM	25	0	18.67	18.71	18.64	20.4
10	64QAM	25	12	18.61	18.71	18.66	
10	64QAM	25	25	18.61	18.60	18.65	
10	64QAM	50	0	18.58	18.63	18.66	
10	256QAM	1	0	18.36	18.53	18.24	19.7
10	256QAM	1	25	18.22	18.29	18.24	
10	256QAM	1	49	18.27	18.39	18.31	
10	256QAM	25	0	18.29	18.31	18.29	19.7
10	256QAM	25	12	18.31	18.41	18.22	
10	256QAM	25	25	18.27	18.27	18.23	
10	256QAM	50	0	18.22	18.23	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.60	18.66	18.59	20.4
5	QPSK	1	12	18.56	18.59	18.58	
5	QPSK	1	24	18.59	18.53	18.61	
5	QPSK	12	0	18.66	18.60	18.59	20.4
5	QPSK	12	7	18.59	18.61	18.65	
5	QPSK	12	13	18.56	18.63	18.66	
5	QPSK	25	0	18.59	18.64	18.63	
5	16QAM	1	0	18.95	19.04	18.84	20.4
5	16QAM	1	12	18.86	18.90	18.87	
5	16QAM	1	24	18.88	18.89	18.95	
5	16QAM	12	0	18.61	18.65	18.64	20.4
5	16QAM	12	7	18.62	18.66	18.63	
5	16QAM	12	13	18.59	18.63	18.68	
5	16QAM	25	0	18.58	18.68	18.66	
5	64QAM	1	0	18.91	18.86	18.79	20.4
5	64QAM	1	12	18.74	18.82	18.81	
5	64QAM	1	24	18.87	18.70	18.79	
5	64QAM	12	0	18.65	18.65	18.64	20.4
5	64QAM	12	7	18.67	18.64	18.69	
5	64QAM	12	13	18.66	18.62	18.61	
5	64QAM	25	0	18.63	18.62	18.66	
5	256QAM	1	0	18.41	18.49	18.30	19.7
5	256QAM	1	12	18.23	18.31	18.22	
5	256QAM	1	24	18.25	18.39	18.24	
5	256QAM	12	0	18.26	18.35	18.25	19.7
5	256QAM	12	7	18.34	18.35	18.29	
5	256QAM	12	13	18.25	18.25	18.19	
5	256QAM	25	0	18.29	18.23	18.21	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.60	18.74	18.56	20.4
3	QPSK	1	8	18.58	18.63	18.53	
3	QPSK	1	14	18.58	18.55	18.56	
3	QPSK	8	0	18.57	18.67	18.68	20.4
3	QPSK	8	4	18.62	18.66	18.63	
3	QPSK	8	7	18.55	18.60	18.60	
3	QPSK	15	0	18.61	18.61	18.61	
3	16QAM	1	0	18.97	18.97	18.88	20.4
3	16QAM	1	8	18.87	18.95	18.89	
3	16QAM	1	14	18.92	18.85	18.91	
3	16QAM	8	0	18.62	18.66	18.62	20.4
3	16QAM	8	4	18.63	18.67	18.62	
3	16QAM	8	7	18.56	18.59	18.67	
3	16QAM	15	0	18.60	18.65	18.68	
3	64QAM	1	0	18.92	18.87	18.76	20.4
3	64QAM	1	8	18.71	18.87	18.86	
3	64QAM	1	14	18.83	18.70	18.75	
3	64QAM	8	0	18.71	18.72	18.66	20.4
3	64QAM	8	4	18.64	18.72	18.67	
3	64QAM	8	7	18.61	18.67	18.61	
3	64QAM	15	0	18.66	18.69	18.59	
3	256QAM	1	0	18.40	18.45	18.26	19.7
3	256QAM	1	8	18.22	18.25	18.16	
3	256QAM	1	14	18.30	18.35	18.24	
3	256QAM	8	0	18.28	18.32	18.25	19.7
3	256QAM	8	4	18.37	18.42	18.24	
3	256QAM	8	7	18.23	18.24	18.21	
3	256QAM	15	0	18.29	18.30	18.26	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.60	18.61	18.75	20.4
1.4	QPSK	1	3	18.58	18.52	18.70	
1.4	QPSK	1	5	18.59	18.57	18.66	
1.4	QPSK	3	0	18.57	18.53	18.66	
1.4	QPSK	3	1	18.55	18.58	18.56	
1.4	QPSK	3	3	18.59	18.55	18.69	
1.4	QPSK	6	0	18.63	18.55	18.69	20.4
1.4	16QAM	1	0	18.92	18.92	18.98	20.4
1.4	16QAM	1	3	18.79	18.78	18.88	
1.4	16QAM	1	5	18.93	18.94	19.01	
1.4	16QAM	3	0	18.54	18.54	18.65	
1.4	16QAM	3	1	18.61	18.60	18.71	
1.4	16QAM	3	3	18.57	18.56	18.66	
1.4	16QAM	6	0	18.68	18.64	18.76	20.4
1.4	64QAM	1	0	18.82	18.79	18.91	20.4
1.4	64QAM	1	3	18.62	18.63	18.69	
1.4	64QAM	1	5	18.81	18.79	18.87	
1.4	64QAM	3	0	18.63	18.62	18.74	
1.4	64QAM	3	1	18.69	18.66	18.79	
1.4	64QAM	3	3	18.69	18.71	18.79	
1.4	64QAM	6	0	18.60	18.56	18.68	20.4
1.4	256QAM	1	0	18.41	18.42	18.37	19.7
1.4	256QAM	1	3	18.27	18.30	18.25	
1.4	256QAM	1	5	18.38	18.35	18.35	
1.4	256QAM	3	0	18.35	18.36	18.33	
1.4	256QAM	3	1	18.30	18.27	18.32	
1.4	256QAM	3	3	18.37	18.35	18.37	
1.4	256QAM	6	0	18.32	18.23	18.24	19.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.23	23.13	23.09	24.5
20	QPSK	1	49	22.93	23.07	22.84	
20	QPSK	1	99	22.98	23.00	22.94	
20	QPSK	50	0	22.19	22.13	22.09	23.5
20	QPSK	50	24	22.11	22.08	22.07	
20	QPSK	50	50	22.06	22.07	22.03	
20	QPSK	100	0	22.11	22.09	22.05	
20	16QAM	1	0	22.51	22.42	22.35	23.5
20	16QAM	1	49	22.35	22.39	22.31	
20	16QAM	1	99	22.30	22.30	22.20	
20	16QAM	50	0	21.15	21.10	21.04	22.5
20	16QAM	50	24	21.06	21.04	20.98	
20	16QAM	50	50	21.01	21.00	20.95	
20	16QAM	100	0	21.06	21.05	21.00	
20	64QAM	1	0	21.39	21.30	21.18	22.5
20	64QAM	1	49	21.25	21.28	21.21	
20	64QAM	1	99	21.13	21.16	21.09	
20	64QAM	50	0	20.15	20.10	20.03	21.5
20	64QAM	50	24	20.07	20.07	20.01	
20	64QAM	50	50	20.01	20.02	19.96	
20	64QAM	100	0	20.06	20.03	19.96	
20	256QAM	1	0	18.46	18.47	18.43	19.5
20	256QAM	1	49	18.21	18.22	18.18	
20	256QAM	1	99	18.34	18.35	18.31	
20	256QAM	50	0	18.33	18.34	18.30	19.5
20	256QAM	50	24	18.26	18.27	18.23	
20	256QAM	50	50	18.25	18.26	18.22	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.15	23.12	24.5
15	QPSK	1	37	22.83	22.96	22.93	
15	QPSK	1	74	22.92	23.05	22.95	
15	QPSK	36	0	22.08	22.11	22.08	23.5
15	QPSK	36	20	22.04	22.08	22.06	
15	QPSK	36	39	22.01	22.08	22.02	
15	QPSK	75	0	22.04	22.08	22.05	
15	16QAM	1	0	22.42	22.43	22.40	23.5
15	16QAM	1	37	22.32	22.38	22.35	
15	16QAM	1	74	22.22	22.33	22.22	
15	16QAM	36	0	21.07	21.10	21.04	22.5
15	16QAM	36	20	21.01	21.06	21.01	
15	16QAM	36	39	20.97	21.04	20.97	
15	16QAM	75	0	21.02	21.06	21.01	
15	64QAM	1	0	21.33	21.31	21.24	22.5
15	64QAM	1	37	21.33	21.38	21.33	
15	64QAM	1	74	21.10	21.20	21.09	
15	64QAM	36	0	20.09	20.12	20.04	21.5
15	64QAM	36	20	20.04	20.07	20.02	
15	64QAM	36	39	20.01	20.05	19.98	
15	64QAM	75	0	20.00	20.04	19.99	
15	256QAM	1	0	18.38	18.41	18.41	19.5
15	256QAM	1	37	18.18	18.13	18.18	
15	256QAM	1	74	18.28	18.28	18.27	
15	256QAM	36	0	18.31	18.33	18.25	19.5
15	256QAM	36	20	18.23	18.24	18.23	

15	256QAM	36	39	18.17	18.20	18.17	
15	256QAM	75	0	18.24	18.21	18.22	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.12	23.07	23.08	24.5
10	QPSK	1	25	22.98	23.01	23.03	
10	QPSK	1	49	22.93	23.03	22.98	
10	QPSK	25	0	22.04	22.10	22.10	23.5
10	QPSK	25	12	22.02	22.06	22.08	
10	QPSK	25	25	22.00	22.07	22.05	
10	QPSK	50	0	22.04	22.09	22.08	
10	16QAM	1	0	22.34	22.37	22.35	23.5
10	16QAM	1	25	22.29	22.36	22.29	
10	16QAM	1	49	22.21	22.34	22.24	
10	16QAM	25	0	21.06	21.10	21.09	22.5
10	16QAM	25	12	21.02	21.06	21.04	
10	16QAM	25	25	21.00	21.06	21.01	
10	16QAM	50	0	21.00	21.06	21.04	
10	64QAM	1	0	21.21	21.23	21.21	22.5
10	64QAM	1	25	21.09	21.16	21.15	
10	64QAM	1	49	21.11	21.16	21.09	
10	64QAM	25	0	20.04	20.07	20.05	21.5
10	64QAM	25	12	19.98	20.04	20.02	
10	64QAM	25	25	19.97	20.04	20.00	
10	64QAM	50	0	20.02	20.07	20.03	
10	256QAM	1	0	18.36	18.40	18.36	19.5
10	256QAM	1	25	18.11	18.21	18.10	
10	256QAM	1	49	18.29	18.26	18.28	
10	256QAM	25	0	18.33	18.25	18.21	19.5
10	256QAM	25	12	18.18	18.24	18.21	
10	256QAM	25	25	18.21	18.23	18.14	
10	256QAM	50	0	18.21	18.30	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.04	23.13	24.5
5	QPSK	1	12	23.02	22.95	23.00	
5	QPSK	1	24	22.96	23.00	22.97	
5	QPSK	12	0	22.09	22.06	22.04	23.5
5	QPSK	12	7	22.00	22.03	22.02	
5	QPSK	12	13	22.01	22.05	22.03	
5	QPSK	25	0	22.02	22.05	22.03	
5	16QAM	1	0	22.42	22.40	22.38	23.5
5	16QAM	1	12	22.42	22.43	22.37	
5	16QAM	1	24	22.33	22.36	22.28	
5	16QAM	12	0	21.05	21.06	21.04	22.5
5	16QAM	12	7	21.06	21.07	21.03	
5	16QAM	12	13	21.03	21.04	20.99	
5	16QAM	25	0	21.01	21.02	21.01	
5	64QAM	1	0	21.29	21.27	21.26	22.5
5	64QAM	1	12	21.36	21.39	21.34	
5	64QAM	1	24	21.19	21.22	21.16	
5	64QAM	12	0	20.10	20.12	20.07	21.5
5	64QAM	12	7	20.08	20.09	20.06	
5	64QAM	12	13	20.06	20.10	20.04	
5	64QAM	25	0	20.02	20.01	20.00	
5	256QAM	1	0	18.45	18.39	18.37	19.5
5	256QAM	1	12	18.21	18.17	18.17	
5	256QAM	1	24	18.24	18.27	18.30	
5	256QAM	12	0	18.30	18.28	18.30	19.5
5	256QAM	12	7	18.18	18.21	18.18	
5	256QAM	12	13	18.23	18.18	18.13	
5	256QAM	25	0	18.30	18.29	18.24	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.19	23.11	22.95	24.5
3	QPSK	1	8	23.07	23.01	22.89	
3	QPSK	1	14	23.04	23.13	22.92	
3	QPSK	8	0	22.04	22.05	22.01	23.5
3	QPSK	8	4	21.95	21.94	21.91	
3	QPSK	8	7	22.02	22.02	21.98	
3	QPSK	15	0	22.05	22.04	22.05	
3	16QAM	1	0	22.38	22.38	22.36	23.5
3	16QAM	1	8	22.32	22.31	22.23	
3	16QAM	1	14	22.40	22.40	22.31	
3	16QAM	8	0	21.12	21.10	21.05	22.5
3	16QAM	8	4	21.06	21.04	21.01	
3	16QAM	8	7	21.05	21.06	20.99	
3	16QAM	15	0	21.09	21.05	21.03	
3	64QAM	1	0	21.31	21.25	21.23	22.5
3	64QAM	1	8	21.19	21.18	21.14	
3	64QAM	1	14	21.27	21.27	21.20	
3	64QAM	8	0	20.07	20.06	20.03	21.5
3	64QAM	8	4	20.02	20.01	19.97	
3	64QAM	8	7	20.09	20.07	20.02	
3	64QAM	15	0	20.00	19.97	19.94	
3	256QAM	1	0	18.46	18.43	18.33	19.5
3	256QAM	1	8	18.15	18.16	18.15	
3	256QAM	1	14	18.26	18.35	18.30	
3	256QAM	8	0	18.26	18.25	18.21	19.5
3	256QAM	8	4	18.18	18.22	18.17	
3	256QAM	8	7	18.19	18.23	18.14	
3	256QAM	15	0	18.28	18.22	18.17	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.10	22.99	24.5
1.4	QPSK	1	3	22.96	22.99	22.89	
1.4	QPSK	1	5	23.03	23.04	22.98	
1.4	QPSK	3	0	23.03	23.02	23.01	
1.4	QPSK	3	1	22.91	22.91	22.90	
1.4	QPSK	3	3	23.05	23.04	22.99	
1.4	QPSK	6	0	22.02	22.02	22.00	23.5
1.4	16QAM	1	0	22.40	22.40	22.34	23.5
1.4	16QAM	1	3	22.34	22.36	22.22	
1.4	16QAM	1	5	22.40	22.40	22.31	
1.4	16QAM	3	0	22.01	22.02	21.95	
1.4	16QAM	3	1	22.06	22.06	21.99	
1.4	16QAM	3	3	22.04	22.01	21.97	
1.4	16QAM	6	0	21.09	21.09	21.07	22.5
1.4	64QAM	1	0	22.20	21.27	21.23	22.5
1.4	64QAM	1	3	22.23	21.09	21.02	
1.4	64QAM	1	5	22.18	21.25	21.19	
1.4	64QAM	3	0	22.07	21.08	21.05	
1.4	64QAM	3	1	21.97	21.12	21.06	
1.4	64QAM	3	3	22.07	21.15	21.10	
1.4	64QAM	6	0	21.03	20.01	19.98	21.5
1.4	256QAM	1	0	18.42	18.41	18.43	19.5
1.4	256QAM	1	3	18.27	18.26	18.28	
1.4	256QAM	1	5	18.42	18.41	18.43	
1.4	256QAM	3	0	18.33	18.32	18.34	
1.4	256QAM	3	1	18.25	18.24	18.26	
1.4	256QAM	3	3	18.33	18.32	18.34	
1.4	256QAM	6	0	18.24	18.23	18.25	19.5

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.70	18.75	18.66	19.7
20	QPSK	1	49	18.59	18.66	18.62	
20	QPSK	1	99	18.61	18.61	18.62	
20	QPSK	50	0	18.67	18.70	18.69	19.7
20	QPSK	50	24	18.65	18.67	18.66	
20	QPSK	50	50	18.63	18.67	18.67	
20	QPSK	100	0	18.68	18.70	18.69	
20	16QAM	1	0	19.04	19.06	18.92	19.7
20	16QAM	1	49	18.89	18.99	18.96	
20	16QAM	1	99	18.97	18.91	18.98	
20	16QAM	50	0	18.69	18.72	18.67	19.7
20	16QAM	50	24	18.64	18.69	18.68	
20	16QAM	50	50	18.64	18.67	18.70	
20	16QAM	100	0	18.68	18.70	18.70	
20	64QAM	1	0	18.96	18.89	18.80	19.7
20	64QAM	1	49	18.81	18.91	18.88	
20	64QAM	1	99	18.90	18.79	18.82	
20	64QAM	50	0	18.72	18.74	18.69	19.7
20	64QAM	50	24	18.69	18.74	18.72	
20	64QAM	50	50	18.67	18.68	18.70	
20	64QAM	100	0	18.68	18.71	18.68	
20	256QAM	1	0	18.44	18.54	18.34	19.7
20	256QAM	1	49	18.26	18.33	18.25	
20	256QAM	1	99	18.31	18.43	18.33	
20	256QAM	50	0	18.35	18.40	18.34	19.7
20	256QAM	50	24	18.40	18.43	18.31	
20	256QAM	50	50	18.28	18.29	18.25	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.68	18.73	18.58	19.7
15	QPSK	1	37	18.57	18.61	18.52	
15	QPSK	1	74	18.57	18.60	18.52	
15	QPSK	36	0	18.65	18.62	18.65	19.7
15	QPSK	36	20	18.61	18.62	18.62	
15	QPSK	36	39	18.58	18.59	18.66	
15	QPSK	75	0	18.67	18.69	18.61	
15	16QAM	1	0	18.95	18.99	18.82	19.7
15	16QAM	1	37	18.88	18.92	18.89	
15	16QAM	1	74	18.94	18.88	18.88	
15	16QAM	36	0	18.64	18.68	18.63	19.7
15	16QAM	36	20	18.57	18.61	18.67	
15	16QAM	36	39	18.56	18.62	18.60	
15	16QAM	75	0	18.64	18.66	18.65	
15	64QAM	1	0	18.87	18.84	18.79	19.7
15	64QAM	1	37	18.80	18.88	18.86	
15	64QAM	1	74	18.88	18.78	18.81	
15	64QAM	36	0	18.70	18.64	18.63	19.7
15	64QAM	36	20	18.68	18.67	18.71	
15	64QAM	36	39	18.63	18.62	18.64	
15	64QAM	75	0	18.61	18.66	18.61	
15	256QAM	1	0	18.36	18.44	18.29	19.7
15	256QAM	1	37	18.17	18.23	18.24	
15	256QAM	1	74	18.21	18.41	18.24	
15	256QAM	36	0	18.26	18.39	18.30	19.7
15	256QAM	36	20	18.37	18.41	18.28	

15	256QAM	36	39	18.19	18.28	18.20	
15	256QAM	75	0	18.25	18.28	18.25	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.60	18.65	18.56	19.7
10	QPSK	1	25	18.58	18.58	18.58	
10	QPSK	1	49	18.60	18.53	18.57	
10	QPSK	25	0	18.64	18.66	18.62	19.7
10	QPSK	25	12	18.64	18.66	18.57	
10	QPSK	25	25	18.60	18.57	18.64	
10	QPSK	50	0	18.62	18.67	18.64	
10	16QAM	1	0	19.03	19.05	18.91	19.7
10	16QAM	1	25	18.86	18.90	18.95	
10	16QAM	1	49	18.92	18.88	18.96	
10	16QAM	25	0	18.68	18.64	18.57	19.7
10	16QAM	25	12	18.56	18.68	18.59	
10	16QAM	25	25	18.59	18.64	18.69	
10	16QAM	50	0	18.64	18.64	18.63	
10	64QAM	1	0	18.94	18.85	18.74	19.7
10	64QAM	1	25	18.78	18.85	18.80	
10	64QAM	1	49	18.81	18.71	18.80	
10	64QAM	25	0	18.67	18.71	18.64	19.7
10	64QAM	25	12	18.61	18.71	18.66	
10	64QAM	25	25	18.61	18.60	18.65	
10	64QAM	50	0	18.58	18.63	18.66	
10	256QAM	1	0	18.36	18.53	18.24	19.7
10	256QAM	1	25	18.22	18.29	18.24	
10	256QAM	1	49	18.27	18.39	18.31	
10	256QAM	25	0	18.29	18.31	18.29	19.7
10	256QAM	25	12	18.31	18.41	18.22	
10	256QAM	25	25	18.27	18.27	18.23	
10	256QAM	50	0	18.22	18.23	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.60	18.66	18.59	19.7
5	QPSK	1	12	18.56	18.59	18.58	
5	QPSK	1	24	18.59	18.53	18.61	
5	QPSK	12	0	18.66	18.60	18.59	19.7
5	QPSK	12	7	18.59	18.61	18.65	
5	QPSK	12	13	18.56	18.63	18.66	
5	QPSK	25	0	18.59	18.64	18.63	
5	16QAM	1	0	18.95	19.04	18.84	19.7
5	16QAM	1	12	18.86	18.90	18.87	
5	16QAM	1	24	18.88	18.89	18.95	
5	16QAM	12	0	18.61	18.65	18.64	19.7
5	16QAM	12	7	18.62	18.66	18.63	
5	16QAM	12	13	18.59	18.63	18.68	
5	16QAM	25	0	18.58	18.68	18.66	
5	64QAM	1	0	18.91	18.86	18.79	19.7
5	64QAM	1	12	18.74	18.82	18.81	
5	64QAM	1	24	18.87	18.70	18.79	
5	64QAM	12	0	18.65	18.65	18.64	19.7
5	64QAM	12	7	18.67	18.64	18.69	
5	64QAM	12	13	18.66	18.62	18.61	
5	64QAM	25	0	18.63	18.62	18.66	
5	256QAM	1	0	18.41	18.49	18.30	19.7
5	256QAM	1	12	18.23	18.31	18.22	
5	256QAM	1	24	18.25	18.39	18.24	
5	256QAM	12	0	18.26	18.35	18.25	19.7
5	256QAM	12	7	18.34	18.35	18.29	
5	256QAM	12	13	18.25	18.25	18.19	
5	256QAM	25	0	18.29	18.23	18.21	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	18.60	18.74	18.56	19.7
3	QPSK	1	8	18.58	18.63	18.53	
3	QPSK	1	14	18.58	18.55	18.56	
3	QPSK	8	0	18.57	18.67	18.68	19.7
3	QPSK	8	4	18.62	18.66	18.63	
3	QPSK	8	7	18.55	18.60	18.60	
3	QPSK	15	0	18.61	18.61	18.61	
3	16QAM	1	0	18.97	18.97	18.88	19.7
3	16QAM	1	8	18.87	18.95	18.89	
3	16QAM	1	14	18.92	18.85	18.91	
3	16QAM	8	0	18.62	18.66	18.62	19.7
3	16QAM	8	4	18.63	18.67	18.62	
3	16QAM	8	7	18.56	18.59	18.67	
3	16QAM	15	0	18.60	18.65	18.68	
3	64QAM	1	0	18.92	18.87	18.76	19.7
3	64QAM	1	8	18.71	18.87	18.86	
3	64QAM	1	14	18.83	18.70	18.75	
3	64QAM	8	0	18.71	18.72	18.66	19.7
3	64QAM	8	4	18.64	18.72	18.67	
3	64QAM	8	7	18.61	18.67	18.61	
3	64QAM	15	0	18.66	18.69	18.59	
3	256QAM	1	0	18.40	18.45	18.26	19.7
3	256QAM	1	8	18.22	18.25	18.16	
3	256QAM	1	14	18.30	18.35	18.24	
3	256QAM	8	0	18.28	18.32	18.25	19.7
3	256QAM	8	4	18.37	18.42	18.24	
3	256QAM	8	7	18.23	18.24	18.21	
3	256QAM	15	0	18.29	18.30	18.26	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.60	18.61	18.75	19.7
1.4	QPSK	1	3	18.58	18.52	18.70	
1.4	QPSK	1	5	18.59	18.57	18.66	
1.4	QPSK	3	0	18.57	18.53	18.66	
1.4	QPSK	3	1	18.55	18.58	18.56	
1.4	QPSK	3	3	18.59	18.55	18.69	
1.4	QPSK	6	0	18.63	18.55	18.69	19.7
1.4	16QAM	1	0	18.92	18.92	18.98	19.7
1.4	16QAM	1	3	18.79	18.78	18.88	
1.4	16QAM	1	5	18.93	18.94	19.01	
1.4	16QAM	3	0	18.54	18.54	18.65	
1.4	16QAM	3	1	18.61	18.60	18.71	
1.4	16QAM	3	3	18.57	18.56	18.66	
1.4	16QAM	6	0	18.68	18.64	18.76	19.7
1.4	64QAM	1	0	18.82	18.79	18.91	19.7
1.4	64QAM	1	3	18.62	18.63	18.69	
1.4	64QAM	1	5	18.81	18.79	18.87	
1.4	64QAM	3	0	18.63	18.62	18.74	
1.4	64QAM	3	1	18.69	18.66	18.79	
1.4	64QAM	3	3	18.69	18.71	18.79	
1.4	64QAM	6	0	18.60	18.56	18.68	19.7
1.4	256QAM	1	0	18.41	18.42	18.37	19.7
1.4	256QAM	1	3	18.27	18.30	18.25	
1.4	256QAM	1	5	18.38	18.35	18.35	
1.4	256QAM	3	0	18.35	18.36	18.33	
1.4	256QAM	3	1	18.30	18.27	18.32	
1.4	256QAM	3	3	18.37	18.35	18.37	
1.4	256QAM	6	0	18.32	18.23	18.24	19.7

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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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.23	23.13	23.09	23.9
20	QPSK	1	49	22.93	23.07	22.84	
20	QPSK	1	99	22.98	23.00	22.94	
20	QPSK	50	0	22.19	22.13	22.09	23.5
20	QPSK	50	24	22.11	22.08	22.07	
20	QPSK	50	50	22.06	22.07	22.03	
20	QPSK	100	0	22.11	22.09	22.05	
20	16QAM	1	0	22.51	22.42	22.35	23.5
20	16QAM	1	49	22.35	22.39	22.31	
20	16QAM	1	99	22.30	22.30	22.20	
20	16QAM	50	0	21.15	21.10	21.04	22.5
20	16QAM	50	24	21.06	21.04	20.98	
20	16QAM	50	50	21.01	21.00	20.95	
20	16QAM	100	0	21.06	21.05	21.00	
20	64QAM	1	0	21.39	21.30	21.18	22.5
20	64QAM	1	49	21.25	21.28	21.21	
20	64QAM	1	99	21.13	21.16	21.09	
20	64QAM	50	0	20.15	20.10	20.03	21.5
20	64QAM	50	24	20.07	20.07	20.01	
20	64QAM	50	50	20.01	20.02	19.96	
20	64QAM	100	0	20.06	20.03	19.96	
20	256QAM	1	0	18.46	18.47	18.43	19.5
20	256QAM	1	49	18.21	18.22	18.18	
20	256QAM	1	99	18.34	18.35	18.31	
20	256QAM	50	0	18.33	18.34	18.30	19.5
20	256QAM	50	24	18.26	18.27	18.23	
20	256QAM	50	50	18.25	18.26	18.22	
20	256QAM	100	0	18.30	18.31	18.27	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.11	23.15	23.12	23.9
15	QPSK	1	37	22.83	22.96	22.93	
15	QPSK	1	74	22.92	23.05	22.95	
15	QPSK	36	0	22.08	22.11	22.08	23.5
15	QPSK	36	20	22.04	22.08	22.06	
15	QPSK	36	39	22.01	22.08	22.02	
15	QPSK	75	0	22.04	22.08	22.05	
15	16QAM	1	0	22.42	22.43	22.40	23.5
15	16QAM	1	37	22.32	22.38	22.35	
15	16QAM	1	74	22.22	22.33	22.22	
15	16QAM	36	0	21.07	21.10	21.04	22.5
15	16QAM	36	20	21.01	21.06	21.01	
15	16QAM	36	39	20.97	21.04	20.97	
15	16QAM	75	0	21.02	21.06	21.01	
15	64QAM	1	0	21.33	21.31	21.24	22.5
15	64QAM	1	37	21.33	21.38	21.33	
15	64QAM	1	74	21.10	21.20	21.09	
15	64QAM	36	0	20.09	20.12	20.04	21.5
15	64QAM	36	20	20.04	20.07	20.02	
15	64QAM	36	39	20.01	20.05	19.98	
15	64QAM	75	0	20.00	20.04	19.99	
15	256QAM	1	0	18.38	18.41	18.41	19.5
15	256QAM	1	37	18.18	18.13	18.18	
15	256QAM	1	74	18.28	18.28	18.27	
15	256QAM	36	0	18.31	18.33	18.25	19.5
15	256QAM	36	20	18.23	18.24	18.23	

15	256QAM	36	39	18.17	18.20	18.17	
15	256QAM	75	0	18.24	18.21	18.22	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.12	23.07	23.08	23.9
10	QPSK	1	25	22.98	23.01	23.03	
10	QPSK	1	49	22.93	23.03	22.98	
10	QPSK	25	0	22.04	22.10	22.10	23.5
10	QPSK	25	12	22.02	22.06	22.08	
10	QPSK	25	25	22.00	22.07	22.05	
10	QPSK	50	0	22.04	22.09	22.08	
10	16QAM	1	0	22.34	22.37	22.35	23.5
10	16QAM	1	25	22.29	22.36	22.29	
10	16QAM	1	49	22.21	22.34	22.24	
10	16QAM	25	0	21.06	21.10	21.09	22.5
10	16QAM	25	12	21.02	21.06	21.04	
10	16QAM	25	25	21.00	21.06	21.01	
10	16QAM	50	0	21.00	21.06	21.04	
10	64QAM	1	0	21.21	21.23	21.21	22.5
10	64QAM	1	25	21.09	21.16	21.15	
10	64QAM	1	49	21.11	21.16	21.09	
10	64QAM	25	0	20.04	20.07	20.05	21.5
10	64QAM	25	12	19.98	20.04	20.02	
10	64QAM	25	25	19.97	20.04	20.00	
10	64QAM	50	0	20.02	20.07	20.03	
10	256QAM	1	0	18.36	18.40	18.36	19.5
10	256QAM	1	25	18.11	18.21	18.10	
10	256QAM	1	49	18.29	18.26	18.28	
10	256QAM	25	0	18.33	18.25	18.21	19.5
10	256QAM	25	12	18.18	18.24	18.21	
10	256QAM	25	25	18.21	18.23	18.14	
10	256QAM	50	0	18.21	18.30	18.18	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.06	23.04	23.13	23.9
5	QPSK	1	12	23.02	22.95	23.00	
5	QPSK	1	24	22.96	23.00	22.97	
5	QPSK	12	0	22.09	22.06	22.04	23.5
5	QPSK	12	7	22.00	22.03	22.02	
5	QPSK	12	13	22.01	22.05	22.03	
5	QPSK	25	0	22.02	22.05	22.03	
5	16QAM	1	0	22.42	22.40	22.38	23.5
5	16QAM	1	12	22.42	22.43	22.37	
5	16QAM	1	24	22.33	22.36	22.28	
5	16QAM	12	0	21.05	21.06	21.04	22.5
5	16QAM	12	7	21.06	21.07	21.03	
5	16QAM	12	13	21.03	21.04	20.99	
5	16QAM	25	0	21.01	21.02	21.01	
5	64QAM	1	0	21.29	21.27	21.26	22.5
5	64QAM	1	12	21.36	21.39	21.34	
5	64QAM	1	24	21.19	21.22	21.16	
5	64QAM	12	0	20.10	20.12	20.07	21.5
5	64QAM	12	7	20.08	20.09	20.06	
5	64QAM	12	13	20.06	20.10	20.04	
5	64QAM	25	0	20.02	20.01	20.00	
5	256QAM	1	0	18.45	18.39	18.37	19.5
5	256QAM	1	12	18.21	18.17	18.17	
5	256QAM	1	24	18.24	18.27	18.30	
5	256QAM	12	0	18.30	18.28	18.30	19.5
5	256QAM	12	7	18.18	18.21	18.18	
5	256QAM	12	13	18.23	18.18	18.13	
5	256QAM	25	0	18.30	18.29	18.24	
Channel				18615	18900	19185	Tune-up limit

Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.19	23.11	22.95	23.9
3	QPSK	1	8	23.07	23.01	22.89	
3	QPSK	1	14	23.04	23.13	22.92	
3	QPSK	8	0	22.04	22.05	22.01	23.5
3	QPSK	8	4	21.95	21.94	21.91	
3	QPSK	8	7	22.02	22.02	21.98	
3	QPSK	15	0	22.05	22.04	22.05	
3	16QAM	1	0	22.38	22.38	22.36	23.5
3	16QAM	1	8	22.32	22.31	22.23	
3	16QAM	1	14	22.40	22.40	22.31	
3	16QAM	8	0	21.12	21.10	21.05	22.5
3	16QAM	8	4	21.06	21.04	21.01	
3	16QAM	8	7	21.05	21.06	20.99	
3	16QAM	15	0	21.09	21.05	21.03	
3	64QAM	1	0	21.31	21.25	21.23	22.5
3	64QAM	1	8	21.19	21.18	21.14	
3	64QAM	1	14	21.27	21.27	21.20	
3	64QAM	8	0	20.07	20.06	20.03	21.5
3	64QAM	8	4	20.02	20.01	19.97	
3	64QAM	8	7	20.09	20.07	20.02	
3	64QAM	15	0	20.00	19.97	19.94	
3	256QAM	1	0	18.46	18.43	18.33	19.5
3	256QAM	1	8	18.15	18.16	18.15	
3	256QAM	1	14	18.26	18.35	18.30	
3	256QAM	8	0	18.26	18.25	18.21	19.5
3	256QAM	8	4	18.18	18.22	18.17	
3	256QAM	8	7	18.19	18.23	18.14	
3	256QAM	15	0	18.28	18.22	18.17	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.04	23.10	22.99	23.9
1.4	QPSK	1	3	22.96	22.99	22.89	
1.4	QPSK	1	5	23.03	23.04	22.98	
1.4	QPSK	3	0	23.03	23.02	23.01	
1.4	QPSK	3	1	22.91	22.91	22.90	
1.4	QPSK	3	3	23.05	23.04	22.99	
1.4	QPSK	6	0	22.02	22.02	22.00	23.5
1.4	16QAM	1	0	22.40	22.40	22.34	23.5
1.4	16QAM	1	3	22.34	22.36	22.22	
1.4	16QAM	1	5	22.40	22.40	22.31	
1.4	16QAM	3	0	22.01	22.02	21.95	
1.4	16QAM	3	1	22.06	22.06	21.99	
1.4	16QAM	3	3	22.04	22.01	21.97	
1.4	16QAM	6	0	21.09	21.09	21.07	22.5
1.4	64QAM	1	0	22.20	21.27	21.23	22.5
1.4	64QAM	1	3	22.23	21.09	21.02	
1.4	64QAM	1	5	22.18	21.25	21.19	
1.4	64QAM	3	0	22.07	21.08	21.05	
1.4	64QAM	3	1	21.97	21.12	21.06	
1.4	64QAM	3	3	22.07	21.15	21.10	
1.4	64QAM	6	0	21.03	20.01	19.98	21.5
1.4	256QAM	1	0	18.42	18.41	18.43	19.5
1.4	256QAM	1	3	18.27	18.26	18.28	
1.4	256QAM	1	5	18.42	18.41	18.43	
1.4	256QAM	3	0	18.33	18.32	18.34	
1.4	256QAM	3	1	18.25	18.24	18.26	
1.4	256QAM	3	3	18.33	18.32	18.34	
1.4	256QAM	6	0	18.24	18.23	18.25	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.46	23.47	23.44	24.7
20	QPSK	1	49	23.23	23.34	23.18	
20	QPSK	1	99	23.33	23.26	23.31	
20	QPSK	50	0	22.45	22.45	22.41	23.7
20	QPSK	50	24	22.41	22.38	22.37	
20	QPSK	50	50	22.35	22.32	22.32	
20	QPSK	100	0	22.40	22.37	22.38	
20	16QAM	1	0	22.78	22.74	22.71	23.7
20	16QAM	1	49	22.71	22.60	22.65	
20	16QAM	1	99	22.58	22.54	22.63	
20	16QAM	50	0	21.46	21.41	21.40	22.7
20	16QAM	50	24	21.41	21.32	21.36	
20	16QAM	50	50	21.33	21.28	21.33	
20	16QAM	100	0	21.42	21.32	21.36	
20	64QAM	1	0	21.66	21.59	21.55	22.7
20	64QAM	1	49	21.63	21.50	21.52	
20	64QAM	1	99	21.46	21.39	21.50	
20	64QAM	50	0	20.47	20.41	20.39	21.7
20	64QAM	50	24	20.44	20.35	20.38	
20	64QAM	50	50	20.37	20.30	20.34	
20	64QAM	100	0	20.40	20.33	20.37	
20	256QAM	1	0	18.48	18.49	18.50	19.7
20	256QAM	1	49	18.13	18.17	18.11	
20	256QAM	1	99	18.37	18.42	18.37	
20	256QAM	50	0	18.33	18.35	18.29	19.7
20	256QAM	50	24	18.35	18.38	18.33	
20	256QAM	50	50	18.33	18.36	18.31	
20	256QAM	100	0	18.28	18.34	18.29	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.42	23.36	23.33	24.7
15	QPSK	1	37	23.21	23.13	23.12	
15	QPSK	1	74	23.30	23.21	23.21	
15	QPSK	36	0	22.42	22.31	22.30	23.7
15	QPSK	36	20	22.38	22.26	22.26	
15	QPSK	36	39	22.35	22.25	22.25	
15	QPSK	75	0	22.40	22.28	22.27	
15	16QAM	1	0	22.74	22.61	22.62	23.7
15	16QAM	1	37	22.71	22.54	22.60	
15	16QAM	1	74	22.60	22.44	22.53	
15	16QAM	36	0	21.41	21.26	21.27	22.7
15	16QAM	36	20	21.37	21.21	21.25	
15	16QAM	36	39	21.35	21.16	21.24	
15	16QAM	75	0	21.38	21.19	21.27	
15	64QAM	1	0	21.61	21.45	21.48	22.7
15	64QAM	1	37	21.67	21.50	21.55	
15	64QAM	1	74	21.48	21.32	21.39	
15	64QAM	36	0	20.45	20.29	20.33	21.7
15	64QAM	36	20	20.41	20.24	20.30	
15	64QAM	36	39	20.38	20.21	20.31	
15	64QAM	75	0	20.40	20.21	20.29	
15	256QAM	1	0	18.44	18.42	18.43	19.7
15	256QAM	1	37	18.08	18.10	18.08	
15	256QAM	1	74	18.29	18.35	18.31	
15	256QAM	36	0	18.25	18.27	18.23	19.7
15	256QAM	36	20	18.29	18.30	18.28	

15	256QAM	36	39	18.26	18.33	18.26	
15	256QAM	75	0	18.25	18.26	18.25	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.32	23.30	23.26	24.7
10	QPSK	1	25	23.31	23.24	23.17	
10	QPSK	1	49	23.28	23.22	23.15	
10	QPSK	25	0	22.38	22.33	22.28	23.7
10	QPSK	25	12	22.35	22.30	22.24	
10	QPSK	25	25	22.32	22.28	22.21	
10	QPSK	50	0	22.34	22.30	22.24	
10	16QAM	1	0	22.54	22.56	22.49	23.7
10	16QAM	1	25	22.53	22.49	22.43	
10	16QAM	1	49	22.54	22.48	22.41	
10	16QAM	25	0	21.34	21.28	21.22	22.7
10	16QAM	25	12	21.34	21.26	21.20	
10	16QAM	25	25	21.32	21.24	21.17	
10	16QAM	50	0	21.32	21.24	21.18	
10	64QAM	1	0	21.47	21.40	21.34	22.7
10	64QAM	1	25	21.40	21.31	21.22	
10	64QAM	1	49	21.46	21.36	21.28	
10	64QAM	25	0	20.33	20.29	20.23	21.7
10	64QAM	25	12	20.31	20.27	20.20	
10	64QAM	25	25	20.30	20.23	20.18	
10	64QAM	50	0	20.35	20.28	20.23	
10	256QAM	1	0	18.41	18.45	18.44	19.7
10	256QAM	1	25	18.07	18.09	18.07	
10	256QAM	1	49	18.33	18.39	18.33	
10	256QAM	25	0	18.30	18.28	18.24	19.7
10	256QAM	25	12	18.29	18.31	18.29	
10	256QAM	25	25	18.28	18.28	18.26	
10	256QAM	50	0	18.21	18.30	18.22	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.45	23.23	23.36	24.7
5	QPSK	1	12	23.24	23.19	23.22	
5	QPSK	1	24	23.28	23.22	23.27	
5	QPSK	12	0	22.36	22.26	22.21	23.7
5	QPSK	12	7	22.33	22.25	22.19	
5	QPSK	12	13	22.34	22.26	22.18	
5	QPSK	25	0	22.36	22.29	22.24	
5	16QAM	1	0	22.63	22.61	22.55	23.7
5	16QAM	1	12	22.62	22.55	22.52	
5	16QAM	1	24	22.61	22.54	22.49	
5	16QAM	12	0	21.34	21.24	21.18	22.7
5	16QAM	12	7	21.36	21.23	21.20	
5	16QAM	12	13	21.33	21.21	21.14	
5	16QAM	25	0	21.32	21.20	21.17	
5	64QAM	1	0	21.60	21.48	21.42	22.7
5	64QAM	1	12	21.68	21.54	21.49	
5	64QAM	1	24	21.57	21.42	21.39	
5	64QAM	12	0	20.37	20.29	20.24	21.7
5	64QAM	12	7	20.36	20.29	20.24	
5	64QAM	12	13	20.35	20.27	20.22	
5	64QAM	25	0	20.32	20.22	20.19	
5	256QAM	1	0	18.43	18.46	18.46	19.7
5	256QAM	1	12	18.06	18.09	18.07	
5	256QAM	1	24	18.32	18.36	18.30	
5	256QAM	12	0	18.29	18.31	18.26	19.7
5	256QAM	12	7	18.28	18.35	18.25	
5	256QAM	12	13	18.26	18.29	18.24	
5	256QAM	25	0	18.20	18.30	18.25	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.41	23.34	23.27	24.7
3	QPSK	1	8	23.31	23.24	23.11	
3	QPSK	1	14	23.42	23.24	23.12	
3	QPSK	8	0	22.37	22.28	22.20	23.7
3	QPSK	8	4	22.27	22.18	22.12	
3	QPSK	8	7	22.34	22.25	22.18	
3	QPSK	15	0	22.43	22.35	22.30	
3	16QAM	1	0	22.61	22.59	22.51	23.7
3	16QAM	1	8	22.54	22.48	22.42	
3	16QAM	1	14	22.62	22.55	22.49	
3	16QAM	8	0	21.42	21.29	21.22	22.7
3	16QAM	8	4	21.37	21.25	21.18	
3	16QAM	8	7	21.36	21.24	21.15	
3	16QAM	15	0	21.40	21.29	21.24	
3	64QAM	1	0	21.58	21.43	21.38	22.7
3	64QAM	1	8	21.49	21.35	21.29	
3	64QAM	1	14	21.58	21.44	21.37	
3	64QAM	8	0	20.38	20.28	20.22	21.7
3	64QAM	8	4	20.33	20.25	20.18	
3	64QAM	8	7	20.39	20.30	20.23	
3	64QAM	15	0	20.33	20.22	20.17	
3	256QAM	1	0	18.40	18.42	18.46	19.7
3	256QAM	1	8	18.06	18.11	18.03	
3	256QAM	1	14	18.32	18.34	18.34	
3	256QAM	8	0	18.29	18.28	18.24	19.7
3	256QAM	8	4	18.31	18.33	18.28	
3	256QAM	8	7	18.27	18.33	18.27	
3	256QAM	15	0	18.25	18.29	18.24	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.32	23.21	23.21	24.7
1.4	QPSK	1	3	23.21	23.14	23.15	
1.4	QPSK	1	5	23.24	23.19	23.19	
1.4	QPSK	3	0	23.25	23.21	23.15	
1.4	QPSK	3	1	23.13	23.10	23.02	
1.4	QPSK	3	3	23.26	23.22	23.16	
1.4	QPSK	6	0	22.32	22.26	22.21	23.7
1.4	16QAM	1	0	22.57	22.53	22.46	23.7
1.4	16QAM	1	3	22.47	22.41	22.36	
1.4	16QAM	1	5	22.56	22.50	22.45	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.27	22.25	22.17	
1.4	16QAM	3	3	22.24	22.19	22.13	
1.4	16QAM	6	0	21.35	21.28	21.23	22.7
1.4	64QAM	1	0	21.52	21.40	21.36	22.7
1.4	64QAM	1	3	21.35	21.20	21.14	
1.4	64QAM	1	5	21.50	21.37	21.31	
1.4	64QAM	3	0	21.33	21.24	21.18	
1.4	64QAM	3	1	21.38	21.28	21.22	
1.4	64QAM	3	3	21.39	21.31	21.24	
1.4	64QAM	6	0	20.25	20.18	20.13	21.7
1.4	256QAM	1	0	18.45	18.40	18.44	19.7
1.4	256QAM	1	3	18.27	18.32	18.27	
1.4	256QAM	1	5	18.33	18.40	18.36	
1.4	256QAM	3	0	18.34	18.37	18.34	
1.4	256QAM	3	1	18.30	18.33	18.31	
1.4	256QAM	3	3	18.29	18.32	18.28	
1.4	256QAM	6	0	18.23	18.29	18.24	19.7

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.39	23.44	23.40	24.5
20	QPSK	1	49	23.29	23.21	23.28	
20	QPSK	1	99	23.19	23.14	23.18	
20	QPSK	50	0	22.38	22.41	22.38	23.5
20	QPSK	50	24	22.34	22.35	22.34	
20	QPSK	50	50	22.30	22.30	22.27	
20	QPSK	100	0	22.37	22.35	22.35	
20	16QAM	1	0	22.74	22.75	22.68	23.5
20	16QAM	1	49	22.64	22.59	22.64	
20	16QAM	1	99	22.53	22.52	22.60	
20	16QAM	50	0	21.40	21.39	21.37	22.5
20	16QAM	50	24	21.36	21.36	21.33	
20	16QAM	50	50	21.30	21.31	21.29	
20	16QAM	100	0	21.37	21.35	21.35	
20	64QAM	1	0	21.64	21.65	21.58	22.5
20	64QAM	1	49	21.60	21.54	21.55	
20	64QAM	1	99	21.40	21.42	21.43	
20	64QAM	50	0	20.44	20.44	20.41	21.5
20	64QAM	50	24	20.41	20.38	20.39	
20	64QAM	50	50	20.35	20.33	20.35	
20	64QAM	100	0	20.39	20.33	20.38	
20	256QAM	1	0	18.65	18.66	18.66	19.5
20	256QAM	1	49	18.36	18.37	18.37	
20	256QAM	1	99	18.56	18.57	18.57	
20	256QAM	50	0	18.53	18.54	18.54	19.5
20	256QAM	50	24	18.53	18.54	18.54	
20	256QAM	50	50	18.48	18.49	18.49	
20	256QAM	100	0	18.52	18.53	18.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.30	23.33	23.32	24.5
15	QPSK	1	37	23.21	23.11	23.11	
15	QPSK	1	74	23.24	23.12	23.18	
15	QPSK	36	0	22.38	22.29	22.28	23.5
15	QPSK	36	20	22.33	22.22	22.26	
15	QPSK	36	39	22.31	22.19	22.22	
15	QPSK	75	0	22.36	22.21	22.27	
15	16QAM	1	0	22.76	22.61	22.61	23.5
15	16QAM	1	37	22.69	22.51	22.64	
15	16QAM	1	74	22.57	22.43	22.53	
15	16QAM	36	0	21.37	21.25	21.30	22.5
15	16QAM	36	20	21.34	21.20	21.25	
15	16QAM	36	39	21.30	21.17	21.23	
15	16QAM	75	0	21.35	21.21	21.27	
15	64QAM	1	0	21.63	21.47	21.51	22.5
15	64QAM	1	37	21.68	21.48	21.59	
15	64QAM	1	74	21.39	21.29	21.38	
15	64QAM	36	0	20.43	20.26	20.33	21.5
15	64QAM	36	20	20.35	20.20	20.29	
15	64QAM	36	39	20.31	20.16	20.26	
15	64QAM	75	0	20.33	20.17	20.28	
15	256QAM	1	0	18.61	18.65	18.60	19.5
15	256QAM	1	37	18.32	18.31	18.32	
15	256QAM	1	74	18.53	18.52	18.52	
15	256QAM	36	0	18.51	18.53	18.53	19.5
15	256QAM	36	20	18.51	18.46	18.51	

15	256QAM	36	39	18.42	18.48	18.49	
15	256QAM	75	0	18.46	18.47	18.44	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.30	23.26	23.22	24.5
10	QPSK	1	25	23.31	23.22	23.15	
10	QPSK	1	49	23.26	23.21	23.15	
10	QPSK	25	0	22.33	22.27	22.22	23.5
10	QPSK	25	12	22.33	22.23	22.20	
10	QPSK	25	25	22.30	22.22	22.17	
10	QPSK	50	0	22.33	22.25	22.20	
10	16QAM	1	0	22.65	22.52	22.51	23.5
10	16QAM	1	25	22.59	22.45	22.48	
10	16QAM	1	49	22.54	22.44	22.46	
10	16QAM	25	0	21.33	21.24	21.22	22.5
10	16QAM	25	12	21.31	21.20	21.19	
10	16QAM	25	25	21.30	21.18	21.18	
10	16QAM	50	0	21.30	21.20	21.21	
10	64QAM	1	0	21.47	21.36	21.38	22.5
10	64QAM	1	25	21.39	21.31	21.33	
10	64QAM	1	49	21.39	21.30	21.32	
10	64QAM	25	0	20.33	20.23	20.24	21.5
10	64QAM	25	12	20.32	20.21	20.22	
10	64QAM	25	25	20.29	20.19	20.19	
10	64QAM	50	0	20.35	20.23	20.25	
10	256QAM	1	0	18.65	18.62	18.65	19.5
10	256QAM	1	25	18.28	18.34	18.28	
10	256QAM	1	49	18.53	18.57	18.47	
10	256QAM	25	0	18.48	18.51	18.46	19.5
10	256QAM	25	12	18.43	18.52	18.45	
10	256QAM	25	25	18.39	18.45	18.41	
10	256QAM	50	0	18.47	18.48	18.50	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.30	23.22	23.29	24.5
5	QPSK	1	12	23.26	23.16	23.12	
5	QPSK	1	24	23.32	23.18	23.11	
5	QPSK	12	0	22.31	22.22	22.19	23.5
5	QPSK	12	7	22.26	22.22	22.18	
5	QPSK	12	13	22.28	22.24	22.17	
5	QPSK	25	0	22.27	22.25	22.19	
5	16QAM	1	0	22.65	22.54	22.57	23.5
5	16QAM	1	12	22.66	22.56	22.55	
5	16QAM	1	24	22.60	22.51	22.48	
5	16QAM	12	0	21.31	21.20	21.22	22.5
5	16QAM	12	7	21.33	21.22	21.25	
5	16QAM	12	13	21.31	21.20	21.20	
5	16QAM	25	0	21.27	21.19	21.16	
5	64QAM	1	0	21.53	21.43	21.44	22.5
5	64QAM	1	12	21.63	21.55	21.55	
5	64QAM	1	24	21.46	21.36	21.36	
5	64QAM	12	0	20.37	20.27	20.28	21.5
5	64QAM	12	7	20.39	20.26	20.28	
5	64QAM	12	13	20.38	20.25	20.24	
5	64QAM	25	0	20.31	20.21	20.20	
5	256QAM	1	0	18.58	18.57	18.65	19.5
5	256QAM	1	12	18.35	18.30	18.36	
5	256QAM	1	24	18.47	18.48	18.56	
5	256QAM	12	0	18.52	18.45	18.47	19.5
5	256QAM	12	7	18.48	18.45	18.48	
5	256QAM	12	13	18.42	18.40	18.47	
5	256QAM	25	0	18.43	18.43	18.53	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.31	23.29	23.26	24.5
3	QPSK	1	8	23.15	23.19	23.15	
3	QPSK	1	14	23.19	23.19	23.23	
3	QPSK	8	0	22.25	22.22	22.17	23.5
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.25	22.22	22.15	
3	QPSK	15	0	22.31	22.26	22.19	
3	16QAM	1	0	22.65	22.52	22.51	23.5
3	16QAM	1	8	22.57	22.46	22.46	
3	16QAM	1	14	22.62	22.53	22.56	
3	16QAM	8	0	21.33	21.25	21.25	22.5
3	16QAM	8	4	21.31	21.20	21.21	
3	16QAM	8	7	21.29	21.21	21.20	
3	16QAM	15	0	21.31	21.27	21.21	
3	64QAM	1	0	21.53	21.44	21.42	22.5
3	64QAM	1	8	21.42	21.36	21.32	
3	64QAM	1	14	21.52	21.41	21.43	
3	64QAM	8	0	20.36	20.25	20.23	21.5
3	64QAM	8	4	20.30	20.21	20.18	
3	64QAM	8	7	20.37	20.25	20.25	
3	64QAM	15	0	20.26	20.18	20.14	
3	256QAM	1	0	18.57	18.64	18.58	19.5
3	256QAM	1	8	18.30	18.27	18.31	
3	256QAM	1	14	18.56	18.56	18.53	
3	256QAM	8	0	18.46	18.51	18.47	19.5
3	256QAM	8	4	18.50	18.51	18.53	
3	256QAM	8	7	18.47	18.43	18.49	
3	256QAM	15	0	18.42	18.49	18.53	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.24	23.19	23.22	24.5
1.4	QPSK	1	3	23.18	23.13	23.09	
1.4	QPSK	1	5	23.25	23.20	23.13	
1.4	QPSK	3	0	23.21	23.22	23.11	
1.4	QPSK	3	1	23.10	23.11	23.00	
1.4	QPSK	3	3	23.20	23.21	23.11	
1.4	QPSK	6	0	22.26	22.21	22.11	23.5
1.4	16QAM	1	0	22.64	22.51	22.52	23.5
1.4	16QAM	1	3	22.58	22.45	22.42	
1.4	16QAM	1	5	22.60	22.50	22.49	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.26	22.22	22.16	
1.4	16QAM	3	3	22.25	22.17	22.11	
1.4	16QAM	6	0	21.32	21.25	21.22	22.5
1.4	64QAM	1	0	21.51	21.35	21.40	22.5
1.4	64QAM	1	3	21.37	21.19	21.23	
1.4	64QAM	1	5	21.50	21.35	21.39	
1.4	64QAM	3	0	21.31	21.24	21.22	
1.4	64QAM	3	1	21.35	21.26	21.25	
1.4	64QAM	3	3	21.40	21.29	21.27	
1.4	64QAM	6	0	20.24	20.16	20.11	21.5
1.4	256QAM	1	0	18.62	18.62	18.48	19.5
1.4	256QAM	1	3	18.47	18.47	18.33	
1.4	256QAM	1	5	18.64	18.64	18.50	
1.4	256QAM	3	0	18.55	18.55	18.41	
1.4	256QAM	3	1	18.48	18.48	18.34	
1.4	256QAM	3	3	18.52	18.52	18.38	
1.4	256QAM	6	0	18.44	18.44	18.30	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.46	23.47	23.44	24.7
20	QPSK	1	49	23.23	23.34	23.18	
20	QPSK	1	99	23.33	23.26	23.31	
20	QPSK	50	0	22.45	22.45	22.41	23.7
20	QPSK	50	24	22.41	22.38	22.37	
20	QPSK	50	50	22.35	22.32	22.32	
20	QPSK	100	0	22.40	22.37	22.38	
20	16QAM	1	0	22.78	22.74	22.71	23.7
20	16QAM	1	49	22.71	22.60	22.65	
20	16QAM	1	99	22.58	22.54	22.63	
20	16QAM	50	0	21.46	21.41	21.40	22.7
20	16QAM	50	24	21.41	21.32	21.36	
20	16QAM	50	50	21.33	21.28	21.33	
20	16QAM	100	0	21.42	21.32	21.36	
20	64QAM	1	0	21.66	21.59	21.55	22.7
20	64QAM	1	49	21.63	21.50	21.52	
20	64QAM	1	99	21.46	21.39	21.50	
20	64QAM	50	0	20.47	20.41	20.39	21.7
20	64QAM	50	24	20.44	20.35	20.38	
20	64QAM	50	50	20.37	20.30	20.34	
20	64QAM	100	0	20.40	20.33	20.37	
20	256QAM	1	0	18.48	18.49	18.50	19.7
20	256QAM	1	49	18.13	18.17	18.11	
20	256QAM	1	99	18.37	18.42	18.37	
20	256QAM	50	0	18.33	18.35	18.29	19.7
20	256QAM	50	24	18.35	18.38	18.33	
20	256QAM	50	50	18.33	18.36	18.31	
20	256QAM	100	0	18.28	18.34	18.29	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.42	23.36	23.33	24.7
15	QPSK	1	37	23.21	23.13	23.12	
15	QPSK	1	74	23.30	23.21	23.21	
15	QPSK	36	0	22.42	22.31	22.30	23.7
15	QPSK	36	20	22.38	22.26	22.26	
15	QPSK	36	39	22.35	22.25	22.25	
15	QPSK	75	0	22.40	22.28	22.27	
15	16QAM	1	0	22.74	22.61	22.62	23.7
15	16QAM	1	37	22.71	22.54	22.60	
15	16QAM	1	74	22.60	22.44	22.53	
15	16QAM	36	0	21.41	21.26	21.27	22.7
15	16QAM	36	20	21.37	21.21	21.25	
15	16QAM	36	39	21.35	21.16	21.24	
15	16QAM	75	0	21.38	21.19	21.27	
15	64QAM	1	0	21.61	21.45	21.48	22.7
15	64QAM	1	37	21.67	21.50	21.55	
15	64QAM	1	74	21.48	21.32	21.39	
15	64QAM	36	0	20.45	20.29	20.33	21.7
15	64QAM	36	20	20.41	20.24	20.30	
15	64QAM	36	39	20.38	20.21	20.31	
15	64QAM	75	0	20.40	20.21	20.29	
15	256QAM	1	0	18.44	18.42	18.43	19.7
15	256QAM	1	37	18.08	18.10	18.08	
15	256QAM	1	74	18.29	18.35	18.31	
15	256QAM	36	0	18.25	18.27	18.23	19.7
15	256QAM	36	20	18.29	18.30	18.28	

15	256QAM	36	39	18.26	18.33	18.26	
15	256QAM	75	0	18.25	18.26	18.25	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.32	23.30	23.26	24.7
10	QPSK	1	25	23.31	23.24	23.17	
10	QPSK	1	49	23.28	23.22	23.15	
10	QPSK	25	0	22.38	22.33	22.28	23.7
10	QPSK	25	12	22.35	22.30	22.24	
10	QPSK	25	25	22.32	22.28	22.21	
10	QPSK	50	0	22.34	22.30	22.24	
10	16QAM	1	0	22.54	22.56	22.49	23.7
10	16QAM	1	25	22.53	22.49	22.43	
10	16QAM	1	49	22.54	22.48	22.41	
10	16QAM	25	0	21.34	21.28	21.22	22.7
10	16QAM	25	12	21.34	21.26	21.20	
10	16QAM	25	25	21.32	21.24	21.17	
10	16QAM	50	0	21.32	21.24	21.18	
10	64QAM	1	0	21.47	21.40	21.34	22.7
10	64QAM	1	25	21.40	21.31	21.22	
10	64QAM	1	49	21.46	21.36	21.28	
10	64QAM	25	0	20.33	20.29	20.23	21.7
10	64QAM	25	12	20.31	20.27	20.20	
10	64QAM	25	25	20.30	20.23	20.18	
10	64QAM	50	0	20.35	20.28	20.23	
10	256QAM	1	0	18.41	18.45	18.44	19.7
10	256QAM	1	25	18.07	18.09	18.07	
10	256QAM	1	49	18.33	18.39	18.33	
10	256QAM	25	0	18.30	18.28	18.24	19.7
10	256QAM	25	12	18.29	18.31	18.29	
10	256QAM	25	25	18.28	18.28	18.26	
10	256QAM	50	0	18.21	18.30	18.22	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.45	23.23	23.36	24.7
5	QPSK	1	12	23.24	23.19	23.22	
5	QPSK	1	24	23.28	23.22	23.27	
5	QPSK	12	0	22.36	22.26	22.21	23.7
5	QPSK	12	7	22.33	22.25	22.19	
5	QPSK	12	13	22.34	22.26	22.18	
5	QPSK	25	0	22.36	22.29	22.24	
5	16QAM	1	0	22.63	22.61	22.55	23.7
5	16QAM	1	12	22.62	22.55	22.52	
5	16QAM	1	24	22.61	22.54	22.49	
5	16QAM	12	0	21.34	21.24	21.18	22.7
5	16QAM	12	7	21.36	21.23	21.20	
5	16QAM	12	13	21.33	21.21	21.14	
5	16QAM	25	0	21.32	21.20	21.17	
5	64QAM	1	0	21.60	21.48	21.42	22.7
5	64QAM	1	12	21.68	21.54	21.49	
5	64QAM	1	24	21.57	21.42	21.39	
5	64QAM	12	0	20.37	20.29	20.24	21.7
5	64QAM	12	7	20.36	20.29	20.24	
5	64QAM	12	13	20.35	20.27	20.22	
5	64QAM	25	0	20.32	20.22	20.19	
5	256QAM	1	0	18.43	18.46	18.46	19.7
5	256QAM	1	12	18.06	18.09	18.07	
5	256QAM	1	24	18.32	18.36	18.30	
5	256QAM	12	0	18.29	18.31	18.26	19.7
5	256QAM	12	7	18.28	18.35	18.25	
5	256QAM	12	13	18.26	18.29	18.24	
5	256QAM	25	0	18.20	18.30	18.25	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.41	23.34	23.27	24.7
3	QPSK	1	8	23.31	23.24	23.11	
3	QPSK	1	14	23.42	23.24	23.12	
3	QPSK	8	0	22.37	22.28	22.20	23.7
3	QPSK	8	4	22.27	22.18	22.12	
3	QPSK	8	7	22.34	22.25	22.18	
3	QPSK	15	0	22.43	22.35	22.30	
3	16QAM	1	0	22.61	22.59	22.51	23.7
3	16QAM	1	8	22.54	22.48	22.42	
3	16QAM	1	14	22.62	22.55	22.49	
3	16QAM	8	0	21.42	21.29	21.22	22.7
3	16QAM	8	4	21.37	21.25	21.18	
3	16QAM	8	7	21.36	21.24	21.15	
3	16QAM	15	0	21.40	21.29	21.24	
3	64QAM	1	0	21.58	21.43	21.38	22.7
3	64QAM	1	8	21.49	21.35	21.29	
3	64QAM	1	14	21.58	21.44	21.37	
3	64QAM	8	0	20.38	20.28	20.22	21.7
3	64QAM	8	4	20.33	20.25	20.18	
3	64QAM	8	7	20.39	20.30	20.23	
3	64QAM	15	0	20.33	20.22	20.17	
3	256QAM	1	0	18.40	18.42	18.46	19.7
3	256QAM	1	8	18.06	18.11	18.03	
3	256QAM	1	14	18.32	18.34	18.34	
3	256QAM	8	0	18.29	18.28	18.24	19.7
3	256QAM	8	4	18.31	18.33	18.28	
3	256QAM	8	7	18.27	18.33	18.27	
3	256QAM	15	0	18.25	18.29	18.24	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.32	23.21	23.21	24.7
1.4	QPSK	1	3	23.21	23.14	23.15	
1.4	QPSK	1	5	23.24	23.19	23.19	
1.4	QPSK	3	0	23.25	23.21	23.15	
1.4	QPSK	3	1	23.13	23.10	23.02	
1.4	QPSK	3	3	23.26	23.22	23.16	
1.4	QPSK	6	0	22.32	22.26	22.21	23.7
1.4	16QAM	1	0	22.57	22.53	22.46	23.7
1.4	16QAM	1	3	22.47	22.41	22.36	
1.4	16QAM	1	5	22.56	22.50	22.45	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.27	22.25	22.17	
1.4	16QAM	3	3	22.24	22.19	22.13	
1.4	16QAM	6	0	21.35	21.28	21.23	22.7
1.4	64QAM	1	0	21.52	21.40	21.36	22.7
1.4	64QAM	1	3	21.35	21.20	21.14	
1.4	64QAM	1	5	21.50	21.37	21.31	
1.4	64QAM	3	0	21.33	21.24	21.18	
1.4	64QAM	3	1	21.38	21.28	21.22	
1.4	64QAM	3	3	21.39	21.31	21.24	
1.4	64QAM	6	0	20.25	20.18	20.13	21.7
1.4	256QAM	1	0	18.45	18.40	18.44	19.7
1.4	256QAM	1	3	18.27	18.32	18.27	
1.4	256QAM	1	5	18.33	18.40	18.36	
1.4	256QAM	3	0	18.34	18.37	18.34	
1.4	256QAM	3	1	18.30	18.33	18.31	
1.4	256QAM	3	3	18.29	18.32	18.28	
1.4	256QAM	6	0	18.23	18.29	18.24	19.7

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.01	18.04	18.00	19.7
20	QPSK	1	49	17.75	17.76	17.90	
20	QPSK	1	99	17.86	17.86	17.78	
20	QPSK	50	0	17.96	18.01	17.99	19.7
20	QPSK	50	24	17.94	17.97	17.92	
20	QPSK	50	50	17.90	17.89	17.88	
20	QPSK	100	0	17.95	17.96	17.93	
20	16QAM	1	0	18.36	18.33	18.30	19.7
20	16QAM	1	49	18.22	18.21	18.25	
20	16QAM	1	99	18.11	18.12	18.21	
20	16QAM	50	0	18.01	18.00	18.00	19.7
20	16QAM	50	24	17.95	17.95	17.96	
20	16QAM	50	50	17.89	17.90	17.90	
20	16QAM	100	0	17.96	17.96	17.96	
20	64QAM	1	0	18.22	18.20	18.17	19.7
20	64QAM	1	49	18.14	18.08	18.15	
20	64QAM	1	99	18.00	18.02	18.06	
20	64QAM	50	0	18.03	18.03	18.01	19.7
20	64QAM	50	24	17.99	17.96	17.97	
20	64QAM	50	50	17.93	17.90	17.92	
20	64QAM	100	0	17.96	17.94	17.96	
20	256QAM	1	0	17.83	17.92	17.77	19.5
20	256QAM	1	49	17.52	17.50	17.58	
20	256QAM	1	99	17.66	17.70	17.77	
20	256QAM	50	0	17.63	17.74	17.79	19.5
20	256QAM	50	24	17.74	17.77	17.73	
20	256QAM	50	50	17.72	17.71	17.67	
20	256QAM	100	0	17.80	17.64	17.71	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.99	18.02	17.97	19.7
15	QPSK	1	37	17.73	17.74	17.84	
15	QPSK	1	74	17.84	17.84	17.72	
15	QPSK	36	0	17.91	17.96	17.97	19.7
15	QPSK	36	20	17.88	17.92	17.87	
15	QPSK	36	39	17.88	17.83	17.82	
15	QPSK	75	0	17.89	17.94	17.90	
15	16QAM	1	0	18.34	18.31	18.25	19.7
15	16QAM	1	37	18.17	18.18	18.20	
15	16QAM	1	74	18.08	18.10	18.18	
15	16QAM	36	0	17.95	17.94	17.96	19.7
15	16QAM	36	20	17.91	17.93	17.90	
15	16QAM	36	39	17.87	17.88	17.85	
15	16QAM	75	0	17.94	17.91	17.93	
15	64QAM	1	0	18.18	18.17	18.12	19.7
15	64QAM	1	37	18.09	18.05	18.10	
15	64QAM	1	74	17.98	18.00	18.03	
15	64QAM	36	0	17.98	18.01	17.97	19.7
15	64QAM	36	20	17.96	17.91	17.92	
15	64QAM	36	39	17.87	17.86	17.90	
15	64QAM	75	0	17.92	17.91	17.94	
15	256QAM	1	0	17.81	17.90	17.72	19.5
15	256QAM	1	37	17.46	17.44	17.53	
15	256QAM	1	74	17.63	17.67	17.75	
15	256QAM	36	0	17.58	17.69	17.74	19.5
15	256QAM	36	20	17.68	17.75	17.68	

15	256QAM	36	39	17.66	17.68	17.65	
15	256QAM	75	0	17.77	17.59	17.69	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.96	17.98	17.98	19.7
10	QPSK	1	25	17.73	17.70	17.85	
10	QPSK	1	49	17.81	17.83	17.73	
10	QPSK	25	0	17.91	17.96	17.95	19.7
10	QPSK	25	12	17.90	17.91	17.90	
10	QPSK	25	25	17.87	17.86	17.84	
10	QPSK	50	0	17.93	17.93	17.91	
10	16QAM	1	0	18.30	18.28	18.26	19.7
10	16QAM	1	25	18.20	18.15	18.22	
10	16QAM	1	49	18.07	18.07	18.18	
10	16QAM	25	0	17.97	17.96	17.97	19.7
10	16QAM	25	12	17.93	17.90	17.94	
10	16QAM	25	25	17.83	17.85	17.85	
10	16QAM	50	0	17.92	17.90	17.93	
10	64QAM	1	0	18.19	18.16	18.15	19.7
10	64QAM	1	25	18.11	18.05	18.12	
10	64QAM	1	49	17.98	17.96	18.02	
10	64QAM	25	0	18.01	17.98	17.98	19.7
10	64QAM	25	12	17.96	17.94	17.92	
10	64QAM	25	25	17.87	17.85	17.86	
10	64QAM	50	0	17.94	17.88	17.92	
10	256QAM	1	0	17.77	17.86	17.72	19.5
10	256QAM	1	25	17.48	17.45	17.54	
10	256QAM	1	49	17.63	17.66	17.74	
10	256QAM	25	0	17.57	17.68	17.75	19.5
10	256QAM	25	12	17.69	17.75	17.70	
10	256QAM	25	25	17.67	17.68	17.61	
10	256QAM	50	0	17.78	17.62	17.66	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.97	18.02	17.94	19.7
5	QPSK	1	12	17.72	17.71	17.87	
5	QPSK	1	24	17.84	17.83	17.76	
5	QPSK	12	0	17.92	17.99	17.93	19.7
5	QPSK	12	7	17.89	17.93	17.88	
5	QPSK	12	13	17.87	17.87	17.85	
5	QPSK	25	0	17.93	17.93	17.89	
5	16QAM	1	0	18.31	18.30	18.24	19.7
5	16QAM	1	12	18.16	18.18	18.20	
5	16QAM	1	24	18.05	18.06	18.16	
5	16QAM	12	0	17.96	17.96	17.97	19.7
5	16QAM	12	7	17.92	17.91	17.91	
5	16QAM	12	13	17.84	17.88	17.86	
5	16QAM	25	0	17.93	17.90	17.91	
5	64QAM	1	0	18.18	18.18	18.13	19.7
5	64QAM	1	12	18.08	18.02	18.09	
5	64QAM	1	24	17.94	18.00	18.03	
5	64QAM	12	0	17.98	17.98	17.96	19.7
5	64QAM	12	7	17.94	17.90	17.95	
5	64QAM	12	13	17.91	17.85	17.86	
5	64QAM	25	0	17.93	17.91	17.91	
5	256QAM	1	0	17.81	17.89	17.74	19.5
5	256QAM	1	12	17.48	17.48	17.54	
5	256QAM	1	24	17.64	17.67	17.72	
5	256QAM	12	0	17.59	17.70	17.76	19.5
5	256QAM	12	7	17.68	17.71	17.70	
5	256QAM	12	13	17.69	17.67	17.61	
5	256QAM	25	0	17.77	17.58	17.65	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.95	18.02	17.96	19.7
3	QPSK	1	8	17.69	17.72	17.88	
3	QPSK	1	14	17.80	17.80	17.74	
3	QPSK	8	0	17.92	17.95	17.96	19.7
3	QPSK	8	4	17.89	17.95	17.87	
3	QPSK	8	7	17.87	17.85	17.85	
3	QPSK	15	0	17.89	17.90	17.90	
3	16QAM	1	0	18.32	18.31	18.26	19.7
3	16QAM	1	8	18.16	18.19	18.20	
3	16QAM	1	14	18.08	18.10	18.17	
3	16QAM	8	0	17.99	17.94	17.95	19.7
3	16QAM	8	4	17.91	17.90	17.94	
3	16QAM	8	7	17.87	17.88	17.88	
3	16QAM	15	0	17.92	17.91	17.91	
3	64QAM	1	0	18.18	18.15	18.15	19.7
3	64QAM	1	8	18.11	18.05	18.11	
3	64QAM	1	14	17.97	18.00	18.04	
3	64QAM	8	0	18.01	18.01	17.97	19.7
3	64QAM	8	4	17.96	17.90	17.93	
3	64QAM	8	7	17.89	17.87	17.90	
3	64QAM	15	0	17.93	17.88	17.92	
3	256QAM	1	0	17.79	17.87	17.71	19.5
3	256QAM	1	8	17.49	17.45	17.52	
3	256QAM	1	14	17.61	17.68	17.74	
3	256QAM	8	0	17.61	17.72	17.74	19.5
3	256QAM	8	4	17.71	17.75	17.71	
3	256QAM	8	7	17.66	17.68	17.62	
3	256QAM	15	0	17.76	17.60	17.66	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.81	17.74	17.77	19.7
1.4	QPSK	1	3	17.80	17.76	17.69	
1.4	QPSK	1	5	17.80	17.73	17.65	
1.4	QPSK	3	0	17.78	17.74	17.67	
1.4	QPSK	3	1	17.61	17.63	17.54	
1.4	QPSK	3	3	17.72	17.75	17.64	
1.4	QPSK	6	0	17.73	17.74	17.64	19.7
1.4	16QAM	1	0	18.11	18.07	18.02	19.7
1.4	16QAM	1	3	17.88	17.85	17.79	
1.4	16QAM	1	5	18.09	18.08	18.02	
1.4	16QAM	3	0	17.76	17.77	17.69	
1.4	16QAM	3	1	17.82	17.83	17.77	
1.4	16QAM	3	3	17.73	17.74	17.66	
1.4	16QAM	6	0	17.81	17.83	17.73	19.7
1.4	64QAM	1	0	18.01	17.98	17.93	19.7
1.4	64QAM	1	3	17.78	17.76	17.70	
1.4	64QAM	1	5	17.98	17.98	17.89	
1.4	64QAM	3	0	17.83	17.82	17.75	
1.4	64QAM	3	1	17.90	17.90	17.84	
1.4	64QAM	3	3	17.88	17.88	17.83	
1.4	64QAM	6	0	17.73	17.74	17.64	19.7
1.4	256QAM	1	0	17.92	18.01	17.68	19.5
1.4	256QAM	1	3	17.72	17.84	17.63	
1.4	256QAM	1	5	17.84	17.95	17.72	
1.4	256QAM	3	0	17.91	17.91	17.63	
1.4	256QAM	3	1	17.72	17.69	17.73	
1.4	256QAM	3	3	17.78	17.89	17.63	
1.4	256QAM	6	0	17.68	17.69	17.57	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.46	23.47	23.44	24.7
20	QPSK	1	49	23.23	23.34	23.18	
20	QPSK	1	99	23.33	23.26	23.31	
20	QPSK	50	0	22.45	22.45	22.41	23.7
20	QPSK	50	24	22.41	22.38	22.37	
20	QPSK	50	50	22.35	22.32	22.32	
20	QPSK	100	0	22.40	22.37	22.38	
20	16QAM	1	0	22.78	22.74	22.71	23.7
20	16QAM	1	49	22.71	22.60	22.65	
20	16QAM	1	99	22.58	22.54	22.63	
20	16QAM	50	0	21.46	21.41	21.40	22.7
20	16QAM	50	24	21.41	21.32	21.36	
20	16QAM	50	50	21.33	21.28	21.33	
20	16QAM	100	0	21.42	21.32	21.36	
20	64QAM	1	0	21.66	21.59	21.55	22.7
20	64QAM	1	49	21.63	21.50	21.52	
20	64QAM	1	99	21.46	21.39	21.50	
20	64QAM	50	0	20.47	20.41	20.39	21.7
20	64QAM	50	24	20.44	20.35	20.38	
20	64QAM	50	50	20.37	20.30	20.34	
20	64QAM	100	0	20.40	20.33	20.37	
20	256QAM	1	0	18.48	18.49	18.50	19.7
20	256QAM	1	49	18.13	18.17	18.11	
20	256QAM	1	99	18.37	18.42	18.37	
20	256QAM	50	0	18.33	18.35	18.29	19.7
20	256QAM	50	24	18.35	18.38	18.33	
20	256QAM	50	50	18.33	18.36	18.31	
20	256QAM	100	0	18.28	18.34	18.29	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.42	23.36	23.33	24.7
15	QPSK	1	37	23.21	23.13	23.12	
15	QPSK	1	74	23.30	23.21	23.21	
15	QPSK	36	0	22.42	22.31	22.30	23.7
15	QPSK	36	20	22.38	22.26	22.26	
15	QPSK	36	39	22.35	22.25	22.25	
15	QPSK	75	0	22.40	22.28	22.27	
15	16QAM	1	0	22.74	22.61	22.62	23.7
15	16QAM	1	37	22.71	22.54	22.60	
15	16QAM	1	74	22.60	22.44	22.53	
15	16QAM	36	0	21.41	21.26	21.27	22.7
15	16QAM	36	20	21.37	21.21	21.25	
15	16QAM	36	39	21.35	21.16	21.24	
15	16QAM	75	0	21.38	21.19	21.27	
15	64QAM	1	0	21.61	21.45	21.48	22.7
15	64QAM	1	37	21.67	21.50	21.55	
15	64QAM	1	74	21.48	21.32	21.39	
15	64QAM	36	0	20.45	20.29	20.33	21.7
15	64QAM	36	20	20.41	20.24	20.30	
15	64QAM	36	39	20.38	20.21	20.31	
15	64QAM	75	0	20.40	20.21	20.29	
15	256QAM	1	0	18.44	18.42	18.43	19.7
15	256QAM	1	37	18.08	18.10	18.08	
15	256QAM	1	74	18.29	18.35	18.31	
15	256QAM	36	0	18.25	18.27	18.23	19.7
15	256QAM	36	20	18.29	18.30	18.28	

15	256QAM	36	39	18.26	18.33	18.26	
15	256QAM	75	0	18.25	18.26	18.25	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.32	23.30	23.26	24.7
10	QPSK	1	25	23.31	23.24	23.17	
10	QPSK	1	49	23.28	23.22	23.15	
10	QPSK	25	0	22.38	22.33	22.28	23.7
10	QPSK	25	12	22.35	22.30	22.24	
10	QPSK	25	25	22.32	22.28	22.21	
10	QPSK	50	0	22.34	22.30	22.24	
10	16QAM	1	0	22.54	22.56	22.49	23.7
10	16QAM	1	25	22.53	22.49	22.43	
10	16QAM	1	49	22.54	22.48	22.41	
10	16QAM	25	0	21.34	21.28	21.22	22.7
10	16QAM	25	12	21.34	21.26	21.20	
10	16QAM	25	25	21.32	21.24	21.17	
10	16QAM	50	0	21.32	21.24	21.18	
10	64QAM	1	0	21.47	21.40	21.34	22.7
10	64QAM	1	25	21.40	21.31	21.22	
10	64QAM	1	49	21.46	21.36	21.28	
10	64QAM	25	0	20.33	20.29	20.23	21.7
10	64QAM	25	12	20.31	20.27	20.20	
10	64QAM	25	25	20.30	20.23	20.18	
10	64QAM	50	0	20.35	20.28	20.23	
10	256QAM	1	0	18.41	18.45	18.44	19.7
10	256QAM	1	25	18.07	18.09	18.07	
10	256QAM	1	49	18.33	18.39	18.33	
10	256QAM	25	0	18.30	18.28	18.24	19.7
10	256QAM	25	12	18.29	18.31	18.29	
10	256QAM	25	25	18.28	18.28	18.26	
10	256QAM	50	0	18.21	18.30	18.22	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.45	23.23	23.36	24.7
5	QPSK	1	12	23.24	23.19	23.22	
5	QPSK	1	24	23.28	23.22	23.27	
5	QPSK	12	0	22.36	22.26	22.21	23.7
5	QPSK	12	7	22.33	22.25	22.19	
5	QPSK	12	13	22.34	22.26	22.18	
5	QPSK	25	0	22.36	22.29	22.24	
5	16QAM	1	0	22.63	22.61	22.55	23.7
5	16QAM	1	12	22.62	22.55	22.52	
5	16QAM	1	24	22.61	22.54	22.49	
5	16QAM	12	0	21.34	21.24	21.18	22.7
5	16QAM	12	7	21.36	21.23	21.20	
5	16QAM	12	13	21.33	21.21	21.14	
5	16QAM	25	0	21.32	21.20	21.17	
5	64QAM	1	0	21.60	21.48	21.42	22.7
5	64QAM	1	12	21.68	21.54	21.49	
5	64QAM	1	24	21.57	21.42	21.39	
5	64QAM	12	0	20.37	20.29	20.24	21.7
5	64QAM	12	7	20.36	20.29	20.24	
5	64QAM	12	13	20.35	20.27	20.22	
5	64QAM	25	0	20.32	20.22	20.19	
5	256QAM	1	0	18.43	18.46	18.46	19.7
5	256QAM	1	12	18.06	18.09	18.07	
5	256QAM	1	24	18.32	18.36	18.30	
5	256QAM	12	0	18.29	18.31	18.26	19.7
5	256QAM	12	7	18.28	18.35	18.25	
5	256QAM	12	13	18.26	18.29	18.24	
5	256QAM	25	0	18.20	18.30	18.25	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.41	23.34	23.27	24.7
3	QPSK	1	8	23.31	23.24	23.11	
3	QPSK	1	14	23.42	23.24	23.12	
3	QPSK	8	0	22.37	22.28	22.20	23.7
3	QPSK	8	4	22.27	22.18	22.12	
3	QPSK	8	7	22.34	22.25	22.18	
3	QPSK	15	0	22.43	22.35	22.30	
3	16QAM	1	0	22.61	22.59	22.51	23.7
3	16QAM	1	8	22.54	22.48	22.42	
3	16QAM	1	14	22.62	22.55	22.49	
3	16QAM	8	0	21.42	21.29	21.22	22.7
3	16QAM	8	4	21.37	21.25	21.18	
3	16QAM	8	7	21.36	21.24	21.15	
3	16QAM	15	0	21.40	21.29	21.24	
3	64QAM	1	0	21.58	21.43	21.38	22.7
3	64QAM	1	8	21.49	21.35	21.29	
3	64QAM	1	14	21.58	21.44	21.37	
3	64QAM	8	0	20.38	20.28	20.22	21.7
3	64QAM	8	4	20.33	20.25	20.18	
3	64QAM	8	7	20.39	20.30	20.23	
3	64QAM	15	0	20.33	20.22	20.17	
3	256QAM	1	0	18.40	18.42	18.46	19.7
3	256QAM	1	8	18.06	18.11	18.03	
3	256QAM	1	14	18.32	18.34	18.34	
3	256QAM	8	0	18.29	18.28	18.24	19.7
3	256QAM	8	4	18.31	18.33	18.28	
3	256QAM	8	7	18.27	18.33	18.27	
3	256QAM	15	0	18.25	18.29	18.24	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.32	23.21	23.21	24.7
1.4	QPSK	1	3	23.21	23.14	23.15	
1.4	QPSK	1	5	23.24	23.19	23.19	
1.4	QPSK	3	0	23.25	23.21	23.15	
1.4	QPSK	3	1	23.13	23.10	23.02	
1.4	QPSK	3	3	23.26	23.22	23.16	
1.4	QPSK	6	0	22.32	22.26	22.21	23.7
1.4	16QAM	1	0	22.57	22.53	22.46	23.7
1.4	16QAM	1	3	22.47	22.41	22.36	
1.4	16QAM	1	5	22.56	22.50	22.45	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.27	22.25	22.17	
1.4	16QAM	3	3	22.24	22.19	22.13	
1.4	16QAM	6	0	21.35	21.28	21.23	22.7
1.4	64QAM	1	0	21.52	21.40	21.36	22.7
1.4	64QAM	1	3	21.35	21.20	21.14	
1.4	64QAM	1	5	21.50	21.37	21.31	
1.4	64QAM	3	0	21.33	21.24	21.18	
1.4	64QAM	3	1	21.38	21.28	21.22	
1.4	64QAM	3	3	21.39	21.31	21.24	
1.4	64QAM	6	0	20.25	20.18	20.13	21.7
1.4	256QAM	1	0	18.45	18.40	18.44	19.7
1.4	256QAM	1	3	18.27	18.32	18.27	
1.4	256QAM	1	5	18.33	18.40	18.36	
1.4	256QAM	3	0	18.34	18.37	18.34	
1.4	256QAM	3	1	18.30	18.33	18.31	
1.4	256QAM	3	3	18.29	18.32	18.28	
1.4	256QAM	6	0	18.23	18.29	18.24	19.7

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.01	18.04	18.00	19
20	QPSK	1	49	17.75	17.76	17.90	
20	QPSK	1	99	17.86	17.86	17.78	
20	QPSK	50	0	17.96	18.01	17.99	19
20	QPSK	50	24	17.94	17.97	17.92	
20	QPSK	50	50	17.90	17.89	17.88	
20	QPSK	100	0	17.95	17.96	17.93	
20	16QAM	1	0	18.36	18.33	18.30	19
20	16QAM	1	49	18.22	18.21	18.25	
20	16QAM	1	99	18.11	18.12	18.21	
20	16QAM	50	0	18.01	18.00	18.00	19
20	16QAM	50	24	17.95	17.95	17.96	
20	16QAM	50	50	17.89	17.90	17.90	
20	16QAM	100	0	17.96	17.96	17.96	
20	64QAM	1	0	18.22	18.20	18.17	19
20	64QAM	1	49	18.14	18.08	18.15	
20	64QAM	1	99	18.00	18.02	18.06	
20	64QAM	50	0	18.03	18.03	18.01	19
20	64QAM	50	24	17.99	17.96	17.97	
20	64QAM	50	50	17.93	17.90	17.92	
20	64QAM	100	0	17.96	17.94	17.96	
20	256QAM	1	0	17.83	17.92	17.77	19
20	256QAM	1	49	17.52	17.50	17.58	
20	256QAM	1	99	17.66	17.70	17.77	
20	256QAM	50	0	17.63	17.74	17.79	19
20	256QAM	50	24	17.74	17.77	17.73	
20	256QAM	50	50	17.72	17.71	17.67	
20	256QAM	100	0	17.80	17.64	17.71	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.99	18.02	17.97	19
15	QPSK	1	37	17.73	17.74	17.84	
15	QPSK	1	74	17.84	17.84	17.72	
15	QPSK	36	0	17.91	17.96	17.97	19
15	QPSK	36	20	17.88	17.92	17.87	
15	QPSK	36	39	17.88	17.83	17.82	
15	QPSK	75	0	17.89	17.94	17.90	
15	16QAM	1	0	18.34	18.31	18.25	19
15	16QAM	1	37	18.17	18.18	18.20	
15	16QAM	1	74	18.08	18.10	18.18	
15	16QAM	36	0	17.95	17.94	17.96	19
15	16QAM	36	20	17.91	17.93	17.90	
15	16QAM	36	39	17.87	17.88	17.85	
15	16QAM	75	0	17.94	17.91	17.93	
15	64QAM	1	0	18.18	18.17	18.12	19
15	64QAM	1	37	18.09	18.05	18.10	
15	64QAM	1	74	17.98	18.00	18.03	
15	64QAM	36	0	17.98	18.01	17.97	19
15	64QAM	36	20	17.96	17.91	17.92	
15	64QAM	36	39	17.87	17.86	17.90	
15	64QAM	75	0	17.92	17.91	17.94	
15	256QAM	1	0	17.81	17.90	17.72	19
15	256QAM	1	37	17.46	17.44	17.53	
15	256QAM	1	74	17.63	17.67	17.75	
15	256QAM	36	0	17.58	17.69	17.74	19
15	256QAM	36	20	17.68	17.75	17.68	

15	256QAM	36	39	17.66	17.68	17.65	
15	256QAM	75	0	17.77	17.59	17.69	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.96	17.98	17.98	19
10	QPSK	1	25	17.73	17.70	17.85	
10	QPSK	1	49	17.81	17.83	17.73	
10	QPSK	25	0	17.91	17.96	17.95	19
10	QPSK	25	12	17.90	17.91	17.90	
10	QPSK	25	25	17.87	17.86	17.84	
10	QPSK	50	0	17.93	17.93	17.91	
10	16QAM	1	0	18.30	18.28	18.26	19
10	16QAM	1	25	18.20	18.15	18.22	
10	16QAM	1	49	18.07	18.07	18.18	
10	16QAM	25	0	17.97	17.96	17.97	19
10	16QAM	25	12	17.93	17.90	17.94	
10	16QAM	25	25	17.83	17.85	17.85	
10	16QAM	50	0	17.92	17.90	17.93	
10	64QAM	1	0	18.19	18.16	18.15	19
10	64QAM	1	25	18.11	18.05	18.12	
10	64QAM	1	49	17.98	17.96	18.02	
10	64QAM	25	0	18.01	17.98	17.98	19
10	64QAM	25	12	17.96	17.94	17.92	
10	64QAM	25	25	17.87	17.85	17.86	
10	64QAM	50	0	17.94	17.88	17.92	
10	256QAM	1	0	17.77	17.86	17.72	19
10	256QAM	1	25	17.48	17.45	17.54	
10	256QAM	1	49	17.63	17.66	17.74	
10	256QAM	25	0	17.57	17.68	17.75	19
10	256QAM	25	12	17.69	17.75	17.70	
10	256QAM	25	25	17.67	17.68	17.61	
10	256QAM	50	0	17.78	17.62	17.66	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.97	18.02	17.94	19
5	QPSK	1	12	17.72	17.71	17.87	
5	QPSK	1	24	17.84	17.83	17.76	
5	QPSK	12	0	17.92	17.99	17.93	19
5	QPSK	12	7	17.89	17.93	17.88	
5	QPSK	12	13	17.87	17.87	17.85	
5	QPSK	25	0	17.93	17.93	17.89	
5	16QAM	1	0	18.31	18.30	18.24	19
5	16QAM	1	12	18.16	18.18	18.20	
5	16QAM	1	24	18.05	18.06	18.16	
5	16QAM	12	0	17.96	17.96	17.97	19
5	16QAM	12	7	17.92	17.91	17.91	
5	16QAM	12	13	17.84	17.88	17.86	
5	16QAM	25	0	17.93	17.90	17.91	
5	64QAM	1	0	18.18	18.18	18.13	19
5	64QAM	1	12	18.08	18.02	18.09	
5	64QAM	1	24	17.94	18.00	18.03	
5	64QAM	12	0	17.98	17.98	17.96	19
5	64QAM	12	7	17.94	17.90	17.95	
5	64QAM	12	13	17.91	17.85	17.86	
5	64QAM	25	0	17.93	17.91	17.91	
5	256QAM	1	0	17.81	17.89	17.74	19
5	256QAM	1	12	17.48	17.48	17.54	
5	256QAM	1	24	17.64	17.67	17.72	
5	256QAM	12	0	17.59	17.70	17.76	19
5	256QAM	12	7	17.68	17.71	17.70	
5	256QAM	12	13	17.69	17.67	17.61	
5	256QAM	25	0	17.77	17.58	17.65	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	17.95	18.02	17.96	19
3	QPSK	1	8	17.69	17.72	17.88	
3	QPSK	1	14	17.80	17.80	17.74	
3	QPSK	8	0	17.92	17.95	17.96	19
3	QPSK	8	4	17.89	17.95	17.87	
3	QPSK	8	7	17.87	17.85	17.85	
3	QPSK	15	0	17.89	17.90	17.90	
3	16QAM	1	0	18.32	18.31	18.26	19
3	16QAM	1	8	18.16	18.19	18.20	
3	16QAM	1	14	18.08	18.10	18.17	
3	16QAM	8	0	17.99	17.94	17.95	19
3	16QAM	8	4	17.91	17.90	17.94	
3	16QAM	8	7	17.87	17.88	17.88	
3	16QAM	15	0	17.92	17.91	17.91	
3	64QAM	1	0	18.18	18.15	18.15	19
3	64QAM	1	8	18.11	18.05	18.11	
3	64QAM	1	14	17.97	18.00	18.04	
3	64QAM	8	0	18.01	18.01	17.97	19
3	64QAM	8	4	17.96	17.90	17.93	
3	64QAM	8	7	17.89	17.87	17.90	
3	64QAM	15	0	17.93	17.88	17.92	
3	256QAM	1	0	17.79	17.87	17.71	19
3	256QAM	1	8	17.49	17.45	17.52	
3	256QAM	1	14	17.61	17.68	17.74	
3	256QAM	8	0	17.61	17.72	17.74	19
3	256QAM	8	4	17.71	17.75	17.71	
3	256QAM	8	7	17.66	17.68	17.62	
3	256QAM	15	0	17.76	17.60	17.66	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.81	17.74	17.77	19
1.4	QPSK	1	3	17.80	17.76	17.69	
1.4	QPSK	1	5	17.80	17.73	17.65	
1.4	QPSK	3	0	17.78	17.74	17.67	
1.4	QPSK	3	1	17.61	17.63	17.54	
1.4	QPSK	3	3	17.72	17.75	17.64	
1.4	QPSK	6	0	17.73	17.74	17.64	19
1.4	16QAM	1	0	18.11	18.07	18.02	19
1.4	16QAM	1	3	17.88	17.85	17.79	
1.4	16QAM	1	5	18.09	18.08	18.02	
1.4	16QAM	3	0	17.76	17.77	17.69	
1.4	16QAM	3	1	17.82	17.83	17.77	
1.4	16QAM	3	3	17.73	17.74	17.66	
1.4	16QAM	6	0	17.81	17.83	17.73	19
1.4	64QAM	1	0	18.01	17.98	17.93	19
1.4	64QAM	1	3	17.78	17.76	17.70	
1.4	64QAM	1	5	17.98	17.98	17.89	
1.4	64QAM	3	0	17.83	17.82	17.75	
1.4	64QAM	3	1	17.90	17.90	17.84	
1.4	64QAM	3	3	17.88	17.88	17.83	
1.4	64QAM	6	0	17.73	17.74	17.64	19
1.4	256QAM	1	0	17.92	18.01	17.68	19
1.4	256QAM	1	3	17.72	17.84	17.63	
1.4	256QAM	1	5	17.84	17.95	17.72	
1.4	256QAM	3	0	17.91	17.91	17.63	
1.4	256QAM	3	1	17.72	17.69	17.73	
1.4	256QAM	3	3	17.78	17.89	17.63	
1.4	256QAM	6	0	17.68	17.69	17.57	19

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.54	16.55	16.51	18.2
20	QPSK	1	49	16.44	16.42	16.41	
20	QPSK	1	99	16.33	16.31	16.31	
20	QPSK	50	0	16.53	16.51	16.50	18.2
20	QPSK	50	24	16.46	16.46	16.45	
20	QPSK	50	50	16.42	16.39	16.40	
20	QPSK	100	0	16.48	16.50	16.44	
20	16QAM	1	0	16.84	16.87	16.77	18.2
20	16QAM	1	49	16.75	16.69	16.68	
20	16QAM	1	99	16.63	16.58	16.68	
20	16QAM	50	0	16.53	16.49	16.47	18.2
20	16QAM	50	24	16.46	16.42	16.43	
20	16QAM	50	50	16.40	16.35	16.40	
20	16QAM	100	0	16.47	16.43	16.45	
20	64QAM	1	0	16.74	16.72	16.63	18.2
20	64QAM	1	49	16.69	16.59	16.60	
20	64QAM	1	99	16.49	16.46	16.58	
20	64QAM	50	0	16.54	16.50	16.49	18.2
20	64QAM	50	24	16.49	16.46	16.46	
20	64QAM	50	50	16.42	16.38	16.43	
20	64QAM	100	0	16.47	16.40	16.45	
20	256QAM	1	0	16.65	16.69	16.62	18.2
20	256QAM	1	49	16.61	16.52	16.51	
20	256QAM	1	99	16.45	16.40	16.55	
20	256QAM	50	0	16.45	16.40	16.45	18.2
20	256QAM	50	24	16.47	16.44	16.42	
20	256QAM	50	50	16.40	16.35	16.41	
20	256QAM	100	0	16.37	16.37	16.43	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.53	16.54	16.47	18.2
15	QPSK	1	37	16.35	16.41	16.31	
15	QPSK	1	74	16.37	16.37	16.37	
15	QPSK	36	0	16.44	16.42	16.46	18.2
15	QPSK	36	20	16.41	16.41	16.41	
15	QPSK	36	39	16.40	16.38	16.31	
15	QPSK	75	0	16.46	16.48	16.38	
15	16QAM	1	0	16.78	16.81	16.70	18.2
15	16QAM	1	37	16.73	16.66	16.65	
15	16QAM	1	74	16.62	16.53	16.58	
15	16QAM	36	0	16.43	16.48	16.40	18.2
15	16QAM	36	20	16.44	16.32	16.35	
15	16QAM	36	39	16.39	16.30	16.39	
15	16QAM	75	0	16.41	16.34	16.36	
15	64QAM	1	0	16.68	16.62	16.58	18.2
15	64QAM	1	37	16.67	16.50	16.57	
15	64QAM	1	74	16.40	16.44	16.51	
15	64QAM	36	0	16.48	16.49	16.45	18.2
15	64QAM	36	20	16.46	16.45	16.44	
15	64QAM	36	39	16.40	16.30	16.42	
15	64QAM	75	0	16.41	16.35	16.44	
15	256QAM	1	0	16.62	16.61	16.60	18.2
15	256QAM	1	37	16.60	16.50	16.43	
15	256QAM	1	74	16.43	16.32	16.52	
15	256QAM	36	0	16.42	16.35	16.38	18.2
15	256QAM	36	20	16.40	16.39	16.40	

15	256QAM	36	39	16.37	16.32	16.37	
15	256QAM	75	0	16.33	16.35	16.37	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.52	16.53	16.43	18.2
10	QPSK	1	25	16.40	16.35	16.31	
10	QPSK	1	49	16.36	16.38	16.30	
10	QPSK	25	0	16.49	16.42	16.46	18.2
10	QPSK	25	12	16.42	16.43	16.41	
10	QPSK	25	25	16.33	16.34	16.34	
10	QPSK	50	0	16.39	16.44	16.37	
10	16QAM	1	0	16.83	16.76	16.73	18.2
10	16QAM	1	25	16.72	16.62	16.63	
10	16QAM	1	49	16.59	16.53	16.59	
10	16QAM	25	0	16.51	16.47	16.46	18.2
10	16QAM	25	12	16.38	16.33	16.42	
10	16QAM	25	25	16.38	16.31	16.37	
10	16QAM	50	0	16.37	16.40	16.37	
10	64QAM	1	0	16.73	16.66	16.55	18.2
10	64QAM	1	25	16.68	16.50	16.56	
10	64QAM	1	49	16.39	16.36	16.54	
10	64QAM	25	0	16.49	16.46	16.45	18.2
10	64QAM	25	12	16.41	16.39	16.41	
10	64QAM	25	25	16.41	16.34	16.37	
10	64QAM	50	0	16.41	16.37	16.37	
10	256QAM	1	0	16.63	16.63	16.60	18.2
10	256QAM	1	25	16.53	16.44	16.41	
10	256QAM	1	49	16.42	16.31	16.50	
10	256QAM	25	0	16.36	16.35	16.41	18.2
10	256QAM	25	12	16.42	16.43	16.41	
10	256QAM	25	25	16.33	16.38	16.38	
10	256QAM	50	0	16.33	16.33	16.33	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.49	16.54	16.48	18.2
5	QPSK	1	12	16.42	16.38	16.33	
5	QPSK	1	24	16.30	16.30	16.31	
5	QPSK	12	0	16.47	16.45	16.48	18.2
5	QPSK	12	7	16.40	16.36	16.35	
5	QPSK	12	13	16.32	16.36	16.30	
5	QPSK	25	0	16.42	16.49	16.43	
5	16QAM	1	0	16.79	16.76	16.70	18.2
5	16QAM	1	12	16.69	16.60	16.62	
5	16QAM	1	24	16.57	16.56	16.61	
5	16QAM	12	0	16.45	16.42	16.42	18.2
5	16QAM	12	7	16.39	16.34	16.40	
5	16QAM	12	13	16.30	16.37	16.31	
5	16QAM	25	0	16.39	16.41	16.37	
5	64QAM	1	0	16.66	16.69	16.53	18.2
5	64QAM	1	12	16.62	16.50	16.51	
5	64QAM	1	24	16.42	16.40	16.51	
5	64QAM	12	0	16.44	16.47	16.48	18.2
5	64QAM	12	7	16.46	16.43	16.45	
5	64QAM	12	13	16.36	16.33	16.34	
5	64QAM	25	0	16.38	16.30	16.41	
5	256QAM	1	0	16.59	16.65	16.60	18.2
5	256QAM	1	12	16.51	16.42	16.46	
5	256QAM	1	24	16.43	16.39	16.49	
5	256QAM	12	0	16.36	16.36	16.44	18.2
5	256QAM	12	7	16.42	16.34	16.32	
5	256QAM	12	13	16.35	16.38	16.40	
5	256QAM	25	0	16.30	16.32	16.38	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	16.51	16.53	16.41	18.2
3	QPSK	1	8	16.41	16.41	16.31	
3	QPSK	1	14	16.36	16.37	16.31	
3	QPSK	8	0	16.43	16.48	16.42	18.2
3	QPSK	8	4	16.41	16.41	16.39	
3	QPSK	8	7	16.33	16.35	16.35	
3	QPSK	15	0	16.47	16.42	16.36	
3	16QAM	1	0	16.80	16.80	16.72	18.2
3	16QAM	1	8	16.67	16.64	16.59	
3	16QAM	1	14	16.59	16.53	16.60	
3	16QAM	8	0	16.49	16.44	16.44	18.2
3	16QAM	8	4	16.41	16.40	16.36	
3	16QAM	8	7	16.32	16.35	16.31	
3	16QAM	15	0	16.42	16.39	16.38	
3	64QAM	1	0	16.67	16.70	16.60	18.2
3	64QAM	1	8	16.63	16.55	16.57	
3	64QAM	1	14	16.45	16.42	16.51	
3	64QAM	8	0	16.46	16.44	16.44	18.2
3	64QAM	8	4	16.43	16.42	16.40	
3	64QAM	8	7	16.38	16.33	16.35	
3	64QAM	15	0	16.37	16.33	16.36	
3	256QAM	1	0	16.56	16.64	16.58	18.2
3	256QAM	1	8	16.56	16.46	16.44	
3	256QAM	1	14	16.37	16.35	16.51	
3	256QAM	8	0	16.44	16.30	16.44	18.2
3	256QAM	8	4	16.39	16.40	16.36	
3	256QAM	8	7	16.30	16.35	16.39	
3	256QAM	15	0	16.34	16.32	16.39	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	16.54	16.35	16.49	18.2
1.4	QPSK	1	3	16.50	16.33	16.40	
1.4	QPSK	1	5	16.52	16.35	16.36	
1.4	QPSK	3	0	16.51	16.34	16.35	
1.4	QPSK	3	1	16.53	16.30	16.31	
1.4	QPSK	3	3	16.46	16.36	16.35	
1.4	QPSK	6	0	16.43	16.37	16.36	18.2
1.4	16QAM	1	0	16.79	16.68	16.72	18.2
1.4	16QAM	1	3	16.65	16.57	16.59	
1.4	16QAM	1	5	16.82	16.65	16.73	
1.4	16QAM	3	0	16.44	16.35	16.37	
1.4	16QAM	3	1	16.49	16.39	16.42	
1.4	16QAM	3	3	16.43	16.34	16.38	
1.4	16QAM	6	0	16.53	16.46	16.44	18.2
1.4	64QAM	1	0	16.70	16.58	16.62	18.2
1.4	64QAM	1	3	16.50	16.38	16.42	
1.4	64QAM	1	5	16.72	16.55	16.62	
1.4	64QAM	3	0	16.55	16.42	16.47	
1.4	64QAM	3	1	16.58	16.47	16.51	
1.4	64QAM	3	3	16.57	16.47	16.50	
1.4	64QAM	6	0	16.46	16.36	16.36	18.2
1.4	256QAM	1	0	16.63	16.56	16.60	18.2
1.4	256QAM	1	3	16.41	16.31	16.37	
1.4	256QAM	1	5	16.62	16.50	16.53	
1.4	256QAM	3	0	16.52	16.32	16.45	
1.4	256QAM	3	1	16.55	16.45	16.48	
1.4	256QAM	3	3	16.52	16.46	16.40	
1.4	256QAM	6	0	16.40	16.31	16.26	18.2

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.39	23.44	23.40	24.5
20	QPSK	1	49	23.29	23.21	23.28	
20	QPSK	1	99	23.19	23.14	23.18	
20	QPSK	50	0	22.38	22.41	22.38	23.5
20	QPSK	50	24	22.34	22.35	22.34	
20	QPSK	50	50	22.30	22.30	22.27	
20	QPSK	100	0	22.37	22.35	22.35	
20	16QAM	1	0	22.74	22.75	22.68	23.5
20	16QAM	1	49	22.64	22.59	22.64	
20	16QAM	1	99	22.53	22.52	22.60	
20	16QAM	50	0	21.40	21.39	21.37	22.5
20	16QAM	50	24	21.36	21.36	21.33	
20	16QAM	50	50	21.30	21.31	21.29	
20	16QAM	100	0	21.37	21.35	21.35	
20	64QAM	1	0	21.64	21.65	21.58	22.5
20	64QAM	1	49	21.60	21.54	21.55	
20	64QAM	1	99	21.40	21.42	21.43	
20	64QAM	50	0	20.44	20.44	20.41	21.5
20	64QAM	50	24	20.41	20.38	20.39	
20	64QAM	50	50	20.35	20.33	20.35	
20	64QAM	100	0	20.39	20.33	20.38	
20	256QAM	1	0	18.65	18.66	18.66	19.5
20	256QAM	1	49	18.36	18.37	18.37	
20	256QAM	1	99	18.56	18.57	18.57	
20	256QAM	50	0	18.53	18.54	18.54	19.5
20	256QAM	50	24	18.53	18.54	18.54	
20	256QAM	50	50	18.48	18.49	18.49	
20	256QAM	100	0	18.52	18.53	18.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.30	23.33	23.32	24.5
15	QPSK	1	37	23.21	23.11	23.11	
15	QPSK	1	74	23.24	23.12	23.18	
15	QPSK	36	0	22.38	22.29	22.28	23.5
15	QPSK	36	20	22.33	22.22	22.26	
15	QPSK	36	39	22.31	22.19	22.22	
15	QPSK	75	0	22.36	22.21	22.27	
15	16QAM	1	0	22.76	22.61	22.61	23.5
15	16QAM	1	37	22.69	22.51	22.64	
15	16QAM	1	74	22.57	22.43	22.53	
15	16QAM	36	0	21.37	21.25	21.30	22.5
15	16QAM	36	20	21.34	21.20	21.25	
15	16QAM	36	39	21.30	21.17	21.23	
15	16QAM	75	0	21.35	21.21	21.27	
15	64QAM	1	0	21.63	21.47	21.51	22.5
15	64QAM	1	37	21.68	21.48	21.59	
15	64QAM	1	74	21.39	21.29	21.38	
15	64QAM	36	0	20.43	20.26	20.33	21.5
15	64QAM	36	20	20.35	20.20	20.29	
15	64QAM	36	39	20.31	20.16	20.26	
15	64QAM	75	0	20.33	20.17	20.28	
15	256QAM	1	0	18.61	18.65	18.60	19.5
15	256QAM	1	37	18.32	18.31	18.32	
15	256QAM	1	74	18.53	18.52	18.52	
15	256QAM	36	0	18.51	18.53	18.53	19.5
15	256QAM	36	20	18.51	18.46	18.51	

15	256QAM	36	39	18.42	18.48	18.49	
15	256QAM	75	0	18.46	18.47	18.44	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.30	23.26	23.22	24.5
10	QPSK	1	25	23.31	23.22	23.15	
10	QPSK	1	49	23.26	23.21	23.15	
10	QPSK	25	0	22.33	22.27	22.22	23.5
10	QPSK	25	12	22.33	22.23	22.20	
10	QPSK	25	25	22.30	22.22	22.17	
10	QPSK	50	0	22.33	22.25	22.20	
10	16QAM	1	0	22.65	22.52	22.51	23.5
10	16QAM	1	25	22.59	22.45	22.48	
10	16QAM	1	49	22.54	22.44	22.46	
10	16QAM	25	0	21.33	21.24	21.22	22.5
10	16QAM	25	12	21.31	21.20	21.19	
10	16QAM	25	25	21.30	21.18	21.18	
10	16QAM	50	0	21.30	21.20	21.21	
10	64QAM	1	0	21.47	21.36	21.38	22.5
10	64QAM	1	25	21.39	21.31	21.33	
10	64QAM	1	49	21.39	21.30	21.32	
10	64QAM	25	0	20.33	20.23	20.24	21.5
10	64QAM	25	12	20.32	20.21	20.22	
10	64QAM	25	25	20.29	20.19	20.19	
10	64QAM	50	0	20.35	20.23	20.25	
10	256QAM	1	0	18.65	18.62	18.65	19.5
10	256QAM	1	25	18.28	18.34	18.28	
10	256QAM	1	49	18.53	18.57	18.47	
10	256QAM	25	0	18.48	18.51	18.46	19.5
10	256QAM	25	12	18.43	18.52	18.45	
10	256QAM	25	25	18.39	18.45	18.41	
10	256QAM	50	0	18.47	18.48	18.50	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.30	23.22	23.29	24.5
5	QPSK	1	12	23.26	23.16	23.12	
5	QPSK	1	24	23.32	23.18	23.11	
5	QPSK	12	0	22.31	22.22	22.19	23.5
5	QPSK	12	7	22.26	22.22	22.18	
5	QPSK	12	13	22.28	22.24	22.17	
5	QPSK	25	0	22.27	22.25	22.19	
5	16QAM	1	0	22.65	22.54	22.57	23.5
5	16QAM	1	12	22.66	22.56	22.55	
5	16QAM	1	24	22.60	22.51	22.48	
5	16QAM	12	0	21.31	21.20	21.22	22.5
5	16QAM	12	7	21.33	21.22	21.25	
5	16QAM	12	13	21.31	21.20	21.20	
5	16QAM	25	0	21.27	21.19	21.16	
5	64QAM	1	0	21.53	21.43	21.44	22.5
5	64QAM	1	12	21.63	21.55	21.55	
5	64QAM	1	24	21.46	21.36	21.36	
5	64QAM	12	0	20.37	20.27	20.28	21.5
5	64QAM	12	7	20.39	20.26	20.28	
5	64QAM	12	13	20.38	20.25	20.24	
5	64QAM	25	0	20.31	20.21	20.20	
5	256QAM	1	0	18.58	18.57	18.65	19.5
5	256QAM	1	12	18.35	18.30	18.36	
5	256QAM	1	24	18.47	18.48	18.56	
5	256QAM	12	0	18.52	18.45	18.47	19.5
5	256QAM	12	7	18.48	18.45	18.48	
5	256QAM	12	13	18.42	18.40	18.47	
5	256QAM	25	0	18.43	18.43	18.53	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.31	23.29	23.26	24.5
3	QPSK	1	8	23.15	23.19	23.15	
3	QPSK	1	14	23.19	23.19	23.23	
3	QPSK	8	0	22.25	22.22	22.17	23.5
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.25	22.22	22.15	
3	QPSK	15	0	22.31	22.26	22.19	
3	16QAM	1	0	22.65	22.52	22.51	23.5
3	16QAM	1	8	22.57	22.46	22.46	
3	16QAM	1	14	22.62	22.53	22.56	
3	16QAM	8	0	21.33	21.25	21.25	22.5
3	16QAM	8	4	21.31	21.20	21.21	
3	16QAM	8	7	21.29	21.21	21.20	
3	16QAM	15	0	21.31	21.27	21.21	
3	64QAM	1	0	21.53	21.44	21.42	22.5
3	64QAM	1	8	21.42	21.36	21.32	
3	64QAM	1	14	21.52	21.41	21.43	
3	64QAM	8	0	20.36	20.25	20.23	21.5
3	64QAM	8	4	20.30	20.21	20.18	
3	64QAM	8	7	20.37	20.25	20.25	
3	64QAM	15	0	20.26	20.18	20.14	
3	256QAM	1	0	18.57	18.64	18.58	19.5
3	256QAM	1	8	18.30	18.27	18.31	
3	256QAM	1	14	18.56	18.56	18.53	
3	256QAM	8	0	18.46	18.51	18.47	19.5
3	256QAM	8	4	18.50	18.51	18.53	
3	256QAM	8	7	18.47	18.43	18.49	
3	256QAM	15	0	18.42	18.49	18.53	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.24	23.19	23.22	24.5
1.4	QPSK	1	3	23.18	23.13	23.09	
1.4	QPSK	1	5	23.25	23.20	23.13	
1.4	QPSK	3	0	23.21	23.22	23.11	
1.4	QPSK	3	1	23.10	23.11	23.00	
1.4	QPSK	3	3	23.20	23.21	23.11	
1.4	QPSK	6	0	22.26	22.21	22.11	23.5
1.4	16QAM	1	0	22.64	22.51	22.52	23.5
1.4	16QAM	1	3	22.58	22.45	22.42	
1.4	16QAM	1	5	22.60	22.50	22.49	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.26	22.22	22.16	
1.4	16QAM	3	3	22.25	22.17	22.11	
1.4	16QAM	6	0	21.32	21.25	21.22	22.5
1.4	64QAM	1	0	21.51	21.35	21.40	22.5
1.4	64QAM	1	3	21.37	21.19	21.23	
1.4	64QAM	1	5	21.50	21.35	21.39	
1.4	64QAM	3	0	21.31	21.24	21.22	
1.4	64QAM	3	1	21.35	21.26	21.25	
1.4	64QAM	3	3	21.40	21.29	21.27	
1.4	64QAM	6	0	20.24	20.16	20.11	21.5
1.4	256QAM	1	0	18.62	18.62	18.48	19.5
1.4	256QAM	1	3	18.47	18.47	18.33	
1.4	256QAM	1	5	18.64	18.64	18.50	
1.4	256QAM	3	0	18.55	18.55	18.41	
1.4	256QAM	3	1	18.48	18.48	18.34	
1.4	256QAM	3	3	18.52	18.52	18.38	
1.4	256QAM	6	0	18.44	18.44	18.30	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.22	18.24	18.21	19.8
20	QPSK	1	49	17.96	17.96	17.96	
20	QPSK	1	99	18.00	18.02	18.04	
20	QPSK	50	0	18.22	18.23	18.18	19.8
20	QPSK	50	24	18.15	18.15	18.13	
20	QPSK	50	50	18.09	18.10	18.09	
20	QPSK	100	0	18.16	18.17	18.13	
20	16QAM	1	0	18.46	18.47	18.44	19.8
20	16QAM	1	49	18.42	18.32	18.36	
20	16QAM	1	99	18.29	18.25	18.32	
20	16QAM	50	0	18.18	18.16	18.13	19.8
20	16QAM	50	24	18.13	18.09	18.09	
20	16QAM	50	50	18.08	18.03	18.04	
20	16QAM	100	0	18.13	18.09	18.10	
20	64QAM	1	0	18.38	18.35	18.29	19.8
20	64QAM	1	49	18.32	18.26	18.24	
20	64QAM	1	99	18.17	18.11	18.20	
20	64QAM	50	0	18.21	18.16	18.15	19.8
20	64QAM	50	24	18.15	18.11	18.12	
20	64QAM	50	50	18.10	18.04	18.07	
20	64QAM	100	0	18.13	18.07	18.08	
20	256QAM	1	0	18.28	18.34	18.20	19.7
20	256QAM	1	49	18.31	18.19	18.21	
20	256QAM	1	99	18.09	18.02	18.12	
20	256QAM	50	0	18.14	18.06	18.14	19.7
20	256QAM	50	24	18.08	18.06	18.10	
20	256QAM	50	50	18.01	18.02	18.05	
20	256QAM	100	0	18.05	17.98	18.05	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.17	18.22	18.20	19.8
15	QPSK	1	37	17.90	17.94	17.93	
15	QPSK	1	74	17.97	17.93	17.94	
15	QPSK	36	0	18.17	18.22	18.08	19.8
15	QPSK	36	20	18.13	18.12	18.07	
15	QPSK	36	39	18.00	18.09	17.99	
15	QPSK	75	0	18.08	18.16	18.06	
15	16QAM	1	0	18.40	18.37	18.35	19.8
15	16QAM	1	37	18.34	18.28	18.29	
15	16QAM	1	74	18.22	18.23	18.23	
15	16QAM	36	0	18.08	18.11	18.07	19.8
15	16QAM	36	20	18.05	18.03	18.01	
15	16QAM	36	39	18.00	18.02	17.94	
15	16QAM	75	0	18.07	18.05	18.01	
15	64QAM	1	0	18.29	18.30	18.20	19.8
15	64QAM	1	37	18.25	18.22	18.23	
15	64QAM	1	74	18.14	18.05	18.18	
15	64QAM	36	0	18.16	18.09	18.13	19.8
15	64QAM	36	20	18.11	18.09	18.03	
15	64QAM	36	39	18.05	17.96	18.00	
15	64QAM	75	0	18.04	18.00	18.07	
15	256QAM	1	0	18.26	18.31	18.15	19.7
15	256QAM	1	37	18.30	18.09	18.14	
15	256QAM	1	74	18.03	18.01	18.03	
15	256QAM	36	0	18.04	17.97	18.06	19.7
15	256QAM	36	20	18.07	17.98	18.06	

15	256QAM	36	39	17.98	18.00	17.99	
15	256QAM	75	0	17.99	17.97	18.00	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.12	18.16	18.13	19.8
10	QPSK	1	25	17.95	17.92	17.91	
10	QPSK	1	49	17.92	17.93	17.95	
10	QPSK	25	0	18.16	18.15	18.17	19.8
10	QPSK	25	12	18.14	18.12	18.07	
10	QPSK	25	25	18.08	18.09	18.03	
10	QPSK	50	0	18.08	18.16	18.05	
10	16QAM	1	0	18.40	18.38	18.41	19.8
10	16QAM	1	25	18.37	18.25	18.29	
10	16QAM	1	49	18.24	18.19	18.31	
10	16QAM	25	0	18.17	18.12	18.09	19.8
10	16QAM	25	12	18.08	18.02	18.07	
10	16QAM	25	25	18.01	18.01	18.01	
10	16QAM	50	0	18.03	18.02	18.04	
10	64QAM	1	0	18.30	18.33	18.22	19.8
10	64QAM	1	25	18.24	18.21	18.17	
10	64QAM	1	49	18.11	18.03	18.18	
10	64QAM	25	0	18.17	18.10	18.10	19.8
10	64QAM	25	12	18.14	18.02	18.03	
10	64QAM	25	25	18.03	18.02	17.97	
10	64QAM	50	0	18.10	18.00	18.05	
10	256QAM	1	0	18.24	18.27	18.12	19.7
10	256QAM	1	25	18.28	18.09	18.19	
10	256QAM	1	49	17.99	17.93	18.10	
10	256QAM	25	0	18.12	18.05	18.06	19.7
10	256QAM	25	12	18.03	17.97	18.08	
10	256QAM	25	25	17.99	17.98	17.98	
10	256QAM	50	0	18.04	17.95	18.01	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.16	18.22	18.13	19.8
5	QPSK	1	12	17.94	17.92	17.93	
5	QPSK	1	24	17.97	17.98	17.97	
5	QPSK	12	0	18.13	18.13	18.08	19.8
5	QPSK	12	7	18.10	18.08	18.03	
5	QPSK	12	13	18.02	18.00	18.04	
5	QPSK	25	0	18.13	18.10	18.07	
5	16QAM	1	0	18.38	18.43	18.41	19.8
5	16QAM	1	12	18.35	18.28	18.27	
5	16QAM	1	24	18.24	18.18	18.26	
5	16QAM	12	0	18.10	18.14	18.03	19.8
5	16QAM	12	7	18.03	18.02	18.07	
5	16QAM	12	13	18.02	18.00	17.96	
5	16QAM	25	0	18.11	18.03	18.00	
5	64QAM	1	0	18.29	18.33	18.25	19.8
5	64QAM	1	12	18.30	18.21	18.14	
5	64QAM	1	24	18.09	18.08	18.16	
5	64QAM	12	0	18.11	18.12	18.14	19.8
5	64QAM	12	7	18.13	18.08	18.07	
5	64QAM	12	13	18.08	17.94	18.02	
5	64QAM	25	0	18.12	18.05	18.04	
5	256QAM	1	0	18.19	18.30	18.12	19.7
5	256QAM	1	12	18.25	18.18	18.20	
5	256QAM	1	24	18.04	17.95	18.09	
5	256QAM	12	0	18.06	18.05	18.06	19.7
5	256QAM	12	7	17.99	17.98	18.02	
5	256QAM	12	13	17.98	17.96	18.01	
5	256QAM	25	0	18.04	17.95	17.99	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.19	18.17	18.17	19.8
3	QPSK	1	8	17.90	17.91	17.95	
3	QPSK	1	14	17.91	17.97	17.96	
3	QPSK	8	0	18.19	18.13	18.16	19.8
3	QPSK	8	4	18.13	18.09	18.09	
3	QPSK	8	7	18.02	18.05	18.06	
3	QPSK	15	0	18.10	18.14	18.04	
3	16QAM	1	0	18.43	18.45	18.40	19.8
3	16QAM	1	8	18.33	18.22	18.34	
3	16QAM	1	14	18.22	18.20	18.24	
3	16QAM	8	0	18.09	18.09	18.04	19.8
3	16QAM	8	4	18.05	18.02	18.02	
3	16QAM	8	7	18.00	17.97	18.03	
3	16QAM	15	0	18.10	18.00	18.03	
3	64QAM	1	0	18.35	18.33	18.23	19.8
3	64QAM	1	8	18.31	18.20	18.23	
3	64QAM	1	14	18.08	18.08	18.15	
3	64QAM	8	0	18.18	18.06	18.07	19.8
3	64QAM	8	4	18.13	18.10	18.06	
3	64QAM	8	7	18.05	18.01	17.99	
3	64QAM	15	0	18.03	18.03	18.03	
3	256QAM	1	0	18.19	18.32	18.15	19.7
3	256QAM	1	8	18.23	18.11	18.15	
3	256QAM	1	14	18.00	17.93	18.03	
3	256QAM	8	0	18.07	18.03	18.13	19.7
3	256QAM	8	4	18.05	18.05	18.00	
3	256QAM	8	7	17.97	17.93	18.01	
3	256QAM	15	0	17.98	17.93	18.04	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.21	18.13	18.06	19.8
1.4	QPSK	1	3	18.16	18.08	18.01	
1.4	QPSK	1	5	18.13	18.09	18.05	
1.4	QPSK	3	0	18.12	18.09	18.04	
1.4	QPSK	3	1	18.01	17.93	17.93	
1.4	QPSK	3	3	18.15	18.07	18.05	
1.4	QPSK	6	0	18.17	18.08	18.07	19.8
1.4	16QAM	1	0	18.25	18.40	18.42	19.8
1.4	16QAM	1	3	18.40	18.30	18.33	
1.4	16QAM	1	5	18.26	18.42	18.41	
1.4	16QAM	3	0	18.13	18.03	18.06	
1.4	16QAM	3	1	18.21	18.10	18.11	
1.4	16QAM	3	3	18.15	18.06	18.05	
1.4	16QAM	6	0	18.24	18.12	18.14	19.8
1.4	64QAM	1	0	18.43	18.31	18.32	19.8
1.4	64QAM	1	3	18.23	18.13	18.13	
1.4	64QAM	1	5	18.42	18.31	18.33	
1.4	64QAM	3	0	18.23	18.14	18.15	
1.4	64QAM	3	1	18.30	18.18	18.20	
1.4	64QAM	3	3	18.30	18.22	18.21	
1.4	64QAM	6	0	18.15	18.05	18.06	19.8
1.4	256QAM	1	0	18.41	18.29	18.22	19.7
1.4	256QAM	1	3	18.20	18.11	18.11	
1.4	256QAM	1	5	18.32	18.26	18.24	
1.4	256QAM	3	0	18.13	18.07	18.08	
1.4	256QAM	3	1	18.23	18.08	18.11	
1.4	256QAM	3	3	18.20	18.12	18.20	
1.4	256QAM	6	0	18.09	18.04	18.02	19.7

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.39	23.44	23.40	24.5
20	QPSK	1	49	23.29	23.21	23.28	
20	QPSK	1	99	23.19	23.14	23.18	
20	QPSK	50	0	22.38	22.41	22.38	23.5
20	QPSK	50	24	22.34	22.35	22.34	
20	QPSK	50	50	22.30	22.30	22.27	
20	QPSK	100	0	22.37	22.35	22.35	
20	16QAM	1	0	22.74	22.75	22.68	23.5
20	16QAM	1	49	22.64	22.59	22.64	
20	16QAM	1	99	22.53	22.52	22.60	
20	16QAM	50	0	21.40	21.39	21.37	22.5
20	16QAM	50	24	21.36	21.36	21.33	
20	16QAM	50	50	21.30	21.31	21.29	
20	16QAM	100	0	21.37	21.35	21.35	
20	64QAM	1	0	21.64	21.65	21.58	22.5
20	64QAM	1	49	21.60	21.54	21.55	
20	64QAM	1	99	21.40	21.42	21.43	
20	64QAM	50	0	20.44	20.44	20.41	21.5
20	64QAM	50	24	20.41	20.38	20.39	
20	64QAM	50	50	20.35	20.33	20.35	
20	64QAM	100	0	20.39	20.33	20.38	
20	256QAM	1	0	18.65	18.66	18.66	19.5
20	256QAM	1	49	18.36	18.37	18.37	
20	256QAM	1	99	18.56	18.57	18.57	
20	256QAM	50	0	18.53	18.54	18.54	19.5
20	256QAM	50	24	18.53	18.54	18.54	
20	256QAM	50	50	18.48	18.49	18.49	
20	256QAM	100	0	18.52	18.53	18.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.30	23.33	23.32	24.5
15	QPSK	1	37	23.21	23.11	23.11	
15	QPSK	1	74	23.24	23.12	23.18	
15	QPSK	36	0	22.38	22.29	22.28	23.5
15	QPSK	36	20	22.33	22.22	22.26	
15	QPSK	36	39	22.31	22.19	22.22	
15	QPSK	75	0	22.36	22.21	22.27	
15	16QAM	1	0	22.76	22.61	22.61	23.5
15	16QAM	1	37	22.69	22.51	22.64	
15	16QAM	1	74	22.57	22.43	22.53	
15	16QAM	36	0	21.37	21.25	21.30	22.5
15	16QAM	36	20	21.34	21.20	21.25	
15	16QAM	36	39	21.30	21.17	21.23	
15	16QAM	75	0	21.35	21.21	21.27	
15	64QAM	1	0	21.63	21.47	21.51	22.5
15	64QAM	1	37	21.68	21.48	21.59	
15	64QAM	1	74	21.39	21.29	21.38	
15	64QAM	36	0	20.43	20.26	20.33	21.5
15	64QAM	36	20	20.35	20.20	20.29	
15	64QAM	36	39	20.31	20.16	20.26	
15	64QAM	75	0	20.33	20.17	20.28	
15	256QAM	1	0	18.61	18.65	18.60	19.5
15	256QAM	1	37	18.32	18.31	18.32	
15	256QAM	1	74	18.53	18.52	18.52	
15	256QAM	36	0	18.51	18.53	18.53	19.5
15	256QAM	36	20	18.51	18.46	18.51	

15	256QAM	36	39	18.42	18.48	18.49	
15	256QAM	75	0	18.46	18.47	18.44	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.30	23.26	23.22	24.5
10	QPSK	1	25	23.31	23.22	23.15	
10	QPSK	1	49	23.26	23.21	23.15	
10	QPSK	25	0	22.33	22.27	22.22	23.5
10	QPSK	25	12	22.33	22.23	22.20	
10	QPSK	25	25	22.30	22.22	22.17	
10	QPSK	50	0	22.33	22.25	22.20	
10	16QAM	1	0	22.65	22.52	22.51	23.5
10	16QAM	1	25	22.59	22.45	22.48	
10	16QAM	1	49	22.54	22.44	22.46	
10	16QAM	25	0	21.33	21.24	21.22	22.5
10	16QAM	25	12	21.31	21.20	21.19	
10	16QAM	25	25	21.30	21.18	21.18	
10	16QAM	50	0	21.30	21.20	21.21	
10	64QAM	1	0	21.47	21.36	21.38	22.5
10	64QAM	1	25	21.39	21.31	21.33	
10	64QAM	1	49	21.39	21.30	21.32	
10	64QAM	25	0	20.33	20.23	20.24	21.5
10	64QAM	25	12	20.32	20.21	20.22	
10	64QAM	25	25	20.29	20.19	20.19	
10	64QAM	50	0	20.35	20.23	20.25	
10	256QAM	1	0	18.65	18.62	18.65	19.5
10	256QAM	1	25	18.28	18.34	18.28	
10	256QAM	1	49	18.53	18.57	18.47	
10	256QAM	25	0	18.48	18.51	18.46	19.5
10	256QAM	25	12	18.43	18.52	18.45	
10	256QAM	25	25	18.39	18.45	18.41	
10	256QAM	50	0	18.47	18.48	18.50	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.30	23.22	23.29	24.5
5	QPSK	1	12	23.26	23.16	23.12	
5	QPSK	1	24	23.32	23.18	23.11	
5	QPSK	12	0	22.31	22.22	22.19	23.5
5	QPSK	12	7	22.26	22.22	22.18	
5	QPSK	12	13	22.28	22.24	22.17	
5	QPSK	25	0	22.27	22.25	22.19	
5	16QAM	1	0	22.65	22.54	22.57	23.5
5	16QAM	1	12	22.66	22.56	22.55	
5	16QAM	1	24	22.60	22.51	22.48	
5	16QAM	12	0	21.31	21.20	21.22	22.5
5	16QAM	12	7	21.33	21.22	21.25	
5	16QAM	12	13	21.31	21.20	21.20	
5	16QAM	25	0	21.27	21.19	21.16	
5	64QAM	1	0	21.53	21.43	21.44	22.5
5	64QAM	1	12	21.63	21.55	21.55	
5	64QAM	1	24	21.46	21.36	21.36	
5	64QAM	12	0	20.37	20.27	20.28	21.5
5	64QAM	12	7	20.39	20.26	20.28	
5	64QAM	12	13	20.38	20.25	20.24	
5	64QAM	25	0	20.31	20.21	20.20	
5	256QAM	1	0	18.58	18.57	18.65	19.5
5	256QAM	1	12	18.35	18.30	18.36	
5	256QAM	1	24	18.47	18.48	18.56	
5	256QAM	12	0	18.52	18.45	18.47	19.5
5	256QAM	12	7	18.48	18.45	18.48	
5	256QAM	12	13	18.42	18.40	18.47	
5	256QAM	25	0	18.43	18.43	18.53	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.31	23.29	23.26	24.5
3	QPSK	1	8	23.15	23.19	23.15	
3	QPSK	1	14	23.19	23.19	23.23	
3	QPSK	8	0	22.25	22.22	22.17	23.5
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.25	22.22	22.15	
3	QPSK	15	0	22.31	22.26	22.19	
3	16QAM	1	0	22.65	22.52	22.51	23.5
3	16QAM	1	8	22.57	22.46	22.46	
3	16QAM	1	14	22.62	22.53	22.56	
3	16QAM	8	0	21.33	21.25	21.25	22.5
3	16QAM	8	4	21.31	21.20	21.21	
3	16QAM	8	7	21.29	21.21	21.20	
3	16QAM	15	0	21.31	21.27	21.21	
3	64QAM	1	0	21.53	21.44	21.42	22.5
3	64QAM	1	8	21.42	21.36	21.32	
3	64QAM	1	14	21.52	21.41	21.43	
3	64QAM	8	0	20.36	20.25	20.23	21.5
3	64QAM	8	4	20.30	20.21	20.18	
3	64QAM	8	7	20.37	20.25	20.25	
3	64QAM	15	0	20.26	20.18	20.14	
3	256QAM	1	0	18.57	18.64	18.58	19.5
3	256QAM	1	8	18.30	18.27	18.31	
3	256QAM	1	14	18.56	18.56	18.53	
3	256QAM	8	0	18.46	18.51	18.47	19.5
3	256QAM	8	4	18.50	18.51	18.53	
3	256QAM	8	7	18.47	18.43	18.49	
3	256QAM	15	0	18.42	18.49	18.53	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.24	23.19	23.22	24.5
1.4	QPSK	1	3	23.18	23.13	23.09	
1.4	QPSK	1	5	23.25	23.20	23.13	
1.4	QPSK	3	0	23.21	23.22	23.11	
1.4	QPSK	3	1	23.10	23.11	23.00	
1.4	QPSK	3	3	23.20	23.21	23.11	
1.4	QPSK	6	0	22.26	22.21	22.11	23.5
1.4	16QAM	1	0	22.64	22.51	22.52	23.5
1.4	16QAM	1	3	22.58	22.45	22.42	
1.4	16QAM	1	5	22.60	22.50	22.49	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.26	22.22	22.16	
1.4	16QAM	3	3	22.25	22.17	22.11	
1.4	16QAM	6	0	21.32	21.25	21.22	22.5
1.4	64QAM	1	0	21.51	21.35	21.40	22.5
1.4	64QAM	1	3	21.37	21.19	21.23	
1.4	64QAM	1	5	21.50	21.35	21.39	
1.4	64QAM	3	0	21.31	21.24	21.22	
1.4	64QAM	3	1	21.35	21.26	21.25	
1.4	64QAM	3	3	21.40	21.29	21.27	
1.4	64QAM	6	0	20.24	20.16	20.11	21.5
1.4	256QAM	1	0	18.62	18.62	18.48	19.5
1.4	256QAM	1	3	18.47	18.47	18.33	
1.4	256QAM	1	5	18.64	18.64	18.50	
1.4	256QAM	3	0	18.55	18.55	18.41	
1.4	256QAM	3	1	18.48	18.48	18.34	
1.4	256QAM	3	3	18.52	18.52	18.38	
1.4	256QAM	6	0	18.44	18.44	18.30	19.5

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.22	18.24	18.21	19.1
20	QPSK	1	49	17.96	17.96	17.96	
20	QPSK	1	99	18.00	18.02	18.04	
20	QPSK	50	0	18.22	18.23	18.18	19.1
20	QPSK	50	24	18.15	18.15	18.13	
20	QPSK	50	50	18.09	18.10	18.09	
20	QPSK	100	0	18.16	18.17	18.13	
20	16QAM	1	0	18.46	18.47	18.44	19.1
20	16QAM	1	49	18.42	18.32	18.36	
20	16QAM	1	99	18.29	18.25	18.32	
20	16QAM	50	0	18.18	18.16	18.13	19.1
20	16QAM	50	24	18.13	18.09	18.09	
20	16QAM	50	50	18.08	18.03	18.04	
20	16QAM	100	0	18.13	18.09	18.10	
20	64QAM	1	0	18.38	18.35	18.29	19.1
20	64QAM	1	49	18.32	18.26	18.24	
20	64QAM	1	99	18.17	18.11	18.20	
20	64QAM	50	0	18.21	18.16	18.15	19.1
20	64QAM	50	24	18.15	18.11	18.12	
20	64QAM	50	50	18.10	18.04	18.07	
20	64QAM	100	0	18.13	18.07	18.08	
20	256QAM	1	0	18.28	18.34	18.20	19.1
20	256QAM	1	49	18.31	18.19	18.21	
20	256QAM	1	99	18.09	18.02	18.12	
20	256QAM	50	0	18.14	18.06	18.14	19.1
20	256QAM	50	24	18.08	18.06	18.10	
20	256QAM	50	50	18.01	18.02	18.05	
20	256QAM	100	0	18.05	17.98	18.05	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.17	18.22	18.20	19.1
15	QPSK	1	37	17.90	17.94	17.93	
15	QPSK	1	74	17.97	17.93	17.94	
15	QPSK	36	0	18.17	18.22	18.08	19.1
15	QPSK	36	20	18.13	18.12	18.07	
15	QPSK	36	39	18.00	18.09	17.99	
15	QPSK	75	0	18.08	18.16	18.06	
15	16QAM	1	0	18.40	18.37	18.35	19.1
15	16QAM	1	37	18.34	18.28	18.29	
15	16QAM	1	74	18.22	18.23	18.23	
15	16QAM	36	0	18.08	18.11	18.07	19.1
15	16QAM	36	20	18.05	18.03	18.01	
15	16QAM	36	39	18.00	18.02	17.94	
15	16QAM	75	0	18.07	18.05	18.01	
15	64QAM	1	0	18.29	18.30	18.20	19.1
15	64QAM	1	37	18.25	18.22	18.23	
15	64QAM	1	74	18.14	18.05	18.18	
15	64QAM	36	0	18.16	18.09	18.13	19.1
15	64QAM	36	20	18.11	18.09	18.03	
15	64QAM	36	39	18.05	17.96	18.00	
15	64QAM	75	0	18.04	18.00	18.07	
15	256QAM	1	0	18.26	18.31	18.15	19.1
15	256QAM	1	37	18.30	18.09	18.14	
15	256QAM	1	74	18.03	18.01	18.03	
15	256QAM	36	0	18.04	17.97	18.06	19.1
15	256QAM	36	20	18.07	17.98	18.06	

15	256QAM	36	39	17.98	18.00	17.99	
15	256QAM	75	0	17.99	17.97	18.00	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.12	18.16	18.13	19.1
10	QPSK	1	25	17.95	17.92	17.91	
10	QPSK	1	49	17.92	17.93	17.95	
10	QPSK	25	0	18.16	18.15	18.17	19.1
10	QPSK	25	12	18.14	18.12	18.07	
10	QPSK	25	25	18.08	18.09	18.03	
10	QPSK	50	0	18.08	18.16	18.05	
10	16QAM	1	0	18.40	18.38	18.41	19.1
10	16QAM	1	25	18.37	18.25	18.29	
10	16QAM	1	49	18.24	18.19	18.31	
10	16QAM	25	0	18.17	18.12	18.09	19.1
10	16QAM	25	12	18.08	18.02	18.07	
10	16QAM	25	25	18.01	18.01	18.01	
10	16QAM	50	0	18.03	18.02	18.04	
10	64QAM	1	0	18.30	18.33	18.22	19.1
10	64QAM	1	25	18.24	18.21	18.17	
10	64QAM	1	49	18.11	18.03	18.18	
10	64QAM	25	0	18.17	18.10	18.10	19.1
10	64QAM	25	12	18.14	18.02	18.03	
10	64QAM	25	25	18.03	18.02	17.97	
10	64QAM	50	0	18.10	18.00	18.05	
10	256QAM	1	0	18.24	18.27	18.12	19.1
10	256QAM	1	25	18.28	18.09	18.19	
10	256QAM	1	49	17.99	17.93	18.10	
10	256QAM	25	0	18.12	18.05	18.06	19.1
10	256QAM	25	12	18.03	17.97	18.08	
10	256QAM	25	25	17.99	17.98	17.98	
10	256QAM	50	0	18.04	17.95	18.01	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.16	18.22	18.13	19.1
5	QPSK	1	12	17.94	17.92	17.93	
5	QPSK	1	24	17.97	17.98	17.97	
5	QPSK	12	0	18.13	18.13	18.08	19.1
5	QPSK	12	7	18.10	18.08	18.03	
5	QPSK	12	13	18.02	18.00	18.04	
5	QPSK	25	0	18.13	18.10	18.07	
5	16QAM	1	0	18.38	18.43	18.41	19.1
5	16QAM	1	12	18.35	18.28	18.27	
5	16QAM	1	24	18.24	18.18	18.26	
5	16QAM	12	0	18.10	18.14	18.03	19.1
5	16QAM	12	7	18.03	18.02	18.07	
5	16QAM	12	13	18.02	18.00	17.96	
5	16QAM	25	0	18.11	18.03	18.00	
5	64QAM	1	0	18.29	18.33	18.25	19.1
5	64QAM	1	12	18.30	18.21	18.14	
5	64QAM	1	24	18.09	18.08	18.16	
5	64QAM	12	0	18.11	18.12	18.14	19.1
5	64QAM	12	7	18.13	18.08	18.07	
5	64QAM	12	13	18.08	17.94	18.02	
5	64QAM	25	0	18.12	18.05	18.04	
5	256QAM	1	0	18.19	18.30	18.12	19.1
5	256QAM	1	12	18.25	18.18	18.20	
5	256QAM	1	24	18.04	17.95	18.09	
5	256QAM	12	0	18.06	18.05	18.06	19.1
5	256QAM	12	7	17.99	17.98	18.02	
5	256QAM	12	13	17.98	17.96	18.01	
5	256QAM	25	0	18.04	17.95	17.99	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	18.19	18.17	18.17	19.1
3	QPSK	1	8	17.90	17.91	17.95	
3	QPSK	1	14	17.91	17.97	17.96	
3	QPSK	8	0	18.19	18.13	18.16	19.1
3	QPSK	8	4	18.13	18.09	18.09	
3	QPSK	8	7	18.02	18.05	18.06	
3	QPSK	15	0	18.10	18.14	18.04	
3	16QAM	1	0	18.43	18.45	18.40	19.1
3	16QAM	1	8	18.33	18.22	18.34	
3	16QAM	1	14	18.22	18.20	18.24	
3	16QAM	8	0	18.09	18.09	18.04	19.1
3	16QAM	8	4	18.05	18.02	18.02	
3	16QAM	8	7	18.00	17.97	18.03	
3	16QAM	15	0	18.10	18.00	18.03	
3	64QAM	1	0	18.35	18.33	18.23	19.1
3	64QAM	1	8	18.31	18.20	18.23	
3	64QAM	1	14	18.08	18.08	18.15	
3	64QAM	8	0	18.18	18.06	18.07	19.1
3	64QAM	8	4	18.13	18.10	18.06	
3	64QAM	8	7	18.05	18.01	17.99	
3	64QAM	15	0	18.03	18.03	18.03	
3	256QAM	1	0	18.19	18.32	18.15	19.1
3	256QAM	1	8	18.23	18.11	18.15	
3	256QAM	1	14	18.00	17.93	18.03	
3	256QAM	8	0	18.07	18.03	18.13	19.1
3	256QAM	8	4	18.05	18.05	18.00	
3	256QAM	8	7	17.97	17.93	18.01	
3	256QAM	15	0	17.98	17.93	18.04	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.21	18.13	18.06	19.1
1.4	QPSK	1	3	18.16	18.08	18.01	
1.4	QPSK	1	5	18.13	18.09	18.05	
1.4	QPSK	3	0	18.12	18.09	18.04	
1.4	QPSK	3	1	18.01	17.93	17.93	
1.4	QPSK	3	3	18.15	18.07	18.05	
1.4	QPSK	6	0	18.17	18.08	18.07	19.1
1.4	16QAM	1	0	18.25	18.40	18.42	19.1
1.4	16QAM	1	3	18.40	18.30	18.33	
1.4	16QAM	1	5	18.26	18.42	18.41	
1.4	16QAM	3	0	18.13	18.03	18.06	
1.4	16QAM	3	1	18.21	18.10	18.11	
1.4	16QAM	3	3	18.15	18.06	18.05	
1.4	16QAM	6	0	18.24	18.12	18.14	19.1
1.4	64QAM	1	0	18.43	18.31	18.32	19.1
1.4	64QAM	1	3	18.23	18.13	18.13	
1.4	64QAM	1	5	18.42	18.31	18.33	
1.4	64QAM	3	0	18.23	18.14	18.15	
1.4	64QAM	3	1	18.30	18.18	18.20	
1.4	64QAM	3	3	18.30	18.22	18.21	
1.4	64QAM	6	0	18.15	18.05	18.06	19.1
1.4	256QAM	1	0	18.41	18.29	18.22	19.1
1.4	256QAM	1	3	18.20	18.11	18.11	
1.4	256QAM	1	5	18.32	18.26	18.24	
1.4	256QAM	3	0	18.13	18.07	18.08	
1.4	256QAM	3	1	18.23	18.08	18.11	
1.4	256QAM	3	3	18.20	18.12	18.20	
1.4	256QAM	6	0	18.09	18.04	18.02	19.1

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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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.39	23.44	23.40	24.5
20	QPSK	1	49	23.29	23.21	23.28	
20	QPSK	1	99	23.19	23.14	23.18	
20	QPSK	50	0	22.38	22.41	22.38	23.5
20	QPSK	50	24	22.34	22.35	22.34	
20	QPSK	50	50	22.30	22.30	22.27	
20	QPSK	100	0	22.37	22.35	22.35	
20	16QAM	1	0	22.74	22.75	22.68	23.5
20	16QAM	1	49	22.64	22.59	22.64	
20	16QAM	1	99	22.53	22.52	22.60	
20	16QAM	50	0	21.40	21.39	21.37	22.5
20	16QAM	50	24	21.36	21.36	21.33	
20	16QAM	50	50	21.30	21.31	21.29	
20	16QAM	100	0	21.37	21.35	21.35	
20	64QAM	1	0	21.64	21.65	21.58	22.5
20	64QAM	1	49	21.60	21.54	21.55	
20	64QAM	1	99	21.40	21.42	21.43	
20	64QAM	50	0	20.44	20.44	20.41	21.5
20	64QAM	50	24	20.41	20.38	20.39	
20	64QAM	50	50	20.35	20.33	20.35	
20	64QAM	100	0	20.39	20.33	20.38	
20	256QAM	1	0	18.65	18.66	18.66	19.5
20	256QAM	1	49	18.36	18.37	18.37	
20	256QAM	1	99	18.56	18.57	18.57	
20	256QAM	50	0	18.53	18.54	18.54	19.5
20	256QAM	50	24	18.53	18.54	18.54	
20	256QAM	50	50	18.48	18.49	18.49	
20	256QAM	100	0	18.52	18.53	18.53	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.30	23.33	23.32	24.5
15	QPSK	1	37	23.21	23.11	23.11	
15	QPSK	1	74	23.24	23.12	23.18	
15	QPSK	36	0	22.38	22.29	22.28	23.5
15	QPSK	36	20	22.33	22.22	22.26	
15	QPSK	36	39	22.31	22.19	22.22	
15	QPSK	75	0	22.36	22.21	22.27	
15	16QAM	1	0	22.76	22.61	22.61	23.5
15	16QAM	1	37	22.69	22.51	22.64	
15	16QAM	1	74	22.57	22.43	22.53	
15	16QAM	36	0	21.37	21.25	21.30	22.5
15	16QAM	36	20	21.34	21.20	21.25	
15	16QAM	36	39	21.30	21.17	21.23	
15	16QAM	75	0	21.35	21.21	21.27	
15	64QAM	1	0	21.63	21.47	21.51	22.5
15	64QAM	1	37	21.68	21.48	21.59	
15	64QAM	1	74	21.39	21.29	21.38	
15	64QAM	36	0	20.43	20.26	20.33	21.5
15	64QAM	36	20	20.35	20.20	20.29	
15	64QAM	36	39	20.31	20.16	20.26	
15	64QAM	75	0	20.33	20.17	20.28	
15	256QAM	1	0	18.61	18.65	18.60	19.5
15	256QAM	1	37	18.32	18.31	18.32	
15	256QAM	1	74	18.53	18.52	18.52	
15	256QAM	36	0	18.51	18.53	18.53	19.5
15	256QAM	36	20	18.51	18.46	18.51	

15	256QAM	36	39	18.42	18.48	18.49	
15	256QAM	75	0	18.46	18.47	18.44	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.30	23.26	23.22	24.5
10	QPSK	1	25	23.31	23.22	23.15	
10	QPSK	1	49	23.26	23.21	23.15	
10	QPSK	25	0	22.33	22.27	22.22	23.5
10	QPSK	25	12	22.33	22.23	22.20	
10	QPSK	25	25	22.30	22.22	22.17	
10	QPSK	50	0	22.33	22.25	22.20	
10	16QAM	1	0	22.65	22.52	22.51	23.5
10	16QAM	1	25	22.59	22.45	22.48	
10	16QAM	1	49	22.54	22.44	22.46	
10	16QAM	25	0	21.33	21.24	21.22	22.5
10	16QAM	25	12	21.31	21.20	21.19	
10	16QAM	25	25	21.30	21.18	21.18	
10	16QAM	50	0	21.30	21.20	21.21	
10	64QAM	1	0	21.47	21.36	21.38	22.5
10	64QAM	1	25	21.39	21.31	21.33	
10	64QAM	1	49	21.39	21.30	21.32	
10	64QAM	25	0	20.33	20.23	20.24	21.5
10	64QAM	25	12	20.32	20.21	20.22	
10	64QAM	25	25	20.29	20.19	20.19	
10	64QAM	50	0	20.35	20.23	20.25	
10	256QAM	1	0	18.65	18.62	18.65	19.5
10	256QAM	1	25	18.28	18.34	18.28	
10	256QAM	1	49	18.53	18.57	18.47	
10	256QAM	25	0	18.48	18.51	18.46	19.5
10	256QAM	25	12	18.43	18.52	18.45	
10	256QAM	25	25	18.39	18.45	18.41	
10	256QAM	50	0	18.47	18.48	18.50	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.30	23.22	23.29	24.5
5	QPSK	1	12	23.26	23.16	23.12	
5	QPSK	1	24	23.32	23.18	23.11	
5	QPSK	12	0	22.31	22.22	22.19	23.5
5	QPSK	12	7	22.26	22.22	22.18	
5	QPSK	12	13	22.28	22.24	22.17	
5	QPSK	25	0	22.27	22.25	22.19	
5	16QAM	1	0	22.65	22.54	22.57	23.5
5	16QAM	1	12	22.66	22.56	22.55	
5	16QAM	1	24	22.60	22.51	22.48	
5	16QAM	12	0	21.31	21.20	21.22	22.5
5	16QAM	12	7	21.33	21.22	21.25	
5	16QAM	12	13	21.31	21.20	21.20	
5	16QAM	25	0	21.27	21.19	21.16	
5	64QAM	1	0	21.53	21.43	21.44	22.5
5	64QAM	1	12	21.63	21.55	21.55	
5	64QAM	1	24	21.46	21.36	21.36	
5	64QAM	12	0	20.37	20.27	20.28	21.5
5	64QAM	12	7	20.39	20.26	20.28	
5	64QAM	12	13	20.38	20.25	20.24	
5	64QAM	25	0	20.31	20.21	20.20	
5	256QAM	1	0	18.58	18.57	18.65	19.5
5	256QAM	1	12	18.35	18.30	18.36	
5	256QAM	1	24	18.47	18.48	18.56	
5	256QAM	12	0	18.52	18.45	18.47	19.5
5	256QAM	12	7	18.48	18.45	18.48	
5	256QAM	12	13	18.42	18.40	18.47	
5	256QAM	25	0	18.43	18.43	18.53	
Channel				19965	20175	20385	Tune-up limit

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.31	23.29	23.26	24.5
3	QPSK	1	8	23.15	23.19	23.15	
3	QPSK	1	14	23.19	23.19	23.23	
3	QPSK	8	0	22.25	22.22	22.17	23.5
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.25	22.22	22.15	
3	QPSK	15	0	22.31	22.26	22.19	
3	16QAM	1	0	22.65	22.52	22.51	23.5
3	16QAM	1	8	22.57	22.46	22.46	
3	16QAM	1	14	22.62	22.53	22.56	
3	16QAM	8	0	21.33	21.25	21.25	22.5
3	16QAM	8	4	21.31	21.20	21.21	
3	16QAM	8	7	21.29	21.21	21.20	
3	16QAM	15	0	21.31	21.27	21.21	
3	64QAM	1	0	21.53	21.44	21.42	22.5
3	64QAM	1	8	21.42	21.36	21.32	
3	64QAM	1	14	21.52	21.41	21.43	
3	64QAM	8	0	20.36	20.25	20.23	21.5
3	64QAM	8	4	20.30	20.21	20.18	
3	64QAM	8	7	20.37	20.25	20.25	
3	64QAM	15	0	20.26	20.18	20.14	
3	256QAM	1	0	18.57	18.64	18.58	19.5
3	256QAM	1	8	18.30	18.27	18.31	
3	256QAM	1	14	18.56	18.56	18.53	
3	256QAM	8	0	18.46	18.51	18.47	19.5
3	256QAM	8	4	18.50	18.51	18.53	
3	256QAM	8	7	18.47	18.43	18.49	
3	256QAM	15	0	18.42	18.49	18.53	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.24	23.19	23.22	24.5
1.4	QPSK	1	3	23.18	23.13	23.09	
1.4	QPSK	1	5	23.25	23.20	23.13	
1.4	QPSK	3	0	23.21	23.22	23.11	
1.4	QPSK	3	1	23.10	23.11	23.00	
1.4	QPSK	3	3	23.20	23.21	23.11	
1.4	QPSK	6	0	22.26	22.21	22.11	23.5
1.4	16QAM	1	0	22.64	22.51	22.52	23.5
1.4	16QAM	1	3	22.58	22.45	22.42	
1.4	16QAM	1	5	22.60	22.50	22.49	
1.4	16QAM	3	0	22.22	22.18	22.11	
1.4	16QAM	3	1	22.26	22.22	22.16	
1.4	16QAM	3	3	22.25	22.17	22.11	
1.4	16QAM	6	0	21.32	21.25	21.22	22.5
1.4	64QAM	1	0	21.51	21.35	21.40	22.5
1.4	64QAM	1	3	21.37	21.19	21.23	
1.4	64QAM	1	5	21.50	21.35	21.39	
1.4	64QAM	3	0	21.31	21.24	21.22	
1.4	64QAM	3	1	21.35	21.26	21.25	
1.4	64QAM	3	3	21.40	21.29	21.27	
1.4	64QAM	6	0	20.24	20.16	20.11	21.5
1.4	256QAM	1	0	18.62	18.62	18.48	19.5
1.4	256QAM	1	3	18.47	18.47	18.33	
1.4	256QAM	1	5	18.64	18.64	18.50	
1.4	256QAM	3	0	18.55	18.55	18.41	
1.4	256QAM	3	1	18.48	18.48	18.34	
1.4	256QAM	3	3	18.52	18.52	18.38	
1.4	256QAM	6	0	18.44	18.44	18.30	19.5

<LTE Band 5_Ant 1_Index 1>

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	23.73	23.63	23.63	24.7
10	QPSK	1	25	23.58	23.61	23.53	
10	QPSK	1	49	23.55	23.57	23.44	
10	QPSK	25	0	22.70	22.65	22.62	23.7
10	QPSK	25	12	22.69	22.65	22.59	
10	QPSK	25	25	22.67	22.62	22.52	
10	QPSK	50	0	22.70	22.64	22.62	
10	16QAM	1	0	22.95	22.87	22.88	23.7
10	16QAM	1	25	22.88	22.85	22.84	
10	16QAM	1	49	22.82	22.87	22.64	
10	16QAM	25	0	21.69	21.65	21.66	22.7
10	16QAM	25	12	21.67	21.65	21.61	
10	16QAM	25	25	21.63	21.62	21.54	
10	16QAM	50	0	21.67	21.66	21.61	
10	64QAM	1	0	21.85	21.79	21.83	22.7
10	64QAM	1	25	21.74	21.72	21.73	
10	64QAM	1	49	21.76	21.78	21.63	
10	64QAM	25	0	20.69	20.64	20.66	21.7
10	64QAM	25	12	20.65	20.61	20.62	
10	64QAM	25	25	20.65	20.59	20.56	
10	64QAM	50	0	20.72	20.64	20.65	
10	256QAM	1	0	18.94	19.03	18.91	19.7
10	256QAM	1	25	18.62	18.68	18.62	
10	256QAM	1	49	18.76	18.78	18.73	
10	256QAM	25	0	18.76	18.80	18.76	19.7
10	256QAM	25	12	18.71	18.76	18.69	
10	256QAM	25	25	18.66	18.73	18.71	
10	256QAM	50	0	18.72	18.77	18.73	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.70	23.56	23.44	24.7
5	QPSK	1	12	23.56	23.40	23.37	
5	QPSK	1	24	23.52	23.43	23.37	
5	QPSK	12	0	22.61	22.51	22.46	23.7
5	QPSK	12	7	22.55	22.48	22.45	
5	QPSK	12	13	22.56	22.50	22.43	
5	QPSK	25	0	22.56	22.49	22.46	
5	16QAM	1	0	22.89	22.79	22.82	23.7
5	16QAM	1	12	22.90	22.82	22.76	
5	16QAM	1	24	22.81	22.75	22.62	
5	16QAM	12	0	21.56	21.49	21.49	22.7
5	16QAM	12	7	21.58	21.51	21.46	
5	16QAM	12	13	21.55	21.47	21.41	
5	16QAM	25	0	21.53	21.45	21.41	
5	64QAM	1	0	21.77	21.69	21.70	22.7
5	64QAM	1	12	21.86	21.79	21.77	
5	64QAM	1	24	21.70	21.64	21.53	
5	64QAM	12	0	20.63	20.53	20.51	21.7
5	64QAM	12	7	20.63	20.55	20.49	
5	64QAM	12	13	20.61	20.54	20.47	
5	64QAM	25	0	20.56	20.49	20.46	
5	256QAM	1	0	18.88	18.98	18.83	19.7
5	256QAM	1	12	18.59	18.65	18.55	
5	256QAM	1	24	18.68	18.72	18.70	
5	256QAM	12	0	18.73	18.73	18.73	19.7
5	256QAM	12	7	18.65	18.73	18.66	

5	256QAM	12	13	18.63	18.69	18.67	
5	256QAM	25	0	18.68	18.70	18.65	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.58	23.51	24.7
3	QPSK	1	8	23.47	23.49	23.38	
3	QPSK	1	14	23.56	23.38	23.41	
3	QPSK	8	0	22.53	22.51	22.44	23.7
3	QPSK	8	4	22.43	22.43	22.40	
3	QPSK	8	7	22.52	22.51	22.41	
3	QPSK	15	0	22.51	22.52	22.50	
3	16QAM	1	0	22.79	22.79	22.72	23.7
3	16QAM	1	8	22.74	22.70	22.57	
3	16QAM	1	14	22.84	22.81	22.61	
3	16QAM	8	0	21.58	21.54	21.50	22.7
3	16QAM	8	4	21.54	21.50	21.43	
3	16QAM	8	7	21.53	21.50	21.39	
3	16QAM	15	0	21.54	21.53	21.47	
3	64QAM	1	0	21.73	21.73	21.65	22.7
3	64QAM	1	8	21.64	21.62	21.50	
3	64QAM	1	14	21.73	21.73	21.56	
3	64QAM	8	0	20.58	20.52	20.48	21.7
3	64QAM	8	4	20.53	20.49	20.42	
3	64QAM	8	7	20.59	20.58	20.47	
3	64QAM	15	0	20.48	20.48	20.41	
3	256QAM	1	0	18.90	18.95	18.85	19.7
3	256QAM	1	8	18.57	18.60	18.58	
3	256QAM	1	14	18.69	18.74	18.67	
3	256QAM	8	0	18.72	18.72	18.73	19.7
3	256QAM	8	4	18.68	18.71	18.64	
3	256QAM	8	7	18.63	18.66	18.66	
3	256QAM	15	0	18.68	18.74	18.65	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.55	23.55	23.36	24.7
1.4	QPSK	1	3	23.50	23.39	23.39	
1.4	QPSK	1	5	23.51	23.42	23.44	
1.4	QPSK	3	0	23.55	23.45	23.41	
1.4	QPSK	3	1	23.43	23.40	23.38	
1.4	QPSK	3	3	23.56	23.47	23.40	
1.4	QPSK	6	0	22.51	22.46	22.43	23.7
1.4	16QAM	1	0	22.85	22.76	22.67	23.7
1.4	16QAM	1	3	22.79	22.67	22.57	
1.4	16QAM	1	5	22.83	22.76	22.64	
1.4	16QAM	3	0	22.50	22.43	22.35	
1.4	16QAM	3	1	22.58	22.47	22.39	
1.4	16QAM	3	3	22.50	22.44	22.43	
1.4	16QAM	6	0	21.59	21.53	21.45	22.7
1.4	64QAM	1	0	21.75	21.70	21.62	22.7
1.4	64QAM	1	3	21.59	21.52	21.39	
1.4	64QAM	1	5	21.75	21.69	21.56	
1.4	64QAM	3	0	21.61	21.55	21.46	
1.4	64QAM	3	1	21.66	21.60	21.52	
1.4	64QAM	3	3	21.68	21.61	21.53	
1.4	64QAM	6	0	20.53	20.47	20.38	21.7
1.4	256QAM	1	0	18.80	18.86	18.76	19.7
1.4	256QAM	1	3	18.68	18.72	18.66	
1.4	256QAM	1	5	18.77	18.81	18.79	
1.4	256QAM	3	0	18.72	18.77	18.72	
1.4	256QAM	3	1	18.72	18.75	18.70	
1.4	256QAM	3	3	18.63	18.70	18.68	
1.4	256QAM	6	0	18.63	18.67	18.65	19.7

<LTE Band 5_Ant 1_Index 2>

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	22.47	22.41	22.43	23.6
10	QPSK	1	25	22.39	22.41	22.36	
10	QPSK	1	49	22.35	22.37	22.22	
10	QPSK	25	0	22.24	22.23	22.19	23.2
10	QPSK	25	12	22.21	22.21	22.15	
10	QPSK	25	25	22.19	22.20	22.10	
10	QPSK	50	0	22.23	22.24	22.17	
10	16QAM	1	0	22.46	22.43	22.45	23.2
10	16QAM	1	25	22.40	22.40	22.39	
10	16QAM	1	49	22.38	22.44	22.19	
10	16QAM	25	0	21.22	21.23	21.20	22.2
10	16QAM	25	12	21.22	21.21	21.18	
10	16QAM	25	25	21.21	21.18	21.14	
10	16QAM	50	0	21.24	21.22	21.21	
10	64QAM	1	0	21.46	21.37	21.42	22.2
10	64QAM	1	25	21.35	21.27	21.33	
10	64QAM	1	49	21.28	21.36	21.21	
10	64QAM	25	0	20.23	20.21	20.22	21.2
10	64QAM	25	12	20.22	20.22	20.18	
10	64QAM	25	25	20.19	20.19	20.12	
10	64QAM	50	0	20.23	20.25	20.21	
10	256QAM	1	0	18.43	18.48	18.37	19.2
10	256QAM	1	25	18.10	18.13	18.09	
10	256QAM	1	49	18.22	18.26	18.22	
10	256QAM	25	0	18.20	18.28	18.21	19.2
10	256QAM	25	12	18.15	18.20	18.13	
10	256QAM	25	25	18.10	18.20	18.15	
10	256QAM	50	0	18.16	18.23	18.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.40	22.39	22.36	23.6
5	QPSK	1	12	22.36	22.36	22.33	
5	QPSK	1	24	22.33	22.35	22.20	
5	QPSK	12	0	22.22	22.19	22.16	23.2
5	QPSK	12	7	22.13	22.15	22.10	
5	QPSK	12	13	22.13	22.18	22.04	
5	QPSK	25	0	22.15	22.22	22.14	
5	16QAM	1	0	22.40	22.39	22.40	23.2
5	16QAM	1	12	22.33	22.38	22.34	
5	16QAM	1	24	22.35	22.41	22.16	
5	16QAM	12	0	21.20	21.21	21.18	22.2
5	16QAM	12	7	21.14	21.18	21.10	
5	16QAM	12	13	21.19	21.11	21.06	
5	16QAM	25	0	21.16	21.19	21.15	
5	64QAM	1	0	21.39	21.29	21.40	22.2
5	64QAM	1	12	21.29	21.20	21.29	
5	64QAM	1	24	21.24	21.33	21.14	
5	64QAM	12	0	20.21	20.16	20.19	21.2
5	64QAM	12	7	20.15	20.20	20.16	
5	64QAM	12	13	20.16	20.14	20.04	
5	64QAM	25	0	20.17	20.23	20.17	
5	256QAM	1	0	18.36	18.42	18.34	19.2
5	256QAM	1	12	18.03	18.10	18.04	
5	256QAM	1	24	18.20	18.20	18.20	
5	256QAM	12	0	18.18	18.26	18.13	19.2
5	256QAM	12	7	18.13	18.16	18.09	

5	256QAM	12	13	18.06	18.14	18.12	
5	256QAM	25	0	18.09	18.15	18.13	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.41	22.35	22.36	23.6
3	QPSK	1	8	22.31	22.39	22.28	
3	QPSK	1	14	22.29	22.31	22.20	
3	QPSK	8	0	22.21	22.18	22.15	23.2
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.16	22.15	22.04	
3	QPSK	15	0	22.19	22.22	22.10	
3	16QAM	1	0	22.40	22.38	22.38	23.2
3	16QAM	1	8	22.37	22.34	22.36	
3	16QAM	1	14	22.33	22.42	22.16	
3	16QAM	8	0	21.14	21.21	21.17	22.2
3	16QAM	8	4	21.16	21.15	21.14	
3	16QAM	8	7	21.14	21.12	21.12	
3	16QAM	15	0	21.17	21.15	21.13	
3	64QAM	1	0	21.41	21.34	21.38	22.2
3	64QAM	1	8	21.33	21.19	21.28	
3	64QAM	1	14	21.26	21.32	21.17	
3	64QAM	8	0	20.16	20.13	20.18	21.2
3	64QAM	8	4	20.19	20.14	20.10	
3	64QAM	8	7	20.16	20.15	20.09	
3	64QAM	15	0	20.18	20.22	20.16	
3	256QAM	1	0	18.39	18.42	18.31	19.2
3	256QAM	1	8	18.03	18.08	18.05	
3	256QAM	1	14	18.20	18.23	18.19	
3	256QAM	8	0	18.12	18.26	18.14	19.2
3	256QAM	8	4	18.13	18.17	18.08	
3	256QAM	8	7	18.08	18.17	18.10	
3	256QAM	15	0	18.13	18.20	18.15	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.45	22.45	22.34	23.6
1.4	QPSK	1	3	22.42	22.37	22.28	
1.4	QPSK	1	5	22.41	22.42	22.25	
1.4	QPSK	3	0	22.42	22.37	22.25	
1.4	QPSK	3	1	22.29	22.24	22.21	
1.4	QPSK	3	3	22.44	22.37	22.26	
1.4	QPSK	6	0	22.16	22.15	22.04	23.2
1.4	16QAM	1	0	22.44	22.43	22.32	23.2
1.4	16QAM	1	3	22.45	22.36	22.19	
1.4	16QAM	1	5	22.44	22.43	22.27	
1.4	16QAM	3	0	22.19	22.14	22.00	
1.4	16QAM	3	1	22.25	22.19	22.04	
1.4	16QAM	3	3	22.20	22.14	21.99	
1.4	16QAM	6	0	21.25	21.23	21.12	22.2
1.4	64QAM	1	0	21.47	21.41	21.31	22.2
1.4	64QAM	1	3	21.29	21.22	21.13	
1.4	64QAM	1	5	21.44	21.39	21.24	
1.4	64QAM	3	0	21.32	21.24	21.16	
1.4	64QAM	3	1	21.35	21.30	21.21	
1.4	64QAM	3	3	21.37	21.29	21.20	
1.4	64QAM	6	0	20.19	20.14	20.06	21.2
1.4	256QAM	1	0	18.33	18.39	18.26	19.2
1.4	256QAM	1	3	18.01	18.03	18.02	
1.4	256QAM	1	5	18.16	18.18	18.15	
1.4	256QAM	3	0	18.07	18.20	18.12	
1.4	256QAM	3	1	18.11	18.12	18.02	
1.4	256QAM	3	3	18.04	18.12	18.08	
1.4	256QAM	6	0	18.10	18.18	18.10	19.2

<LTE Band 5_Ant 1_Index 3>

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	22.47	22.41	22.43	22.6
10	QPSK	1	25	22.39	22.41	22.36	
10	QPSK	1	49	22.35	22.37	22.22	
10	QPSK	25	0	22.24	22.23	22.19	22.6
10	QPSK	25	12	22.21	22.21	22.15	
10	QPSK	25	25	22.19	22.20	22.10	
10	QPSK	50	0	22.23	22.24	22.17	
10	16QAM	1	0	22.46	22.43	22.45	22.6
10	16QAM	1	25	22.40	22.40	22.39	
10	16QAM	1	49	22.38	22.44	22.19	
10	16QAM	25	0	21.22	21.23	21.20	22.2
10	16QAM	25	12	21.22	21.21	21.18	
10	16QAM	25	25	21.21	21.18	21.14	
10	16QAM	50	0	21.24	21.22	21.21	
10	64QAM	1	0	21.46	21.37	21.42	22.2
10	64QAM	1	25	21.35	21.27	21.33	
10	64QAM	1	49	21.28	21.36	21.21	
10	64QAM	25	0	20.23	20.21	20.22	21.2
10	64QAM	25	12	20.22	20.22	20.18	
10	64QAM	25	25	20.19	20.19	20.12	
10	64QAM	50	0	20.23	20.25	20.21	
10	256QAM	1	0	18.43	18.48	18.37	19.2
10	256QAM	1	25	18.10	18.13	18.09	
10	256QAM	1	49	18.22	18.26	18.22	
10	256QAM	25	0	18.20	18.28	18.21	19.2
10	256QAM	25	12	18.15	18.20	18.13	
10	256QAM	25	25	18.10	18.20	18.15	
10	256QAM	50	0	18.16	18.23	18.21	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.40	22.39	22.36	22.6
5	QPSK	1	12	22.36	22.36	22.33	
5	QPSK	1	24	22.33	22.35	22.20	
5	QPSK	12	0	22.22	22.19	22.16	22.6
5	QPSK	12	7	22.13	22.15	22.10	
5	QPSK	12	13	22.13	22.18	22.04	
5	QPSK	25	0	22.15	22.22	22.14	
5	16QAM	1	0	22.40	22.39	22.40	22.6
5	16QAM	1	12	22.33	22.38	22.34	
5	16QAM	1	24	22.35	22.41	22.16	
5	16QAM	12	0	21.20	21.21	21.18	22.2
5	16QAM	12	7	21.14	21.18	21.10	
5	16QAM	12	13	21.19	21.11	21.06	
5	16QAM	25	0	21.16	21.19	21.15	
5	64QAM	1	0	21.39	21.29	21.40	22.2
5	64QAM	1	12	21.29	21.20	21.29	
5	64QAM	1	24	21.24	21.33	21.14	
5	64QAM	12	0	20.21	20.16	20.19	21.2
5	64QAM	12	7	20.15	20.20	20.16	
5	64QAM	12	13	20.16	20.14	20.04	
5	64QAM	25	0	20.17	20.23	20.17	
5	256QAM	1	0	18.36	18.42	18.34	19.2
5	256QAM	1	12	18.03	18.10	18.04	
5	256QAM	1	24	18.20	18.20	18.20	
5	256QAM	12	0	18.18	18.26	18.13	19.2
5	256QAM	12	7	18.13	18.16	18.09	

5	256QAM	12	13	18.06	18.14	18.12	
5	256QAM	25	0	18.09	18.15	18.13	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.41	22.35	22.36	22.6
3	QPSK	1	8	22.31	22.39	22.28	
3	QPSK	1	14	22.29	22.31	22.20	
3	QPSK	8	0	22.21	22.18	22.15	22.6
3	QPSK	8	4	22.18	22.13	22.08	
3	QPSK	8	7	22.16	22.15	22.04	
3	QPSK	15	0	22.19	22.22	22.10	
3	16QAM	1	0	22.40	22.38	22.38	22.6
3	16QAM	1	8	22.37	22.34	22.36	
3	16QAM	1	14	22.33	22.42	22.16	
3	16QAM	8	0	21.14	21.21	21.17	22.2
3	16QAM	8	4	21.16	21.15	21.14	
3	16QAM	8	7	21.14	21.12	21.12	
3	16QAM	15	0	21.17	21.15	21.13	
3	64QAM	1	0	21.41	21.34	21.38	22.2
3	64QAM	1	8	21.33	21.19	21.28	
3	64QAM	1	14	21.26	21.32	21.17	
3	64QAM	8	0	20.16	20.13	20.18	21.2
3	64QAM	8	4	20.19	20.14	20.10	
3	64QAM	8	7	20.16	20.15	20.09	
3	64QAM	15	0	20.18	20.22	20.16	
3	256QAM	1	0	18.39	18.42	18.31	19.2
3	256QAM	1	8	18.03	18.08	18.05	
3	256QAM	1	14	18.20	18.23	18.19	
3	256QAM	8	0	18.12	18.26	18.14	19.2
3	256QAM	8	4	18.13	18.17	18.08	
3	256QAM	8	7	18.08	18.17	18.10	
3	256QAM	15	0	18.13	18.20	18.15	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.45	22.45	22.34	22.6
1.4	QPSK	1	3	22.42	22.37	22.28	
1.4	QPSK	1	5	22.41	22.42	22.25	
1.4	QPSK	3	0	22.42	22.37	22.25	
1.4	QPSK	3	1	22.29	22.24	22.21	
1.4	QPSK	3	3	22.44	22.37	22.26	
1.4	QPSK	6	0	22.16	22.15	22.04	22.6
1.4	16QAM	1	0	22.44	22.43	22.32	22.6
1.4	16QAM	1	3	22.45	22.36	22.19	
1.4	16QAM	1	5	22.44	22.43	22.27	
1.4	16QAM	3	0	22.19	22.14	22.00	
1.4	16QAM	3	1	22.25	22.19	22.04	
1.4	16QAM	3	3	22.20	22.14	21.99	
1.4	16QAM	6	0	21.25	21.23	21.12	22.2
1.4	64QAM	1	0	21.47	21.41	21.31	22.2
1.4	64QAM	1	3	21.29	21.22	21.13	
1.4	64QAM	1	5	21.44	21.39	21.24	
1.4	64QAM	3	0	21.32	21.24	21.16	
1.4	64QAM	3	1	21.35	21.30	21.21	
1.4	64QAM	3	3	21.37	21.29	21.20	
1.4	64QAM	6	0	20.19	20.14	20.06	21.2
1.4	256QAM	1	0	18.33	18.39	18.26	19.2
1.4	256QAM	1	3	18.01	18.03	18.02	
1.4	256QAM	1	5	18.16	18.18	18.15	
1.4	256QAM	3	0	18.07	18.20	18.12	
1.4	256QAM	3	1	18.11	18.12	18.02	
1.4	256QAM	3	3	18.04	18.12	18.08	
1.4	256QAM	6	0	18.10	18.18	18.10	19.2

<LTE Band 5_Ant 1_Index 4>

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	23.73	23.63	23.63	24.7
10	QPSK	1	25	23.58	23.61	23.53	
10	QPSK	1	49	23.55	23.57	23.44	
10	QPSK	25	0	22.70	22.65	22.62	23.7
10	QPSK	25	12	22.69	22.65	22.59	
10	QPSK	25	25	22.67	22.62	22.52	
10	QPSK	50	0	22.70	22.64	22.62	
10	16QAM	1	0	22.95	22.87	22.88	23.7
10	16QAM	1	25	22.88	22.85	22.84	
10	16QAM	1	49	22.82	22.87	22.64	
10	16QAM	25	0	21.69	21.65	21.66	22.7
10	16QAM	25	12	21.67	21.65	21.61	
10	16QAM	25	25	21.63	21.62	21.54	
10	16QAM	50	0	21.67	21.66	21.61	
10	64QAM	1	0	21.85	21.79	21.83	22.7
10	64QAM	1	25	21.74	21.72	21.73	
10	64QAM	1	49	21.76	21.78	21.63	
10	64QAM	25	0	20.69	20.64	20.66	21.7
10	64QAM	25	12	20.65	20.61	20.62	
10	64QAM	25	25	20.65	20.59	20.56	
10	64QAM	50	0	20.72	20.64	20.65	
10	256QAM	1	0	18.94	19.03	18.91	19.7
10	256QAM	1	25	18.62	18.68	18.62	
10	256QAM	1	49	18.76	18.78	18.73	
10	256QAM	25	0	18.76	18.80	18.76	19.7
10	256QAM	25	12	18.71	18.76	18.69	
10	256QAM	25	25	18.66	18.73	18.71	
10	256QAM	50	0	18.72	18.77	18.73	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.70	23.56	23.44	24.7
5	QPSK	1	12	23.56	23.40	23.37	
5	QPSK	1	24	23.52	23.43	23.37	
5	QPSK	12	0	22.61	22.51	22.46	23.7
5	QPSK	12	7	22.55	22.48	22.45	
5	QPSK	12	13	22.56	22.50	22.43	
5	QPSK	25	0	22.56	22.49	22.46	
5	16QAM	1	0	22.89	22.79	22.82	23.7
5	16QAM	1	12	22.90	22.82	22.76	
5	16QAM	1	24	22.81	22.75	22.62	
5	16QAM	12	0	21.56	21.49	21.49	22.7
5	16QAM	12	7	21.58	21.51	21.46	
5	16QAM	12	13	21.55	21.47	21.41	
5	16QAM	25	0	21.53	21.45	21.41	
5	64QAM	1	0	21.77	21.69	21.70	22.7
5	64QAM	1	12	21.86	21.79	21.77	
5	64QAM	1	24	21.70	21.64	21.53	
5	64QAM	12	0	20.63	20.53	20.51	21.7
5	64QAM	12	7	20.63	20.55	20.49	
5	64QAM	12	13	20.61	20.54	20.47	
5	64QAM	25	0	20.56	20.49	20.46	
5	256QAM	1	0	18.88	18.98	18.83	19.7
5	256QAM	1	12	18.59	18.65	18.55	
5	256QAM	1	24	18.68	18.72	18.70	
5	256QAM	12	0	18.73	18.73	18.73	19.7
5	256QAM	12	7	18.65	18.73	18.66	

5	256QAM	12	13	18.63	18.69	18.67	
5	256QAM	25	0	18.68	18.70	18.65	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.58	23.51	24.7
3	QPSK	1	8	23.47	23.49	23.38	
3	QPSK	1	14	23.56	23.38	23.41	
3	QPSK	8	0	22.53	22.51	22.44	23.7
3	QPSK	8	4	22.43	22.43	22.40	
3	QPSK	8	7	22.52	22.51	22.41	
3	QPSK	15	0	22.51	22.52	22.50	
3	16QAM	1	0	22.79	22.79	22.72	23.7
3	16QAM	1	8	22.74	22.70	22.57	
3	16QAM	1	14	22.84	22.81	22.61	
3	16QAM	8	0	21.58	21.54	21.50	22.7
3	16QAM	8	4	21.54	21.50	21.43	
3	16QAM	8	7	21.53	21.50	21.39	
3	16QAM	15	0	21.54	21.53	21.47	
3	64QAM	1	0	21.73	21.73	21.65	22.7
3	64QAM	1	8	21.64	21.62	21.50	
3	64QAM	1	14	21.73	21.73	21.56	
3	64QAM	8	0	20.58	20.52	20.48	21.7
3	64QAM	8	4	20.53	20.49	20.42	
3	64QAM	8	7	20.59	20.58	20.47	
3	64QAM	15	0	20.48	20.48	20.41	
3	256QAM	1	0	18.90	18.95	18.85	19.7
3	256QAM	1	8	18.57	18.60	18.58	
3	256QAM	1	14	18.69	18.74	18.67	
3	256QAM	8	0	18.72	18.72	18.73	19.7
3	256QAM	8	4	18.68	18.71	18.64	
3	256QAM	8	7	18.63	18.66	18.66	
3	256QAM	15	0	18.68	18.74	18.65	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.55	23.55	23.36	24.7
1.4	QPSK	1	3	23.50	23.39	23.39	
1.4	QPSK	1	5	23.51	23.42	23.44	
1.4	QPSK	3	0	23.55	23.45	23.41	
1.4	QPSK	3	1	23.43	23.40	23.38	
1.4	QPSK	3	3	23.56	23.47	23.40	
1.4	QPSK	6	0	22.51	22.46	22.43	23.7
1.4	16QAM	1	0	22.85	22.76	22.67	23.7
1.4	16QAM	1	3	22.79	22.67	22.57	
1.4	16QAM	1	5	22.83	22.76	22.64	
1.4	16QAM	3	0	22.50	22.43	22.35	
1.4	16QAM	3	1	22.58	22.47	22.39	
1.4	16QAM	3	3	22.50	22.44	22.43	
1.4	16QAM	6	0	21.59	21.53	21.45	22.7
1.4	64QAM	1	0	21.75	21.70	21.62	22.7
1.4	64QAM	1	3	21.59	21.52	21.39	
1.4	64QAM	1	5	21.75	21.69	21.56	
1.4	64QAM	3	0	21.61	21.55	21.46	
1.4	64QAM	3	1	21.66	21.60	21.52	
1.4	64QAM	3	3	21.68	21.61	21.53	
1.4	64QAM	6	0	20.53	20.47	20.38	21.7
1.4	256QAM	1	0	18.80	18.86	18.76	19.7
1.4	256QAM	1	3	18.68	18.72	18.66	
1.4	256QAM	1	5	18.77	18.81	18.79	
1.4	256QAM	3	0	18.72	18.77	18.72	
1.4	256QAM	3	1	18.72	18.75	18.70	
1.4	256QAM	3	3	18.63	18.70	18.68	
1.4	256QAM	6	0	18.63	18.67	18.65	19.7

<LTE Band 5_Ant 1_Index 5>

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	23.73	23.63	23.63	24.7
10	QPSK	1	25	23.58	23.61	23.53	
10	QPSK	1	49	23.55	23.57	23.44	
10	QPSK	25	0	22.70	22.65	22.62	23.7
10	QPSK	25	12	22.69	22.65	22.59	
10	QPSK	25	25	22.67	22.62	22.52	
10	QPSK	50	0	22.70	22.64	22.62	
10	16QAM	1	0	22.95	22.87	22.88	23.7
10	16QAM	1	25	22.88	22.85	22.84	
10	16QAM	1	49	22.82	22.87	22.64	
10	16QAM	25	0	21.69	21.65	21.66	22.7
10	16QAM	25	12	21.67	21.65	21.61	
10	16QAM	25	25	21.63	21.62	21.54	
10	16QAM	50	0	21.67	21.66	21.61	
10	64QAM	1	0	21.85	21.79	21.83	22.7
10	64QAM	1	25	21.74	21.72	21.73	
10	64QAM	1	49	21.76	21.78	21.63	
10	64QAM	25	0	20.69	20.64	20.66	21.7
10	64QAM	25	12	20.65	20.61	20.62	
10	64QAM	25	25	20.65	20.59	20.56	
10	64QAM	50	0	20.72	20.64	20.65	
10	256QAM	1	0	18.94	19.03	18.91	19.7
10	256QAM	1	25	18.62	18.68	18.62	
10	256QAM	1	49	18.76	18.78	18.73	
10	256QAM	25	0	18.76	18.80	18.76	19.7
10	256QAM	25	12	18.71	18.76	18.69	
10	256QAM	25	25	18.66	18.73	18.71	
10	256QAM	50	0	18.72	18.77	18.73	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.70	23.56	23.44	24.7
5	QPSK	1	12	23.56	23.40	23.37	
5	QPSK	1	24	23.52	23.43	23.37	
5	QPSK	12	0	22.61	22.51	22.46	23.7
5	QPSK	12	7	22.55	22.48	22.45	
5	QPSK	12	13	22.56	22.50	22.43	
5	QPSK	25	0	22.56	22.49	22.46	
5	16QAM	1	0	22.89	22.79	22.82	23.7
5	16QAM	1	12	22.90	22.82	22.76	
5	16QAM	1	24	22.81	22.75	22.62	
5	16QAM	12	0	21.56	21.49	21.49	22.7
5	16QAM	12	7	21.58	21.51	21.46	
5	16QAM	12	13	21.55	21.47	21.41	
5	16QAM	25	0	21.53	21.45	21.41	
5	64QAM	1	0	21.77	21.69	21.70	22.7
5	64QAM	1	12	21.86	21.79	21.77	
5	64QAM	1	24	21.70	21.64	21.53	
5	64QAM	12	0	20.63	20.53	20.51	21.7
5	64QAM	12	7	20.63	20.55	20.49	
5	64QAM	12	13	20.61	20.54	20.47	
5	64QAM	25	0	20.56	20.49	20.46	
5	256QAM	1	0	18.88	18.98	18.83	19.7
5	256QAM	1	12	18.59	18.65	18.55	
5	256QAM	1	24	18.68	18.72	18.70	
5	256QAM	12	0	18.73	18.73	18.73	19.7
5	256QAM	12	7	18.65	18.73	18.66	

5	256QAM	12	13	18.63	18.69	18.67	
5	256QAM	25	0	18.68	18.70	18.65	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.58	23.51	24.7
3	QPSK	1	8	23.47	23.49	23.38	
3	QPSK	1	14	23.56	23.38	23.41	
3	QPSK	8	0	22.53	22.51	22.44	23.7
3	QPSK	8	4	22.43	22.43	22.40	
3	QPSK	8	7	22.52	22.51	22.41	
3	QPSK	15	0	22.51	22.52	22.50	
3	16QAM	1	0	22.79	22.79	22.72	23.7
3	16QAM	1	8	22.74	22.70	22.57	
3	16QAM	1	14	22.84	22.81	22.61	
3	16QAM	8	0	21.58	21.54	21.50	22.7
3	16QAM	8	4	21.54	21.50	21.43	
3	16QAM	8	7	21.53	21.50	21.39	
3	16QAM	15	0	21.54	21.53	21.47	
3	64QAM	1	0	21.73	21.73	21.65	22.7
3	64QAM	1	8	21.64	21.62	21.50	
3	64QAM	1	14	21.73	21.73	21.56	
3	64QAM	8	0	20.58	20.52	20.48	21.7
3	64QAM	8	4	20.53	20.49	20.42	
3	64QAM	8	7	20.59	20.58	20.47	
3	64QAM	15	0	20.48	20.48	20.41	
3	256QAM	1	0	18.90	18.95	18.85	19.7
3	256QAM	1	8	18.57	18.60	18.58	
3	256QAM	1	14	18.69	18.74	18.67	
3	256QAM	8	0	18.72	18.72	18.73	19.7
3	256QAM	8	4	18.68	18.71	18.64	
3	256QAM	8	7	18.63	18.66	18.66	
3	256QAM	15	0	18.68	18.74	18.65	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.55	23.55	23.36	24.7
1.4	QPSK	1	3	23.50	23.39	23.39	
1.4	QPSK	1	5	23.51	23.42	23.44	
1.4	QPSK	3	0	23.55	23.45	23.41	
1.4	QPSK	3	1	23.43	23.40	23.38	
1.4	QPSK	3	3	23.56	23.47	23.40	
1.4	QPSK	6	0	22.51	22.46	22.43	23.7
1.4	16QAM	1	0	22.85	22.76	22.67	23.7
1.4	16QAM	1	3	22.79	22.67	22.57	
1.4	16QAM	1	5	22.83	22.76	22.64	
1.4	16QAM	3	0	22.50	22.43	22.35	
1.4	16QAM	3	1	22.58	22.47	22.39	
1.4	16QAM	3	3	22.50	22.44	22.43	
1.4	16QAM	6	0	21.59	21.53	21.45	22.7
1.4	64QAM	1	0	21.75	21.70	21.62	22.7
1.4	64QAM	1	3	21.59	21.52	21.39	
1.4	64QAM	1	5	21.75	21.69	21.56	
1.4	64QAM	3	0	21.61	21.55	21.46	
1.4	64QAM	3	1	21.66	21.60	21.52	
1.4	64QAM	3	3	21.68	21.61	21.53	
1.4	64QAM	6	0	20.53	20.47	20.38	21.7
1.4	256QAM	1	0	18.80	18.86	18.76	19.7
1.4	256QAM	1	3	18.68	18.72	18.66	
1.4	256QAM	1	5	18.77	18.81	18.79	
1.4	256QAM	3	0	18.72	18.77	18.72	
1.4	256QAM	3	1	18.72	18.75	18.70	
1.4	256QAM	3	3	18.63	18.70	18.68	
1.4	256QAM	6	0	18.63	18.67	18.65	19.7

<LTE Band 5_Ant 1_Index 6>

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	23.73	23.63	23.63	24.7
10	QPSK	1	25	23.58	23.61	23.53	
10	QPSK	1	49	23.55	23.57	23.44	
10	QPSK	25	0	22.70	22.65	22.62	23.7
10	QPSK	25	12	22.69	22.65	22.59	
10	QPSK	25	25	22.67	22.62	22.52	
10	QPSK	50	0	22.70	22.64	22.62	
10	16QAM	1	0	22.95	22.87	22.88	23.7
10	16QAM	1	25	22.88	22.85	22.84	
10	16QAM	1	49	22.82	22.87	22.64	
10	16QAM	25	0	21.69	21.65	21.66	22.7
10	16QAM	25	12	21.67	21.65	21.61	
10	16QAM	25	25	21.63	21.62	21.54	
10	16QAM	50	0	21.67	21.66	21.61	
10	64QAM	1	0	21.85	21.79	21.83	22.7
10	64QAM	1	25	21.74	21.72	21.73	
10	64QAM	1	49	21.76	21.78	21.63	
10	64QAM	25	0	20.69	20.64	20.66	21.7
10	64QAM	25	12	20.65	20.61	20.62	
10	64QAM	25	25	20.65	20.59	20.56	
10	64QAM	50	0	20.72	20.64	20.65	
10	256QAM	1	0	18.94	19.03	18.91	19.7
10	256QAM	1	25	18.62	18.68	18.62	
10	256QAM	1	49	18.76	18.78	18.73	
10	256QAM	25	0	18.76	18.80	18.76	19.7
10	256QAM	25	12	18.71	18.76	18.69	
10	256QAM	25	25	18.66	18.73	18.71	
10	256QAM	50	0	18.72	18.77	18.73	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.70	23.56	23.44	24.7
5	QPSK	1	12	23.56	23.40	23.37	
5	QPSK	1	24	23.52	23.43	23.37	
5	QPSK	12	0	22.61	22.51	22.46	23.7
5	QPSK	12	7	22.55	22.48	22.45	
5	QPSK	12	13	22.56	22.50	22.43	
5	QPSK	25	0	22.56	22.49	22.46	
5	16QAM	1	0	22.89	22.79	22.82	23.7
5	16QAM	1	12	22.90	22.82	22.76	
5	16QAM	1	24	22.81	22.75	22.62	
5	16QAM	12	0	21.56	21.49	21.49	22.7
5	16QAM	12	7	21.58	21.51	21.46	
5	16QAM	12	13	21.55	21.47	21.41	
5	16QAM	25	0	21.53	21.45	21.41	
5	64QAM	1	0	21.77	21.69	21.70	22.7
5	64QAM	1	12	21.86	21.79	21.77	
5	64QAM	1	24	21.70	21.64	21.53	
5	64QAM	12	0	20.63	20.53	20.51	21.7
5	64QAM	12	7	20.63	20.55	20.49	
5	64QAM	12	13	20.61	20.54	20.47	
5	64QAM	25	0	20.56	20.49	20.46	
5	256QAM	1	0	18.88	18.98	18.83	19.7
5	256QAM	1	12	18.59	18.65	18.55	
5	256QAM	1	24	18.68	18.72	18.70	
5	256QAM	12	0	18.73	18.73	18.73	19.7
5	256QAM	12	7	18.65	18.73	18.66	

5	256QAM	12	13	18.63	18.69	18.67	
5	256QAM	25	0	18.68	18.70	18.65	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.58	23.51	24.7
3	QPSK	1	8	23.47	23.49	23.38	
3	QPSK	1	14	23.56	23.38	23.41	
3	QPSK	8	0	22.53	22.51	22.44	23.7
3	QPSK	8	4	22.43	22.43	22.40	
3	QPSK	8	7	22.52	22.51	22.41	
3	QPSK	15	0	22.51	22.52	22.50	
3	16QAM	1	0	22.79	22.79	22.72	23.7
3	16QAM	1	8	22.74	22.70	22.57	
3	16QAM	1	14	22.84	22.81	22.61	
3	16QAM	8	0	21.58	21.54	21.50	22.7
3	16QAM	8	4	21.54	21.50	21.43	
3	16QAM	8	7	21.53	21.50	21.39	
3	16QAM	15	0	21.54	21.53	21.47	
3	64QAM	1	0	21.73	21.73	21.65	22.7
3	64QAM	1	8	21.64	21.62	21.50	
3	64QAM	1	14	21.73	21.73	21.56	
3	64QAM	8	0	20.58	20.52	20.48	21.7
3	64QAM	8	4	20.53	20.49	20.42	
3	64QAM	8	7	20.59	20.58	20.47	
3	64QAM	15	0	20.48	20.48	20.41	
3	256QAM	1	0	18.90	18.95	18.85	19.7
3	256QAM	1	8	18.57	18.60	18.58	
3	256QAM	1	14	18.69	18.74	18.67	
3	256QAM	8	0	18.72	18.72	18.73	19.7
3	256QAM	8	4	18.68	18.71	18.64	
3	256QAM	8	7	18.63	18.66	18.66	
3	256QAM	15	0	18.68	18.74	18.65	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.55	23.55	23.36	24.7
1.4	QPSK	1	3	23.50	23.39	23.39	
1.4	QPSK	1	5	23.51	23.42	23.44	
1.4	QPSK	3	0	23.55	23.45	23.41	
1.4	QPSK	3	1	23.43	23.40	23.38	
1.4	QPSK	3	3	23.56	23.47	23.40	
1.4	QPSK	6	0	22.51	22.46	22.43	23.7
1.4	16QAM	1	0	22.85	22.76	22.67	23.7
1.4	16QAM	1	3	22.79	22.67	22.57	
1.4	16QAM	1	5	22.83	22.76	22.64	
1.4	16QAM	3	0	22.50	22.43	22.35	
1.4	16QAM	3	1	22.58	22.47	22.39	
1.4	16QAM	3	3	22.50	22.44	22.43	
1.4	16QAM	6	0	21.59	21.53	21.45	22.7
1.4	64QAM	1	0	21.75	21.70	21.62	22.7
1.4	64QAM	1	3	21.59	21.52	21.39	
1.4	64QAM	1	5	21.75	21.69	21.56	
1.4	64QAM	3	0	21.61	21.55	21.46	
1.4	64QAM	3	1	21.66	21.60	21.52	
1.4	64QAM	3	3	21.68	21.61	21.53	
1.4	64QAM	6	0	20.53	20.47	20.38	21.7
1.4	256QAM	1	0	18.80	18.86	18.76	19.7
1.4	256QAM	1	3	18.68	18.72	18.66	
1.4	256QAM	1	5	18.77	18.81	18.79	
1.4	256QAM	3	0	18.72	18.77	18.72	
1.4	256QAM	3	1	18.72	18.75	18.70	
1.4	256QAM	3	3	18.63	18.70	18.68	
1.4	256QAM	6	0	18.63	18.67	18.65	19.7

<LTE Band 7_Ant 0_Index 1>

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	23.85	23.86	23.74	25
20	QPSK	1	49	23.81	23.60	23.71	
20	QPSK	1	99	23.84	23.85	23.73	
20	QPSK	50	0	22.75	22.76	22.71	24
20	QPSK	50	24	22.73	22.74	22.69	
20	QPSK	50	50	22.73	22.74	22.70	
20	QPSK	100	0	22.78	22.79	22.75	
20	16QAM	1	0	23.17	23.12	23.01	24
20	16QAM	1	49	23.18	23.14	23.11	
20	16QAM	1	99	23.22	23.14	23.17	
20	16QAM	50	0	21.83	21.79	21.73	23
20	16QAM	50	24	21.84	21.77	21.75	
20	16QAM	50	50	21.87	21.79	21.80	
20	16QAM	100	0	21.86	21.78	21.79	
20	64QAM	1	0	22.05	22.00	21.93	23
20	64QAM	1	49	22.09	22.01	22.07	
20	64QAM	1	99	22.08	21.99	22.07	
20	64QAM	50	0	20.87	20.82	20.77	22
20	64QAM	50	24	20.91	20.83	20.80	
20	64QAM	50	50	20.92	20.82	20.82	
20	64QAM	100	0	20.90	20.82	20.78	
20	256QAM	1	0	18.90	18.91	18.90	20
20	256QAM	1	49	18.58	18.63	18.56	
20	256QAM	1	99	18.75	18.81	18.77	
20	256QAM	50	0	18.69	18.76	18.73	20
20	256QAM	50	24	18.72	18.75	18.72	
20	256QAM	50	50	18.72	18.74	18.67	
20	256QAM	100	0	18.69	18.74	18.72	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.73	23.73	23.73	25
15	QPSK	1	37	23.62	23.52	23.61	
15	QPSK	1	74	23.78	23.77	23.77	
15	QPSK	36	0	22.70	22.71	22.71	24
15	QPSK	36	20	22.73	22.71	22.72	
15	QPSK	36	39	22.75	22.71	22.73	
15	QPSK	75	0	22.73	22.70	22.71	
15	16QAM	1	0	23.00	23.03	23.03	24
15	16QAM	1	37	23.09	23.04	23.08	
15	16QAM	1	74	23.10	23.01	23.04	
15	16QAM	36	0	21.68	21.68	21.68	23
15	16QAM	36	20	21.73	21.67	21.69	
15	16QAM	36	39	21.72	21.70	21.70	
15	16QAM	75	0	21.72	21.68	21.69	
15	64QAM	1	0	21.82	21.89	21.88	23
15	64QAM	1	37	22.05	22.00	22.02	
15	64QAM	1	74	21.96	21.88	21.89	
15	64QAM	36	0	20.67	20.65	20.70	22
15	64QAM	36	20	20.72	20.65	20.71	
15	64QAM	36	39	20.74	20.69	20.70	
15	64QAM	75	0	20.69	20.64	20.66	
15	256QAM	1	0	18.82	18.83	18.82	20
15	256QAM	1	37	18.51	18.56	18.52	
15	256QAM	1	74	18.67	18.76	18.70	
15	256QAM	36	0	18.65	18.70	18.67	20
15	256QAM	36	20	18.66	18.69	18.65	

15	256QAM	36	39	18.66	18.71	18.60	
15	256QAM	75	0	18.61	18.71	18.69	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.69	23.73	23.67	25
10	QPSK	1	25	23.72	23.67	23.71	
10	QPSK	1	49	23.72	23.74	23.71	
10	QPSK	25	0	22.69	22.71	22.69	24
10	QPSK	25	12	22.71	22.71	22.71	
10	QPSK	25	25	22.73	22.73	22.71	
10	QPSK	50	0	22.72	22.72	22.74	
10	16QAM	1	0	22.95	22.96	22.95	24
10	16QAM	1	25	22.99	22.95	22.95	
10	16QAM	1	49	23.06	23.00	22.97	
10	16QAM	25	0	21.68	21.69	21.68	23
10	16QAM	25	12	21.70	21.69	21.69	
10	16QAM	25	25	21.72	21.71	21.70	
10	16QAM	50	0	21.69	21.69	21.68	
10	64QAM	1	0	21.77	21.82	21.79	23
10	64QAM	1	25	21.80	21.78	21.76	
10	64QAM	1	49	21.91	21.84	21.83	
10	64QAM	25	0	20.63	20.65	20.65	22
10	64QAM	25	12	20.69	20.66	20.65	
10	64QAM	25	25	20.67	20.66	20.67	
10	64QAM	50	0	20.68	20.67	20.70	
10	256QAM	1	0	18.82	18.86	18.84	20
10	256QAM	1	25	18.50	18.56	18.48	
10	256QAM	1	49	18.67	18.77	18.69	
10	256QAM	25	0	18.62	18.69	18.69	20
10	256QAM	25	12	18.67	18.72	18.68	
10	256QAM	25	25	18.65	18.68	18.62	
10	256QAM	50	0	18.63	18.68	18.67	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.74	23.73	23.66	25
5	QPSK	1	12	23.72	23.64	23.64	
5	QPSK	1	24	23.73	23.71	23.72	
5	QPSK	12	0	22.70	22.70	22.70	24
5	QPSK	12	7	22.69	22.68	22.70	
5	QPSK	12	13	22.71	22.70	22.72	
5	QPSK	25	0	22.71	22.69	22.73	
5	16QAM	1	0	23.03	23.05	23.06	24
5	16QAM	1	12	23.09	23.02	23.03	
5	16QAM	1	24	23.08	23.03	23.04	
5	16QAM	12	0	21.66	21.67	21.68	23
5	16QAM	12	7	21.68	21.71	21.72	
5	16QAM	12	13	21.69	21.68	21.68	
5	16QAM	25	0	21.65	21.65	21.67	
5	64QAM	1	0	21.90	21.93	21.93	23
5	64QAM	1	12	22.03	22.05	22.05	
5	64QAM	1	24	21.94	21.92	21.94	
5	64QAM	12	0	20.65	20.68	20.71	22
5	64QAM	12	7	20.67	20.69	20.72	
5	64QAM	12	13	20.68	20.67	20.73	
5	64QAM	25	0	20.61	20.64	20.67	
5	256QAM	1	0	18.84	18.85	18.83	20
5	256QAM	1	12	18.50	18.56	18.50	
5	256QAM	1	24	18.72	18.76	18.73	
5	256QAM	12	0	18.63	18.69	18.70	20
5	256QAM	12	7	18.67	18.72	18.66	
5	256QAM	12	13	18.69	18.69	18.63	
5	256QAM	25	0	18.63	18.67	18.66	

<LTE Band 7_Ant 0_Index 2>

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	23.85	23.86	23.74	25
20	QPSK	1	49	23.81	23.60	23.71	
20	QPSK	1	99	23.84	23.85	23.73	
20	QPSK	50	0	22.75	22.76	22.71	24
20	QPSK	50	24	22.73	22.74	22.69	
20	QPSK	50	50	22.73	22.74	22.70	
20	QPSK	100	0	22.78	22.79	22.75	
20	16QAM	1	0	23.17	23.12	23.01	24
20	16QAM	1	49	23.18	23.14	23.11	
20	16QAM	1	99	23.22	23.14	23.17	
20	16QAM	50	0	21.83	21.79	21.73	23
20	16QAM	50	24	21.84	21.77	21.75	
20	16QAM	50	50	21.87	21.79	21.80	
20	16QAM	100	0	21.86	21.78	21.79	
20	64QAM	1	0	22.05	22.00	21.93	23
20	64QAM	1	49	22.09	22.01	22.07	
20	64QAM	1	99	22.08	21.99	22.07	
20	64QAM	50	0	20.87	20.82	20.77	22
20	64QAM	50	24	20.91	20.83	20.80	
20	64QAM	50	50	20.92	20.82	20.82	
20	64QAM	100	0	20.90	20.82	20.78	
20	256QAM	1	0	18.90	18.91	18.90	20
20	256QAM	1	49	18.58	18.63	18.56	
20	256QAM	1	99	18.75	18.81	18.77	
20	256QAM	50	0	18.69	18.76	18.73	20
20	256QAM	50	24	18.72	18.75	18.72	
20	256QAM	50	50	18.72	18.74	18.67	
20	256QAM	100	0	18.69	18.74	18.72	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.73	23.73	23.73	25
15	QPSK	1	37	23.62	23.52	23.61	
15	QPSK	1	74	23.78	23.77	23.77	
15	QPSK	36	0	22.70	22.71	22.71	24
15	QPSK	36	20	22.73	22.71	22.72	
15	QPSK	36	39	22.75	22.71	22.73	
15	QPSK	75	0	22.73	22.70	22.71	
15	16QAM	1	0	23.00	23.03	23.03	24
15	16QAM	1	37	23.09	23.04	23.08	
15	16QAM	1	74	23.10	23.01	23.04	
15	16QAM	36	0	21.68	21.68	21.68	23
15	16QAM	36	20	21.73	21.67	21.69	
15	16QAM	36	39	21.72	21.70	21.70	
15	16QAM	75	0	21.72	21.68	21.69	
15	64QAM	1	0	21.82	21.89	21.88	23
15	64QAM	1	37	22.05	22.00	22.02	
15	64QAM	1	74	21.96	21.88	21.89	
15	64QAM	36	0	20.67	20.65	20.70	22
15	64QAM	36	20	20.72	20.65	20.71	
15	64QAM	36	39	20.74	20.69	20.70	
15	64QAM	75	0	20.69	20.64	20.66	
15	256QAM	1	0	18.82	18.83	18.82	20
15	256QAM	1	37	18.51	18.56	18.52	
15	256QAM	1	74	18.67	18.76	18.70	
15	256QAM	36	0	18.65	18.70	18.67	20
15	256QAM	36	20	18.66	18.69	18.65	

15	256QAM	36	39	18.66	18.71	18.60	
15	256QAM	75	0	18.61	18.71	18.69	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.69	23.73	23.67	25
10	QPSK	1	25	23.72	23.67	23.71	
10	QPSK	1	49	23.72	23.74	23.71	
10	QPSK	25	0	22.69	22.71	22.69	24
10	QPSK	25	12	22.71	22.71	22.71	
10	QPSK	25	25	22.73	22.73	22.71	
10	QPSK	50	0	22.72	22.72	22.74	
10	16QAM	1	0	22.95	22.96	22.95	24
10	16QAM	1	25	22.99	22.95	22.95	
10	16QAM	1	49	23.06	23.00	22.97	
10	16QAM	25	0	21.68	21.69	21.68	23
10	16QAM	25	12	21.70	21.69	21.69	
10	16QAM	25	25	21.72	21.71	21.70	
10	16QAM	50	0	21.69	21.69	21.68	
10	64QAM	1	0	21.77	21.82	21.79	23
10	64QAM	1	25	21.80	21.78	21.76	
10	64QAM	1	49	21.91	21.84	21.83	
10	64QAM	25	0	20.63	20.65	20.65	22
10	64QAM	25	12	20.69	20.66	20.65	
10	64QAM	25	25	20.67	20.66	20.67	
10	64QAM	50	0	20.68	20.67	20.70	
10	256QAM	1	0	18.82	18.86	18.84	20
10	256QAM	1	25	18.50	18.56	18.48	
10	256QAM	1	49	18.67	18.77	18.69	
10	256QAM	25	0	18.62	18.69	18.69	20
10	256QAM	25	12	18.67	18.72	18.68	
10	256QAM	25	25	18.65	18.68	18.62	
10	256QAM	50	0	18.63	18.68	18.67	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.74	23.73	23.66	25
5	QPSK	1	12	23.72	23.64	23.64	
5	QPSK	1	24	23.73	23.71	23.72	
5	QPSK	12	0	22.70	22.70	22.70	24
5	QPSK	12	7	22.69	22.68	22.70	
5	QPSK	12	13	22.71	22.70	22.72	
5	QPSK	25	0	22.71	22.69	22.73	
5	16QAM	1	0	23.03	23.05	23.06	24
5	16QAM	1	12	23.09	23.02	23.03	
5	16QAM	1	24	23.08	23.03	23.04	
5	16QAM	12	0	21.66	21.67	21.68	23
5	16QAM	12	7	21.68	21.71	21.72	
5	16QAM	12	13	21.69	21.68	21.68	
5	16QAM	25	0	21.65	21.65	21.67	
5	64QAM	1	0	21.90	21.93	21.93	23
5	64QAM	1	12	22.03	22.05	22.05	
5	64QAM	1	24	21.94	21.92	21.94	
5	64QAM	12	0	20.65	20.68	20.71	22
5	64QAM	12	7	20.67	20.69	20.72	
5	64QAM	12	13	20.68	20.67	20.73	
5	64QAM	25	0	20.61	20.64	20.67	
5	256QAM	1	0	18.84	18.85	18.83	20
5	256QAM	1	12	18.50	18.56	18.50	
5	256QAM	1	24	18.72	18.76	18.73	
5	256QAM	12	0	18.63	18.69	18.70	20
5	256QAM	12	7	18.67	18.72	18.66	
5	256QAM	12	13	18.69	18.69	18.63	
5	256QAM	25	0	18.63	18.67	18.66	

<LTE Band 7_Ant 0_Index 3>

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	23.85	23.86	23.74	25
20	QPSK	1	49	23.81	23.60	23.71	
20	QPSK	1	99	23.84	23.85	23.73	
20	QPSK	50	0	22.75	22.76	22.71	24
20	QPSK	50	24	22.73	22.74	22.69	
20	QPSK	50	50	22.73	22.74	22.70	
20	QPSK	100	0	22.78	22.79	22.75	
20	16QAM	1	0	23.17	23.12	23.01	24
20	16QAM	1	49	23.18	23.14	23.11	
20	16QAM	1	99	23.22	23.14	23.17	
20	16QAM	50	0	21.83	21.79	21.73	23
20	16QAM	50	24	21.84	21.77	21.75	
20	16QAM	50	50	21.87	21.79	21.80	
20	16QAM	100	0	21.86	21.78	21.79	
20	64QAM	1	0	22.05	22.00	21.93	23
20	64QAM	1	49	22.09	22.01	22.07	
20	64QAM	1	99	22.08	21.99	22.07	
20	64QAM	50	0	20.87	20.82	20.77	22
20	64QAM	50	24	20.91	20.83	20.80	
20	64QAM	50	50	20.92	20.82	20.82	
20	64QAM	100	0	20.90	20.82	20.78	
20	256QAM	1	0	18.90	18.91	18.90	20
20	256QAM	1	49	18.58	18.63	18.56	
20	256QAM	1	99	18.75	18.81	18.77	
20	256QAM	50	0	18.69	18.76	18.73	20
20	256QAM	50	24	18.72	18.75	18.72	
20	256QAM	50	50	18.72	18.74	18.67	
20	256QAM	100	0	18.69	18.74	18.72	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.73	23.73	23.73	25
15	QPSK	1	37	23.62	23.52	23.61	
15	QPSK	1	74	23.78	23.77	23.77	
15	QPSK	36	0	22.70	22.71	22.71	24
15	QPSK	36	20	22.73	22.71	22.72	
15	QPSK	36	39	22.75	22.71	22.73	
15	QPSK	75	0	22.73	22.70	22.71	
15	16QAM	1	0	23.00	23.03	23.03	24
15	16QAM	1	37	23.09	23.04	23.08	
15	16QAM	1	74	23.10	23.01	23.04	
15	16QAM	36	0	21.68	21.68	21.68	23
15	16QAM	36	20	21.73	21.67	21.69	
15	16QAM	36	39	21.72	21.70	21.70	
15	16QAM	75	0	21.72	21.68	21.69	
15	64QAM	1	0	21.82	21.89	21.88	23
15	64QAM	1	37	22.05	22.00	22.02	
15	64QAM	1	74	21.96	21.88	21.89	
15	64QAM	36	0	20.67	20.65	20.70	22
15	64QAM	36	20	20.72	20.65	20.71	
15	64QAM	36	39	20.74	20.69	20.70	
15	64QAM	75	0	20.69	20.64	20.66	
15	256QAM	1	0	18.82	18.83	18.82	20
15	256QAM	1	37	18.51	18.56	18.52	
15	256QAM	1	74	18.67	18.76	18.70	
15	256QAM	36	0	18.65	18.70	18.67	20
15	256QAM	36	20	18.66	18.69	18.65	

15	256QAM	36	39	18.66	18.71	18.60	
15	256QAM	75	0	18.61	18.71	18.69	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.69	23.73	23.67	25
10	QPSK	1	25	23.72	23.67	23.71	
10	QPSK	1	49	23.72	23.74	23.71	
10	QPSK	25	0	22.69	22.71	22.69	24
10	QPSK	25	12	22.71	22.71	22.71	
10	QPSK	25	25	22.73	22.73	22.71	
10	QPSK	50	0	22.72	22.72	22.74	
10	16QAM	1	0	22.95	22.96	22.95	24
10	16QAM	1	25	22.99	22.95	22.95	
10	16QAM	1	49	23.06	23.00	22.97	
10	16QAM	25	0	21.68	21.69	21.68	23
10	16QAM	25	12	21.70	21.69	21.69	
10	16QAM	25	25	21.72	21.71	21.70	
10	16QAM	50	0	21.69	21.69	21.68	
10	64QAM	1	0	21.77	21.82	21.79	23
10	64QAM	1	25	21.80	21.78	21.76	
10	64QAM	1	49	21.91	21.84	21.83	
10	64QAM	25	0	20.63	20.65	20.65	22
10	64QAM	25	12	20.69	20.66	20.65	
10	64QAM	25	25	20.67	20.66	20.67	
10	64QAM	50	0	20.68	20.67	20.70	
10	256QAM	1	0	18.82	18.86	18.84	20
10	256QAM	1	25	18.50	18.56	18.48	
10	256QAM	1	49	18.67	18.77	18.69	
10	256QAM	25	0	18.62	18.69	18.69	20
10	256QAM	25	12	18.67	18.72	18.68	
10	256QAM	25	25	18.65	18.68	18.62	
10	256QAM	50	0	18.63	18.68	18.67	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.74	23.73	23.66	25
5	QPSK	1	12	23.72	23.64	23.64	
5	QPSK	1	24	23.73	23.71	23.72	
5	QPSK	12	0	22.70	22.70	22.70	24
5	QPSK	12	7	22.69	22.68	22.70	
5	QPSK	12	13	22.71	22.70	22.72	
5	QPSK	25	0	22.71	22.69	22.73	
5	16QAM	1	0	23.03	23.05	23.06	24
5	16QAM	1	12	23.09	23.02	23.03	
5	16QAM	1	24	23.08	23.03	23.04	
5	16QAM	12	0	21.66	21.67	21.68	23
5	16QAM	12	7	21.68	21.71	21.72	
5	16QAM	12	13	21.69	21.68	21.68	
5	16QAM	25	0	21.65	21.65	21.67	
5	64QAM	1	0	21.90	21.93	21.93	23
5	64QAM	1	12	22.03	22.05	22.05	
5	64QAM	1	24	21.94	21.92	21.94	
5	64QAM	12	0	20.65	20.68	20.71	22
5	64QAM	12	7	20.67	20.69	20.72	
5	64QAM	12	13	20.68	20.67	20.73	
5	64QAM	25	0	20.61	20.64	20.67	
5	256QAM	1	0	18.84	18.85	18.83	20
5	256QAM	1	12	18.50	18.56	18.50	
5	256QAM	1	24	18.72	18.76	18.73	
5	256QAM	12	0	18.63	18.69	18.70	20
5	256QAM	12	7	18.67	18.72	18.66	
5	256QAM	12	13	18.69	18.69	18.63	
5	256QAM	25	0	18.63	18.67	18.66	

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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	19.31	19.32	19.20	20.6
20	QPSK	1	49	19.25	19.15	19.13	
20	QPSK	1	99	19.28	19.23	19.18	
20	QPSK	50	0	19.30	19.34	19.22	20.6
20	QPSK	50	24	19.28	19.30	19.20	
20	QPSK	50	50	19.21	19.24	19.21	
20	QPSK	100	0	19.30	19.33	19.22	
20	16QAM	1	0	19.60	19.48	19.45	20.6
20	16QAM	1	49	19.72	19.50	19.50	
20	16QAM	1	99	19.75	19.76	19.66	
20	16QAM	50	0	19.31	19.22	19.21	20.6
20	16QAM	50	24	19.35	19.21	19.25	
20	16QAM	50	50	19.37	19.25	19.27	
20	16QAM	100	0	19.39	19.25	19.28	
20	64QAM	1	0	19.51	19.39	19.34	20.6
20	64QAM	1	49	19.62	19.50	19.56	
20	64QAM	1	99	19.63	19.51	19.55	
20	64QAM	50	0	19.36	19.24	19.25	20.6
20	64QAM	50	24	19.38	19.24	19.27	
20	64QAM	50	50	19.41	19.28	19.31	
20	64QAM	100	0	19.39	19.25	19.28	
20	256QAM	1	0	18.74	18.84	18.78	20
20	256QAM	1	49	18.47	18.56	18.45	
20	256QAM	1	99	18.66	18.72	18.63	
20	256QAM	50	0	18.53	18.64	18.65	20
20	256QAM	50	24	18.67	18.58	18.60	
20	256QAM	50	50	18.57	18.60	18.56	
20	256QAM	100	0	18.59	18.59	18.61	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.30	19.28	19.12	20.6
15	QPSK	1	37	19.23	19.06	19.05	
15	QPSK	1	74	19.22	19.21	19.15	
15	QPSK	36	0	19.21	19.25	19.15	20.6
15	QPSK	36	20	19.22	19.25	19.18	
15	QPSK	36	39	19.12	19.19	19.17	
15	QPSK	75	0	19.24	19.23	19.17	
15	16QAM	1	0	19.56	19.44	19.41	20.6
15	16QAM	1	37	19.71	19.40	19.44	
15	16QAM	1	74	19.66	19.74	19.60	
15	16QAM	36	0	19.29	19.18	19.18	20.6
15	16QAM	36	20	19.29	19.14	19.21	
15	16QAM	36	39	19.35	19.21	19.18	
15	16QAM	75	0	19.35	19.22	19.22	
15	64QAM	1	0	19.45	19.31	19.30	20.6
15	64QAM	1	37	19.56	19.43	19.48	
15	64QAM	1	74	19.53	19.41	19.49	
15	64QAM	36	0	19.34	19.15	19.20	20.6
15	64QAM	36	20	19.33	19.18	19.22	
15	64QAM	36	39	19.31	19.23	19.22	
15	64QAM	75	0	19.37	19.19	19.27	
15	256QAM	1	0	18.65	18.75	18.69	20
15	256QAM	1	37	18.38	18.48	18.36	
15	256QAM	1	74	18.63	18.64	18.55	
15	256QAM	36	0	18.49	18.55	18.62	20
15	256QAM	36	20	18.60	18.55	18.59	

15	256QAM	36	39	18.53	18.59	18.47	
15	256QAM	75	0	18.50	18.50	18.52	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.26	19.28	19.18	20.6
10	QPSK	1	25	19.17	19.05	19.05	
10	QPSK	1	49	19.18	19.18	19.14	
10	QPSK	25	0	19.28	19.29	19.18	20.6
10	QPSK	25	12	19.22	19.24	19.17	
10	QPSK	25	25	19.15	19.18	19.17	
10	QPSK	50	0	19.29	19.26	19.18	
10	16QAM	1	0	19.52	19.44	19.41	20.6
10	16QAM	1	25	19.66	19.47	19.48	
10	16QAM	1	49	19.69	19.74	19.61	
10	16QAM	25	0	19.23	19.16	19.19	20.6
10	16QAM	25	12	19.26	19.14	19.24	
10	16QAM	25	25	19.35	19.19	19.25	
10	16QAM	50	0	19.29	19.20	19.19	
10	64QAM	1	0	19.44	19.31	19.32	20.6
10	64QAM	1	25	19.57	19.49	19.51	
10	64QAM	1	49	19.55	19.45	19.52	
10	64QAM	25	0	19.33	19.18	19.16	20.6
10	64QAM	25	12	19.30	19.18	19.18	
10	64QAM	25	25	19.34	19.25	19.21	
10	64QAM	50	0	19.30	19.21	19.20	
10	256QAM	1	0	18.71	18.77	18.71	20
10	256QAM	1	25	18.38	18.50	18.35	
10	256QAM	1	49	18.58	18.65	18.56	
10	256QAM	25	0	18.51	18.55	18.55	20
10	256QAM	25	12	18.60	18.48	18.50	
10	256QAM	25	25	18.47	18.56	18.48	
10	256QAM	50	0	18.57	18.56	18.54	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.26	19.22	19.11	20.6
5	QPSK	1	12	19.20	19.07	19.07	
5	QPSK	1	24	19.25	19.20	19.13	
5	QPSK	12	0	19.20	19.26	19.17	20.6
5	QPSK	12	7	19.24	19.20	19.13	
5	QPSK	12	13	19.12	19.22	19.15	
5	QPSK	25	0	19.20	19.24	19.20	
5	16QAM	1	0	19.57	19.43	19.44	20.6
5	16QAM	1	12	19.64	19.48	19.41	
5	16QAM	1	24	19.66	19.73	19.64	
5	16QAM	12	0	19.27	19.21	19.12	20.6
5	16QAM	12	7	19.32	19.18	19.23	
5	16QAM	12	13	19.34	19.15	19.25	
5	16QAM	25	0	19.32	19.15	19.27	
5	64QAM	1	0	19.49	19.35	19.31	20.6
5	64QAM	1	12	19.61	19.49	19.55	
5	64QAM	1	24	19.58	19.49	19.47	
5	64QAM	12	0	19.29	19.20	19.15	20.6
5	64QAM	12	7	19.30	19.16	19.22	
5	64QAM	12	13	19.36	19.24	19.29	
5	64QAM	25	0	19.33	19.19	19.25	
5	256QAM	1	0	18.72	18.78	18.69	20
5	256QAM	1	12	18.37	18.54	18.44	
5	256QAM	1	24	18.61	18.65	18.53	
5	256QAM	12	0	18.43	18.59	18.60	20
5	256QAM	12	7	18.66	18.53	18.58	
5	256QAM	12	13	18.49	18.50	18.47	
5	256QAM	25	0	18.58	18.56	18.58	

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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	20.30	20.33	20.26	22.2
20	QPSK	1	49	20.28	20.24	20.23	
20	QPSK	1	99	20.24	20.22	20.22	
20	QPSK	50	0	20.29	20.30	20.26	22.2
20	QPSK	50	24	20.28	20.23	20.24	
20	QPSK	50	50	20.24	20.24	20.22	
20	QPSK	100	0	20.25	20.29	20.21	
20	16QAM	1	0	20.59	20.55	20.48	22.2
20	16QAM	1	49	20.70	20.56	20.58	
20	16QAM	1	99	20.69	20.74	20.69	
20	16QAM	50	0	20.30	20.22	20.22	22.2
20	16QAM	50	24	20.34	20.25	20.24	
20	16QAM	50	50	20.36	20.28	20.30	
20	16QAM	100	0	20.34	20.29	20.30	
20	64QAM	1	0	20.49	20.41	20.37	22.2
20	64QAM	1	49	20.60	20.51	20.51	
20	64QAM	1	99	20.63	20.53	20.58	
20	64QAM	50	0	20.34	20.26	20.27	22
20	64QAM	50	24	20.36	20.29	20.29	
20	64QAM	50	50	20.40	20.31	20.31	
20	64QAM	100	0	20.36	20.30	20.31	
20	256QAM	1	0	18.83	18.83	18.83	20
20	256QAM	1	49	18.49	18.53	18.53	
20	256QAM	1	99	18.72	18.74	18.70	
20	256QAM	50	0	18.68	18.68	18.68	20
20	256QAM	50	24	18.65	18.66	18.65	
20	256QAM	50	50	18.63	18.68	18.62	
20	256QAM	100	0	18.66	18.65	18.62	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.21	20.31	20.22	22.2
15	QPSK	1	37	20.21	20.25	20.25	
15	QPSK	1	74	20.26	20.25	20.21	
15	QPSK	36	0	20.29	20.28	20.29	22.2
15	QPSK	36	20	20.28	20.21	20.27	
15	QPSK	36	39	20.21	20.25	20.22	
15	QPSK	75	0	20.27	20.29	20.24	
15	16QAM	1	0	20.49	20.56	20.40	22.2
15	16QAM	1	37	20.64	20.46	20.54	
15	16QAM	1	74	20.72	20.66	20.64	
15	16QAM	36	0	20.21	20.28	20.21	22.2
15	16QAM	36	20	20.30	20.25	20.27	
15	16QAM	36	39	20.27	20.23	20.25	
15	16QAM	75	0	20.27	20.26	20.29	
15	64QAM	1	0	20.41	20.33	20.35	22.2
15	64QAM	1	37	20.58	20.49	20.41	
15	64QAM	1	74	20.54	20.47	20.54	
15	64QAM	36	0	20.32	20.25	20.26	22
15	64QAM	36	20	20.35	20.28	20.23	
15	64QAM	36	39	20.33	20.27	20.28	
15	64QAM	75	0	20.26	20.26	20.22	
15	256QAM	1	0	18.81	18.89	18.87	20
15	256QAM	1	37	18.50	18.62	18.54	
15	256QAM	1	74	18.70	18.74	18.71	
15	256QAM	36	0	18.63	18.67	18.67	20
15	256QAM	36	20	18.71	18.66	18.63	

15	256QAM	36	39	18.65	18.65	18.62	
15	256QAM	75	0	18.64	18.66	18.69	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.25	20.25	20.27	22.2
10	QPSK	1	25	20.26	20.22	20.27	
10	QPSK	1	49	20.29	20.29	20.28	
10	QPSK	25	0	20.28	20.26	20.26	22.2
10	QPSK	25	12	20.27	20.24	20.28	
10	QPSK	25	25	20.28	20.25	20.23	
10	QPSK	50	0	20.25	20.24	20.20	
10	16QAM	1	0	20.49	20.46	20.47	22.2
10	16QAM	1	25	20.68	20.49	20.51	
10	16QAM	1	49	20.72	20.60	20.60	
10	16QAM	25	0	20.29	20.20	20.22	22.2
10	16QAM	25	12	20.26	20.29	20.26	
10	16QAM	25	25	20.30	20.24	20.27	
10	16QAM	50	0	20.25	20.29	20.25	
10	64QAM	1	0	20.42	20.34	20.31	22.2
10	64QAM	1	25	20.55	20.47	20.45	
10	64QAM	1	49	20.57	20.47	20.49	
10	64QAM	25	0	20.27	20.20	20.24	22
10	64QAM	25	12	20.32	20.27	20.25	
10	64QAM	25	25	20.32	20.25	20.29	
10	64QAM	50	0	20.26	20.28	20.29	
10	256QAM	1	0	18.87	18.87	18.88	20
10	256QAM	1	25	18.53	18.53	18.50	
10	256QAM	1	49	18.68	18.72	18.70	
10	256QAM	25	0	18.59	18.75	18.64	20
10	256QAM	25	12	18.64	18.70	18.64	
10	256QAM	25	25	18.67	18.70	18.61	
10	256QAM	50	0	18.63	18.73	18.71	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.20	20.26	20.25	22.2
5	QPSK	1	12	20.21	20.20	20.21	
5	QPSK	1	24	20.26	20.28	20.28	
5	QPSK	12	0	20.28	20.28	20.27	22.2
5	QPSK	12	7	20.25	20.20	20.28	
5	QPSK	12	13	20.23	20.25	20.24	
5	QPSK	25	0	20.26	20.22	20.29	
5	16QAM	1	0	20.53	20.54	20.41	22.2
5	16QAM	1	12	20.67	20.51	20.50	
5	16QAM	1	24	20.73	20.63	20.62	
5	16QAM	12	0	20.27	20.25	20.23	22.2
5	16QAM	12	7	20.32	20.28	20.26	
5	16QAM	12	13	20.28	20.28	20.22	
5	16QAM	25	0	20.31	20.26	20.22	
5	64QAM	1	0	20.40	20.31	20.34	22.2
5	64QAM	1	12	20.57	20.41	20.47	
5	64QAM	1	24	20.60	20.50	20.48	
5	64QAM	12	0	20.29	20.17	20.24	22
5	64QAM	12	7	20.35	20.25	20.19	
5	64QAM	12	13	20.38	20.24	20.21	
5	64QAM	25	0	20.34	20.27	20.25	
5	256QAM	1	0	18.81	18.85	18.89	20
5	256QAM	1	12	18.57	18.58	18.49	
5	256QAM	1	24	18.68	18.74	18.69	
5	256QAM	12	0	18.60	18.74	18.69	20
5	256QAM	12	7	18.70	18.72	18.67	
5	256QAM	12	13	18.70	18.73	18.59	
5	256QAM	25	0	18.66	18.66	18.67	

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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	20.30	20.33	20.26	21.5
20	QPSK	1	49	20.28	20.24	20.23	
20	QPSK	1	99	20.24	20.22	20.22	
20	QPSK	50	0	20.29	20.30	20.26	21.5
20	QPSK	50	24	20.28	20.23	20.24	
20	QPSK	50	50	20.24	20.24	20.22	
20	QPSK	100	0	20.25	20.29	20.21	
20	16QAM	1	0	20.59	20.55	20.48	21.5
20	16QAM	1	49	20.70	20.56	20.58	
20	16QAM	1	99	20.69	20.74	20.69	
20	16QAM	50	0	20.30	20.22	20.22	21.5
20	16QAM	50	24	20.34	20.25	20.24	
20	16QAM	50	50	20.36	20.28	20.30	
20	16QAM	100	0	20.34	20.29	20.30	
20	64QAM	1	0	20.49	20.41	20.37	21.5
20	64QAM	1	49	20.60	20.51	20.51	
20	64QAM	1	99	20.63	20.53	20.58	
20	64QAM	50	0	20.34	20.26	20.27	21.5
20	64QAM	50	24	20.36	20.29	20.29	
20	64QAM	50	50	20.40	20.31	20.31	
20	64QAM	100	0	20.36	20.30	20.31	
20	256QAM	1	0	18.83	18.83	18.83	19
20	256QAM	1	49	18.49	18.53	18.53	
20	256QAM	1	99	18.72	18.74	18.70	
20	256QAM	50	0	18.68	18.68	18.68	19
20	256QAM	50	24	18.65	18.66	18.65	
20	256QAM	50	50	18.63	18.68	18.62	
20	256QAM	100	0	18.66	18.65	18.62	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	20.21	20.31	20.22	21.5
15	QPSK	1	37	20.21	20.25	20.25	
15	QPSK	1	74	20.26	20.25	20.21	
15	QPSK	36	0	20.29	20.28	20.29	21.5
15	QPSK	36	20	20.28	20.21	20.27	
15	QPSK	36	39	20.21	20.25	20.22	
15	QPSK	75	0	20.27	20.29	20.24	
15	16QAM	1	0	20.49	20.56	20.40	21.5
15	16QAM	1	37	20.64	20.46	20.54	
15	16QAM	1	74	20.72	20.66	20.64	
15	16QAM	36	0	20.21	20.28	20.21	21.5
15	16QAM	36	20	20.30	20.25	20.27	
15	16QAM	36	39	20.27	20.23	20.25	
15	16QAM	75	0	20.27	20.26	20.29	
15	64QAM	1	0	20.41	20.33	20.35	21.5
15	64QAM	1	37	20.58	20.49	20.41	
15	64QAM	1	74	20.54	20.47	20.54	
15	64QAM	36	0	20.32	20.25	20.26	21.5
15	64QAM	36	20	20.35	20.28	20.23	
15	64QAM	36	39	20.33	20.27	20.28	
15	64QAM	75	0	20.26	20.26	20.22	
15	256QAM	1	0	18.81	18.89	18.87	19
15	256QAM	1	37	18.50	18.62	18.54	
15	256QAM	1	74	18.70	18.74	18.71	
15	256QAM	36	0	18.63	18.67	18.67	19
15	256QAM	36	20	18.71	18.66	18.63	

15	256QAM	36	39	18.65	18.65	18.62	
15	256QAM	75	0	18.64	18.66	18.69	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	20.25	20.25	20.27	21.5
10	QPSK	1	25	20.26	20.22	20.27	
10	QPSK	1	49	20.29	20.29	20.28	
10	QPSK	25	0	20.28	20.26	20.26	21.5
10	QPSK	25	12	20.27	20.24	20.28	
10	QPSK	25	25	20.28	20.25	20.23	
10	QPSK	50	0	20.25	20.24	20.20	
10	16QAM	1	0	20.49	20.46	20.47	21.5
10	16QAM	1	25	20.68	20.49	20.51	
10	16QAM	1	49	20.72	20.60	20.60	
10	16QAM	25	0	20.29	20.20	20.22	21.5
10	16QAM	25	12	20.26	20.29	20.26	
10	16QAM	25	25	20.30	20.24	20.27	
10	16QAM	50	0	20.25	20.29	20.25	
10	64QAM	1	0	20.42	20.34	20.31	21.5
10	64QAM	1	25	20.55	20.47	20.45	
10	64QAM	1	49	20.57	20.47	20.49	
10	64QAM	25	0	20.27	20.20	20.24	21.5
10	64QAM	25	12	20.32	20.27	20.25	
10	64QAM	25	25	20.32	20.25	20.29	
10	64QAM	50	0	20.26	20.28	20.29	
10	256QAM	1	0	18.87	18.87	18.88	19
10	256QAM	1	25	18.53	18.53	18.50	
10	256QAM	1	49	18.68	18.72	18.70	
10	256QAM	25	0	18.59	18.75	18.64	19
10	256QAM	25	12	18.64	18.70	18.64	
10	256QAM	25	25	18.67	18.70	18.61	
10	256QAM	50	0	18.63	18.73	18.71	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	20.20	20.26	20.25	21.5
5	QPSK	1	12	20.21	20.20	20.21	
5	QPSK	1	24	20.26	20.28	20.28	
5	QPSK	12	0	20.28	20.28	20.27	21.5
5	QPSK	12	7	20.25	20.20	20.28	
5	QPSK	12	13	20.23	20.25	20.24	
5	QPSK	25	0	20.26	20.22	20.29	
5	16QAM	1	0	20.53	20.54	20.41	21.5
5	16QAM	1	12	20.67	20.51	20.50	
5	16QAM	1	24	20.73	20.63	20.62	
5	16QAM	12	0	20.27	20.25	20.23	21.5
5	16QAM	12	7	20.32	20.28	20.26	
5	16QAM	12	13	20.28	20.28	20.22	
5	16QAM	25	0	20.31	20.26	20.22	
5	64QAM	1	0	20.40	20.31	20.34	21.5
5	64QAM	1	12	20.57	20.41	20.47	
5	64QAM	1	24	20.60	20.50	20.48	
5	64QAM	12	0	20.29	20.17	20.24	21.5
5	64QAM	12	7	20.35	20.25	20.19	
5	64QAM	12	13	20.38	20.24	20.21	
5	64QAM	25	0	20.34	20.27	20.25	
5	256QAM	1	0	18.81	18.85	18.89	19
5	256QAM	1	12	18.57	18.58	18.49	
5	256QAM	1	24	18.68	18.74	18.69	
5	256QAM	12	0	18.60	18.74	18.69	19
5	256QAM	12	7	18.70	18.72	18.67	
5	256QAM	12	13	18.70	18.73	18.59	
5	256QAM	25	0	18.66	18.66	18.67	

<LTE Band 12_Ant 1_Index 1>

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	23.99	23.94	23.92	24.7
10	QPSK	1	25	23.98	23.90	23.86	
10	QPSK	1	49	23.98	23.93	23.89	
10	QPSK	25	0	23.05	22.99	22.98	23.7
10	QPSK	25	12	23.02	22.97	22.99	
10	QPSK	25	25	23.04	22.96	23.01	
10	QPSK	50	0	23.04	22.98	22.99	
10	16QAM	1	0	23.23	23.23	23.16	23.7
10	16QAM	1	25	23.44	23.30	23.15	
10	16QAM	1	49	23.17	23.18	23.18	
10	16QAM	25	0	22.04	21.97	21.97	22.7
10	16QAM	25	12	22.02	21.95	21.96	
10	16QAM	25	25	22.03	21.96	21.98	
10	16QAM	50	0	22.02	21.97	21.96	
10	64QAM	1	0	22.14	22.14	22.09	22.7
10	64QAM	1	25	22.16	22.18	22.05	
10	64QAM	1	49	22.12	22.09	22.10	
10	64QAM	25	0	21.03	20.95	20.97	21.7
10	64QAM	25	12	21.01	20.95	20.96	
10	64QAM	25	25	20.98	20.95	20.96	
10	64QAM	50	0	21.02	20.96	20.97	
10	256QAM	1	0	19.01	19.11	19.15	19.7
10	256QAM	1	25	18.82	18.87	18.82	
10	256QAM	1	49	18.63	18.69	18.67	
10	256QAM	25	0	18.99	19.02	19.00	19.7
10	256QAM	25	12	18.88	18.94	18.92	
10	256QAM	25	25	18.84	18.86	18.83	
10	256QAM	50	0	18.95	19.01	18.97	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.85	23.85	24.7
5	QPSK	1	12	23.88	23.86	23.83	
5	QPSK	1	24	23.85	23.85	23.83	
5	QPSK	12	0	22.95	22.92	22.92	23.7
5	QPSK	12	7	22.93	22.96	22.92	
5	QPSK	12	13	22.95	22.95	22.93	
5	QPSK	25	0	22.93	22.92	22.91	
5	16QAM	1	0	23.19	23.22	23.13	23.7
5	16QAM	1	12	23.24	23.21	23.24	
5	16QAM	1	24	23.20	23.14	23.15	
5	16QAM	12	0	21.92	21.90	21.91	22.7
5	16QAM	12	7	21.95	21.93	21.95	
5	16QAM	12	13	21.93	21.89	21.94	
5	16QAM	25	0	21.91	21.88	21.89	
5	64QAM	1	0	22.00	22.13	22.02	22.7
5	64QAM	1	12	22.16	22.20	22.11	
5	64QAM	1	24	22.11	22.05	21.96	
5	64QAM	12	0	20.95	20.92	20.97	21.7
5	64QAM	12	7	20.94	20.91	20.97	
5	64QAM	12	13	20.95	20.91	20.94	
5	64QAM	25	0	20.88	20.88	20.87	
5	256QAM	1	0	18.98	19.04	19.12	19.7
5	256QAM	1	12	18.78	18.79	18.74	
5	256QAM	1	24	18.60	18.63	18.59	
5	256QAM	12	0	18.95	18.96	18.93	19.7
5	256QAM	12	7	18.82	18.91	18.85	

5	256QAM	12	13	18.81	18.78	18.78	
5	256QAM	25	0	18.91	18.96	18.90	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.89	23.89	23.90	24.7
3	QPSK	1	8	23.82	23.86	23.91	
3	QPSK	1	14	23.87	23.91	23.82	
3	QPSK	8	0	22.97	22.94	22.95	23.7
3	QPSK	8	4	22.90	22.86	22.87	
3	QPSK	8	7	22.97	22.93	22.94	
3	QPSK	15	0	23.01	22.93	22.94	
3	16QAM	1	0	23.20	23.23	23.21	23.7
3	16QAM	1	8	23.14	23.13	23.15	
3	16QAM	1	14	23.08	23.15	23.16	
3	16QAM	8	0	21.99	21.98	22.01	22.7
3	16QAM	8	4	22.02	21.91	21.94	
3	16QAM	8	7	22.00	21.92	22.01	
3	16QAM	15	0	22.01	21.98	21.95	
3	64QAM	1	0	22.16	22.15	22.02	22.7
3	64QAM	1	8	21.98	22.03	22.06	
3	64QAM	1	14	22.05	21.92	22.13	
3	64QAM	8	0	20.98	20.92	20.91	21.7
3	64QAM	8	4	20.96	20.91	20.92	
3	64QAM	8	7	21.03	20.98	20.98	
3	64QAM	15	0	20.97	20.92	20.92	
3	256QAM	1	0	18.98	19.05	19.08	19.7
3	256QAM	1	8	18.79	18.81	18.77	
3	256QAM	1	14	18.55	18.62	18.63	
3	256QAM	8	0	18.95	18.98	18.95	19.7
3	256QAM	8	4	18.84	18.90	18.86	
3	256QAM	8	7	18.78	18.78	18.79	
3	256QAM	15	0	18.89	18.97	18.94	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.88	23.82	23.90	24.7
1.4	QPSK	1	3	23.90	23.78	23.79	
1.4	QPSK	1	5	23.87	23.84	23.82	
1.4	QPSK	3	0	23.91	23.86	23.84	
1.4	QPSK	3	1	23.80	23.74	23.71	
1.4	QPSK	3	3	23.86	23.88	23.85	
1.4	QPSK	6	0	22.95	22.89	22.87	23.7
1.4	16QAM	1	0	23.12	23.16	23.10	23.7
1.4	16QAM	1	3	23.12	23.06	23.03	
1.4	16QAM	1	5	23.23	23.16	23.12	
1.4	16QAM	3	0	22.81	22.84	22.89	
1.4	16QAM	3	1	22.84	22.90	22.88	
1.4	16QAM	3	3	22.90	22.83	22.84	
1.4	16QAM	6	0	21.99	21.93	21.95	22.7
1.4	64QAM	1	0	22.14	22.07	22.12	22.7
1.4	64QAM	1	3	21.85	21.90	21.95	
1.4	64QAM	1	5	22.03	22.04	22.08	
1.4	64QAM	3	0	22.00	21.95	21.96	
1.4	64QAM	3	1	22.12	21.99	22.15	
1.4	64QAM	3	3	22.03	22.00	22.00	
1.4	64QAM	6	0	20.88	20.85	20.88	21.7
1.4	256QAM	1	0	19.00	18.87	19.01	19.7
1.4	256QAM	1	3	18.75	18.79	18.74	
1.4	256QAM	1	5	18.83	18.89	18.84	
1.4	256QAM	3	0	18.89	18.91	18.89	
1.4	256QAM	3	1	18.83	18.88	18.86	
1.4	256QAM	3	3	18.83	18.90	18.88	
1.4	256QAM	6	0	18.87	18.89	18.86	19.7

<LTE Band 12_Ant 1_Index 2>

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	23.99	23.94	23.92	24.6
10	QPSK	1	25	23.98	23.90	23.86	
10	QPSK	1	49	23.98	23.93	23.89	
10	QPSK	25	0	23.05	22.99	22.98	23.7
10	QPSK	25	12	23.02	22.97	22.99	
10	QPSK	25	25	23.04	22.96	23.01	
10	QPSK	50	0	23.04	22.98	22.99	
10	16QAM	1	0	23.23	23.23	23.16	23.7
10	16QAM	1	25	23.44	23.30	23.15	
10	16QAM	1	49	23.17	23.18	23.18	
10	16QAM	25	0	22.04	21.97	21.97	22.7
10	16QAM	25	12	22.02	21.95	21.96	
10	16QAM	25	25	22.03	21.96	21.98	
10	16QAM	50	0	22.02	21.97	21.96	
10	64QAM	1	0	22.14	22.14	22.09	22.7
10	64QAM	1	25	22.16	22.18	22.05	
10	64QAM	1	49	22.12	22.09	22.10	
10	64QAM	25	0	21.03	20.95	20.97	21.7
10	64QAM	25	12	21.01	20.95	20.96	
10	64QAM	25	25	20.98	20.95	20.96	
10	64QAM	50	0	21.02	20.96	20.97	
10	256QAM	1	0	19.01	19.11	19.15	19.7
10	256QAM	1	25	18.82	18.87	18.82	
10	256QAM	1	49	18.63	18.69	18.67	
10	256QAM	25	0	18.99	19.02	19.00	19.7
10	256QAM	25	12	18.88	18.94	18.92	
10	256QAM	25	25	18.84	18.86	18.83	
10	256QAM	50	0	18.95	19.01	18.97	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.85	23.85	24.6
5	QPSK	1	12	23.88	23.86	23.83	
5	QPSK	1	24	23.85	23.85	23.83	
5	QPSK	12	0	22.95	22.92	22.92	23.7
5	QPSK	12	7	22.93	22.96	22.92	
5	QPSK	12	13	22.95	22.95	22.93	
5	QPSK	25	0	22.93	22.92	22.91	
5	16QAM	1	0	23.19	23.22	23.13	23.7
5	16QAM	1	12	23.24	23.21	23.24	
5	16QAM	1	24	23.20	23.14	23.15	
5	16QAM	12	0	21.92	21.90	21.91	22.7
5	16QAM	12	7	21.95	21.93	21.95	
5	16QAM	12	13	21.93	21.89	21.94	
5	16QAM	25	0	21.91	21.88	21.89	
5	64QAM	1	0	22.00	22.13	22.02	22.7
5	64QAM	1	12	22.16	22.20	22.11	
5	64QAM	1	24	22.11	22.05	21.96	
5	64QAM	12	0	20.95	20.92	20.97	21.7
5	64QAM	12	7	20.94	20.91	20.97	
5	64QAM	12	13	20.95	20.91	20.94	
5	64QAM	25	0	20.88	20.88	20.87	
5	256QAM	1	0	18.98	19.04	19.12	19.7
5	256QAM	1	12	18.78	18.79	18.74	
5	256QAM	1	24	18.60	18.63	18.59	
5	256QAM	12	0	18.95	18.96	18.93	19.7
5	256QAM	12	7	18.82	18.91	18.85	

5	256QAM	12	13	18.81	18.78	18.78	
5	256QAM	25	0	18.91	18.96	18.90	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.89	23.89	23.90	24.6
3	QPSK	1	8	23.82	23.86	23.91	
3	QPSK	1	14	23.87	23.91	23.82	
3	QPSK	8	0	22.97	22.94	22.95	23.7
3	QPSK	8	4	22.90	22.86	22.87	
3	QPSK	8	7	22.97	22.93	22.94	
3	QPSK	15	0	23.01	22.93	22.94	
3	16QAM	1	0	23.20	23.23	23.21	23.7
3	16QAM	1	8	23.14	23.13	23.15	
3	16QAM	1	14	23.08	23.15	23.16	
3	16QAM	8	0	21.99	21.98	22.01	22.7
3	16QAM	8	4	22.02	21.91	21.94	
3	16QAM	8	7	22.00	21.92	22.01	
3	16QAM	15	0	22.01	21.98	21.95	
3	64QAM	1	0	22.16	22.15	22.02	22.7
3	64QAM	1	8	21.98	22.03	22.06	
3	64QAM	1	14	22.05	21.92	22.13	
3	64QAM	8	0	20.98	20.92	20.91	21.7
3	64QAM	8	4	20.96	20.91	20.92	
3	64QAM	8	7	21.03	20.98	20.98	
3	64QAM	15	0	20.97	20.92	20.92	
3	256QAM	1	0	18.98	19.05	19.08	19.7
3	256QAM	1	8	18.79	18.81	18.77	
3	256QAM	1	14	18.55	18.62	18.63	
3	256QAM	8	0	18.95	18.98	18.95	19.7
3	256QAM	8	4	18.84	18.90	18.86	
3	256QAM	8	7	18.78	18.78	18.79	
3	256QAM	15	0	18.89	18.97	18.94	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.88	23.82	23.90	24.6
1.4	QPSK	1	3	23.90	23.78	23.79	
1.4	QPSK	1	5	23.87	23.84	23.82	
1.4	QPSK	3	0	23.91	23.86	23.84	
1.4	QPSK	3	1	23.80	23.74	23.71	
1.4	QPSK	3	3	23.86	23.88	23.85	
1.4	QPSK	6	0	22.95	22.89	22.87	23.7
1.4	16QAM	1	0	23.12	23.16	23.10	23.7
1.4	16QAM	1	3	23.12	23.06	23.03	
1.4	16QAM	1	5	23.23	23.16	23.12	
1.4	16QAM	3	0	22.81	22.84	22.89	
1.4	16QAM	3	1	22.84	22.90	22.88	
1.4	16QAM	3	3	22.90	22.83	22.84	
1.4	16QAM	6	0	21.99	21.93	21.95	22.7
1.4	64QAM	1	0	22.14	22.07	22.12	22.7
1.4	64QAM	1	3	21.85	21.90	21.95	
1.4	64QAM	1	5	22.03	22.04	22.08	
1.4	64QAM	3	0	22.00	21.95	21.96	
1.4	64QAM	3	1	22.12	21.99	22.15	
1.4	64QAM	3	3	22.03	22.00	22.00	
1.4	64QAM	6	0	20.88	20.85	20.88	21.7
1.4	256QAM	1	0	19.00	18.87	19.01	19.7
1.4	256QAM	1	3	18.75	18.79	18.74	
1.4	256QAM	1	5	18.83	18.89	18.84	
1.4	256QAM	3	0	18.89	18.91	18.89	
1.4	256QAM	3	1	18.83	18.88	18.86	
1.4	256QAM	3	3	18.83	18.90	18.88	
1.4	256QAM	6	0	18.87	18.89	18.86	19.7

<LTE Band 12_Ant 1_Index 3>

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	22.71	22.66	22.63	23.4
10	QPSK	1	25	22.65	22.57	22.64	
10	QPSK	1	49	22.68	22.65	22.63	
10	QPSK	25	0	22.75	22.67	22.72	23.4
10	QPSK	25	12	22.74	22.66	22.70	
10	QPSK	25	25	22.74	22.65	22.71	
10	QPSK	50	0	22.75	22.69	22.79	
10	16QAM	1	0	22.99	23.00	22.91	23.4
10	16QAM	1	25	22.99	22.88	22.90	
10	16QAM	1	49	22.90	22.95	22.92	
10	16QAM	25	0	22.05	22.00	22.00	22.7
10	16QAM	25	12	22.02	21.96	21.99	
10	16QAM	25	25	22.03	21.97	22.01	
10	16QAM	50	0	22.03	21.98	22.01	
10	64QAM	1	0	22.18	22.11	22.10	22.7
10	64QAM	1	25	22.14	22.01	22.07	
10	64QAM	1	49	22.10	22.09	22.12	
10	64QAM	25	0	21.02	20.93	20.96	21.7
10	64QAM	25	12	21.01	20.93	20.97	
10	64QAM	25	25	20.99	20.92	20.98	
10	64QAM	50	0	21.03	20.97	21.00	
10	256QAM	1	0	18.97	19.01	19.11	19.7
10	256QAM	1	25	18.75	18.84	18.77	
10	256QAM	1	49	18.63	18.63	18.65	
10	256QAM	25	0	18.91	18.96	18.95	19.7
10	256QAM	25	12	18.79	18.90	18.87	
10	256QAM	25	25	18.80	18.85	18.76	
10	256QAM	50	0	18.86	19.00	18.90	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.69	22.57	22.53	23.4
5	QPSK	1	12	22.62	22.55	22.57	
5	QPSK	1	24	22.59	22.58	22.63	
5	QPSK	12	0	22.70	22.66	22.65	23.4
5	QPSK	12	7	22.70	22.69	22.68	
5	QPSK	12	13	22.70	22.61	22.67	
5	QPSK	25	0	22.65	22.59	22.73	
5	16QAM	1	0	22.94	22.92	22.81	23.4
5	16QAM	1	12	22.90	22.87	22.83	
5	16QAM	1	24	22.89	22.93	22.91	
5	16QAM	12	0	22.05	21.97	21.91	22.7
5	16QAM	12	7	21.97	21.89	21.89	
5	16QAM	12	13	21.98	21.92	21.92	
5	16QAM	25	0	21.97	21.97	21.98	
5	64QAM	1	0	22.09	22.09	22.03	22.7
5	64QAM	1	12	22.07	22.00	22.03	
5	64QAM	1	24	22.00	22.04	22.09	
5	64QAM	12	0	21.01	20.88	20.90	21.7
5	64QAM	12	7	21.00	20.85	20.94	
5	64QAM	12	13	20.91	20.87	20.98	
5	64QAM	25	0	20.95	20.87	20.92	
5	256QAM	1	0	18.97	18.95	19.11	19.7
5	256QAM	1	12	18.73	18.76	18.70	
5	256QAM	1	24	18.54	18.55	18.57	
5	256QAM	12	0	18.81	18.87	18.87	19.7
5	256QAM	12	7	18.73	18.85	18.79	

5	256QAM	12	13	18.79	18.76	18.66	
5	256QAM	25	0	18.83	19.00	18.81	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.62	22.66	22.54	23.4
3	QPSK	1	8	22.58	22.47	22.59	
3	QPSK	1	14	22.63	22.57	22.62	
3	QPSK	8	0	22.74	22.58	22.71	23.4
3	QPSK	8	4	22.71	22.67	22.69	
3	QPSK	8	7	22.74	22.64	22.63	
3	QPSK	15	0	22.75	22.67	22.71	
3	16QAM	1	0	22.89	22.96	22.86	23.4
3	16QAM	1	8	22.98	22.80	22.87	
3	16QAM	1	14	22.80	22.86	22.86	
3	16QAM	8	0	22.05	21.95	22.00	22.7
3	16QAM	8	4	21.93	21.88	21.99	
3	16QAM	8	7	22.02	21.96	21.97	
3	16QAM	15	0	21.98	21.97	22.00	
3	64QAM	1	0	22.10	22.08	22.01	22.7
3	64QAM	1	8	22.12	21.97	22.07	
3	64QAM	1	14	22.04	22.04	22.07	
3	64QAM	8	0	20.92	20.86	20.88	21.7
3	64QAM	8	4	20.96	20.84	20.87	
3	64QAM	8	7	20.91	20.91	20.92	
3	64QAM	15	0	21.00	20.95	20.93	
3	256QAM	1	0	18.93	18.95	19.10	19.7
3	256QAM	1	8	18.65	18.78	18.73	
3	256QAM	1	14	18.63	18.54	18.60	
3	256QAM	8	0	18.89	18.88	18.87	19.7
3	256QAM	8	4	18.70	18.88	18.78	
3	256QAM	8	7	18.71	18.77	18.69	
3	256QAM	15	0	18.77	18.91	18.83	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.60	22.65	22.44	23.4
1.4	QPSK	1	3	22.52	22.43	22.51	
1.4	QPSK	1	5	22.53	22.52	22.56	
1.4	QPSK	3	0	22.71	22.51	22.63	
1.4	QPSK	3	1	22.63	22.66	22.62	
1.4	QPSK	3	3	22.72	22.58	22.53	
1.4	QPSK	6	0	22.71	22.61	22.65	23.4
1.4	16QAM	1	0	22.88	22.95	22.80	23.4
1.4	16QAM	1	3	22.98	22.78	22.83	
1.4	16QAM	1	5	22.76	22.78	22.82	
1.4	16QAM	3	0	22.67	22.55	22.64	
1.4	16QAM	3	1	22.56	22.57	22.69	
1.4	16QAM	3	3	22.64	22.64	22.63	
1.4	16QAM	6	0	21.98	21.97	21.92	22.7
1.4	64QAM	1	0	22.10	21.99	22.00	22.7
1.4	64QAM	1	3	22.10	21.87	21.97	
1.4	64QAM	1	5	21.98	21.99	21.99	
1.4	64QAM	3	0	21.92	21.81	21.86	
1.4	64QAM	3	1	21.87	21.74	21.85	
1.4	64QAM	3	3	21.81	21.91	21.91	
1.4	64QAM	6	0	20.98	20.88	20.91	21.7
1.4	256QAM	1	0	18.87	18.93	19.00	19.7
1.4	256QAM	1	3	18.64	18.76	18.64	
1.4	256QAM	1	5	18.58	18.53	18.59	
1.4	256QAM	3	0	18.81	18.79	18.85	
1.4	256QAM	3	1	18.67	18.82	18.68	
1.4	256QAM	3	3	18.67	18.68	18.59	
1.4	256QAM	6	0	18.69	18.82	18.81	19.7

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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				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.99	23.93	23.92	24.7
10	QPSK	1	25	23.98	23.90	23.86	
10	QPSK	1	49	23.98	23.93	23.89	
10	QPSK	25	0	23.05	22.99	22.98	23.7
10	QPSK	25	12	23.02	22.97	22.99	
10	QPSK	25	25	23.04	22.96	23.01	
10	QPSK	50	0	23.04	22.98	22.99	
10	16QAM	1	0	23.23	23.23	23.16	23.7
10	16QAM	1	25	23.44	23.30	23.15	
10	16QAM	1	49	23.17	23.18	23.18	
10	16QAM	25	0	22.04	21.97	21.97	22.7
10	16QAM	25	12	22.02	21.95	21.96	
10	16QAM	25	25	22.03	21.96	21.98	
10	16QAM	50	0	22.02	21.97	21.96	
10	64QAM	1	0	22.14	22.14	22.09	22.7
10	64QAM	1	25	22.16	22.18	22.05	
10	64QAM	1	49	22.12	22.09	22.10	
10	64QAM	25	0	21.03	20.95	20.97	21.7
10	64QAM	25	12	21.01	20.95	20.96	
10	64QAM	25	25	20.98	20.95	20.96	
10	64QAM	50	0	21.02	20.96	20.97	
10	256QAM	1	0	19.01	19.11	19.15	19.7
10	256QAM	1	25	18.82	18.87	18.82	
10	256QAM	1	49	18.63	18.69	18.67	
10	256QAM	25	0	18.99	19.02	19.00	19.7
10	256QAM	25	12	18.88	18.94	18.92	
10	256QAM	25	25	18.84	18.86	18.83	
10	256QAM	50	0	18.95	19.01	18.97	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.85	23.85	24.7
5	QPSK	1	12	23.88	23.86	23.83	
5	QPSK	1	24	23.85	23.85	23.83	
5	QPSK	12	0	22.95	22.92	22.92	23.7
5	QPSK	12	7	22.93	22.96	22.92	
5	QPSK	12	13	22.95	22.95	22.93	
5	QPSK	25	0	22.93	22.92	22.91	
5	16QAM	1	0	23.19	23.22	23.13	23.7
5	16QAM	1	12	23.24	23.21	23.24	
5	16QAM	1	24	23.20	23.14	23.15	
5	16QAM	12	0	21.92	21.90	21.91	22.7
5	16QAM	12	7	21.95	21.93	21.95	
5	16QAM	12	13	21.93	21.89	21.94	
5	16QAM	25	0	21.91	21.88	21.89	
5	64QAM	1	0	22.00	22.13	22.02	22.7
5	64QAM	1	12	22.16	22.20	22.11	
5	64QAM	1	24	22.11	22.05	21.96	
5	64QAM	12	0	20.95	20.92	20.97	21.7
5	64QAM	12	7	20.94	20.91	20.97	
5	64QAM	12	13	20.95	20.91	20.94	
5	64QAM	25	0	20.88	20.88	20.87	
5	256QAM	1	0	18.98	19.04	19.12	19.7
5	256QAM	1	12	18.78	18.79	18.74	
5	256QAM	1	24	18.60	18.63	18.59	
5	256QAM	12	0	18.95	18.96	18.93	19.7
5	256QAM	12	7	18.82	18.91	18.85	

5	256QAM	12	13	18.81	18.78	18.78	
5	256QAM	25	0	18.91	18.96	18.90	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.89	23.89	23.90	24.7
3	QPSK	1	8	23.82	23.86	23.91	
3	QPSK	1	14	23.87	23.91	23.82	
3	QPSK	8	0	22.97	22.94	22.95	23.7
3	QPSK	8	4	22.90	22.86	22.87	
3	QPSK	8	7	22.97	22.93	22.94	
3	QPSK	15	0	23.01	22.93	22.94	
3	16QAM	1	0	23.20	23.23	23.21	23.7
3	16QAM	1	8	23.14	23.13	23.15	
3	16QAM	1	14	23.08	23.15	23.16	
3	16QAM	8	0	21.99	21.98	22.01	22.7
3	16QAM	8	4	22.02	21.91	21.94	
3	16QAM	8	7	22.00	21.92	22.01	
3	16QAM	15	0	22.01	21.98	21.95	
3	64QAM	1	0	22.16	22.15	22.02	22.7
3	64QAM	1	8	21.98	22.03	22.06	
3	64QAM	1	14	22.05	21.92	22.13	
3	64QAM	8	0	20.98	20.92	20.91	21.7
3	64QAM	8	4	20.96	20.91	20.92	
3	64QAM	8	7	21.03	20.98	20.98	
3	64QAM	15	0	20.97	20.92	20.92	
3	256QAM	1	0	18.98	19.05	19.08	19.7
3	256QAM	1	8	18.79	18.81	18.77	
3	256QAM	1	14	18.55	18.62	18.63	
3	256QAM	8	0	18.95	18.98	18.95	19.7
3	256QAM	8	4	18.84	18.90	18.86	
3	256QAM	8	7	18.78	18.78	18.79	
3	256QAM	15	0	18.89	18.97	18.94	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.88	23.82	23.90	24.7
1.4	QPSK	1	3	23.90	23.78	23.79	
1.4	QPSK	1	5	23.87	23.84	23.82	
1.4	QPSK	3	0	23.91	23.86	23.84	
1.4	QPSK	3	1	23.80	23.74	23.71	
1.4	QPSK	3	3	23.86	23.88	23.85	
1.4	QPSK	6	0	22.95	22.89	22.87	23.7
1.4	16QAM	1	0	23.12	23.16	23.10	23.7
1.4	16QAM	1	3	23.12	23.06	23.03	
1.4	16QAM	1	5	23.23	23.16	23.12	
1.4	16QAM	3	0	22.81	22.84	22.89	
1.4	16QAM	3	1	22.84	22.90	22.88	
1.4	16QAM	3	3	22.90	22.83	22.84	
1.4	16QAM	6	0	21.99	21.93	21.95	22.7
1.4	64QAM	1	0	22.14	22.07	22.12	22.7
1.4	64QAM	1	3	21.85	21.90	21.95	
1.4	64QAM	1	5	22.03	22.04	22.08	
1.4	64QAM	3	0	22.00	21.95	21.96	
1.4	64QAM	3	1	22.12	21.99	22.15	
1.4	64QAM	3	3	22.03	22.00	22.00	
1.4	64QAM	6	0	20.88	20.85	20.88	21.7
1.4	256QAM	1	0	19.00	18.87	19.01	19.7
1.4	256QAM	1	3	18.75	18.79	18.74	
1.4	256QAM	1	5	18.83	18.89	18.84	
1.4	256QAM	3	0	18.89	18.91	18.89	
1.4	256QAM	3	1	18.83	18.88	18.86	
1.4	256QAM	3	3	18.83	18.90	18.88	
1.4	256QAM	6	0	18.87	18.89	18.86	19.7

<LTE Band 12_Ant 1_Index 5>

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	23.99	23.93	23.92	24.7
10	QPSK	1	25	23.98	23.90	23.86	
10	QPSK	1	49	23.98	23.93	23.89	
10	QPSK	25	0	23.05	22.99	22.98	23.7
10	QPSK	25	12	23.02	22.97	22.99	
10	QPSK	25	25	23.04	22.96	23.01	
10	QPSK	50	0	23.04	22.98	22.99	
10	16QAM	1	0	23.23	23.23	23.16	23.7
10	16QAM	1	25	23.44	23.30	23.15	
10	16QAM	1	49	23.17	23.18	23.18	
10	16QAM	25	0	22.04	21.97	21.97	22.7
10	16QAM	25	12	22.02	21.95	21.96	
10	16QAM	25	25	22.03	21.96	21.98	
10	16QAM	50	0	22.02	21.97	21.96	
10	64QAM	1	0	22.14	22.14	22.09	22.7
10	64QAM	1	25	22.16	22.18	22.05	
10	64QAM	1	49	22.12	22.09	22.10	
10	64QAM	25	0	21.03	20.95	20.97	21.7
10	64QAM	25	12	21.01	20.95	20.96	
10	64QAM	25	25	20.98	20.95	20.96	
10	64QAM	50	0	21.02	20.96	20.97	
10	256QAM	1	0	19.01	19.11	19.15	19.7
10	256QAM	1	25	18.82	18.87	18.82	
10	256QAM	1	49	18.63	18.69	18.67	
10	256QAM	25	0	18.99	19.02	19.00	19.7
10	256QAM	25	12	18.88	18.94	18.92	
10	256QAM	25	25	18.84	18.86	18.83	
10	256QAM	50	0	18.95	19.01	18.97	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.85	23.85	24.7
5	QPSK	1	12	23.88	23.86	23.83	
5	QPSK	1	24	23.85	23.85	23.83	
5	QPSK	12	0	22.95	22.92	22.92	23.7
5	QPSK	12	7	22.93	22.96	22.92	
5	QPSK	12	13	22.95	22.95	22.93	
5	QPSK	25	0	22.93	22.92	22.91	
5	16QAM	1	0	23.19	23.22	23.13	23.7
5	16QAM	1	12	23.24	23.21	23.24	
5	16QAM	1	24	23.20	23.14	23.15	
5	16QAM	12	0	21.92	21.90	21.91	22.7
5	16QAM	12	7	21.95	21.93	21.95	
5	16QAM	12	13	21.93	21.89	21.94	
5	16QAM	25	0	21.91	21.88	21.89	
5	64QAM	1	0	22.00	22.13	22.02	22.7
5	64QAM	1	12	22.16	22.20	22.11	
5	64QAM	1	24	22.11	22.05	21.96	
5	64QAM	12	0	20.95	20.92	20.97	21.7
5	64QAM	12	7	20.94	20.91	20.97	
5	64QAM	12	13	20.95	20.91	20.94	
5	64QAM	25	0	20.88	20.88	20.87	
5	256QAM	1	0	18.98	19.04	19.12	19.7
5	256QAM	1	12	18.78	18.79	18.74	
5	256QAM	1	24	18.60	18.63	18.59	
5	256QAM	12	0	18.95	18.96	18.93	19.7
5	256QAM	12	7	18.82	18.91	18.85	

5	256QAM	12	13	18.81	18.78	18.78	
5	256QAM	25	0	18.91	18.96	18.90	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.89	23.89	23.90	24.7
3	QPSK	1	8	23.82	23.86	23.91	
3	QPSK	1	14	23.87	23.91	23.82	
3	QPSK	8	0	22.97	22.94	22.95	23.7
3	QPSK	8	4	22.90	22.86	22.87	
3	QPSK	8	7	22.97	22.93	22.94	
3	QPSK	15	0	23.01	22.93	22.94	
3	16QAM	1	0	23.20	23.23	23.21	23.7
3	16QAM	1	8	23.14	23.13	23.15	
3	16QAM	1	14	23.08	23.15	23.16	
3	16QAM	8	0	21.99	21.98	22.01	22.7
3	16QAM	8	4	22.02	21.91	21.94	
3	16QAM	8	7	22.00	21.92	22.01	
3	16QAM	15	0	22.01	21.98	21.95	
3	64QAM	1	0	22.16	22.15	22.02	22.7
3	64QAM	1	8	21.98	22.03	22.06	
3	64QAM	1	14	22.05	21.92	22.13	
3	64QAM	8	0	20.98	20.92	20.91	21.7
3	64QAM	8	4	20.96	20.91	20.92	
3	64QAM	8	7	21.03	20.98	20.98	
3	64QAM	15	0	20.97	20.92	20.92	
3	256QAM	1	0	18.98	19.05	19.08	19.7
3	256QAM	1	8	18.79	18.81	18.77	
3	256QAM	1	14	18.55	18.62	18.63	
3	256QAM	8	0	18.95	18.98	18.95	19.7
3	256QAM	8	4	18.84	18.90	18.86	
3	256QAM	8	7	18.78	18.78	18.79	
3	256QAM	15	0	18.89	18.97	18.94	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.88	23.82	23.90	24.7
1.4	QPSK	1	3	23.90	23.78	23.79	
1.4	QPSK	1	5	23.87	23.84	23.82	
1.4	QPSK	3	0	23.91	23.86	23.84	
1.4	QPSK	3	1	23.80	23.74	23.71	
1.4	QPSK	3	3	23.86	23.88	23.85	
1.4	QPSK	6	0	22.95	22.89	22.87	23.7
1.4	16QAM	1	0	23.12	23.16	23.10	23.7
1.4	16QAM	1	3	23.12	23.06	23.03	
1.4	16QAM	1	5	23.23	23.16	23.12	
1.4	16QAM	3	0	22.81	22.84	22.89	
1.4	16QAM	3	1	22.84	22.90	22.88	
1.4	16QAM	3	3	22.90	22.83	22.84	
1.4	16QAM	6	0	21.99	21.93	21.95	22.7
1.4	64QAM	1	0	22.14	22.07	22.12	22.7
1.4	64QAM	1	3	21.85	21.90	21.95	
1.4	64QAM	1	5	22.03	22.04	22.08	
1.4	64QAM	3	0	22.00	21.95	21.96	
1.4	64QAM	3	1	22.12	21.99	22.15	
1.4	64QAM	3	3	22.03	22.00	22.00	
1.4	64QAM	6	0	20.88	20.85	20.88	21.7
1.4	256QAM	1	0	19.00	18.87	19.01	19.7
1.4	256QAM	1	3	18.75	18.79	18.74	
1.4	256QAM	1	5	18.83	18.89	18.84	
1.4	256QAM	3	0	18.89	18.91	18.89	
1.4	256QAM	3	1	18.83	18.88	18.86	
1.4	256QAM	3	3	18.83	18.90	18.88	
1.4	256QAM	6	0	18.87	18.89	18.86	19.7

<LTE Band 12_Ant 1_Index 6>

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	23.99	23.93	23.92	24.7
10	QPSK	1	25	23.98	23.90	23.86	
10	QPSK	1	49	23.98	23.93	23.89	
10	QPSK	25	0	23.05	22.99	22.98	23.7
10	QPSK	25	12	23.02	22.97	22.99	
10	QPSK	25	25	23.04	22.96	23.01	
10	QPSK	50	0	23.04	22.98	22.99	
10	16QAM	1	0	23.23	23.23	23.16	23.7
10	16QAM	1	25	23.44	23.30	23.15	
10	16QAM	1	49	23.17	23.18	23.18	
10	16QAM	25	0	22.04	21.97	21.97	22.7
10	16QAM	25	12	22.02	21.95	21.96	
10	16QAM	25	25	22.03	21.96	21.98	
10	16QAM	50	0	22.02	21.97	21.96	
10	64QAM	1	0	22.14	22.14	22.09	22.7
10	64QAM	1	25	22.16	22.18	22.05	
10	64QAM	1	49	22.12	22.09	22.10	
10	64QAM	25	0	21.03	20.95	20.97	21.7
10	64QAM	25	12	21.01	20.95	20.96	
10	64QAM	25	25	20.98	20.95	20.96	
10	64QAM	50	0	21.02	20.96	20.97	
10	256QAM	1	0	19.01	19.11	19.15	19.7
10	256QAM	1	25	18.82	18.87	18.82	
10	256QAM	1	49	18.63	18.69	18.67	
10	256QAM	25	0	18.99	19.02	19.00	19.7
10	256QAM	25	12	18.88	18.94	18.92	
10	256QAM	25	25	18.84	18.86	18.83	
10	256QAM	50	0	18.95	19.01	18.97	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.85	23.85	24.7
5	QPSK	1	12	23.88	23.86	23.83	
5	QPSK	1	24	23.85	23.85	23.83	
5	QPSK	12	0	22.95	22.92	22.92	23.7
5	QPSK	12	7	22.93	22.96	22.92	
5	QPSK	12	13	22.95	22.95	22.93	
5	QPSK	25	0	22.93	22.92	22.91	
5	16QAM	1	0	23.19	23.22	23.13	23.7
5	16QAM	1	12	23.24	23.21	23.24	
5	16QAM	1	24	23.20	23.14	23.15	
5	16QAM	12	0	21.92	21.90	21.91	22.7
5	16QAM	12	7	21.95	21.93	21.95	
5	16QAM	12	13	21.93	21.89	21.94	
5	16QAM	25	0	21.91	21.88	21.89	
5	64QAM	1	0	22.00	22.13	22.02	22.7
5	64QAM	1	12	22.16	22.20	22.11	
5	64QAM	1	24	22.11	22.05	21.96	
5	64QAM	12	0	20.95	20.92	20.97	21.7
5	64QAM	12	7	20.94	20.91	20.97	
5	64QAM	12	13	20.95	20.91	20.94	
5	64QAM	25	0	20.88	20.88	20.87	
5	256QAM	1	0	18.98	19.04	19.12	19.7
5	256QAM	1	12	18.78	18.79	18.74	
5	256QAM	1	24	18.60	18.63	18.59	
5	256QAM	12	0	18.95	18.96	18.93	19.7
5	256QAM	12	7	18.82	18.91	18.85	

5	256QAM	12	13	18.81	18.78	18.78	
5	256QAM	25	0	18.91	18.96	18.90	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.89	23.89	23.90	24.7
3	QPSK	1	8	23.82	23.86	23.91	
3	QPSK	1	14	23.87	23.91	23.82	
3	QPSK	8	0	22.97	22.94	22.95	23.7
3	QPSK	8	4	22.90	22.86	22.87	
3	QPSK	8	7	22.97	22.93	22.94	
3	QPSK	15	0	23.01	22.93	22.94	
3	16QAM	1	0	23.20	23.23	23.21	23.7
3	16QAM	1	8	23.14	23.13	23.15	
3	16QAM	1	14	23.08	23.15	23.16	
3	16QAM	8	0	21.99	21.98	22.01	22.7
3	16QAM	8	4	22.02	21.91	21.94	
3	16QAM	8	7	22.00	21.92	22.01	
3	16QAM	15	0	22.01	21.98	21.95	
3	64QAM	1	0	22.16	22.15	22.02	22.7
3	64QAM	1	8	21.98	22.03	22.06	
3	64QAM	1	14	22.05	21.92	22.13	
3	64QAM	8	0	20.98	20.92	20.91	21.7
3	64QAM	8	4	20.96	20.91	20.92	
3	64QAM	8	7	21.03	20.98	20.98	
3	64QAM	15	0	20.97	20.92	20.92	
3	256QAM	1	0	18.98	19.05	19.08	19.7
3	256QAM	1	8	18.79	18.81	18.77	
3	256QAM	1	14	18.55	18.62	18.63	
3	256QAM	8	0	18.95	18.98	18.95	19.7
3	256QAM	8	4	18.84	18.90	18.86	
3	256QAM	8	7	18.78	18.78	18.79	
3	256QAM	15	0	18.89	18.97	18.94	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.88	23.82	23.90	24.7
1.4	QPSK	1	3	23.90	23.78	23.79	
1.4	QPSK	1	5	23.87	23.84	23.82	
1.4	QPSK	3	0	23.91	23.86	23.84	
1.4	QPSK	3	1	23.80	23.74	23.71	
1.4	QPSK	3	3	23.86	23.88	23.85	
1.4	QPSK	6	0	22.95	22.89	22.87	23.7
1.4	16QAM	1	0	23.12	23.16	23.10	23.7
1.4	16QAM	1	3	23.12	23.06	23.03	
1.4	16QAM	1	5	23.23	23.16	23.12	
1.4	16QAM	3	0	22.81	22.84	22.89	
1.4	16QAM	3	1	22.84	22.90	22.88	
1.4	16QAM	3	3	22.90	22.83	22.84	
1.4	16QAM	6	0	21.99	21.93	21.95	22.7
1.4	64QAM	1	0	22.14	22.07	22.12	22.7
1.4	64QAM	1	3	21.85	21.90	21.95	
1.4	64QAM	1	5	22.03	22.04	22.08	
1.4	64QAM	3	0	22.00	21.95	21.96	
1.4	64QAM	3	1	22.12	21.99	22.15	
1.4	64QAM	3	3	22.03	22.00	22.00	
1.4	64QAM	6	0	20.88	20.85	20.88	21.7
1.4	256QAM	1	0	19.00	18.87	19.01	19.7
1.4	256QAM	1	3	18.75	18.79	18.74	
1.4	256QAM	1	5	18.83	18.89	18.84	
1.4	256QAM	3	0	18.89	18.91	18.89	
1.4	256QAM	3	1	18.83	18.88	18.86	
1.4	256QAM	3	3	18.83	18.90	18.88	
1.4	256QAM	6	0	18.87	18.89	18.86	19.7

<LTE Band 13_Ant 1_Index 1>

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		
Frequency (MHz)					782		
10	QPSK	1	0		24.22		25
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.30		24
10	QPSK	25	12		23.27		
10	QPSK	25	25		23.24		
10	QPSK	50	0		23.26		
10	16QAM	1	0		23.37		24
10	16QAM	1	25		23.40		
10	16QAM	1	49		23.35		
10	16QAM	25	0		22.22		23
10	16QAM	25	12		22.20		
10	16QAM	25	25		22.19		
10	16QAM	50	0		22.20		
10	64QAM	1	0		22.27		23
10	64QAM	1	25		22.22		
10	64QAM	1	49		22.25		
10	64QAM	25	0		21.21		22
10	64QAM	25	12		21.21		
10	64QAM	25	25		21.18		
10	64QAM	50	0		21.22		
10	256QAM	1	0		19.45		20
10	256QAM	1	25		19.24		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.35		20
10	256QAM	25	12		19.26		
10	256QAM	25	25		19.20		
10	256QAM	50	0		19.32		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.18	24.14	24.09	25
5	QPSK	1	12	24.15	24.11	24.05	
5	QPSK	1	24	24.14	24.14	24.04	
5	QPSK	12	0	23.22	23.16	23.13	24
5	QPSK	12	7	23.18	23.15	23.11	
5	QPSK	12	13	23.19	23.16	23.10	
5	QPSK	25	0	23.26	23.24	23.18	
5	16QAM	1	0	23.43	23.41	23.33	24
5	16QAM	1	12	23.49	23.40	23.41	
5	16QAM	1	24	23.35	23.40	23.32	
5	16QAM	12	0	22.22	22.14	22.09	23
5	16QAM	12	7	22.17	22.15	22.13	
5	16QAM	12	13	22.21	22.14	22.07	
5	16QAM	25	0	22.25	22.15	22.10	
5	64QAM	1	0	22.20	22.32	22.23	23
5	64QAM	1	12	22.33	22.37	22.39	
5	64QAM	1	24	22.25	22.29	22.20	
5	64QAM	12	0	21.23	21.18	21.15	22
5	64QAM	12	7	21.24	21.19	21.16	
5	64QAM	12	13	21.22	21.18	21.13	
5	64QAM	25	0	21.20	21.18	21.14	
5	256QAM	1	0	19.43	19.42	19.44	20
5	256QAM	1	12	19.22	19.22	19.23	
5	256QAM	1	24	19.17	19.22	19.19	
5	256QAM	12	0	19.34	19.32	19.32	20
5	256QAM	12	7	19.22	19.23	19.21	

5	256QAM	12	13	19.17	19.14	19.15	
5	256QAM	25	0	19.27	19.30	19.26	

<LTE Band 13_Ant 1_Index 2>

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			
Frequency (MHz)				782			
10	QPSK	1	0		22.82		24.3
10	QPSK	1	25		22.63		
10	QPSK	1	49		22.60		
10	QPSK	25	0		22.75		24
10	QPSK	25	12		22.71		
10	QPSK	25	25		22.69		
10	QPSK	50	0		22.73		
10	16QAM	1	0		22.79		24
10	16QAM	1	25		22.74		
10	16QAM	1	49		22.78		
10	16QAM	25	0		22.08		23
10	16QAM	25	12		22.07		
10	16QAM	25	25		22.05		
10	16QAM	50	0		22.06		
10	64QAM	1	0		22.13		23
10	64QAM	1	25		22.08		
10	64QAM	1	49		22.12		
10	64QAM	25	0		21.07		22
10	64QAM	25	12		21.05		
10	64QAM	25	25		21.03		
10	64QAM	50	0		21.07		
10	256QAM	1	0		19.32		20
10	256QAM	1	25		19.09		
10	256QAM	1	49		19.07		
10	256QAM	25	0		19.22		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.07		
10	256QAM	50	0		19.17		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.67	22.69	22.71	24.3
5	QPSK	1	12	22.60	22.62	22.61	
5	QPSK	1	24	22.61	22.63	22.62	
5	QPSK	12	0	22.72	22.71	22.69	24
5	QPSK	12	7	22.68	22.69	22.65	
5	QPSK	12	13	22.67	22.62	22.66	
5	QPSK	25	0	22.66	22.67	22.69	
5	16QAM	1	0	22.72	22.75	22.75	24
5	16QAM	1	12	22.78	22.75	22.79	
5	16QAM	1	24	22.76	22.71	22.76	
5	16QAM	12	0	22.06	22.01	22.06	23
5	16QAM	12	7	22.01	22.00	21.99	
5	16QAM	12	13	22.02	21.98	22.02	
5	16QAM	25	0	22.03	22.02	22.01	
5	64QAM	1	0	22.11	22.07	22.07	23
5	64QAM	1	12	22.03	22.06	22.06	
5	64QAM	1	24	22.09	22.05	22.09	
5	64QAM	12	0	21.02	20.99	21.01	22
5	64QAM	12	7	20.98	21.01	21.03	
5	64QAM	12	13	20.96	20.99	20.95	
5	64QAM	25	0	21.00	21.00	20.99	
5	256QAM	1	0	19.27	19.26	19.26	20

5	256QAM	1	12	19.06	19.01	19.05	
5	256QAM	1	24	19.01	19.04	19.05	
5	256QAM	12	0	19.18	19.15	19.15	20
5	256QAM	12	7	19.10	19.07	19.10	
5	256QAM	12	13	19.00	19.05	19.03	
5	256QAM	25	0	19.12	19.12	19.10	

<LTE Band 13_Ant 1_Index 3>

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		
Frequency (MHz)					782		
10	QPSK	1	0		22.82		23.6
10	QPSK	1	25		22.63		
10	QPSK	1	49		22.60		
10	QPSK	25	0		22.75		23.6
10	QPSK	25	12		22.71		
10	QPSK	25	25		22.69		
10	QPSK	50	0		22.73		
10	16QAM	1	0		22.79		23.6
10	16QAM	1	25		22.74		
10	16QAM	1	49		22.78		
10	16QAM	25	0		22.08		23
10	16QAM	25	12		22.07		
10	16QAM	25	25		22.05		
10	16QAM	50	0		22.06		
10	64QAM	1	0		22.13		23
10	64QAM	1	25		22.08		
10	64QAM	1	49		22.12		
10	64QAM	25	0		21.07		22
10	64QAM	25	12		21.05		
10	64QAM	25	25		21.03		
10	64QAM	50	0		21.07		
10	256QAM	1	0		19.32		20
10	256QAM	1	25		19.09		
10	256QAM	1	49		19.07		
10	256QAM	25	0		19.22		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.07		
10	256QAM	50	0		19.17		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.67	22.69	22.71	23.6
5	QPSK	1	12	22.60	22.62	22.61	
5	QPSK	1	24	22.61	22.63	22.62	
5	QPSK	12	0	22.72	22.71	22.69	23.6
5	QPSK	12	7	22.68	22.69	22.65	
5	QPSK	12	13	22.67	22.62	22.66	
5	QPSK	25	0	22.66	22.67	22.69	
5	16QAM	1	0	22.72	22.75	22.75	23.6
5	16QAM	1	12	22.78	22.75	22.79	
5	16QAM	1	24	22.76	22.71	22.76	
5	16QAM	12	0	22.06	22.01	22.06	23
5	16QAM	12	7	22.01	22.00	21.99	
5	16QAM	12	13	22.02	21.98	22.02	
5	16QAM	25	0	22.03	22.02	22.01	
5	64QAM	1	0	22.11	22.07	22.07	23
5	64QAM	1	12	22.03	22.06	22.06	
5	64QAM	1	24	22.09	22.05	22.09	
5	64QAM	12	0	21.02	20.99	21.01	22

5	64QAM	12	7	20.98	21.01	21.03	
5	64QAM	12	13	20.96	20.99	20.95	
5	64QAM	25	0	21.00	21.00	20.99	
5	256QAM	1	0	19.27	19.26	19.26	20
5	256QAM	1	12	19.06	19.01	19.05	
5	256QAM	1	24	19.01	19.04	19.05	
5	256QAM	12	0	19.18	19.15	19.15	20
5	256QAM	12	7	19.10	19.07	19.10	
5	256QAM	12	13	19.00	19.05	19.03	
5	256QAM	25	0	19.12	19.12	19.10	

<LTE Band 13_Ant 1_Index 4>

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			
Frequency (MHz)				782			
10	QPSK	1	0		24.22		25
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.30		24
10	QPSK	25	12		23.27		
10	QPSK	25	25		23.24		
10	QPSK	50	0		23.26		
10	16QAM	1	0		23.37		24
10	16QAM	1	25		23.40		
10	16QAM	1	49		23.35		
10	16QAM	25	0		22.22		23
10	16QAM	25	12		22.20		
10	16QAM	25	25		22.19		
10	16QAM	50	0		22.20		
10	64QAM	1	0		22.27		23
10	64QAM	1	25		22.22		
10	64QAM	1	49		22.25		
10	64QAM	25	0		21.21		22
10	64QAM	25	12		21.21		
10	64QAM	25	25		21.18		
10	64QAM	50	0		21.22		
10	256QAM	1	0		19.45		20
10	256QAM	1	25		19.24		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.35		20
10	256QAM	25	12		19.26		
10	256QAM	25	25		19.20		
10	256QAM	50	0		19.32		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.18	24.14	24.09	25
5	QPSK	1	12	24.15	24.11	24.05	
5	QPSK	1	24	24.14	24.14	24.04	
5	QPSK	12	0	23.22	23.16	23.13	24
5	QPSK	12	7	23.18	23.15	23.11	
5	QPSK	12	13	23.19	23.16	23.10	
5	QPSK	25	0	23.26	23.24	23.18	
5	16QAM	1	0	23.43	23.41	23.33	24
5	16QAM	1	12	23.49	23.40	23.41	
5	16QAM	1	24	23.35	23.40	23.32	
5	16QAM	12	0	22.22	22.14	22.09	23
5	16QAM	12	7	22.17	22.15	22.13	
5	16QAM	12	13	22.21	22.14	22.07	
5	16QAM	25	0	22.25	22.15	22.10	

5	64QAM	1	0	22.20	22.32	22.23	23
5	64QAM	1	12	22.33	22.37	22.39	
5	64QAM	1	24	22.25	22.29	22.20	
5	64QAM	12	0	21.23	21.18	21.15	22
5	64QAM	12	7	21.24	21.19	21.16	
5	64QAM	12	13	21.22	21.18	21.13	
5	64QAM	25	0	21.20	21.18	21.14	
5	256QAM	1	0	19.43	19.42	19.44	20
5	256QAM	1	12	19.22	19.22	19.23	
5	256QAM	1	24	19.17	19.22	19.19	
5	256QAM	12	0	19.34	19.32	19.32	20
5	256QAM	12	7	19.22	19.23	19.21	
5	256QAM	12	13	19.17	19.14	19.15	
5	256QAM	25	0	19.27	19.30	19.26	

<LTE Band 13_Ant 1_Index 5>

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			
Frequency (MHz)				782			
10	QPSK	1	0		24.22		25
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.30		24
10	QPSK	25	12		23.27		
10	QPSK	25	25		23.24		
10	QPSK	50	0		23.26		
10	16QAM	1	0		23.37		24
10	16QAM	1	25		23.40		
10	16QAM	1	49		23.35		
10	16QAM	25	0		22.22		23
10	16QAM	25	12		22.20		
10	16QAM	25	25		22.19		
10	16QAM	50	0		22.20		
10	64QAM	1	0		22.27		23
10	64QAM	1	25		22.22		
10	64QAM	1	49		22.25		
10	64QAM	25	0		21.21		22
10	64QAM	25	12		21.21		
10	64QAM	25	25		21.18		
10	64QAM	50	0		21.22		
10	256QAM	1	0		19.45		20
10	256QAM	1	25		19.24		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.35		20
10	256QAM	25	12		19.26		
10	256QAM	25	25		19.20		
10	256QAM	50	0		19.32		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.18	24.14	24.09	25
5	QPSK	1	12	24.15	24.11	24.05	
5	QPSK	1	24	24.14	24.14	24.04	
5	QPSK	12	0	23.22	23.16	23.13	24
5	QPSK	12	7	23.18	23.15	23.11	
5	QPSK	12	13	23.19	23.16	23.10	
5	QPSK	25	0	23.26	23.24	23.18	
5	16QAM	1	0	23.43	23.41	23.33	24
5	16QAM	1	12	23.49	23.40	23.41	
5	16QAM	1	24	23.35	23.40	23.32	

5	16QAM	12	0	22.22	22.14	22.09	23
5	16QAM	12	7	22.17	22.15	22.13	
5	16QAM	12	13	22.21	22.14	22.07	
5	16QAM	25	0	22.25	22.15	22.10	
5	64QAM	1	0	22.20	22.32	22.23	23
5	64QAM	1	12	22.33	22.37	22.39	
5	64QAM	1	24	22.25	22.29	22.20	
5	64QAM	12	0	21.23	21.18	21.15	22
5	64QAM	12	7	21.24	21.19	21.16	
5	64QAM	12	13	21.22	21.18	21.13	
5	64QAM	25	0	21.20	21.18	21.14	
5	256QAM	1	0	19.43	19.42	19.44	20
5	256QAM	1	12	19.22	19.22	19.23	
5	256QAM	1	24	19.17	19.22	19.19	
5	256QAM	12	0	19.34	19.32	19.32	20
5	256QAM	12	7	19.22	19.23	19.21	
5	256QAM	12	13	19.17	19.14	19.15	
5	256QAM	25	0	19.27	19.30	19.26	

<LTE Band 13_Ant 1_Index 6>

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			
Frequency (MHz)				782			
10	QPSK	1	0		24.22		25
10	QPSK	1	25		24.21		
10	QPSK	1	49		24.14		
10	QPSK	25	0		23.30		24
10	QPSK	25	12		23.27		
10	QPSK	25	25		23.24		
10	QPSK	50	0		23.26		
10	16QAM	1	0		23.37		24
10	16QAM	1	25		23.40		
10	16QAM	1	49		23.35		
10	16QAM	25	0		22.22		23
10	16QAM	25	12		22.20		
10	16QAM	25	25		22.19		
10	16QAM	50	0		22.20		
10	64QAM	1	0		22.27		23
10	64QAM	1	25		22.22		
10	64QAM	1	49		22.25		
10	64QAM	25	0		21.21		22
10	64QAM	25	12		21.21		
10	64QAM	25	25		21.18		
10	64QAM	50	0		21.22		
10	256QAM	1	0		19.45		20
10	256QAM	1	25		19.24		
10	256QAM	1	49		19.23		
10	256QAM	25	0		19.35		20
10	256QAM	25	12		19.26		
10	256QAM	25	25		19.20		
10	256QAM	50	0		19.32		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.18	24.14	24.09	25
5	QPSK	1	12	24.15	24.11	24.05	
5	QPSK	1	24	24.14	24.14	24.04	
5	QPSK	12	0	23.22	23.16	23.13	24
5	QPSK	12	7	23.18	23.15	23.11	
5	QPSK	12	13	23.19	23.16	23.10	

5	QPSK	25	0	23.26	23.24	23.18	
5	16QAM	1	0	23.43	23.41	23.33	24
5	16QAM	1	12	23.49	23.40	23.41	
5	16QAM	1	24	23.35	23.40	23.32	
5	16QAM	12	0	22.22	22.14	22.09	23
5	16QAM	12	7	22.17	22.15	22.13	
5	16QAM	12	13	22.21	22.14	22.07	
5	16QAM	25	0	22.25	22.15	22.10	
5	64QAM	1	0	22.20	22.32	22.23	23
5	64QAM	1	12	22.33	22.37	22.39	
5	64QAM	1	24	22.25	22.29	22.20	
5	64QAM	12	0	21.23	21.18	21.15	22
5	64QAM	12	7	21.24	21.19	21.16	
5	64QAM	12	13	21.22	21.18	21.13	
5	64QAM	25	0	21.20	21.18	21.14	
5	256QAM	1	0	19.43	19.42	19.44	20
5	256QAM	1	12	19.22	19.22	19.23	
5	256QAM	1	24	19.17	19.22	19.19	
5	256QAM	12	0	19.34	19.32	19.32	20
5	256QAM	12	7	19.22	19.23	19.21	
5	256QAM	12	13	19.17	19.14	19.15	
5	256QAM	25	0	19.27	19.30	19.26	

<LTE Band 14_Ant 1_Index 1>

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		24.12		25
10	QPSK	1	25		24.03		
10	QPSK	1	49		23.99		
10	QPSK	25	0		23.15		24
10	QPSK	25	12		23.12		
10	QPSK	25	25		23.10		
10	QPSK	50	0		23.14		
10	16QAM	1	0		23.28		24
10	16QAM	1	25		23.32		
10	16QAM	1	49		23.20		
10	16QAM	25	0		22.14		23
10	16QAM	25	12		22.12		
10	16QAM	25	25		22.09		
10	16QAM	50	0		22.12		
10	64QAM	1	0		22.22		23
10	64QAM	1	25		22.18		
10	64QAM	1	49		22.17		
10	64QAM	25	0		21.09		22
10	64QAM	25	12		21.07		
10	64QAM	25	25		21.04		
10	64QAM	50	0		21.09		
10	256QAM	1	0		19.31		20
10	256QAM	1	25		19.12		
10	256QAM	1	49		19.14		
10	256QAM	25	0		19.21		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.10		
10	256QAM	50	0		19.17		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.03	24.07	23.97	25
5	QPSK	1	12	23.93	24.00	23.90	

5	QPSK	1	24	23.96	24.01	23.90	
5	QPSK	12	0	23.05	23.06	23.04	24
5	QPSK	12	7	23.03	23.02	23.00	
5	QPSK	12	13	23.03	23.03	22.98	
5	QPSK	25	0	23.03	23.04	23.02	
5	16QAM	1	0	23.28	23.29	23.31	24
5	16QAM	1	12	23.31	23.31	23.29	
5	16QAM	1	24	23.26	23.24	23.14	
5	16QAM	12	0	22.04	22.05	22.04	23
5	16QAM	12	7	22.05	22.07	22.04	
5	16QAM	12	13	22.03	22.03	21.99	
5	16QAM	25	0	22.00	22.00	22.00	
5	64QAM	1	0	22.21	22.24	22.26	23
5	64QAM	1	12	22.32	22.35	22.31	
5	64QAM	1	24	22.17	22.19	22.09	
5	64QAM	12	0	21.03	21.06	21.06	22
5	64QAM	12	7	21.04	21.05	21.03	
5	64QAM	12	13	21.02	21.04	20.99	
5	64QAM	25	0	20.99	21.01	20.96	
5	256QAM	1	0	19.30	19.26	19.29	20
5	256QAM	1	12	19.10	19.10	19.06	
5	256QAM	1	24	19.12	19.12	19.13	
5	256QAM	12	0	19.17	19.20	19.16	20
5	256QAM	12	7	19.11	19.13	19.13	
5	256QAM	12	13	19.08	19.06	19.07	
5	256QAM	25	0	19.16	19.16	19.13	

<LTE Band 14_Ant 1_Index 2>

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		22.46		23.7
10	QPSK	1	25		22.13		
10	QPSK	1	49		22.10		
10	QPSK	25	0		22.25		23.5
10	QPSK	25	12		22.23		
10	QPSK	25	25		22.18		
10	QPSK	50	0		22.23		
10	16QAM	1	0		22.42		23.5
10	16QAM	1	25		22.23		
10	16QAM	1	49		22.36		
10	16QAM	25	0		21.55		22.5
10	16QAM	25	12		21.54		
10	16QAM	25	25		21.51		
10	16QAM	50	0		21.54		
10	64QAM	1	0		21.63		22.5
10	64QAM	1	25		21.60		
10	64QAM	1	49		21.59		
10	64QAM	25	0		20.50		21.5
10	64QAM	25	12		20.49		
10	64QAM	25	25		20.46		
10	64QAM	50	0		20.52		
10	256QAM	1	0		18.68		19.5
10	256QAM	1	25		18.55		
10	256QAM	1	49		18.55		
10	256QAM	25	0		18.62		19.5
10	256QAM	25	12		18.50		
10	256QAM	25	25		18.54		
10	256QAM	50	0		18.55		

Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.21	22.18	22.16	23.7
5	QPSK	1	12	22.10	22.11	22.06	
5	QPSK	1	24	22.03	22.05	22.08	
5	QPSK	12	0	22.21	22.22	22.19	23.5
5	QPSK	12	7	22.19	22.17	22.15	
5	QPSK	12	13	22.15	22.12	22.10	
5	QPSK	25	0	22.15	22.15	22.19	
5	16QAM	1	0	22.39	22.39	22.37	23.5
5	16QAM	1	12	22.41	22.39	22.40	
5	16QAM	1	24	22.28	22.30	22.29	
5	16QAM	12	0	21.53	21.49	21.53	22.5
5	16QAM	12	7	21.46	21.49	21.47	
5	16QAM	12	13	21.48	21.46	21.46	
5	16QAM	25	0	21.46	21.47	21.49	
5	64QAM	1	0	21.61	21.56	21.56	22.5
5	64QAM	1	12	21.52	21.56	21.56	
5	64QAM	1	24	21.54	21.56	21.54	
5	64QAM	12	0	20.43	20.44	20.47	21.5
5	64QAM	12	7	20.44	20.41	20.44	
5	64QAM	12	13	20.44	20.39	20.40	
5	64QAM	25	0	20.50	20.47	20.45	
5	256QAM	1	0	18.65	18.61	18.63	19.5
5	256QAM	1	12	18.50	18.48	18.53	
5	256QAM	1	24	18.53	18.47	18.51	
5	256QAM	12	0	18.54	18.57	18.58	19.5
5	256QAM	12	7	18.44	18.44	18.46	
5	256QAM	12	13	18.47	18.47	18.47	
5	256QAM	25	0	18.50	18.53	18.49	

<LTE Band 14_Ant 1_Index 3>

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		22.46		23
10	QPSK	1	25		22.13		
10	QPSK	1	49		22.10		
10	QPSK	25	0		22.25		23
10	QPSK	25	12		22.23		
10	QPSK	25	25		22.18		
10	QPSK	50	0		22.23		
10	16QAM	1	0		22.42		23
10	16QAM	1	25		22.23		
10	16QAM	1	49		22.36		
10	16QAM	25	0		21.55		22.5
10	16QAM	25	12		21.54		
10	16QAM	25	25		21.51		
10	16QAM	50	0		21.54		
10	64QAM	1	0		21.63		22.5
10	64QAM	1	25		21.60		
10	64QAM	1	49		21.59		
10	64QAM	25	0		20.50		21.5
10	64QAM	25	12		20.49		
10	64QAM	25	25		20.46		
10	64QAM	50	0		20.52		
10	256QAM	1	0		18.68		19.5
10	256QAM	1	25		18.55		
10	256QAM	1	49		18.55		

10	256QAM	25	0		18.62		19.5
10	256QAM	25	12		18.50		
10	256QAM	25	25		18.54		
10	256QAM	50	0		18.55		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.21	22.18	22.16	23
5	QPSK	1	12	22.10	22.11	22.06	
5	QPSK	1	24	22.03	22.05	22.08	
5	QPSK	12	0	22.21	22.22	22.19	23
5	QPSK	12	7	22.19	22.17	22.15	
5	QPSK	12	13	22.15	22.12	22.10	
5	QPSK	25	0	22.15	22.15	22.19	
5	16QAM	1	0	22.39	22.39	22.37	23
5	16QAM	1	12	22.41	22.39	22.40	
5	16QAM	1	24	22.28	22.30	22.29	
5	16QAM	12	0	21.53	21.49	21.53	22.5
5	16QAM	12	7	21.46	21.49	21.47	
5	16QAM	12	13	21.48	21.46	21.46	
5	16QAM	25	0	21.46	21.47	21.49	
5	64QAM	1	0	21.61	21.56	21.56	22.5
5	64QAM	1	12	21.52	21.56	21.56	
5	64QAM	1	24	21.54	21.56	21.54	
5	64QAM	12	0	20.43	20.44	20.47	21.5
5	64QAM	12	7	20.44	20.41	20.44	
5	64QAM	12	13	20.44	20.39	20.40	
5	64QAM	25	0	20.50	20.47	20.45	
5	256QAM	1	0	18.65	18.61	18.63	19.5
5	256QAM	1	12	18.50	18.48	18.53	
5	256QAM	1	24	18.53	18.47	18.51	
5	256QAM	12	0	18.54	18.57	18.58	19.5
5	256QAM	12	7	18.44	18.44	18.46	
5	256QAM	12	13	18.47	18.47	18.47	
5	256QAM	25	0	18.50	18.53	18.49	

<LTE Band 14_Ant 1_Index 4>

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		24.12		25
10	QPSK	1	25		24.03		
10	QPSK	1	49		23.99		
10	QPSK	25	0		23.15		24
10	QPSK	25	12		23.12		
10	QPSK	25	25		23.10		
10	QPSK	50	0		23.14		
10	16QAM	1	0		23.28		24
10	16QAM	1	25		23.32		
10	16QAM	1	49		23.20		
10	16QAM	25	0		22.14		23
10	16QAM	25	12		22.12		
10	16QAM	25	25		22.09		
10	16QAM	50	0		22.12		
10	64QAM	1	0		22.22		23
10	64QAM	1	25		22.18		
10	64QAM	1	49		22.17		
10	64QAM	25	0		21.09		22
10	64QAM	25	12		21.07		
10	64QAM	25	25		21.04		

10	64QAM	50	0		21.09		
10	256QAM	1	0		19.31		20
10	256QAM	1	25		19.12		
10	256QAM	1	49		19.14		
10	256QAM	25	0		19.21		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.10		
10	256QAM	50	0		19.17		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.03	24.07	23.97	25
5	QPSK	1	12	23.93	24.00	23.90	
5	QPSK	1	24	23.96	24.01	23.90	
5	QPSK	12	0	23.05	23.06	23.04	24
5	QPSK	12	7	23.03	23.02	23.00	
5	QPSK	12	13	23.03	23.03	22.98	
5	QPSK	25	0	23.03	23.04	23.02	
5	16QAM	1	0	23.28	23.29	23.31	24
5	16QAM	1	12	23.31	23.31	23.29	
5	16QAM	1	24	23.26	23.24	23.14	
5	16QAM	12	0	22.04	22.05	22.04	23
5	16QAM	12	7	22.05	22.07	22.04	
5	16QAM	12	13	22.03	22.03	21.99	
5	16QAM	25	0	22.00	22.00	22.00	
5	64QAM	1	0	22.21	22.24	22.26	23
5	64QAM	1	12	22.32	22.35	22.31	
5	64QAM	1	24	22.17	22.19	22.09	
5	64QAM	12	0	21.03	21.06	21.06	22
5	64QAM	12	7	21.04	21.05	21.03	
5	64QAM	12	13	21.02	21.04	20.99	
5	64QAM	25	0	20.99	21.01	20.96	
5	256QAM	1	0	19.30	19.26	19.29	20
5	256QAM	1	12	19.10	19.10	19.06	
5	256QAM	1	24	19.12	19.12	19.13	
5	256QAM	12	0	19.17	19.20	19.16	20
5	256QAM	12	7	19.11	19.13	19.13	
5	256QAM	12	13	19.08	19.06	19.07	
5	256QAM	25	0	19.16	19.16	19.13	

<LTE Band 14_Ant 1_Index 5>

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		24.12		25
10	QPSK	1	25		24.03		
10	QPSK	1	49		23.99		
10	QPSK	25	0		23.15		24
10	QPSK	25	12		23.12		
10	QPSK	25	25		23.10		
10	QPSK	50	0		23.14		
10	16QAM	1	0		23.28		24
10	16QAM	1	25		23.32		
10	16QAM	1	49		23.20		
10	16QAM	25	0		22.14		23
10	16QAM	25	12		22.12		
10	16QAM	25	25		22.09		
10	16QAM	50	0		22.12		
10	64QAM	1	0		22.22		23
10	64QAM	1	25		22.18		

10	64QAM	1	49		22.17		
10	64QAM	25	0		21.09		22
10	64QAM	25	12		21.07		
10	64QAM	25	25		21.04		
10	64QAM	50	0		21.09		
10	256QAM	1	0		19.31		20
10	256QAM	1	25		19.12		
10	256QAM	1	49		19.14		
10	256QAM	25	0		19.21		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.10		
10	256QAM	50	0		19.17		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.03	24.07	23.97	25
5	QPSK	1	12	23.93	24.00	23.90	
5	QPSK	1	24	23.96	24.01	23.90	
5	QPSK	12	0	23.05	23.06	23.04	24
5	QPSK	12	7	23.03	23.02	23.00	
5	QPSK	12	13	23.03	23.03	22.98	
5	QPSK	25	0	23.03	23.04	23.02	
5	16QAM	1	0	23.28	23.29	23.31	24
5	16QAM	1	12	23.31	23.31	23.29	
5	16QAM	1	24	23.26	23.24	23.14	
5	16QAM	12	0	22.04	22.05	22.04	23
5	16QAM	12	7	22.05	22.07	22.04	
5	16QAM	12	13	22.03	22.03	21.99	
5	16QAM	25	0	22.00	22.00	22.00	
5	64QAM	1	0	22.21	22.24	22.26	23
5	64QAM	1	12	22.32	22.35	22.31	
5	64QAM	1	24	22.17	22.19	22.09	
5	64QAM	12	0	21.03	21.06	21.06	22
5	64QAM	12	7	21.04	21.05	21.03	
5	64QAM	12	13	21.02	21.04	20.99	
5	64QAM	25	0	20.99	21.01	20.96	
5	256QAM	1	0	19.30	19.26	19.29	20
5	256QAM	1	12	19.10	19.10	19.06	
5	256QAM	1	24	19.12	19.12	19.13	
5	256QAM	12	0	19.17	19.20	19.16	20
5	256QAM	12	7	19.11	19.13	19.13	
5	256QAM	12	13	19.08	19.06	19.07	
5	256QAM	25	0	19.16	19.16	19.13	

<LTE Band 14_Ant 1_Index 6>

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		24.12		25
10	QPSK	1	25		24.03		
10	QPSK	1	49		23.99		
10	QPSK	25	0		23.15		24
10	QPSK	25	12		23.12		
10	QPSK	25	25		23.10		
10	QPSK	50	0		23.14		
10	16QAM	1	0		23.28		24
10	16QAM	1	25		23.32		
10	16QAM	1	49		23.20		
10	16QAM	25	0		22.14		23
10	16QAM	25	12		22.12		

10	16QAM	25	25		22.09		
10	16QAM	50	0		22.12		
10	64QAM	1	0		22.22		23
10	64QAM	1	25		22.18		
10	64QAM	1	49		22.17		
10	64QAM	25	0		21.09		22
10	64QAM	25	12		21.07		
10	64QAM	25	25		21.04		
10	64QAM	50	0		21.09		
10	256QAM	1	0		19.31		20
10	256QAM	1	25		19.12		
10	256QAM	1	49		19.14		
10	256QAM	25	0		19.21		20
10	256QAM	25	12		19.14		
10	256QAM	25	25		19.10		
10	256QAM	50	0		19.17		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	24.03	24.07	23.97	25
5	QPSK	1	12	23.93	24.00	23.90	
5	QPSK	1	24	23.96	24.01	23.90	
5	QPSK	12	0	23.05	23.06	23.04	24
5	QPSK	12	7	23.03	23.02	23.00	
5	QPSK	12	13	23.03	23.03	22.98	
5	QPSK	25	0	23.03	23.04	23.02	
5	16QAM	1	0	23.28	23.29	23.31	24
5	16QAM	1	12	23.31	23.31	23.29	
5	16QAM	1	24	23.26	23.24	23.14	
5	16QAM	12	0	22.04	22.05	22.04	23
5	16QAM	12	7	22.05	22.07	22.04	
5	16QAM	12	13	22.03	22.03	21.99	
5	16QAM	25	0	22.00	22.00	22.00	
5	64QAM	1	0	22.21	22.24	22.26	23
5	64QAM	1	12	22.32	22.35	22.31	
5	64QAM	1	24	22.17	22.19	22.09	
5	64QAM	12	0	21.03	21.06	21.06	22
5	64QAM	12	7	21.04	21.05	21.03	
5	64QAM	12	13	21.02	21.04	20.99	
5	64QAM	25	0	20.99	21.01	20.96	
5	256QAM	1	0	19.30	19.26	19.29	20
5	256QAM	1	12	19.10	19.10	19.06	
5	256QAM	1	24	19.12	19.12	19.13	
5	256QAM	12	0	19.17	19.20	19.16	20
5	256QAM	12	7	19.11	19.13	19.13	
5	256QAM	12	13	19.08	19.06	19.07	
5	256QAM	25	0	19.16	19.16	19.13	

<LTE Band 17_Ant 1_Index 1>

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	23.80	23.80	23.81	24.7
10	QPSK	1	25	23.80	23.72	23.80	
10	QPSK	1	49	23.80	23.78	23.79	
10	QPSK	25	0	22.84	22.81	22.86	23.7
10	QPSK	25	12	22.84	22.81	22.85	
10	QPSK	25	25	22.85	22.83	22.87	
10	QPSK	50	0	22.85	22.84	22.88	
10	16QAM	1	0	23.09	23.04	23.05	23.7

10	16QAM	1	25	23.17	22.98	23.21	
10	16QAM	1	49	23.09	23.09	23.04	
10	16QAM	25	0	21.84	21.80	21.84	22.7
10	16QAM	25	12	21.82	21.82	21.83	
10	16QAM	25	25	21.83	21.82	21.86	
10	16QAM	50	0	21.84	21.81	21.86	
10	64QAM	1	0	21.99	21.95	21.97	22.7
10	64QAM	1	25	22.05	22.05	22.08	
10	64QAM	1	49	21.99	22.00	21.97	
10	64QAM	25	0	20.84	20.81	20.85	21.7
10	64QAM	25	12	20.80	20.79	20.83	
10	64QAM	25	25	20.82	20.79	20.85	
10	64QAM	50	0	20.83	20.80	20.85	
10	256QAM	1	0	19.12	19.12	19.14	19.7
10	256QAM	1	25	18.85	18.90	18.88	
10	256QAM	1	49	18.90	18.95	18.90	
10	256QAM	25	0	18.85	18.92	18.88	19.7
10	256QAM	25	12	18.86	18.91	18.84	
10	256QAM	25	25	18.84	18.87	18.81	
10	256QAM	50	0	18.92	18.95	18.89	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.77	23.68	23.75	24.7
5	QPSK	1	12	23.71	23.68	23.75	
5	QPSK	1	24	23.74	23.74	23.78	
5	QPSK	12	0	22.84	22.78	22.77	23.7
5	QPSK	12	7	22.80	22.77	22.78	
5	QPSK	12	13	22.81	22.79	22.78	
5	QPSK	25	0	22.82	22.81	22.76	
5	16QAM	1	0	23.12	23.00	22.99	23.7
5	16QAM	1	12	23.12	23.03	23.06	
5	16QAM	1	24	23.02	23.04	22.99	
5	16QAM	12	0	21.81	21.77	21.77	22.7
5	16QAM	12	7	21.83	21.80	21.79	
5	16QAM	12	13	21.80	21.78	21.78	
5	16QAM	25	0	21.77	21.76	21.73	
5	64QAM	1	0	22.01	21.94	21.97	22.7
5	64QAM	1	12	22.11	22.05	22.11	
5	64QAM	1	24	21.94	21.95	21.94	
5	64QAM	12	0	20.82	20.78	20.78	21.7
5	64QAM	12	7	20.82	20.73	20.80	
5	64QAM	12	13	20.80	20.84	20.80	
5	64QAM	25	0	20.76	20.79	20.71	
5	256QAM	1	0	19.08	19.08	19.09	19.7
5	256QAM	1	12	18.79	18.86	18.83	
5	256QAM	1	24	18.85	18.88	18.85	
5	256QAM	12	0	18.78	18.88	18.82	19.7
5	256QAM	12	7	18.80	18.86	18.78	
5	256QAM	12	13	18.78	18.79	18.77	
5	256QAM	25	0	18.88	18.89	18.84	

<LTE Band 17_Ant 1_Index 2>

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	23.80	23.80	23.81	24.6
10	QPSK	1	25	23.80	23.72	23.80	
10	QPSK	1	49	23.80	23.78	23.79	
10	QPSK	25	0	22.84	22.81	22.86	23.7

10	QPSK	25	12	22.84	22.81	22.85	
10	QPSK	25	25	22.85	22.83	22.87	
10	QPSK	50	0	22.85	22.84	22.88	
10	16QAM	1	0	23.09	23.04	23.05	23.7
10	16QAM	1	25	23.17	22.98	23.21	
10	16QAM	1	49	23.09	23.09	23.04	
10	16QAM	25	0	21.84	21.80	21.84	22.7
10	16QAM	25	12	21.82	21.82	21.83	
10	16QAM	25	25	21.83	21.82	21.86	
10	16QAM	50	0	21.84	21.81	21.86	
10	64QAM	1	0	21.99	21.95	21.97	22.7
10	64QAM	1	25	22.05	22.05	22.08	
10	64QAM	1	49	21.99	22.00	21.97	
10	64QAM	25	0	20.84	20.81	20.85	21.7
10	64QAM	25	12	20.80	20.79	20.83	
10	64QAM	25	25	20.82	20.79	20.85	
10	64QAM	50	0	20.83	20.80	20.85	
10	256QAM	1	0	19.12	19.12	19.14	19.7
10	256QAM	1	25	18.85	18.90	18.88	
10	256QAM	1	49	18.90	18.95	18.90	
10	256QAM	25	0	18.85	18.92	18.88	19.7
10	256QAM	25	12	18.86	18.91	18.84	
10	256QAM	25	25	18.84	18.87	18.81	
10	256QAM	50	0	18.92	18.95	18.89	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.77	23.68	23.75	24.6
5	QPSK	1	12	23.71	23.68	23.75	
5	QPSK	1	24	23.74	23.74	23.78	
5	QPSK	12	0	22.84	22.78	22.77	23.7
5	QPSK	12	7	22.80	22.77	22.78	
5	QPSK	12	13	22.81	22.79	22.78	
5	QPSK	25	0	22.82	22.81	22.76	
5	16QAM	1	0	23.12	23.00	22.99	23.7
5	16QAM	1	12	23.12	23.03	23.06	
5	16QAM	1	24	23.02	23.04	22.99	
5	16QAM	12	0	21.81	21.77	21.77	22.7
5	16QAM	12	7	21.83	21.80	21.79	
5	16QAM	12	13	21.80	21.78	21.78	
5	16QAM	25	0	21.77	21.76	21.73	
5	64QAM	1	0	22.01	21.94	21.97	22.7
5	64QAM	1	12	22.11	22.05	22.11	
5	64QAM	1	24	21.94	21.95	21.94	
5	64QAM	12	0	20.82	20.78	20.78	21.7
5	64QAM	12	7	20.82	20.73	20.80	
5	64QAM	12	13	20.80	20.84	20.80	
5	64QAM	25	0	20.76	20.79	20.71	
5	256QAM	1	0	19.08	19.08	19.09	19.7
5	256QAM	1	12	18.79	18.86	18.83	
5	256QAM	1	24	18.85	18.88	18.85	
5	256QAM	12	0	18.78	18.88	18.82	19.7
5	256QAM	12	7	18.80	18.86	18.78	
5	256QAM	12	13	18.78	18.79	18.77	
5	256QAM	25	0	18.88	18.89	18.84	

<LTE Band 17_Ant 1_Index 3>

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	22.52	22.53	22.51	23.4
10	QPSK	1	25	22.49	22.49	22.53	
10	QPSK	1	49	22.52	22.52	22.54	
10	QPSK	25	0	22.56	22.53	22.56	23.4
10	QPSK	25	12	22.57	22.54	22.61	
10	QPSK	25	25	22.57	22.54	22.60	
10	QPSK	50	0	22.57	22.55	22.61	
10	16QAM	1	0	22.83	22.79	22.78	23.4
10	16QAM	1	25	22.71	22.73	22.83	
10	16QAM	1	49	22.86	22.83	22.80	
10	16QAM	25	0	21.83	21.82	21.87	22.7
10	16QAM	25	12	21.83	21.81	21.89	
10	16QAM	25	25	21.84	21.86	21.88	
10	16QAM	50	0	21.86	21.84	21.87	
10	64QAM	1	0	21.97	21.96	21.99	22.7
10	64QAM	1	25	21.87	21.90	21.93	
10	64QAM	1	49	22.01	22.00	22.04	
10	64QAM	25	0	20.80	20.79	20.83	21.7
10	64QAM	25	12	20.81	20.78	20.83	
10	64QAM	25	25	20.83	20.81	20.86	
10	64QAM	50	0	20.85	20.82	20.86	
10	256QAM	1	0	19.08	19.04	19.09	19.7
10	256QAM	1	25	18.77	18.80	18.87	
10	256QAM	1	49	18.86	18.93	18.86	
10	256QAM	25	0	18.85	18.89	18.83	19.7
10	256QAM	25	12	18.82	18.91	18.75	
10	256QAM	25	25	18.84	18.77	18.78	
10	256QAM	50	0	18.87	18.90	18.86	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.52	22.50	22.46	23.4
5	QPSK	1	12	22.42	22.41	22.51	
5	QPSK	1	24	22.49	22.49	22.46	
5	QPSK	12	0	22.48	22.51	22.54	23.4
5	QPSK	12	7	22.53	22.51	22.59	
5	QPSK	12	13	22.52	22.52	22.52	
5	QPSK	25	0	22.53	22.46	22.59	
5	16QAM	1	0	22.83	22.69	22.70	23.4
5	16QAM	1	12	22.62	22.65	22.79	
5	16QAM	1	24	22.86	22.79	22.71	
5	16QAM	12	0	21.82	21.78	21.86	22.7
5	16QAM	12	7	21.82	21.72	21.81	
5	16QAM	12	13	21.84	21.76	21.88	
5	16QAM	25	0	21.79	21.80	21.77	
5	64QAM	1	0	21.92	21.87	21.89	22.7
5	64QAM	1	12	21.84	21.81	21.85	
5	64QAM	1	24	21.97	21.96	22.01	
5	64QAM	12	0	20.72	20.71	20.76	21.7
5	64QAM	12	7	20.77	20.73	20.75	
5	64QAM	12	13	20.76	20.74	20.77	
5	64QAM	25	0	20.85	20.72	20.85	
5	256QAM	1	0	19.04	18.98	19.02	19.7
5	256QAM	1	12	18.67	18.74	18.81	
5	256QAM	1	24	18.86	18.83	18.80	
5	256QAM	12	0	18.84	18.87	18.79	19.7
5	256QAM	12	7	18.74	18.91	18.69	

5	256QAM	12	13	18.80	18.70	18.78	
5	256QAM	25	0	18.79	18.80	18.77	

<LTE Band 17_Ant 1_Index 4>

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	23.80	23.80	23.81	24.7
10	QPSK	1	25	23.80	23.72	23.80	
10	QPSK	1	49	23.80	23.78	23.79	
10	QPSK	25	0	22.84	22.81	22.86	23.7
10	QPSK	25	12	22.84	22.81	22.85	
10	QPSK	25	25	22.85	22.83	22.87	
10	QPSK	50	0	22.85	22.84	22.88	
10	16QAM	1	0	23.09	23.04	23.05	23.7
10	16QAM	1	25	23.17	22.98	23.21	
10	16QAM	1	49	23.09	23.09	23.04	
10	16QAM	25	0	21.84	21.80	21.84	22.7
10	16QAM	25	12	21.82	21.82	21.83	
10	16QAM	25	25	21.83	21.82	21.86	
10	16QAM	50	0	21.84	21.81	21.86	
10	64QAM	1	0	21.99	21.95	21.97	22.7
10	64QAM	1	25	22.05	22.05	22.08	
10	64QAM	1	49	21.99	22.00	21.97	
10	64QAM	25	0	20.84	20.81	20.85	21.7
10	64QAM	25	12	20.80	20.79	20.83	
10	64QAM	25	25	20.82	20.79	20.85	
10	64QAM	50	0	20.83	20.80	20.85	
10	256QAM	1	0	19.12	19.12	19.14	19.7
10	256QAM	1	25	18.85	18.90	18.88	
10	256QAM	1	49	18.90	18.95	18.90	
10	256QAM	25	0	18.85	18.92	18.88	19.7
10	256QAM	25	12	18.86	18.91	18.84	
10	256QAM	25	25	18.84	18.87	18.81	
10	256QAM	50	0	18.92	18.95	18.89	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.77	23.68	23.75	24.7
5	QPSK	1	12	23.71	23.68	23.75	
5	QPSK	1	24	23.74	23.74	23.78	
5	QPSK	12	0	22.84	22.78	22.77	23.7
5	QPSK	12	7	22.80	22.77	22.78	
5	QPSK	12	13	22.81	22.79	22.78	
5	QPSK	25	0	22.82	22.81	22.76	
5	16QAM	1	0	23.12	23.00	22.99	23.7
5	16QAM	1	12	23.12	23.03	23.06	
5	16QAM	1	24	23.02	23.04	22.99	
5	16QAM	12	0	21.81	21.77	21.77	22.7
5	16QAM	12	7	21.83	21.80	21.79	
5	16QAM	12	13	21.80	21.78	21.78	
5	16QAM	25	0	21.77	21.76	21.73	
5	64QAM	1	0	22.01	21.94	21.97	22.7
5	64QAM	1	12	22.11	22.05	22.11	
5	64QAM	1	24	21.94	21.95	21.94	
5	64QAM	12	0	20.82	20.78	20.78	21.7
5	64QAM	12	7	20.82	20.73	20.80	
5	64QAM	12	13	20.80	20.84	20.80	
5	64QAM	25	0	20.76	20.79	20.71	
5	256QAM	1	0	19.08	19.08	19.09	19.7

5	256QAM	1	12	18.79	18.86	18.83	
5	256QAM	1	24	18.85	18.88	18.85	
5	256QAM	12	0	18.78	18.88	18.82	19.7
5	256QAM	12	7	18.80	18.86	18.78	
5	256QAM	12	13	18.78	18.79	18.77	
5	256QAM	25	0	18.88	18.89	18.84	

<LTE Band 17_Ant 1_Index 5>

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	23.80	23.80	23.81	24.7
10	QPSK	1	25	23.80	23.72	23.80	
10	QPSK	1	49	23.80	23.78	23.79	
10	QPSK	25	0	22.84	22.81	22.86	23.7
10	QPSK	25	12	22.84	22.81	22.85	
10	QPSK	25	25	22.85	22.83	22.87	
10	QPSK	50	0	22.85	22.84	22.88	
10	16QAM	1	0	23.09	23.04	23.05	23.7
10	16QAM	1	25	23.17	22.98	23.21	
10	16QAM	1	49	23.09	23.09	23.04	
10	16QAM	25	0	21.84	21.80	21.84	22.7
10	16QAM	25	12	21.82	21.82	21.83	
10	16QAM	25	25	21.83	21.82	21.86	
10	16QAM	50	0	21.84	21.81	21.86	
10	64QAM	1	0	21.99	21.95	21.97	22.7
10	64QAM	1	25	22.05	22.05	22.08	
10	64QAM	1	49	21.99	22.00	21.97	
10	64QAM	25	0	20.84	20.81	20.85	21.7
10	64QAM	25	12	20.80	20.79	20.83	
10	64QAM	25	25	20.82	20.79	20.85	
10	64QAM	50	0	20.83	20.80	20.85	
10	256QAM	1	0	19.12	19.12	19.14	19.7
10	256QAM	1	25	18.85	18.90	18.88	
10	256QAM	1	49	18.90	18.95	18.90	
10	256QAM	25	0	18.85	18.92	18.88	19.7
10	256QAM	25	12	18.86	18.91	18.84	
10	256QAM	25	25	18.84	18.87	18.81	
10	256QAM	50	0	18.92	18.95	18.89	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.77	23.68	23.75	24.7
5	QPSK	1	12	23.71	23.68	23.75	
5	QPSK	1	24	23.74	23.74	23.78	
5	QPSK	12	0	22.84	22.78	22.77	23.7
5	QPSK	12	7	22.80	22.77	22.78	
5	QPSK	12	13	22.81	22.79	22.78	
5	QPSK	25	0	22.82	22.81	22.76	
5	16QAM	1	0	23.12	23.00	22.99	23.7
5	16QAM	1	12	23.12	23.03	23.06	
5	16QAM	1	24	23.02	23.04	22.99	
5	16QAM	12	0	21.81	21.77	21.77	22.7
5	16QAM	12	7	21.83	21.80	21.79	
5	16QAM	12	13	21.80	21.78	21.78	
5	16QAM	25	0	21.77	21.76	21.73	
5	64QAM	1	0	22.01	21.94	21.97	22.7
5	64QAM	1	12	22.11	22.05	22.11	
5	64QAM	1	24	21.94	21.95	21.94	
5	64QAM	12	0	20.82	20.78	20.78	21.7

5	64QAM	12	7	20.82	20.73	20.80	
5	64QAM	12	13	20.80	20.84	20.80	
5	64QAM	25	0	20.76	20.79	20.71	
5	256QAM	1	0	19.08	19.08	19.09	19.7
5	256QAM	1	12	18.79	18.86	18.83	
5	256QAM	1	24	18.85	18.88	18.85	
5	256QAM	12	0	18.78	18.88	18.82	19.7
5	256QAM	12	7	18.80	18.86	18.78	
5	256QAM	12	13	18.78	18.79	18.77	
5	256QAM	25	0	18.88	18.89	18.84	

<LTE Band 17_Ant 1_Index 6>

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	23.80	23.80	23.81	24.7
10	QPSK	1	25	23.80	23.72	23.80	
10	QPSK	1	49	23.80	23.78	23.79	
10	QPSK	25	0	22.84	22.81	22.86	23.7
10	QPSK	25	12	22.84	22.81	22.85	
10	QPSK	25	25	22.85	22.83	22.87	
10	QPSK	50	0	22.85	22.84	22.88	
10	16QAM	1	0	23.09	23.04	23.05	23.7
10	16QAM	1	25	23.17	22.98	23.21	
10	16QAM	1	49	23.09	23.09	23.04	
10	16QAM	25	0	21.84	21.80	21.84	22.7
10	16QAM	25	12	21.82	21.82	21.83	
10	16QAM	25	25	21.83	21.82	21.86	
10	16QAM	50	0	21.84	21.81	21.86	
10	64QAM	1	0	21.99	21.95	21.97	22.7
10	64QAM	1	25	22.05	22.05	22.08	
10	64QAM	1	49	21.99	22.00	21.97	
10	64QAM	25	0	20.84	20.81	20.85	21.7
10	64QAM	25	12	20.80	20.79	20.83	
10	64QAM	25	25	20.82	20.79	20.85	
10	64QAM	50	0	20.83	20.80	20.85	
10	256QAM	1	0	19.12	19.12	19.14	19.7
10	256QAM	1	25	18.85	18.90	18.88	
10	256QAM	1	49	18.90	18.95	18.90	
10	256QAM	25	0	18.85	18.92	18.88	19.7
10	256QAM	25	12	18.86	18.91	18.84	
10	256QAM	25	25	18.84	18.87	18.81	
10	256QAM	50	0	18.92	18.95	18.89	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.77	23.68	23.75	24.7
5	QPSK	1	12	23.71	23.68	23.75	
5	QPSK	1	24	23.74	23.74	23.78	
5	QPSK	12	0	22.84	22.78	22.77	23.7
5	QPSK	12	7	22.80	22.77	22.78	
5	QPSK	12	13	22.81	22.79	22.78	
5	QPSK	25	0	22.82	22.81	22.76	
5	16QAM	1	0	23.12	23.00	22.99	23.7
5	16QAM	1	12	23.12	23.03	23.06	
5	16QAM	1	24	23.02	23.04	22.99	
5	16QAM	12	0	21.81	21.77	21.77	22.7
5	16QAM	12	7	21.83	21.80	21.79	
5	16QAM	12	13	21.80	21.78	21.78	
5	16QAM	25	0	21.77	21.76	21.73	

5	64QAM	1	0	22.01	21.94	21.97	22.7
5	64QAM	1	12	22.11	22.05	22.11	
5	64QAM	1	24	21.94	21.95	21.94	
5	64QAM	12	0	20.82	20.78	20.78	21.7
5	64QAM	12	7	20.82	20.73	20.80	
5	64QAM	12	13	20.80	20.84	20.80	
5	64QAM	25	0	20.76	20.79	20.71	
5	256QAM	1	0	19.08	19.08	19.09	19.7
5	256QAM	1	12	18.79	18.86	18.83	
5	256QAM	1	24	18.85	18.88	18.85	
5	256QAM	12	0	18.78	18.88	18.82	19.7
5	256QAM	12	7	18.80	18.86	18.78	
5	256QAM	12	13	18.78	18.79	18.77	
5	256QAM	25	0	18.88	18.89	18.84	

<LTE Band 25_Ant 0_Index 1>

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	23.45	23.46	23.45	24.7
20	QPSK	1	49	23.22	23.33	23.36	
20	QPSK	1	99	23.35	23.29	23.37	
20	QPSK	50	0	22.44	22.45	22.44	23.7
20	QPSK	50	24	22.43	22.41	22.43	
20	QPSK	50	50	22.39	22.35	22.43	
20	QPSK	100	0	22.41	22.42	22.40	
20	16QAM	1	0	22.80	22.74	22.72	23.7
20	16QAM	1	49	22.68	22.71	22.75	
20	16QAM	1	99	22.65	22.56	22.63	
20	16QAM	50	0	21.47	21.46	21.49	22.7
20	16QAM	50	24	21.39	21.41	21.45	
20	16QAM	50	50	21.37	21.34	21.40	
20	16QAM	100	0	21.43	21.41	21.45	
20	64QAM	1	0	21.74	21.64	21.63	22.7
20	64QAM	1	49	21.61	21.66	21.67	
20	64QAM	1	99	21.53	21.43	21.55	
20	64QAM	50	0	20.48	20.49	20.52	21.7
20	64QAM	50	24	20.41	20.45	20.48	
20	64QAM	50	50	20.37	20.38	20.44	
20	64QAM	100	0	20.41	20.42	20.48	
20	256QAM	1	0	18.67	18.58	18.62	19.7
20	256QAM	1	49	18.33	18.35	18.30	
20	256QAM	1	99	18.46	18.49	18.43	
20	256QAM	50	0	18.45	18.50	18.43	19.7
20	256QAM	50	24	18.46	18.48	18.44	
20	256QAM	50	50	18.39	18.43	18.39	
20	256QAM	100	0	18.42	18.47	18.41	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.40	23.41	23.33	24.7
15	QPSK	1	37	23.17	23.18	23.11	
15	QPSK	1	74	23.29	23.27	23.20	
15	QPSK	36	0	22.39	22.38	22.31	23.7
15	QPSK	36	20	22.35	22.33	22.27	
15	QPSK	36	39	22.33	22.31	22.24	
15	QPSK	75	0	22.36	22.34	22.28	
15	16QAM	1	0	22.74	22.68	22.60	23.7
15	16QAM	1	37	22.67	22.65	22.58	
15	16QAM	1	74	22.58	22.50	22.45	

15	16QAM	36	0	21.42	21.37	21.32	22.7
15	16QAM	36	20	21.32	21.33	21.28	
15	16QAM	36	39	21.31	21.29	21.25	
15	16QAM	75	0	21.36	21.34	21.28	
15	64QAM	1	0	21.66	21.58	21.50	22.7
15	64QAM	1	37	21.64	21.64	21.59	
15	64QAM	1	74	21.47	21.42	21.39	
15	64QAM	36	0	20.42	20.42	20.32	21.7
15	64QAM	36	20	20.34	20.38	20.27	
15	64QAM	36	39	20.30	20.35	20.22	
15	64QAM	75	0	20.33	20.36	20.23	
15	256QAM	1	0	18.59	18.53	18.58	19.7
15	256QAM	1	37	18.28	18.28	18.26	
15	256QAM	1	74	18.38	18.43	18.39	
15	256QAM	36	0	18.38	18.47	18.37	19.7
15	256QAM	36	20	18.43	18.44	18.37	
15	256QAM	36	39	18.33	18.40	18.32	
15	256QAM	75	0	18.39	18.42	18.37	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.36	23.30	23.22	24.7
10	QPSK	1	25	23.29	23.31	23.17	
10	QPSK	1	49	23.27	23.27	23.16	
10	QPSK	25	0	22.40	22.35	22.24	23.7
10	QPSK	25	12	22.37	22.32	22.22	
10	QPSK	25	25	22.36	22.32	22.23	
10	QPSK	50	0	22.39	22.32	22.23	
10	16QAM	1	0	22.48	22.54	22.44	23.7
10	16QAM	1	25	22.54	22.51	22.39	
10	16QAM	1	49	22.53	22.53	22.39	
10	16QAM	25	0	21.37	21.31	21.22	22.7
10	16QAM	25	12	21.34	21.30	21.20	
10	16QAM	25	25	21.34	21.28	21.17	
10	16QAM	50	0	21.35	21.28	21.18	
10	64QAM	1	0	21.44	21.42	21.32	22.7
10	64QAM	1	25	21.41	21.33	21.23	
10	64QAM	1	49	21.47	21.39	21.28	
10	64QAM	25	0	20.34	20.29	20.22	21.7
10	64QAM	25	12	20.32	20.27	20.18	
10	64QAM	25	25	20.31	20.26	20.16	
10	64QAM	50	0	20.34	20.29	20.22	
10	256QAM	1	0	18.63	18.55	18.54	19.7
10	256QAM	1	25	18.27	18.28	18.25	
10	256QAM	1	49	18.40	18.46	18.35	
10	256QAM	25	0	18.39	18.46	18.36	19.7
10	256QAM	25	12	18.39	18.45	18.37	
10	256QAM	25	25	18.35	18.37	18.35	
10	256QAM	50	0	18.34	18.43	18.35	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.43	23.41	23.35	24.7
5	QPSK	1	12	23.33	23.30	23.15	
5	QPSK	1	24	23.38	23.25	23.19	
5	QPSK	12	0	22.33	22.28	22.22	23.7
5	QPSK	12	7	22.34	22.25	22.22	
5	QPSK	12	13	22.35	22.27	22.24	
5	QPSK	25	0	22.36	22.32	22.25	
5	16QAM	1	0	22.56	22.61	22.53	23.7
5	16QAM	1	12	22.56	22.56	22.51	
5	16QAM	1	24	22.57	22.55	22.50	
5	16QAM	12	0	21.32	21.26	21.17	22.7
5	16QAM	12	7	21.36	21.28	21.24	
5	16QAM	12	13	21.32	21.25	21.18	

5	16QAM	25	0	21.31	21.25	21.18	
5	64QAM	1	0	21.55	21.50	21.43	22.7
5	64QAM	1	12	21.65	21.57	21.52	
5	64QAM	1	24	21.53	21.44	21.40	
5	64QAM	12	0	20.32	20.30	20.28	21.7
5	64QAM	12	7	20.33	20.30	20.28	
5	64QAM	12	13	20.32	20.29	20.27	
5	64QAM	25	0	20.29	20.25	20.20	
5	256QAM	1	0	18.62	18.52	18.54	19.7
5	256QAM	1	12	18.30	18.32	18.26	
5	256QAM	1	24	18.38	18.44	18.40	
5	256QAM	12	0	18.39	18.45	18.38	19.7
5	256QAM	12	7	18.40	18.41	18.40	
5	256QAM	12	13	18.33	18.35	18.35	
5	256QAM	25	0	18.38	18.43	18.35	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.26	23.36	23.29	24.7
3	QPSK	1	8	23.19	23.27	23.19	
3	QPSK	1	14	23.20	23.37	23.15	
3	QPSK	8	0	22.33	22.29	22.24	23.7
3	QPSK	8	4	22.25	22.22	22.16	
3	QPSK	8	7	22.32	22.26	22.23	
3	QPSK	15	0	22.43	22.41	22.30	
3	16QAM	1	0	22.54	22.58	22.52	23.7
3	16QAM	1	8	22.49	22.51	22.43	
3	16QAM	1	14	22.58	22.58	22.49	
3	16QAM	8	0	21.37	21.32	21.25	22.7
3	16QAM	8	4	21.34	21.28	21.21	
3	16QAM	8	7	21.33	21.27	21.21	
3	16QAM	15	0	21.38	21.34	21.27	
3	64QAM	1	0	21.51	21.47	21.41	22.7
3	64QAM	1	8	21.43	21.36	21.31	
3	64QAM	1	14	21.54	21.46	21.42	
3	64QAM	8	0	20.33	20.29	20.27	21.7
3	64QAM	8	4	20.30	20.27	20.22	
3	64QAM	8	7	20.36	20.31	20.27	
3	64QAM	15	0	20.30	20.26	20.18	
3	256QAM	1	0	18.62	18.54	18.56	19.7
3	256QAM	1	8	18.28	18.31	18.23	
3	256QAM	1	14	18.41	18.42	18.40	
3	256QAM	8	0	18.40	18.47	18.40	19.7
3	256QAM	8	4	18.41	18.45	18.37	
3	256QAM	8	7	18.31	18.38	18.32	
3	256QAM	15	0	18.37	18.42	18.34	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.29	23.22	23.15	24.7
1.4	QPSK	1	3	23.23	23.17	23.09	
1.4	QPSK	1	5	23.20	23.23	23.14	
1.4	QPSK	3	0	23.22	23.23	23.18	
1.4	QPSK	3	1	23.11	23.11	23.08	
1.4	QPSK	3	3	23.24	23.25	23.20	
1.4	QPSK	6	0	22.31	22.30	22.21	23.7
1.4	16QAM	1	0	22.47	22.53	22.46	23.7
1.4	16QAM	1	3	22.39	22.42	22.37	
1.4	16QAM	1	5	22.48	22.54	22.43	
1.4	16QAM	3	0	22.18	22.20	22.13	
1.4	16QAM	3	1	22.24	22.27	22.19	
1.4	16QAM	3	3	22.19	22.21	22.14	
1.4	16QAM	6	0	21.34	21.32	21.22	22.7
1.4	64QAM	1	0	21.46	21.43	21.37	22.7
1.4	64QAM	1	3	21.28	21.22	21.19	

1.4	64QAM	1	5	21.45	21.41	21.35	
1.4	64QAM	3	0	21.30	21.27	21.22	
1.4	64QAM	3	1	21.35	21.31	21.26	
1.4	64QAM	3	3	21.36	21.34	21.27	
1.4	64QAM	6	0	20.23	20.22	20.16	21.7
1.4	256QAM	1	0	18.53	18.47	18.42	19.7
1.4	256QAM	1	3	18.28	18.35	18.29	
1.4	256QAM	1	5	18.43	18.50	18.43	
1.4	256QAM	3	0	18.47	18.50	18.44	
1.4	256QAM	3	1	18.35	18.42	18.36	
1.4	256QAM	3	3	18.41	18.46	18.42	
1.4	256QAM	6	0	18.37	18.41	18.38	19.7

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.10	23.11	23.04	24.5
20	QPSK	1	49	22.84	23.00	23.01	
20	QPSK	1	99	22.91	22.95	22.84	
20	QPSK	50	0	22.12	22.13	22.05	23.5
20	QPSK	50	24	22.07	22.03	22.01	
20	QPSK	50	50	21.99	22.00	21.94	
20	QPSK	100	0	22.06	22.07	22.02	
20	16QAM	1	0	22.47	22.39	22.31	23.5
20	16QAM	1	49	22.32	22.35	22.31	
20	16QAM	1	99	22.26	22.24	22.15	
20	16QAM	50	0	21.08	21.05	21.03	22.5
20	16QAM	50	24	21.04	20.99	20.98	
20	16QAM	50	50	20.96	20.98	20.91	
20	16QAM	100	0	21.02	21.01	20.97	
20	64QAM	1	0	21.31	21.23	21.21	22.5
20	64QAM	1	49	21.22	21.23	21.23	
20	64QAM	1	99	21.10	21.11	21.02	
20	64QAM	50	0	20.10	20.06	20.01	21.5
20	64QAM	50	24	20.04	20.03	19.98	
20	64QAM	50	50	19.98	19.98	19.92	
20	64QAM	100	0	20.03	20.01	19.96	
20	256QAM	1	0	18.49	18.47	18.38	19.5
20	256QAM	1	49	18.24	18.22	18.13	
20	256QAM	1	99	18.37	18.35	18.26	
20	256QAM	50	0	18.36	18.34	18.25	19.5
20	256QAM	50	24	18.29	18.27	18.18	
20	256QAM	50	50	18.28	18.26	18.17	
20	256QAM	100	0	18.33	18.31	18.22	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.06	23.02	22.98	24.5
15	QPSK	1	37	22.83	22.84	22.81	
15	QPSK	1	74	22.87	22.94	22.85	
15	QPSK	36	0	22.05	22.02	22.00	23.5
15	QPSK	36	20	21.96	21.98	21.95	
15	QPSK	36	39	21.89	21.94	21.90	
15	QPSK	75	0	21.94	21.94	21.93	
15	16QAM	1	0	22.33	22.31	22.31	23.5
15	16QAM	1	37	22.24	22.31	22.22	
15	16QAM	1	74	22.13	22.16	22.11	
15	16QAM	36	0	20.96	20.96	20.97	22.5
15	16QAM	36	20	20.91	20.92	20.90	

15	16QAM	36	39	20.85	20.93	20.87	
15	16QAM	75	0	20.87	20.92	20.91	
15	64QAM	1	0	21.21	21.18	21.18	22.5
15	64QAM	1	37	21.21	21.25	21.25	
15	64QAM	1	74	21.01	21.05	20.97	
15	64QAM	36	0	19.99	19.98	19.96	21.5
15	64QAM	36	20	19.91	19.95	19.91	
15	64QAM	36	39	19.88	19.93	19.87	
15	64QAM	75	0	19.88	19.90	19.88	
15	256QAM	1	0	18.44	18.47	18.29	19.5
15	256QAM	1	37	18.15	18.12	18.07	
15	256QAM	1	74	18.32	18.25	18.21	
15	256QAM	36	0	18.35	18.29	18.16	19.5
15	256QAM	36	20	18.29	18.27	18.15	
15	256QAM	36	39	18.19	18.26	18.07	
15	256QAM	75	0	18.23	18.27	18.17	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.95	22.94	22.97	24.5
10	QPSK	1	25	22.89	22.93	22.85	
10	QPSK	1	49	22.85	22.95	22.84	
10	QPSK	25	0	21.97	21.98	21.97	23.5
10	QPSK	25	12	21.92	21.95	21.92	
10	QPSK	25	25	21.90	21.95	21.93	
10	QPSK	50	0	21.95	21.98	21.93	
10	16QAM	1	0	22.26	22.24	22.21	23.5
10	16QAM	1	25	22.20	22.25	22.15	
10	16QAM	1	49	22.12	22.17	22.08	
10	16QAM	25	0	20.95	20.97	20.93	22.5
10	16QAM	25	12	20.90	20.94	20.91	
10	16QAM	25	25	20.86	20.93	20.89	
10	16QAM	50	0	20.92	20.93	20.90	
10	64QAM	1	0	21.14	21.11	21.10	22.5
10	64QAM	1	25	20.98	21.00	20.98	
10	64QAM	1	49	20.98	21.03	20.94	
10	64QAM	25	0	19.90	19.93	19.93	21.5
10	64QAM	25	12	19.88	19.92	19.88	
10	64QAM	25	25	19.84	19.91	19.84	
10	64QAM	50	0	19.91	19.93	19.91	
10	256QAM	1	0	18.45	18.37	18.32	19.5
10	256QAM	1	25	18.19	18.16	18.06	
10	256QAM	1	49	18.36	18.33	18.25	
10	256QAM	25	0	18.34	18.32	18.18	19.5
10	256QAM	25	12	18.29	18.23	18.12	
10	256QAM	25	25	18.27	18.25	18.11	
10	256QAM	50	0	18.23	18.24	18.15	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.02	22.98	22.85	24.5
5	QPSK	1	12	22.92	22.90	22.84	
5	QPSK	1	24	22.91	22.95	22.85	
5	QPSK	12	0	21.98	21.97	21.93	23.5
5	QPSK	12	7	21.93	21.92	21.90	
5	QPSK	12	13	21.93	21.91	21.91	
5	QPSK	25	0	21.93	21.92	21.93	
5	16QAM	1	0	22.33	22.28	22.27	23.5
5	16QAM	1	12	22.32	22.31	22.24	
5	16QAM	1	24	22.23	22.24	22.19	
5	16QAM	12	0	20.96	20.93	20.93	22.5
5	16QAM	12	7	20.96	20.96	20.93	
5	16QAM	12	13	20.91	20.93	20.89	
5	16QAM	25	0	20.90	20.91	20.86	
5	64QAM	1	0	21.18	21.16	21.14	22.5

5	64QAM	1	12	21.24	21.24	21.23	
5	64QAM	1	24	21.06	21.09	21.05	
5	64QAM	12	0	19.98	19.98	19.96	21.5
5	64QAM	12	7	19.99	19.97	19.96	
5	64QAM	12	13	19.95	19.95	19.94	
5	64QAM	25	0	19.92	19.89	19.89	
5	256QAM	1	0	18.48	18.45	18.33	19.5
5	256QAM	1	12	18.22	18.15	18.04	
5	256QAM	1	24	18.31	18.28	18.19	
5	256QAM	12	0	18.32	18.32	18.20	19.5
5	256QAM	12	7	18.25	18.18	18.09	
5	256QAM	12	13	18.23	18.22	18.11	
5	256QAM	25	0	18.27	18.21	18.14	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.91	22.99	22.96	24.5
3	QPSK	1	8	22.83	22.80	22.87	
3	QPSK	1	14	22.87	22.86	22.87	
3	QPSK	8	0	21.97	21.93	21.88	23.5
3	QPSK	8	4	21.87	21.84	21.82	
3	QPSK	8	7	21.92	21.89	21.91	
3	QPSK	15	0	21.93	21.92	21.95	
3	16QAM	1	0	22.34	22.24	22.22	23.5
3	16QAM	1	8	22.22	22.16	22.13	
3	16QAM	1	14	22.27	22.26	22.20	
3	16QAM	8	0	21.01	20.96	20.98	22.5
3	16QAM	8	4	20.95	20.94	20.91	
3	16QAM	8	7	20.93	20.93	20.87	
3	16QAM	15	0	20.99	20.92	20.96	
3	64QAM	1	0	21.18	21.13	21.12	22.5
3	64QAM	1	8	21.06	21.00	21.02	
3	64QAM	1	14	21.15	21.17	21.10	
3	64QAM	8	0	19.97	19.96	19.93	21.5
3	64QAM	8	4	19.90	19.89	19.87	
3	64QAM	8	7	19.96	19.95	19.93	
3	64QAM	15	0	19.88	19.85	19.84	
3	256QAM	1	0	18.43	18.38	18.29	19.5
3	256QAM	1	8	18.17	18.13	18.13	
3	256QAM	1	14	18.28	18.31	18.19	
3	256QAM	8	0	18.34	18.25	18.19	19.5
3	256QAM	8	4	18.25	18.17	18.13	
3	256QAM	8	7	18.24	18.18	18.10	
3	256QAM	15	0	18.31	18.21	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.00	22.92	22.87	24.5
1.4	QPSK	1	3	22.94	22.86	22.82	
1.4	QPSK	1	5	22.95	22.92	22.89	
1.4	QPSK	3	0	22.93	22.92	22.93	
1.4	QPSK	3	1	22.83	22.82	22.82	
1.4	QPSK	3	3	22.95	22.93	22.93	
1.4	QPSK	6	0	21.92	21.91	21.93	23.5
1.4	16QAM	1	0	22.31	22.29	22.23	23.5
1.4	16QAM	1	3	22.21	22.21	22.18	
1.4	16QAM	1	5	22.31	22.28	22.25	
1.4	16QAM	3	0	21.91	21.89	21.88	
1.4	16QAM	3	1	21.97	21.97	21.92	
1.4	16QAM	3	3	21.94	21.92	21.89	
1.4	16QAM	6	0	21.00	20.97	20.99	22.5
1.4	64QAM	1	0	21.20	21.13	21.10	22.5
1.4	64QAM	1	3	21.04	20.99	20.97	
1.4	64QAM	1	5	21.15	21.15	21.10	
1.4	64QAM	3	0	21.03	20.98	20.96	

1.4	64QAM	3	1	21.06	21.02	20.98	
1.4	64QAM	3	3	21.05	21.02	21.02	
1.4	64QAM	6	0	19.89	19.88	19.88	21.5
1.4	256QAM	1	0	18.40	18.33	18.23	19.5
1.4	256QAM	1	3	18.28	18.21	18.11	
1.4	256QAM	1	5	18.39	18.32	18.22	
1.4	256QAM	3	0	18.31	18.24	18.14	
1.4	256QAM	3	1	18.26	18.19	18.09	
1.4	256QAM	3	3	18.31	18.24	18.14	
1.4	256QAM	6	0	18.28	18.21	18.11	19.5

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.45	23.46	23.45	24.7
20	QPSK	1	49	23.22	23.33	23.36	
20	QPSK	1	99	23.35	23.29	23.37	
20	QPSK	50	0	22.44	22.45	22.44	23.7
20	QPSK	50	24	22.43	22.41	22.43	
20	QPSK	50	50	22.39	22.35	22.43	
20	QPSK	100	0	22.41	22.42	22.40	
20	16QAM	1	0	22.80	22.74	22.72	23.7
20	16QAM	1	49	22.68	22.71	22.75	
20	16QAM	1	99	22.65	22.56	22.63	
20	16QAM	50	0	21.47	21.46	21.49	22.7
20	16QAM	50	24	21.39	21.41	21.45	
20	16QAM	50	50	21.37	21.34	21.40	
20	16QAM	100	0	21.43	21.41	21.45	
20	64QAM	1	0	21.74	21.64	21.63	22.7
20	64QAM	1	49	21.61	21.66	21.67	
20	64QAM	1	99	21.53	21.43	21.55	
20	64QAM	50	0	20.48	20.49	20.52	21.7
20	64QAM	50	24	20.41	20.45	20.48	
20	64QAM	50	50	20.37	20.38	20.44	
20	64QAM	100	0	20.41	20.42	20.48	
20	256QAM	1	0	18.67	18.58	18.62	19.7
20	256QAM	1	49	18.33	18.35	18.30	
20	256QAM	1	99	18.46	18.49	18.43	
20	256QAM	50	0	18.45	18.50	18.43	19.7
20	256QAM	50	24	18.46	18.48	18.44	
20	256QAM	50	50	18.39	18.43	18.39	
20	256QAM	100	0	18.42	18.47	18.41	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.40	23.41	23.33	24.7
15	QPSK	1	37	23.17	23.18	23.11	
15	QPSK	1	74	23.29	23.27	23.20	
15	QPSK	36	0	22.39	22.38	22.31	23.7
15	QPSK	36	20	22.35	22.33	22.27	
15	QPSK	36	39	22.33	22.31	22.24	
15	QPSK	75	0	22.36	22.34	22.28	
15	16QAM	1	0	22.74	22.68	22.60	23.7
15	16QAM	1	37	22.67	22.65	22.58	
15	16QAM	1	74	22.58	22.50	22.45	
15	16QAM	36	0	21.42	21.37	21.32	22.7
15	16QAM	36	20	21.32	21.33	21.28	
15	16QAM	36	39	21.31	21.29	21.25	
15	16QAM	75	0	21.36	21.34	21.28	

15	64QAM	1	0	21.66	21.58	21.50	22.7
15	64QAM	1	37	21.64	21.64	21.59	
15	64QAM	1	74	21.47	21.42	21.39	
15	64QAM	36	0	20.42	20.42	20.32	21.7
15	64QAM	36	20	20.34	20.38	20.27	
15	64QAM	36	39	20.30	20.35	20.22	
15	64QAM	75	0	20.33	20.36	20.23	
15	256QAM	1	0	18.59	18.53	18.58	19.7
15	256QAM	1	37	18.28	18.28	18.26	
15	256QAM	1	74	18.38	18.43	18.39	
15	256QAM	36	0	18.38	18.47	18.37	19.7
15	256QAM	36	20	18.43	18.44	18.37	
15	256QAM	36	39	18.33	18.40	18.32	
15	256QAM	75	0	18.39	18.42	18.37	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.36	23.30	23.22	24.7
10	QPSK	1	25	23.29	23.31	23.17	
10	QPSK	1	49	23.27	23.27	23.16	
10	QPSK	25	0	22.40	22.35	22.24	23.7
10	QPSK	25	12	22.37	22.32	22.22	
10	QPSK	25	25	22.36	22.32	22.23	
10	QPSK	50	0	22.39	22.32	22.23	
10	16QAM	1	0	22.48	22.54	22.44	23.7
10	16QAM	1	25	22.54	22.51	22.39	
10	16QAM	1	49	22.53	22.53	22.39	
10	16QAM	25	0	21.37	21.31	21.22	22.7
10	16QAM	25	12	21.34	21.30	21.20	
10	16QAM	25	25	21.34	21.28	21.17	
10	16QAM	50	0	21.35	21.28	21.18	
10	64QAM	1	0	21.44	21.42	21.32	22.7
10	64QAM	1	25	21.41	21.33	21.23	
10	64QAM	1	49	21.47	21.39	21.28	
10	64QAM	25	0	20.34	20.29	20.22	21.7
10	64QAM	25	12	20.32	20.27	20.18	
10	64QAM	25	25	20.31	20.26	20.16	
10	64QAM	50	0	20.34	20.29	20.22	
10	256QAM	1	0	18.63	18.55	18.54	19.7
10	256QAM	1	25	18.27	18.28	18.25	
10	256QAM	1	49	18.40	18.46	18.35	
10	256QAM	25	0	18.39	18.46	18.36	19.7
10	256QAM	25	12	18.39	18.45	18.37	
10	256QAM	25	25	18.35	18.37	18.35	
10	256QAM	50	0	18.34	18.43	18.35	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.43	23.41	23.35	24.7
5	QPSK	1	12	23.33	23.30	23.15	
5	QPSK	1	24	23.38	23.25	23.19	
5	QPSK	12	0	22.33	22.28	22.22	23.7
5	QPSK	12	7	22.34	22.25	22.22	
5	QPSK	12	13	22.35	22.27	22.24	
5	QPSK	25	0	22.36	22.32	22.25	
5	16QAM	1	0	22.56	22.61	22.53	23.7
5	16QAM	1	12	22.56	22.56	22.51	
5	16QAM	1	24	22.57	22.55	22.50	
5	16QAM	12	0	21.32	21.26	21.17	22.7
5	16QAM	12	7	21.36	21.28	21.24	
5	16QAM	12	13	21.32	21.25	21.18	
5	16QAM	25	0	21.31	21.25	21.18	
5	64QAM	1	0	21.55	21.50	21.43	22.7
5	64QAM	1	12	21.65	21.57	21.52	
5	64QAM	1	24	21.53	21.44	21.40	

5	64QAM	12	0	20.32	20.30	20.28	21.7
5	64QAM	12	7	20.33	20.30	20.28	
5	64QAM	12	13	20.32	20.29	20.27	
5	64QAM	25	0	20.29	20.25	20.20	
5	256QAM	1	0	18.62	18.52	18.54	19.7
5	256QAM	1	12	18.30	18.32	18.26	
5	256QAM	1	24	18.38	18.44	18.40	
5	256QAM	12	0	18.39	18.45	18.38	19.7
5	256QAM	12	7	18.40	18.41	18.40	
5	256QAM	12	13	18.33	18.35	18.35	
5	256QAM	25	0	18.38	18.43	18.35	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.26	23.36	23.29	24.7
3	QPSK	1	8	23.19	23.27	23.19	
3	QPSK	1	14	23.20	23.37	23.15	
3	QPSK	8	0	22.33	22.29	22.24	23.7
3	QPSK	8	4	22.25	22.22	22.16	
3	QPSK	8	7	22.32	22.26	22.23	
3	QPSK	15	0	22.43	22.41	22.30	
3	16QAM	1	0	22.54	22.58	22.52	23.7
3	16QAM	1	8	22.49	22.51	22.43	
3	16QAM	1	14	22.58	22.58	22.49	
3	16QAM	8	0	21.37	21.32	21.25	22.7
3	16QAM	8	4	21.34	21.28	21.21	
3	16QAM	8	7	21.33	21.27	21.21	
3	16QAM	15	0	21.38	21.34	21.27	
3	64QAM	1	0	21.51	21.47	21.41	22.7
3	64QAM	1	8	21.43	21.36	21.31	
3	64QAM	1	14	21.54	21.46	21.42	
3	64QAM	8	0	20.33	20.29	20.27	21.7
3	64QAM	8	4	20.30	20.27	20.22	
3	64QAM	8	7	20.36	20.31	20.27	
3	64QAM	15	0	20.30	20.26	20.18	
3	256QAM	1	0	18.62	18.54	18.56	19.7
3	256QAM	1	8	18.28	18.31	18.23	
3	256QAM	1	14	18.41	18.42	18.40	
3	256QAM	8	0	18.40	18.47	18.40	19.7
3	256QAM	8	4	18.41	18.45	18.37	
3	256QAM	8	7	18.31	18.38	18.32	
3	256QAM	15	0	18.37	18.42	18.34	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.29	23.22	23.15	24.7
1.4	QPSK	1	3	23.23	23.17	23.09	
1.4	QPSK	1	5	23.20	23.23	23.14	
1.4	QPSK	3	0	23.22	23.23	23.18	
1.4	QPSK	3	1	23.11	23.11	23.08	
1.4	QPSK	3	3	23.24	23.25	23.20	
1.4	QPSK	6	0	22.31	22.30	22.21	23.7
1.4	16QAM	1	0	22.47	22.53	22.46	23.7
1.4	16QAM	1	3	22.39	22.42	22.37	
1.4	16QAM	1	5	22.48	22.54	22.43	
1.4	16QAM	3	0	22.18	22.20	22.13	
1.4	16QAM	3	1	22.24	22.27	22.19	
1.4	16QAM	3	3	22.19	22.21	22.14	
1.4	16QAM	6	0	21.34	21.32	21.22	22.7
1.4	64QAM	1	0	21.46	21.43	21.37	22.7
1.4	64QAM	1	3	21.28	21.22	21.19	
1.4	64QAM	1	5	21.45	21.41	21.35	
1.4	64QAM	3	0	21.30	21.27	21.22	
1.4	64QAM	3	1	21.35	21.31	21.26	
1.4	64QAM	3	3	21.36	21.34	21.27	

1.4	64QAM	6	0	20.23	20.22	20.16	21.7
1.4	256QAM	1	0	18.53	18.47	18.42	19.7
1.4	256QAM	1	3	18.28	18.35	18.29	
1.4	256QAM	1	5	18.43	18.50	18.43	
1.4	256QAM	3	0	18.47	18.50	18.44	
1.4	256QAM	3	1	18.35	18.42	18.36	
1.4	256QAM	3	3	18.41	18.46	18.42	
1.4	256QAM	6	0	18.37	18.41	18.38	19.7

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.81	17.82	17.71	19.5
20	QPSK	1	49	17.70	17.70	17.64	
20	QPSK	1	99	17.62	17.63	17.51	
20	QPSK	50	0	17.79	17.80	17.71	19.5
20	QPSK	50	24	17.74	17.72	17.67	
20	QPSK	50	50	17.69	17.69	17.60	
20	QPSK	100	0	17.77	17.78	17.68	
20	16QAM	1	0	18.22	18.10	17.98	19.5
20	16QAM	1	49	18.03	18.02	17.95	
20	16QAM	1	99	18.01	17.97	17.83	
20	16QAM	50	0	17.81	17.76	17.71	19.5
20	16QAM	50	24	17.74	17.72	17.67	
20	16QAM	50	50	17.71	17.67	17.61	
20	16QAM	100	0	17.76	17.77	17.68	
20	64QAM	1	0	18.12	17.98	17.86	19.5
20	64QAM	1	49	17.93	17.96	17.85	
20	64QAM	1	99	17.88	17.86	17.72	
20	64QAM	50	0	17.83	17.79	17.73	19.5
20	64QAM	50	24	17.77	17.76	17.70	
20	64QAM	50	50	17.71	17.73	17.63	
20	64QAM	100	0	17.76	17.73	17.67	
20	256QAM	1	0	17.92	17.93	17.76	19.5
20	256QAM	1	49	17.61	17.72	17.50	
20	256QAM	1	99	17.78	17.77	17.72	
20	256QAM	50	0	17.79	17.79	17.55	19.5
20	256QAM	50	24	17.76	17.64	17.68	
20	256QAM	50	50	17.65	17.73	17.53	
20	256QAM	100	0	17.78	17.64	17.62	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.78	17.77	17.67	19.5
15	QPSK	1	37	17.67	17.65	17.60	
15	QPSK	1	74	17.56	17.59	17.45	
15	QPSK	36	0	17.77	17.74	17.67	19.5
15	QPSK	36	20	17.68	17.66	17.63	
15	QPSK	36	39	17.65	17.64	17.57	
15	QPSK	75	0	17.75	17.74	17.66	
15	16QAM	1	0	18.20	18.08	17.93	19.5
15	16QAM	1	37	17.98	17.96	17.92	
15	16QAM	1	74	17.99	17.92	17.80	
15	16QAM	36	0	17.75	17.74	17.66	19.5
15	16QAM	36	20	17.69	17.67	17.64	
15	16QAM	36	39	17.65	17.62	17.58	
15	16QAM	75	0	17.71	17.73	17.66	
15	64QAM	1	0	18.10	17.93	17.83	19.5
15	64QAM	1	37	17.91	17.94	17.82	

15	64QAM	1	74	17.85	17.80	17.66	
15	64QAM	36	0	17.79	17.77	17.67	19.5
15	64QAM	36	20	17.71	17.74	17.67	
15	64QAM	36	39	17.65	17.69	17.61	
15	64QAM	75	0	17.74	17.71	17.65	
15	256QAM	1	0	17.89	17.87	17.74	19.5
15	256QAM	1	37	17.59	17.67	17.48	
15	256QAM	1	74	17.75	17.73	17.67	
15	256QAM	36	0	17.73	17.75	17.49	19.5
15	256QAM	36	20	17.74	17.62	17.64	
15	256QAM	36	39	17.61	17.71	17.49	
15	256QAM	75	0	17.72	17.59	17.60	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.75	17.78	17.68	19.5
10	QPSK	1	25	17.67	17.64	17.60	
10	QPSK	1	49	17.58	17.57	17.47	
10	QPSK	25	0	17.74	17.77	17.69	19.5
10	QPSK	25	12	17.71	17.68	17.64	
10	QPSK	25	25	17.66	17.67	17.54	
10	QPSK	50	0	17.71	17.74	17.64	
10	16QAM	1	0	18.20	18.08	17.93	19.5
10	16QAM	1	25	18.00	17.98	17.91	
10	16QAM	1	49	17.96	17.92	17.80	
10	16QAM	25	0	17.78	17.74	17.66	19.5
10	16QAM	25	12	17.71	17.68	17.63	
10	16QAM	25	25	17.68	17.61	17.55	
10	16QAM	50	0	17.73	17.71	17.63	
10	64QAM	1	0	18.07	17.96	17.82	19.5
10	64QAM	1	25	17.87	17.92	17.83	
10	64QAM	1	49	17.82	17.83	17.70	
10	64QAM	25	0	17.78	17.77	17.70	19.5
10	64QAM	25	12	17.75	17.70	17.66	
10	64QAM	25	25	17.68	17.67	17.60	
10	64QAM	50	0	17.74	17.67	17.63	
10	256QAM	1	0	17.89	17.90	17.73	19.5
10	256QAM	1	25	17.57	17.67	17.46	
10	256QAM	1	49	17.75	17.71	17.68	
10	256QAM	25	0	17.73	17.77	17.49	19.5
10	256QAM	25	12	17.74	17.61	17.66	
10	256QAM	25	25	17.62	17.70	17.50	
10	256QAM	50	0	17.75	17.61	17.57	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	17.79	17.80	17.66	19.5
5	QPSK	1	12	17.64	17.67	17.61	
5	QPSK	1	24	17.60	17.60	17.45	
5	QPSK	12	0	17.73	17.75	17.66	19.5
5	QPSK	12	7	17.68	17.66	17.62	
5	QPSK	12	13	17.64	17.67	17.55	
5	QPSK	25	0	17.71	17.73	17.63	
5	16QAM	1	0	18.18	18.07	17.95	19.5
5	16QAM	1	12	17.97	17.99	17.89	
5	16QAM	1	24	17.95	17.92	17.78	
5	16QAM	12	0	17.77	17.70	17.69	19.5
5	16QAM	12	7	17.72	17.70	17.62	
5	16QAM	12	13	17.65	17.64	17.58	
5	16QAM	25	0	17.70	17.72	17.62	
5	64QAM	1	0	18.08	17.94	17.83	19.5
5	64QAM	1	12	17.88	17.93	17.80	
5	64QAM	1	24	17.82	17.82	17.70	
5	64QAM	12	0	17.79	17.76	17.67	19.5
5	64QAM	12	7	17.75	17.71	17.64	

5	64QAM	12	13	17.69	17.67	17.61	
5	64QAM	25	0	17.74	17.68	17.62	
5	256QAM	1	0	17.86	17.90	17.72	19.5
5	256QAM	1	12	17.55	17.70	17.47	
5	256QAM	1	24	17.76	17.74	17.66	
5	256QAM	12	0	17.73	17.77	17.49	19.5
5	256QAM	12	7	17.73	17.59	17.66	
5	256QAM	12	13	17.63	17.67	17.50	
5	256QAM	25	0	17.75	17.61	17.58	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	17.75	17.76	17.65	19.5
3	QPSK	1	8	17.65	17.68	17.58	
3	QPSK	1	14	17.60	17.59	17.49	
3	QPSK	8	0	17.77	17.74	17.67	19.5
3	QPSK	8	4	17.68	17.67	17.64	
3	QPSK	8	7	17.65	17.67	17.57	
3	QPSK	15	0	17.73	17.72	17.63	
3	16QAM	1	0	18.19	18.07	17.92	19.5
3	16QAM	1	8	17.98	17.96	17.89	
3	16QAM	1	14	17.95	17.91	17.81	
3	16QAM	8	0	17.79	17.72	17.68	19.5
3	16QAM	8	4	17.71	17.67	17.63	
3	16QAM	8	7	17.66	17.61	17.56	
3	16QAM	15	0	17.72	17.72	17.65	
3	64QAM	1	0	18.07	17.96	17.82	19.5
3	64QAM	1	8	17.89	17.92	17.79	
3	64QAM	1	14	17.86	17.81	17.67	
3	64QAM	8	0	17.80	17.73	17.68	19.5
3	64QAM	8	4	17.75	17.71	17.66	
3	64QAM	8	7	17.67	17.67	17.61	
3	64QAM	15	0	17.72	17.69	17.65	
3	256QAM	1	0	17.89	17.88	17.74	19.5
3	256QAM	1	8	17.57	17.70	17.46	
3	256QAM	1	14	17.75	17.74	17.70	
3	256QAM	8	0	17.75	17.74	17.53	19.5
3	256QAM	8	4	17.71	17.62	17.66	
3	256QAM	8	7	17.60	17.71	17.51	
3	256QAM	15	0	17.76	17.59	17.57	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.67	17.61	17.40	19.5
1.4	QPSK	1	3	17.63	17.60	17.41	
1.4	QPSK	1	5	17.57	17.61	17.38	
1.4	QPSK	3	0	17.51	17.59	17.41	
1.4	QPSK	3	1	17.37	17.38	17.30	
1.4	QPSK	3	3	17.51	17.49	17.41	
1.4	QPSK	6	0	17.47	17.46	17.37	19.5
1.4	16QAM	1	0	17.97	17.88	17.76	19.5
1.4	16QAM	1	3	17.71	17.63	17.50	
1.4	16QAM	1	5	17.91	17.87	17.77	
1.4	16QAM	3	0	17.59	17.54	17.41	
1.4	16QAM	3	1	17.63	17.58	17.49	
1.4	16QAM	3	3	17.53	17.49	17.38	
1.4	16QAM	6	0	17.60	17.58	17.47	19.5
1.4	64QAM	1	0	17.84	17.77	17.66	19.5
1.4	64QAM	1	3	17.63	17.56	17.46	
1.4	64QAM	1	5	17.84	17.77	17.64	
1.4	64QAM	3	0	17.63	17.58	17.46	
1.4	64QAM	3	1	17.72	17.69	17.56	
1.4	64QAM	3	3	17.69	17.66	17.54	
1.4	64QAM	6	0	17.53	17.48	17.39	19.5
1.4	256QAM	1	0	17.78	17.67	17.60	19.5

1.4	256QAM	1	3	17.63	17.54	17.43	
1.4	256QAM	1	5	17.77	17.63	17.53	
1.4	256QAM	3	0	17.57	17.62	17.50	
1.4	256QAM	3	1	17.64	17.53	17.37	
1.4	256QAM	3	3	17.52	17.62	17.39	
1.4	256QAM	6	0	17.67	17.46	17.40	19.5

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.45	23.46	23.45	24.7
20	QPSK	1	49	23.22	23.33	23.36	
20	QPSK	1	99	23.35	23.29	23.37	
20	QPSK	50	0	22.44	22.45	22.44	23.7
20	QPSK	50	24	22.43	22.41	22.43	
20	QPSK	50	50	22.39	22.35	22.43	
20	QPSK	100	0	22.41	22.42	22.40	
20	16QAM	1	0	22.80	22.74	22.72	23.7
20	16QAM	1	49	22.68	22.71	22.75	
20	16QAM	1	99	22.65	22.56	22.63	
20	16QAM	50	0	21.47	21.46	21.49	22.7
20	16QAM	50	24	21.39	21.41	21.45	
20	16QAM	50	50	21.37	21.34	21.40	
20	16QAM	100	0	21.43	21.41	21.45	
20	64QAM	1	0	21.74	21.64	21.63	22.7
20	64QAM	1	49	21.61	21.66	21.67	
20	64QAM	1	99	21.53	21.43	21.55	
20	64QAM	50	0	20.48	20.49	20.52	21.7
20	64QAM	50	24	20.41	20.45	20.48	
20	64QAM	50	50	20.37	20.38	20.44	
20	64QAM	100	0	20.41	20.42	20.48	
20	256QAM	1	0	18.67	18.58	18.62	19.7
20	256QAM	1	49	18.33	18.35	18.30	
20	256QAM	1	99	18.46	18.49	18.43	
20	256QAM	50	0	18.45	18.50	18.43	19.7
20	256QAM	50	24	18.46	18.48	18.44	
20	256QAM	50	50	18.39	18.43	18.39	
20	256QAM	100	0	18.42	18.47	18.41	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.40	23.41	23.33	24.7
15	QPSK	1	37	23.17	23.18	23.11	
15	QPSK	1	74	23.29	23.27	23.20	
15	QPSK	36	0	22.39	22.38	22.31	23.7
15	QPSK	36	20	22.35	22.33	22.27	
15	QPSK	36	39	22.33	22.31	22.24	
15	QPSK	75	0	22.36	22.34	22.28	
15	16QAM	1	0	22.74	22.68	22.60	23.7
15	16QAM	1	37	22.67	22.65	22.58	
15	16QAM	1	74	22.58	22.50	22.45	
15	16QAM	36	0	21.42	21.37	21.32	22.7
15	16QAM	36	20	21.32	21.33	21.28	
15	16QAM	36	39	21.31	21.29	21.25	
15	16QAM	75	0	21.36	21.34	21.28	
15	64QAM	1	0	21.66	21.58	21.50	22.7
15	64QAM	1	37	21.64	21.64	21.59	
15	64QAM	1	74	21.47	21.42	21.39	
15	64QAM	36	0	20.42	20.42	20.32	21.7

15	64QAM	36	20	20.34	20.38	20.27	
15	64QAM	36	39	20.30	20.35	20.22	
15	64QAM	75	0	20.33	20.36	20.23	
15	256QAM	1	0	18.59	18.53	18.58	19.7
15	256QAM	1	37	18.28	18.28	18.26	
15	256QAM	1	74	18.38	18.43	18.39	
15	256QAM	36	0	18.38	18.47	18.37	19.7
15	256QAM	36	20	18.43	18.44	18.37	
15	256QAM	36	39	18.33	18.40	18.32	
15	256QAM	75	0	18.39	18.42	18.37	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.36	23.30	23.22	24.7
10	QPSK	1	25	23.29	23.31	23.17	
10	QPSK	1	49	23.27	23.27	23.16	
10	QPSK	25	0	22.40	22.35	22.24	23.7
10	QPSK	25	12	22.37	22.32	22.22	
10	QPSK	25	25	22.36	22.32	22.23	
10	QPSK	50	0	22.39	22.32	22.23	
10	16QAM	1	0	22.48	22.54	22.44	23.7
10	16QAM	1	25	22.54	22.51	22.39	
10	16QAM	1	49	22.53	22.53	22.39	
10	16QAM	25	0	21.37	21.31	21.22	22.7
10	16QAM	25	12	21.34	21.30	21.20	
10	16QAM	25	25	21.34	21.28	21.17	
10	16QAM	50	0	21.35	21.28	21.18	
10	64QAM	1	0	21.44	21.42	21.32	22.7
10	64QAM	1	25	21.41	21.33	21.23	
10	64QAM	1	49	21.47	21.39	21.28	
10	64QAM	25	0	20.34	20.29	20.22	21.7
10	64QAM	25	12	20.32	20.27	20.18	
10	64QAM	25	25	20.31	20.26	20.16	
10	64QAM	50	0	20.34	20.29	20.22	
10	256QAM	1	0	18.63	18.55	18.54	19.7
10	256QAM	1	25	18.27	18.28	18.25	
10	256QAM	1	49	18.40	18.46	18.35	
10	256QAM	25	0	18.39	18.46	18.36	19.7
10	256QAM	25	12	18.39	18.45	18.37	
10	256QAM	25	25	18.35	18.37	18.35	
10	256QAM	50	0	18.34	18.43	18.35	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.43	23.41	23.35	24.7
5	QPSK	1	12	23.33	23.30	23.15	
5	QPSK	1	24	23.38	23.25	23.19	
5	QPSK	12	0	22.33	22.28	22.22	23.7
5	QPSK	12	7	22.34	22.25	22.22	
5	QPSK	12	13	22.35	22.27	22.24	
5	QPSK	25	0	22.36	22.32	22.25	
5	16QAM	1	0	22.56	22.61	22.53	23.7
5	16QAM	1	12	22.56	22.56	22.51	
5	16QAM	1	24	22.57	22.55	22.50	
5	16QAM	12	0	21.32	21.26	21.17	22.7
5	16QAM	12	7	21.36	21.28	21.24	
5	16QAM	12	13	21.32	21.25	21.18	
5	16QAM	25	0	21.31	21.25	21.18	
5	64QAM	1	0	21.55	21.50	21.43	22.7
5	64QAM	1	12	21.65	21.57	21.52	
5	64QAM	1	24	21.53	21.44	21.40	
5	64QAM	12	0	20.32	20.30	20.28	21.7
5	64QAM	12	7	20.33	20.30	20.28	
5	64QAM	12	13	20.32	20.29	20.27	
5	64QAM	25	0	20.29	20.25	20.20	

5	256QAM	1	0	18.62	18.52	18.54	19.7
5	256QAM	1	12	18.30	18.32	18.26	
5	256QAM	1	24	18.38	18.44	18.40	
5	256QAM	12	0	18.39	18.45	18.38	19.7
5	256QAM	12	7	18.40	18.41	18.40	
5	256QAM	12	13	18.33	18.35	18.35	
5	256QAM	25	0	18.38	18.43	18.35	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.26	23.36	23.29	24.7
3	QPSK	1	8	23.19	23.27	23.19	
3	QPSK	1	14	23.20	23.37	23.15	
3	QPSK	8	0	22.33	22.29	22.24	23.7
3	QPSK	8	4	22.25	22.22	22.16	
3	QPSK	8	7	22.32	22.26	22.23	
3	QPSK	15	0	22.43	22.41	22.30	
3	16QAM	1	0	22.54	22.58	22.52	23.7
3	16QAM	1	8	22.49	22.51	22.43	
3	16QAM	1	14	22.58	22.58	22.49	
3	16QAM	8	0	21.37	21.32	21.25	22.7
3	16QAM	8	4	21.34	21.28	21.21	
3	16QAM	8	7	21.33	21.27	21.21	
3	16QAM	15	0	21.38	21.34	21.27	
3	64QAM	1	0	21.51	21.47	21.41	22.7
3	64QAM	1	8	21.43	21.36	21.31	
3	64QAM	1	14	21.54	21.46	21.42	
3	64QAM	8	0	20.33	20.29	20.27	21.7
3	64QAM	8	4	20.30	20.27	20.22	
3	64QAM	8	7	20.36	20.31	20.27	
3	64QAM	15	0	20.30	20.26	20.18	
3	256QAM	1	0	18.62	18.54	18.56	19.7
3	256QAM	1	8	18.28	18.31	18.23	
3	256QAM	1	14	18.41	18.42	18.40	
3	256QAM	8	0	18.40	18.47	18.40	19.7
3	256QAM	8	4	18.41	18.45	18.37	
3	256QAM	8	7	18.31	18.38	18.32	
3	256QAM	15	0	18.37	18.42	18.34	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.29	23.22	23.15	24.7
1.4	QPSK	1	3	23.23	23.17	23.09	
1.4	QPSK	1	5	23.20	23.23	23.14	
1.4	QPSK	3	0	23.22	23.23	23.18	
1.4	QPSK	3	1	23.11	23.11	23.08	
1.4	QPSK	3	3	23.24	23.25	23.20	
1.4	QPSK	6	0	22.31	22.30	22.21	23.7
1.4	16QAM	1	0	22.47	22.53	22.46	23.7
1.4	16QAM	1	3	22.39	22.42	22.37	
1.4	16QAM	1	5	22.48	22.54	22.43	
1.4	16QAM	3	0	22.18	22.20	22.13	
1.4	16QAM	3	1	22.24	22.27	22.19	
1.4	16QAM	3	3	22.19	22.21	22.14	
1.4	16QAM	6	0	21.34	21.32	21.22	22.7
1.4	64QAM	1	0	21.46	21.43	21.37	22.7
1.4	64QAM	1	3	21.28	21.22	21.19	
1.4	64QAM	1	5	21.45	21.41	21.35	
1.4	64QAM	3	0	21.30	21.27	21.22	
1.4	64QAM	3	1	21.35	21.31	21.26	
1.4	64QAM	3	3	21.36	21.34	21.27	
1.4	64QAM	6	0	20.23	20.22	20.16	21.7
1.4	256QAM	1	0	18.53	18.47	18.42	19.7
1.4	256QAM	1	3	18.28	18.35	18.29	
1.4	256QAM	1	5	18.43	18.50	18.43	

1.4	256QAM	3	0	18.47	18.50	18.44	
1.4	256QAM	3	1	18.35	18.42	18.36	
1.4	256QAM	3	3	18.41	18.46	18.42	
1.4	256QAM	6	0	18.37	18.41	18.38	19.7

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.81	17.82	17.71	18.8
20	QPSK	1	49	17.70	17.70	17.64	
20	QPSK	1	99	17.62	17.63	17.51	
20	QPSK	50	0	17.79	17.80	17.71	18.8
20	QPSK	50	24	17.74	17.72	17.67	
20	QPSK	50	50	17.69	17.69	17.60	
20	QPSK	100	0	17.77	17.78	17.68	
20	16QAM	1	0	18.22	18.10	17.98	18.8
20	16QAM	1	49	18.03	18.02	17.95	
20	16QAM	1	99	18.01	17.97	17.83	
20	16QAM	50	0	17.81	17.76	17.71	18.8
20	16QAM	50	24	17.74	17.72	17.67	
20	16QAM	50	50	17.71	17.67	17.61	
20	16QAM	100	0	17.76	17.77	17.68	
20	64QAM	1	0	18.12	17.98	17.86	18.8
20	64QAM	1	49	17.93	17.96	17.85	
20	64QAM	1	99	17.88	17.86	17.72	
20	64QAM	50	0	17.83	17.79	17.73	18.8
20	64QAM	50	24	17.77	17.76	17.70	
20	64QAM	50	50	17.71	17.73	17.63	
20	64QAM	100	0	17.76	17.73	17.67	
20	256QAM	1	0	17.92	17.93	17.76	18.8
20	256QAM	1	49	17.61	17.72	17.50	
20	256QAM	1	99	17.78	17.77	17.72	
20	256QAM	50	0	17.79	17.79	17.55	18.8
20	256QAM	50	24	17.76	17.64	17.68	
20	256QAM	50	50	17.65	17.73	17.53	
20	256QAM	100	0	17.78	17.64	17.62	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	17.78	17.77	17.67	18.8
15	QPSK	1	37	17.67	17.65	17.60	
15	QPSK	1	74	17.56	17.59	17.45	
15	QPSK	36	0	17.77	17.74	17.67	18.8
15	QPSK	36	20	17.68	17.66	17.63	
15	QPSK	36	39	17.65	17.64	17.57	
15	QPSK	75	0	17.75	17.74	17.66	
15	16QAM	1	0	18.20	18.08	17.93	18.8
15	16QAM	1	37	17.98	17.96	17.92	
15	16QAM	1	74	17.99	17.92	17.80	
15	16QAM	36	0	17.75	17.74	17.66	18.8
15	16QAM	36	20	17.69	17.67	17.64	
15	16QAM	36	39	17.65	17.62	17.58	
15	16QAM	75	0	17.71	17.73	17.66	
15	64QAM	1	0	18.10	17.93	17.83	18.8
15	64QAM	1	37	17.91	17.94	17.82	
15	64QAM	1	74	17.85	17.80	17.66	
15	64QAM	36	0	17.79	17.77	17.67	18.8
15	64QAM	36	20	17.71	17.74	17.67	
15	64QAM	36	39	17.65	17.69	17.61	

15	64QAM	75	0	17.74	17.71	17.65	
15	256QAM	1	0	17.89	17.87	17.74	18.8
15	256QAM	1	37	17.59	17.67	17.48	
15	256QAM	1	74	17.75	17.73	17.67	
15	256QAM	36	0	17.73	17.75	17.49	18.8
15	256QAM	36	20	17.74	17.62	17.64	
15	256QAM	36	39	17.61	17.71	17.49	
15	256QAM	75	0	17.72	17.59	17.60	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	17.75	17.78	17.68	18.8
10	QPSK	1	25	17.67	17.64	17.60	
10	QPSK	1	49	17.58	17.57	17.47	
10	QPSK	25	0	17.74	17.77	17.69	18.8
10	QPSK	25	12	17.71	17.68	17.64	
10	QPSK	25	25	17.66	17.67	17.54	
10	QPSK	50	0	17.71	17.74	17.64	
10	16QAM	1	0	18.20	18.08	17.93	18.8
10	16QAM	1	25	18.00	17.98	17.91	
10	16QAM	1	49	17.96	17.92	17.80	
10	16QAM	25	0	17.78	17.74	17.66	18.8
10	16QAM	25	12	17.71	17.68	17.63	
10	16QAM	25	25	17.68	17.61	17.55	
10	16QAM	50	0	17.73	17.71	17.63	
10	64QAM	1	0	18.07	17.96	17.82	18.8
10	64QAM	1	25	17.87	17.92	17.83	
10	64QAM	1	49	17.82	17.83	17.70	
10	64QAM	25	0	17.78	17.77	17.70	18.8
10	64QAM	25	12	17.75	17.70	17.66	
10	64QAM	25	25	17.68	17.67	17.60	
10	64QAM	50	0	17.74	17.67	17.63	
10	256QAM	1	0	17.89	17.90	17.73	18.8
10	256QAM	1	25	17.57	17.67	17.46	
10	256QAM	1	49	17.75	17.71	17.68	
10	256QAM	25	0	17.73	17.77	17.49	18.8
10	256QAM	25	12	17.74	17.61	17.66	
10	256QAM	25	25	17.62	17.70	17.50	
10	256QAM	50	0	17.75	17.61	17.57	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	17.79	17.80	17.66	18.8
5	QPSK	1	12	17.64	17.67	17.61	
5	QPSK	1	24	17.60	17.60	17.45	
5	QPSK	12	0	17.73	17.75	17.66	18.8
5	QPSK	12	7	17.68	17.66	17.62	
5	QPSK	12	13	17.64	17.67	17.55	
5	QPSK	25	0	17.71	17.73	17.63	
5	16QAM	1	0	18.18	18.07	17.95	18.8
5	16QAM	1	12	17.97	17.99	17.89	
5	16QAM	1	24	17.95	17.92	17.78	
5	16QAM	12	0	17.77	17.70	17.69	18.8
5	16QAM	12	7	17.72	17.70	17.62	
5	16QAM	12	13	17.65	17.64	17.58	
5	16QAM	25	0	17.70	17.72	17.62	
5	64QAM	1	0	18.08	17.94	17.83	18.8
5	64QAM	1	12	17.88	17.93	17.80	
5	64QAM	1	24	17.82	17.82	17.70	
5	64QAM	12	0	17.79	17.76	17.67	18.8
5	64QAM	12	7	17.75	17.71	17.64	
5	64QAM	12	13	17.69	17.67	17.61	
5	64QAM	25	0	17.74	17.68	17.62	
5	256QAM	1	0	17.86	17.90	17.72	18.8
5	256QAM	1	12	17.55	17.70	17.47	

5	256QAM	1	24	17.76	17.74	17.66	
5	256QAM	12	0	17.73	17.77	17.49	18.8
5	256QAM	12	7	17.73	17.59	17.66	
5	256QAM	12	13	17.63	17.67	17.50	
5	256QAM	25	0	17.75	17.61	17.58	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	17.75	17.76	17.65	18.8
3	QPSK	1	8	17.65	17.68	17.58	
3	QPSK	1	14	17.60	17.59	17.49	
3	QPSK	8	0	17.77	17.74	17.67	18.8
3	QPSK	8	4	17.68	17.67	17.64	
3	QPSK	8	7	17.65	17.67	17.57	
3	QPSK	15	0	17.73	17.72	17.63	
3	16QAM	1	0	18.19	18.07	17.92	18.8
3	16QAM	1	8	17.98	17.96	17.89	
3	16QAM	1	14	17.95	17.91	17.81	
3	16QAM	8	0	17.79	17.72	17.68	18.8
3	16QAM	8	4	17.71	17.67	17.63	
3	16QAM	8	7	17.66	17.61	17.56	
3	16QAM	15	0	17.72	17.72	17.65	
3	64QAM	1	0	18.07	17.96	17.82	18.8
3	64QAM	1	8	17.89	17.92	17.79	
3	64QAM	1	14	17.86	17.81	17.67	
3	64QAM	8	0	17.80	17.73	17.68	18.8
3	64QAM	8	4	17.75	17.71	17.66	
3	64QAM	8	7	17.67	17.67	17.61	
3	64QAM	15	0	17.72	17.69	17.65	
3	256QAM	1	0	17.89	17.88	17.74	18.8
3	256QAM	1	8	17.57	17.70	17.46	
3	256QAM	1	14	17.75	17.74	17.70	
3	256QAM	8	0	17.75	17.74	17.53	18.8
3	256QAM	8	4	17.71	17.62	17.66	
3	256QAM	8	7	17.60	17.71	17.51	
3	256QAM	15	0	17.76	17.59	17.57	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	17.67	17.61	17.40	18.8
1.4	QPSK	1	3	17.63	17.60	17.41	
1.4	QPSK	1	5	17.57	17.61	17.38	
1.4	QPSK	3	0	17.51	17.59	17.41	
1.4	QPSK	3	1	17.37	17.38	17.30	
1.4	QPSK	3	3	17.51	17.49	17.41	
1.4	QPSK	6	0	17.47	17.46	17.37	18.8
1.4	16QAM	1	0	17.97	17.88	17.76	18.8
1.4	16QAM	1	3	17.71	17.63	17.50	
1.4	16QAM	1	5	17.91	17.87	17.77	
1.4	16QAM	3	0	17.59	17.54	17.41	
1.4	16QAM	3	1	17.63	17.58	17.49	
1.4	16QAM	3	3	17.53	17.49	17.38	
1.4	16QAM	6	0	17.60	17.58	17.47	18.8
1.4	64QAM	1	0	17.84	17.77	17.66	18.8
1.4	64QAM	1	3	17.63	17.56	17.46	
1.4	64QAM	1	5	17.84	17.77	17.64	
1.4	64QAM	3	0	17.63	17.58	17.46	
1.4	64QAM	3	1	17.72	17.69	17.56	
1.4	64QAM	3	3	17.69	17.66	17.54	
1.4	64QAM	6	0	17.53	17.48	17.39	18.8
1.4	256QAM	1	0	17.78	17.67	17.60	18.8
1.4	256QAM	1	3	17.63	17.54	17.43	
1.4	256QAM	1	5	17.77	17.63	17.53	
1.4	256QAM	3	0	17.57	17.62	17.50	
1.4	256QAM	3	1	17.64	17.53	17.37	

1.4	256QAM	3	3	17.52	17.62	17.39	
1.4	256QAM	6	0	17.67	17.46	17.40	18.8

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.55	16.56	16.55	17.9
20	QPSK	1	49	16.46	16.51	16.50	
20	QPSK	1	99	16.46	16.46	16.53	
20	QPSK	50	0	16.56	16.58	16.57	17.9
20	QPSK	50	24	16.52	16.53	16.52	
20	QPSK	50	50	16.50	16.51	16.53	
20	QPSK	100	0	16.54	16.57	16.55	
20	16QAM	1	0	16.95	16.85	16.91	17.9
20	16QAM	1	49	16.76	16.85	16.90	
20	16QAM	1	99	16.83	16.79	16.85	
20	16QAM	50	0	16.56	16.56	16.63	17.9
20	16QAM	50	24	16.52	16.54	16.63	
20	16QAM	50	50	16.50	16.53	16.59	
20	16QAM	100	0	16.54	16.58	16.64	
20	64QAM	1	0	16.83	16.74	16.78	17.9
20	64QAM	1	49	16.68	16.77	16.85	
20	64QAM	1	99	16.73	16.68	16.70	
20	64QAM	50	0	16.60	16.58	16.65	17.9
20	64QAM	50	24	16.53	16.57	16.65	
20	64QAM	50	50	16.52	16.55	16.59	
20	64QAM	100	0	16.52	16.58	16.63	
20	256QAM	1	0	16.75	16.69	16.71	17.9
20	256QAM	1	49	16.59	16.72	16.76	
20	256QAM	1	99	16.73	16.64	16.63	
20	256QAM	50	0	16.50	16.56	16.63	17.9
20	256QAM	50	24	16.46	16.52	16.64	
20	256QAM	50	50	16.47	16.47	16.54	
20	256QAM	100	0	16.52	16.49	16.53	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.57	16.47	16.58	17.9
15	QPSK	1	37	16.40	16.42	16.57	
15	QPSK	1	74	16.44	16.46	16.53	
15	QPSK	36	0	16.54	16.54	16.52	17.9
15	QPSK	36	20	16.45	16.48	16.54	
15	QPSK	36	39	16.48	16.49	16.56	
15	QPSK	75	0	16.49	16.49	16.59	
15	16QAM	1	0	16.94	16.80	16.89	17.9
15	16QAM	1	37	16.73	16.84	16.81	
15	16QAM	1	74	16.77	16.76	16.77	
15	16QAM	36	0	16.56	16.48	16.53	17.9
15	16QAM	36	20	16.51	16.53	16.56	
15	16QAM	36	39	16.49	16.52	16.49	
15	16QAM	75	0	16.54	16.48	16.63	
15	64QAM	1	0	16.77	16.66	16.71	17.9
15	64QAM	1	37	16.65	16.71	16.75	
15	64QAM	1	74	16.67	16.65	16.65	
15	64QAM	36	0	16.52	16.52	16.61	17.9
15	64QAM	36	20	16.53	16.49	16.64	
15	64QAM	36	39	16.44	16.55	16.50	
15	64QAM	75	0	16.50	16.54	16.59	
15	256QAM	1	0	16.78	16.68	16.71	17.9

15	256QAM	1	37	16.68	16.73	16.85	
15	256QAM	1	74	16.63	16.66	16.69	
15	256QAM	36	0	16.52	16.49	16.63	17.9
15	256QAM	36	20	16.52	16.49	16.63	
15	256QAM	36	39	16.48	16.47	16.59	
15	256QAM	75	0	16.44	16.49	16.58	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	16.54	16.54	16.55	17.9
10	QPSK	1	25	16.39	16.45	16.50	
10	QPSK	1	49	16.38	16.39	16.49	
10	QPSK	25	0	16.53	16.46	16.61	17.9
10	QPSK	25	12	16.51	16.44	16.60	
10	QPSK	25	25	16.44	16.44	16.50	
10	QPSK	50	0	16.51	16.50	16.55	
10	16QAM	1	0	16.85	16.75	16.82	17.9
10	16QAM	1	25	16.69	16.76	16.84	
10	16QAM	1	49	16.75	16.69	16.85	
10	16QAM	25	0	16.54	16.46	16.54	17.9
10	16QAM	25	12	16.43	16.45	16.54	
10	16QAM	25	25	16.43	16.45	16.52	
10	16QAM	50	0	16.53	16.49	16.55	
10	64QAM	1	0	16.83	16.66	16.69	17.9
10	64QAM	1	25	16.61	16.76	16.78	
10	64QAM	1	49	16.69	16.68	16.68	
10	64QAM	25	0	16.56	16.52	16.59	17.9
10	64QAM	25	12	16.43	16.56	16.62	
10	64QAM	25	25	16.44	16.53	16.57	
10	64QAM	50	0	16.50	16.50	16.63	
10	256QAM	1	0	16.82	16.71	16.78	17.9
10	256QAM	1	25	16.58	16.68	16.78	
10	256QAM	1	49	16.68	16.67	16.69	
10	256QAM	25	0	16.57	16.50	16.62	17.9
10	256QAM	25	12	16.47	16.49	16.65	
10	256QAM	25	25	16.45	16.45	16.57	
10	256QAM	50	0	16.50	16.54	16.56	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	16.51	16.52	16.52	17.9
5	QPSK	1	12	16.41	16.47	16.54	
5	QPSK	1	24	16.37	16.37	16.51	
5	QPSK	12	0	16.52	16.54	16.62	17.9
5	QPSK	12	7	16.42	16.48	16.56	
5	QPSK	12	13	16.44	16.43	16.49	
5	QPSK	25	0	16.51	16.47	16.61	
5	16QAM	1	0	16.92	16.77	16.83	17.9
5	16QAM	1	12	16.66	16.82	16.81	
5	16QAM	1	24	16.79	16.69	16.81	
5	16QAM	12	0	16.47	16.52	16.59	17.9
5	16QAM	12	7	16.45	16.48	16.56	
5	16QAM	12	13	16.40	16.50	16.52	
5	16QAM	25	0	16.44	16.58	16.64	
5	64QAM	1	0	16.76	16.64	16.77	17.9
5	64QAM	1	12	16.62	16.67	16.78	
5	64QAM	1	24	16.63	16.66	16.63	
5	64QAM	12	0	16.59	16.49	16.55	17.9
5	64QAM	12	7	16.52	16.52	16.58	
5	64QAM	12	13	16.46	16.46	16.58	
5	64QAM	25	0	16.46	16.58	16.63	
5	256QAM	1	0	16.81	16.65	16.74	17.9
5	256QAM	1	12	16.67	16.70	16.76	
5	256QAM	1	24	16.66	16.68	16.68	
5	256QAM	12	0	16.57	16.50	16.61	17.9

5	256QAM	12	7	16.53	16.50	16.59	
5	256QAM	12	13	16.47	16.54	16.52	
5	256QAM	25	0	16.50	16.49	16.58	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	16.50	16.51	16.54	17.9
3	QPSK	1	8	16.37	16.45	16.52	
3	QPSK	1	14	16.40	16.41	16.43	
3	QPSK	8	0	16.46	16.49	16.61	17.9
3	QPSK	8	4	16.44	16.50	16.52	
3	QPSK	8	7	16.40	16.51	16.52	
3	QPSK	15	0	16.49	16.51	16.57	
3	16QAM	1	0	16.85	16.79	16.86	17.9
3	16QAM	1	8	16.68	16.81	16.88	
3	16QAM	1	14	16.79	16.71	16.84	
3	16QAM	8	0	16.48	16.50	16.54	17.9
3	16QAM	8	4	16.46	16.54	16.58	
3	16QAM	8	7	16.48	16.45	16.54	
3	16QAM	15	0	16.52	16.53	16.63	
3	64QAM	1	0	16.81	16.71	16.75	17.9
3	64QAM	1	8	16.65	16.77	16.83	
3	64QAM	1	14	16.73	16.59	16.62	
3	64QAM	8	0	16.56	16.51	16.59	17.9
3	64QAM	8	4	16.51	16.57	16.61	
3	64QAM	8	7	16.52	16.50	16.49	
3	64QAM	15	0	16.52	16.49	16.62	
3	256QAM	1	0	16.82	16.65	16.75	17.9
3	256QAM	1	8	16.64	16.76	16.82	
3	256QAM	1	14	16.71	16.64	16.61	
3	256QAM	8	0	16.50	16.49	16.57	17.9
3	256QAM	8	4	16.50	16.57	16.57	
3	256QAM	8	7	16.50	16.48	16.55	
3	256QAM	15	0	16.51	16.52	16.61	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	16.53	16.53	16.57	17.9
1.4	QPSK	1	3	16.43	16.43	16.55	
1.4	QPSK	1	5	16.38	16.38	16.47	
1.4	QPSK	3	0	16.49	16.53	16.54	
1.4	QPSK	3	1	16.51	16.52	16.54	
1.4	QPSK	3	3	16.50	16.42	16.53	
1.4	QPSK	6	0	16.46	16.46	16.60	17.9
1.4	16QAM	1	0	16.85	16.78	16.84	17.9
1.4	16QAM	1	3	16.74	16.83	16.86	
1.4	16QAM	1	5	16.78	16.72	16.82	
1.4	16QAM	3	0	16.51	16.47	16.57	
1.4	16QAM	3	1	16.42	16.48	16.63	
1.4	16QAM	3	3	16.45	16.49	16.52	
1.4	16QAM	6	0	16.47	16.53	16.59	17.9
1.4	64QAM	1	0	16.78	16.74	16.70	17.9
1.4	64QAM	1	3	16.64	16.71	16.85	
1.4	64QAM	1	5	16.71	16.60	16.60	
1.4	64QAM	3	0	16.57	16.51	16.63	
1.4	64QAM	3	1	16.48	16.50	16.63	
1.4	64QAM	3	3	16.47	16.48	16.52	
1.4	64QAM	6	0	16.47	16.57	16.62	17.9
1.4	256QAM	1	0	16.79	16.72	16.75	17.9
1.4	256QAM	1	3	16.66	16.73	16.80	
1.4	256QAM	1	5	16.72	16.62	16.64	
1.4	256QAM	3	0	16.52	16.50	16.55	
1.4	256QAM	3	1	16.53	16.48	16.59	
1.4	256QAM	3	3	16.52	16.45	16.55	
1.4	256QAM	6	0	16.52	16.58	16.62	17.9

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.10	23.11	23.04	23.4
20	QPSK	1	49	22.84	23.00	23.01	
20	QPSK	1	99	22.91	22.95	22.84	
20	QPSK	50	0	22.12	22.13	22.05	23.4
20	QPSK	50	24	22.07	22.03	22.01	
20	QPSK	50	50	21.99	22.00	21.94	
20	QPSK	100	0	22.06	22.07	22.02	
20	16QAM	1	0	22.47	22.39	22.31	23.4
20	16QAM	1	49	22.32	22.35	22.31	
20	16QAM	1	99	22.26	22.24	22.15	
20	16QAM	50	0	21.08	21.05	21.03	22.5
20	16QAM	50	24	21.04	20.99	20.98	
20	16QAM	50	50	20.96	20.98	20.91	
20	16QAM	100	0	21.02	21.01	20.97	
20	64QAM	1	0	21.31	21.23	21.21	22.5
20	64QAM	1	49	21.22	21.23	21.23	
20	64QAM	1	99	21.10	21.11	21.02	
20	64QAM	50	0	20.10	20.06	20.01	21.5
20	64QAM	50	24	20.04	20.03	19.98	
20	64QAM	50	50	19.98	19.98	19.92	
20	64QAM	100	0	20.03	20.01	19.96	
20	256QAM	1	0	18.49	18.47	18.38	19.5
20	256QAM	1	49	18.24	18.22	18.13	
20	256QAM	1	99	18.37	18.35	18.26	
20	256QAM	50	0	18.36	18.34	18.25	19.5
20	256QAM	50	24	18.29	18.27	18.18	
20	256QAM	50	50	18.28	18.26	18.17	
20	256QAM	100	0	18.33	18.31	18.22	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.06	23.02	22.98	23.4
15	QPSK	1	37	22.83	22.84	22.81	
15	QPSK	1	74	22.87	22.94	22.85	
15	QPSK	36	0	22.05	22.02	22.00	23.4
15	QPSK	36	20	21.96	21.98	21.95	
15	QPSK	36	39	21.89	21.94	21.90	
15	QPSK	75	0	21.94	21.94	21.93	
15	16QAM	1	0	22.33	22.31	22.31	23.4
15	16QAM	1	37	22.24	22.31	22.22	
15	16QAM	1	74	22.13	22.16	22.11	
15	16QAM	36	0	20.96	20.96	20.97	22.5
15	16QAM	36	20	20.91	20.92	20.90	
15	16QAM	36	39	20.85	20.93	20.87	
15	16QAM	75	0	20.87	20.92	20.91	
15	64QAM	1	0	21.21	21.18	21.18	22.5
15	64QAM	1	37	21.21	21.25	21.25	
15	64QAM	1	74	21.01	21.05	20.97	
15	64QAM	36	0	19.99	19.98	19.96	21.5
15	64QAM	36	20	19.91	19.95	19.91	
15	64QAM	36	39	19.88	19.93	19.87	
15	64QAM	75	0	19.88	19.90	19.88	
15	256QAM	1	0	18.44	18.47	18.29	19.5
15	256QAM	1	37	18.15	18.12	18.07	
15	256QAM	1	74	18.32	18.25	18.21	
15	256QAM	36	0	18.35	18.29	18.16	19.5

15	256QAM	36	20	18.29	18.27	18.15	
15	256QAM	36	39	18.19	18.26	18.07	
15	256QAM	75	0	18.23	18.27	18.17	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.95	22.94	22.97	23.4
10	QPSK	1	25	22.89	22.93	22.85	
10	QPSK	1	49	22.85	22.95	22.84	
10	QPSK	25	0	21.97	21.98	21.97	23.4
10	QPSK	25	12	21.92	21.95	21.92	
10	QPSK	25	25	21.90	21.95	21.93	
10	QPSK	50	0	21.95	21.98	21.93	
10	16QAM	1	0	22.26	22.24	22.21	23.4
10	16QAM	1	25	22.20	22.25	22.15	
10	16QAM	1	49	22.12	22.17	22.08	
10	16QAM	25	0	20.95	20.97	20.93	22.5
10	16QAM	25	12	20.90	20.94	20.91	
10	16QAM	25	25	20.86	20.93	20.89	
10	16QAM	50	0	20.92	20.93	20.90	
10	64QAM	1	0	21.14	21.11	21.10	22.5
10	64QAM	1	25	20.98	21.00	20.98	
10	64QAM	1	49	20.98	21.03	20.94	
10	64QAM	25	0	19.90	19.93	19.93	21.5
10	64QAM	25	12	19.88	19.92	19.88	
10	64QAM	25	25	19.84	19.91	19.84	
10	64QAM	50	0	19.91	19.93	19.91	
10	256QAM	1	0	18.45	18.37	18.32	19.5
10	256QAM	1	25	18.19	18.16	18.06	
10	256QAM	1	49	18.36	18.33	18.25	
10	256QAM	25	0	18.34	18.32	18.18	19.5
10	256QAM	25	12	18.29	18.23	18.12	
10	256QAM	25	25	18.27	18.25	18.11	
10	256QAM	50	0	18.23	18.24	18.15	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.02	22.98	22.85	23.4
5	QPSK	1	12	22.92	22.90	22.84	
5	QPSK	1	24	22.91	22.95	22.85	
5	QPSK	12	0	21.98	21.97	21.93	23.4
5	QPSK	12	7	21.93	21.92	21.90	
5	QPSK	12	13	21.93	21.91	21.91	
5	QPSK	25	0	21.93	21.92	21.93	
5	16QAM	1	0	22.33	22.28	22.27	23.4
5	16QAM	1	12	22.32	22.31	22.24	
5	16QAM	1	24	22.23	22.24	22.19	
5	16QAM	12	0	20.96	20.93	20.93	22.5
5	16QAM	12	7	20.96	20.96	20.93	
5	16QAM	12	13	20.91	20.93	20.89	
5	16QAM	25	0	20.90	20.91	20.86	
5	64QAM	1	0	21.18	21.16	21.14	22.5
5	64QAM	1	12	21.24	21.24	21.23	
5	64QAM	1	24	21.06	21.09	21.05	
5	64QAM	12	0	19.98	19.98	19.96	21.5
5	64QAM	12	7	19.99	19.97	19.96	
5	64QAM	12	13	19.95	19.95	19.94	
5	64QAM	25	0	19.92	19.89	19.89	
5	256QAM	1	0	18.48	18.45	18.33	19.5
5	256QAM	1	12	18.22	18.15	18.04	
5	256QAM	1	24	18.31	18.28	18.19	
5	256QAM	12	0	18.32	18.32	18.20	19.5
5	256QAM	12	7	18.25	18.18	18.09	
5	256QAM	12	13	18.23	18.22	18.11	
5	256QAM	25	0	18.27	18.21	18.14	

Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.91	22.99	22.96	23.4
3	QPSK	1	8	22.83	22.80	22.87	
3	QPSK	1	14	22.87	22.86	22.87	
3	QPSK	8	0	21.97	21.93	21.88	23.4
3	QPSK	8	4	21.87	21.84	21.82	
3	QPSK	8	7	21.92	21.89	21.91	
3	QPSK	15	0	21.93	21.92	21.95	
3	16QAM	1	0	22.34	22.24	22.22	23.4
3	16QAM	1	8	22.22	22.16	22.13	
3	16QAM	1	14	22.27	22.26	22.20	
3	16QAM	8	0	21.01	20.96	20.98	22.5
3	16QAM	8	4	20.95	20.94	20.91	
3	16QAM	8	7	20.93	20.93	20.87	
3	16QAM	15	0	20.99	20.92	20.96	
3	64QAM	1	0	21.18	21.13	21.12	22.5
3	64QAM	1	8	21.06	21.00	21.02	
3	64QAM	1	14	21.15	21.17	21.10	
3	64QAM	8	0	19.97	19.96	19.93	21.5
3	64QAM	8	4	19.90	19.89	19.87	
3	64QAM	8	7	19.96	19.95	19.93	
3	64QAM	15	0	19.88	19.85	19.84	
3	256QAM	1	0	18.43	18.38	18.29	19.5
3	256QAM	1	8	18.17	18.13	18.13	
3	256QAM	1	14	18.28	18.31	18.19	
3	256QAM	8	0	18.34	18.25	18.19	19.5
3	256QAM	8	4	18.25	18.17	18.13	
3	256QAM	8	7	18.24	18.18	18.10	
3	256QAM	15	0	18.31	18.21	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.00	22.92	22.87	23.4
1.4	QPSK	1	3	22.94	22.86	22.82	
1.4	QPSK	1	5	22.95	22.92	22.89	
1.4	QPSK	3	0	22.93	22.92	22.93	
1.4	QPSK	3	1	22.83	22.82	22.82	
1.4	QPSK	3	3	22.95	22.93	22.93	
1.4	QPSK	6	0	21.92	21.91	21.93	23.4
1.4	16QAM	1	0	22.31	22.29	22.23	23.4
1.4	16QAM	1	3	22.21	22.21	22.18	
1.4	16QAM	1	5	22.31	22.28	22.25	
1.4	16QAM	3	0	21.91	21.89	21.88	
1.4	16QAM	3	1	21.97	21.97	21.92	
1.4	16QAM	3	3	21.94	21.92	21.89	
1.4	16QAM	6	0	21.00	20.97	20.99	22.5
1.4	64QAM	1	0	21.20	21.13	21.10	22.5
1.4	64QAM	1	3	21.04	20.99	20.97	
1.4	64QAM	1	5	21.15	21.15	21.10	
1.4	64QAM	3	0	21.03	20.98	20.96	
1.4	64QAM	3	1	21.06	21.02	20.98	
1.4	64QAM	3	3	21.05	21.02	21.02	
1.4	64QAM	6	0	19.89	19.88	19.88	21.5
1.4	256QAM	1	0	18.40	18.33	18.23	19.5
1.4	256QAM	1	3	18.28	18.21	18.11	
1.4	256QAM	1	5	18.39	18.32	18.22	
1.4	256QAM	3	0	18.31	18.24	18.14	
1.4	256QAM	3	1	18.26	18.19	18.09	
1.4	256QAM	3	3	18.31	18.24	18.14	
1.4	256QAM	6	0	18.28	18.21	18.11	19.5

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.73	18.78	18.75	20.4
20	QPSK	1	49	18.54	18.65	18.59	
20	QPSK	1	99	18.61	18.64	18.69	
20	QPSK	50	0	18.69	18.75	18.72	20.4
20	QPSK	50	24	18.64	18.68	18.69	
20	QPSK	50	50	18.62	18.67	18.66	
20	QPSK	100	0	18.66	18.75	18.72	
20	16QAM	1	0	18.83	19.01	19.07	20.4
20	16QAM	1	49	18.65	19.08	19.05	
20	16QAM	1	99	18.75	18.91	19.04	
20	16QAM	50	0	18.68	18.73	18.80	20.4
20	16QAM	50	24	18.63	18.69	18.77	
20	16QAM	50	50	18.62	18.65	18.77	
20	16QAM	100	0	18.67	18.69	18.80	
20	64QAM	1	0	18.77	18.90	18.93	20.4
20	64QAM	1	49	18.52	18.89	18.99	
20	64QAM	1	99	18.64	18.77	18.93	
20	64QAM	50	0	18.70	18.74	18.85	20.4
20	64QAM	50	24	18.66	18.72	18.82	
20	64QAM	50	50	18.64	18.69	18.79	
20	64QAM	100	0	18.66	18.71	18.79	
20	256QAM	1	0	18.55	18.48	18.57	19.7
20	256QAM	1	49	18.18	18.25	18.17	
20	256QAM	1	99	18.29	18.35	18.32	
20	256QAM	50	0	18.34	18.42	18.30	19.7
20	256QAM	50	24	18.42	18.34	18.31	
20	256QAM	50	50	18.25	18.30	18.29	
20	256QAM	100	0	18.37	18.39	18.31	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.65	18.77	18.70	20.4
15	QPSK	1	37	18.52	18.64	18.53	
15	QPSK	1	74	18.58	18.63	18.67	
15	QPSK	36	0	18.65	18.72	18.70	20.4
15	QPSK	36	20	18.62	18.60	18.66	
15	QPSK	36	39	18.56	18.59	18.61	
15	QPSK	75	0	18.64	18.67	18.64	
15	16QAM	1	0	18.79	18.94	19.04	20.4
15	16QAM	1	37	18.59	19.02	19.01	
15	16QAM	1	74	18.71	18.89	18.97	
15	16QAM	36	0	18.62	18.67	18.74	20.4
15	16QAM	36	20	18.59	18.66	18.70	
15	16QAM	36	39	18.55	18.62	18.67	
15	16QAM	75	0	18.64	18.63	18.73	
15	64QAM	1	0	18.67	18.81	18.84	20.4
15	64QAM	1	37	18.50	18.86	18.98	
15	64QAM	1	74	18.55	18.68	18.86	
15	64QAM	36	0	18.62	18.68	18.75	20.4
15	64QAM	36	20	18.60	18.63	18.77	
15	64QAM	36	39	18.63	18.63	18.69	
15	64QAM	75	0	18.56	18.64	18.78	
15	256QAM	1	0	18.54	18.45	18.54	19.7
15	256QAM	1	37	18.16	18.20	18.13	
15	256QAM	1	74	18.20	18.33	18.25	
15	256QAM	36	0	18.26	18.35	18.26	19.7
15	256QAM	36	20	18.33	18.31	18.29	

15	256QAM	36	39	18.22	18.21	18.19	
15	256QAM	75	0	18.33	18.37	18.21	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	18.67	18.71	18.72	20.4
10	QPSK	1	25	18.50	18.62	18.55	
10	QPSK	1	49	18.52	18.58	18.60	
10	QPSK	25	0	18.62	18.67	18.67	20.4
10	QPSK	25	12	18.63	18.63	18.60	
10	QPSK	25	25	18.60	18.61	18.59	
10	QPSK	50	0	18.58	18.66	18.62	
10	16QAM	1	0	18.76	18.96	18.97	20.4
10	16QAM	1	25	18.63	19.01	18.98	
10	16QAM	1	49	18.67	18.88	19.00	
10	16QAM	25	0	18.64	18.65	18.72	20.4
10	16QAM	25	12	18.60	18.66	18.73	
10	16QAM	25	25	18.60	18.64	18.71	
10	16QAM	50	0	18.58	18.67	18.76	
10	64QAM	1	0	18.69	18.89	18.88	20.4
10	64QAM	1	25	18.51	18.87	18.96	
10	64QAM	1	49	18.61	18.76	18.89	
10	64QAM	25	0	18.60	18.65	18.81	20.4
10	64QAM	25	12	18.59	18.65	18.72	
10	64QAM	25	25	18.56	18.59	18.78	
10	64QAM	50	0	18.56	18.68	18.74	
10	256QAM	1	0	18.53	18.45	18.56	19.7
10	256QAM	1	25	18.09	18.16	18.12	
10	256QAM	1	49	18.19	18.29	18.29	
10	256QAM	25	0	18.24	18.39	18.23	19.7
10	256QAM	25	12	18.35	18.31	18.27	
10	256QAM	25	25	18.21	18.24	18.24	
10	256QAM	50	0	18.32	18.34	18.29	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.68	18.72	18.66	20.4
5	QPSK	1	12	18.50	18.59	18.52	
5	QPSK	1	24	18.57	18.57	18.59	
5	QPSK	12	0	18.68	18.66	18.67	20.4
5	QPSK	12	7	18.60	18.62	18.63	
5	QPSK	12	13	18.55	18.61	18.61	
5	QPSK	25	0	18.58	18.70	18.63	
5	16QAM	1	0	18.79	18.92	19.05	20.4
5	16QAM	1	12	18.64	19.03	19.01	
5	16QAM	1	24	18.72	18.82	18.95	
5	16QAM	12	0	18.59	18.63	18.71	20.4
5	16QAM	12	7	18.60	18.65	18.69	
5	16QAM	12	13	18.57	18.57	18.72	
5	16QAM	25	0	18.65	18.63	18.76	
5	64QAM	1	0	18.69	18.84	18.88	20.4
5	64QAM	1	12	18.59	18.86	18.93	
5	64QAM	1	24	18.61	18.72	18.91	
5	64QAM	12	0	18.69	18.67	18.79	20.4
5	64QAM	12	7	18.58	18.68	18.81	
5	64QAM	12	13	18.61	18.68	18.73	
5	64QAM	25	0	18.57	18.69	18.78	
5	256QAM	1	0	18.54	18.45	18.48	19.7
5	256QAM	1	12	18.12	18.22	18.14	
5	256QAM	1	24	18.21	18.33	18.31	
5	256QAM	12	0	18.24	18.36	18.24	19.7
5	256QAM	12	7	18.37	18.30	18.25	
5	256QAM	12	13	18.16	18.20	18.22	
5	256QAM	25	0	18.28	18.35	18.22	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	18.63	18.72	18.65	20.4
3	QPSK	1	8	18.65	18.61	18.54	
3	QPSK	1	14	18.59	18.58	18.60	
3	QPSK	8	0	18.63	18.70	18.67	20.4
3	QPSK	8	4	18.57	18.60	18.65	
3	QPSK	8	7	18.58	18.59	18.60	
3	QPSK	15	0	18.63	18.66	18.66	
3	16QAM	1	0	18.82	18.91	19.02	20.4
3	16QAM	1	8	18.56	18.98	19.04	
3	16QAM	1	14	18.73	18.84	19.02	
3	16QAM	8	0	18.67	18.63	18.73	20.4
3	16QAM	8	4	18.60	18.63	18.72	
3	16QAM	8	7	18.59	18.56	18.74	
3	16QAM	15	0	18.65	18.64	18.73	
3	64QAM	1	0	18.69	18.83	18.92	20.4
3	64QAM	1	8	18.59	18.79	18.97	
3	64QAM	1	14	18.54	18.69	18.90	
3	64QAM	8	0	18.66	18.73	18.84	20.4
3	64QAM	8	4	18.60	18.65	18.74	
3	64QAM	8	7	18.60	18.61	18.78	
3	64QAM	15	0	18.61	18.62	18.73	
3	256QAM	1	0	18.48	18.43	18.56	19.7
3	256QAM	1	8	18.16	18.17	18.09	
3	256QAM	1	14	18.25	18.29	18.26	
3	256QAM	8	0	18.24	18.33	18.22	19.7
3	256QAM	8	4	18.35	18.27	18.24	
3	256QAM	8	7	18.17	18.22	18.24	
3	256QAM	15	0	18.34	18.38	18.27	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	18.67	18.65	18.52	20.4
1.4	QPSK	1	3	18.63	18.58	18.50	
1.4	QPSK	1	5	18.67	18.62	18.53	
1.4	QPSK	3	0	18.55	18.61	18.56	
1.4	QPSK	3	1	18.54	18.59	18.54	
1.4	QPSK	3	3	18.58	18.54	18.53	
1.4	QPSK	6	0	18.61	18.54	18.55	20.4
1.4	16QAM	1	0	18.92	18.89	18.84	20.4
1.4	16QAM	1	3	18.81	18.80	18.78	
1.4	16QAM	1	5	18.93	18.91	18.86	
1.4	16QAM	3	0	18.54	18.51	18.53	
1.4	16QAM	3	1	18.62	18.59	18.55	
1.4	16QAM	3	3	18.54	18.55	18.53	
1.4	16QAM	6	0	18.67	18.63	18.62	20.4
1.4	64QAM	1	0	18.83	18.80	18.76	20.4
1.4	64QAM	1	3	18.62	18.62	18.58	
1.4	64QAM	1	5	18.82	18.76	18.77	
1.4	64QAM	3	0	18.64	18.63	18.60	
1.4	64QAM	3	1	18.67	18.66	18.64	
1.4	64QAM	3	3	18.69	18.72	18.68	
1.4	64QAM	6	0	18.58	18.56	18.52	20.4
1.4	256QAM	1	0	18.52	18.38	18.38	19.7
1.4	256QAM	1	3	18.22	18.32	18.28	
1.4	256QAM	1	5	18.36	18.43	18.41	
1.4	256QAM	3	0	18.38	18.47	18.37	
1.4	256QAM	3	1	18.34	18.35	18.31	
1.4	256QAM	3	3	18.39	18.37	18.36	
1.4	256QAM	6	0	18.33	18.36	18.36	19.7

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.10	23.11	23.04	24.5
20	QPSK	1	49	22.84	23.00	23.01	
20	QPSK	1	99	22.91	22.95	22.84	
20	QPSK	50	0	22.12	22.13	22.05	23.5
20	QPSK	50	24	22.07	22.03	22.01	
20	QPSK	50	50	21.99	22.00	21.94	
20	QPSK	100	0	22.06	22.07	22.02	
20	16QAM	1	0	22.47	22.39	22.31	23.5
20	16QAM	1	49	22.32	22.35	22.31	
20	16QAM	1	99	22.26	22.24	22.15	
20	16QAM	50	0	21.08	21.05	21.03	22.5
20	16QAM	50	24	21.04	20.99	20.98	
20	16QAM	50	50	20.96	20.98	20.91	
20	16QAM	100	0	21.02	21.01	20.97	
20	64QAM	1	0	21.31	21.23	21.21	22.5
20	64QAM	1	49	21.22	21.23	21.23	
20	64QAM	1	99	21.10	21.11	21.02	
20	64QAM	50	0	20.10	20.06	20.01	21.5
20	64QAM	50	24	20.04	20.03	19.98	
20	64QAM	50	50	19.98	19.98	19.92	
20	64QAM	100	0	20.03	20.01	19.96	
20	256QAM	1	0	18.49	18.47	18.38	19.5
20	256QAM	1	49	18.24	18.22	18.13	
20	256QAM	1	99	18.37	18.35	18.26	
20	256QAM	50	0	18.36	18.34	18.25	19.5
20	256QAM	50	24	18.29	18.27	18.18	
20	256QAM	50	50	18.28	18.26	18.17	
20	256QAM	100	0	18.33	18.31	18.22	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.06	23.02	22.98	24.5
15	QPSK	1	37	22.83	22.84	22.81	
15	QPSK	1	74	22.87	22.94	22.85	
15	QPSK	36	0	22.05	22.02	22.00	23.5
15	QPSK	36	20	21.96	21.98	21.95	
15	QPSK	36	39	21.89	21.94	21.90	
15	QPSK	75	0	21.94	21.94	21.93	
15	16QAM	1	0	22.33	22.31	22.31	23.5
15	16QAM	1	37	22.24	22.31	22.22	
15	16QAM	1	74	22.13	22.16	22.11	
15	16QAM	36	0	20.96	20.96	20.97	22.5
15	16QAM	36	20	20.91	20.92	20.90	
15	16QAM	36	39	20.85	20.93	20.87	
15	16QAM	75	0	20.87	20.92	20.91	
15	64QAM	1	0	21.21	21.18	21.18	22.5
15	64QAM	1	37	21.21	21.25	21.25	
15	64QAM	1	74	21.01	21.05	20.97	
15	64QAM	36	0	19.99	19.98	19.96	21.5
15	64QAM	36	20	19.91	19.95	19.91	
15	64QAM	36	39	19.88	19.93	19.87	
15	64QAM	75	0	19.88	19.90	19.88	
15	256QAM	1	0	18.44	18.47	18.29	19.5
15	256QAM	1	37	18.15	18.12	18.07	
15	256QAM	1	74	18.32	18.25	18.21	
15	256QAM	36	0	18.35	18.29	18.16	19.5
15	256QAM	36	20	18.29	18.27	18.15	

15	256QAM	36	39	18.19	18.26	18.07	
15	256QAM	75	0	18.23	18.27	18.17	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.95	22.94	22.97	24.5
10	QPSK	1	25	22.89	22.93	22.85	
10	QPSK	1	49	22.85	22.95	22.84	
10	QPSK	25	0	21.97	21.98	21.97	23.5
10	QPSK	25	12	21.92	21.95	21.92	
10	QPSK	25	25	21.90	21.95	21.93	
10	QPSK	50	0	21.95	21.98	21.93	
10	16QAM	1	0	22.26	22.24	22.21	23.5
10	16QAM	1	25	22.20	22.25	22.15	
10	16QAM	1	49	22.12	22.17	22.08	
10	16QAM	25	0	20.95	20.97	20.93	22.5
10	16QAM	25	12	20.90	20.94	20.91	
10	16QAM	25	25	20.86	20.93	20.89	
10	16QAM	50	0	20.92	20.93	20.90	
10	64QAM	1	0	21.14	21.11	21.10	22.5
10	64QAM	1	25	20.98	21.00	20.98	
10	64QAM	1	49	20.98	21.03	20.94	
10	64QAM	25	0	19.90	19.93	19.93	21.5
10	64QAM	25	12	19.88	19.92	19.88	
10	64QAM	25	25	19.84	19.91	19.84	
10	64QAM	50	0	19.91	19.93	19.91	
10	256QAM	1	0	18.45	18.37	18.32	19.5
10	256QAM	1	25	18.19	18.16	18.06	
10	256QAM	1	49	18.36	18.33	18.25	
10	256QAM	25	0	18.34	18.32	18.18	19.5
10	256QAM	25	12	18.29	18.23	18.12	
10	256QAM	25	25	18.27	18.25	18.11	
10	256QAM	50	0	18.23	18.24	18.15	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.02	22.98	22.85	24.5
5	QPSK	1	12	22.92	22.90	22.84	
5	QPSK	1	24	22.91	22.95	22.85	
5	QPSK	12	0	21.98	21.97	21.93	23.5
5	QPSK	12	7	21.93	21.92	21.90	
5	QPSK	12	13	21.93	21.91	21.91	
5	QPSK	25	0	21.93	21.92	21.93	
5	16QAM	1	0	22.33	22.28	22.27	23.5
5	16QAM	1	12	22.32	22.31	22.24	
5	16QAM	1	24	22.23	22.24	22.19	
5	16QAM	12	0	20.96	20.93	20.93	22.5
5	16QAM	12	7	20.96	20.96	20.93	
5	16QAM	12	13	20.91	20.93	20.89	
5	16QAM	25	0	20.90	20.91	20.86	
5	64QAM	1	0	21.18	21.16	21.14	22.5
5	64QAM	1	12	21.24	21.24	21.23	
5	64QAM	1	24	21.06	21.09	21.05	
5	64QAM	12	0	19.98	19.98	19.96	21.5
5	64QAM	12	7	19.99	19.97	19.96	
5	64QAM	12	13	19.95	19.95	19.94	
5	64QAM	25	0	19.92	19.89	19.89	
5	256QAM	1	0	18.48	18.45	18.33	19.5
5	256QAM	1	12	18.22	18.15	18.04	
5	256QAM	1	24	18.31	18.28	18.19	
5	256QAM	12	0	18.32	18.32	18.20	19.5
5	256QAM	12	7	18.25	18.18	18.09	
5	256QAM	12	13	18.23	18.22	18.11	
5	256QAM	25	0	18.27	18.21	18.14	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.91	22.99	22.96	24.5
3	QPSK	1	8	22.83	22.80	22.87	
3	QPSK	1	14	22.87	22.86	22.87	
3	QPSK	8	0	21.97	21.93	21.88	23.5
3	QPSK	8	4	21.87	21.84	21.82	
3	QPSK	8	7	21.92	21.89	21.91	
3	QPSK	15	0	21.93	21.92	21.95	
3	16QAM	1	0	22.34	22.24	22.22	23.5
3	16QAM	1	8	22.22	22.16	22.13	
3	16QAM	1	14	22.27	22.26	22.20	
3	16QAM	8	0	21.01	20.96	20.98	22.5
3	16QAM	8	4	20.95	20.94	20.91	
3	16QAM	8	7	20.93	20.93	20.87	
3	16QAM	15	0	20.99	20.92	20.96	
3	64QAM	1	0	21.18	21.13	21.12	22.5
3	64QAM	1	8	21.06	21.00	21.02	
3	64QAM	1	14	21.15	21.17	21.10	
3	64QAM	8	0	19.97	19.96	19.93	21.5
3	64QAM	8	4	19.90	19.89	19.87	
3	64QAM	8	7	19.96	19.95	19.93	
3	64QAM	15	0	19.88	19.85	19.84	
3	256QAM	1	0	18.43	18.38	18.29	19.5
3	256QAM	1	8	18.17	18.13	18.13	
3	256QAM	1	14	18.28	18.31	18.19	
3	256QAM	8	0	18.34	18.25	18.19	19.5
3	256QAM	8	4	18.25	18.17	18.13	
3	256QAM	8	7	18.24	18.18	18.10	
3	256QAM	15	0	18.31	18.21	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.00	22.92	22.87	24.5
1.4	QPSK	1	3	22.94	22.86	22.82	
1.4	QPSK	1	5	22.95	22.92	22.89	
1.4	QPSK	3	0	22.93	22.92	22.93	
1.4	QPSK	3	1	22.83	22.82	22.82	
1.4	QPSK	3	3	22.95	22.93	22.93	
1.4	QPSK	6	0	21.92	21.91	21.93	23.5
1.4	16QAM	1	0	22.31	22.29	22.23	23.5
1.4	16QAM	1	3	22.21	22.21	22.18	
1.4	16QAM	1	5	22.31	22.28	22.25	
1.4	16QAM	3	0	21.91	21.89	21.88	
1.4	16QAM	3	1	21.97	21.97	21.92	
1.4	16QAM	3	3	21.94	21.92	21.89	
1.4	16QAM	6	0	21.00	20.97	20.99	22.5
1.4	64QAM	1	0	21.20	21.13	21.10	22.5
1.4	64QAM	1	3	21.04	20.99	20.97	
1.4	64QAM	1	5	21.15	21.15	21.10	
1.4	64QAM	3	0	21.03	20.98	20.96	
1.4	64QAM	3	1	21.06	21.02	20.98	
1.4	64QAM	3	3	21.05	21.02	21.02	
1.4	64QAM	6	0	19.89	19.88	19.88	21.5
1.4	256QAM	1	0	18.40	18.33	18.23	19.5
1.4	256QAM	1	3	18.28	18.21	18.11	
1.4	256QAM	1	5	18.39	18.32	18.22	
1.4	256QAM	3	0	18.31	18.24	18.14	
1.4	256QAM	3	1	18.26	18.19	18.09	
1.4	256QAM	3	3	18.31	18.24	18.14	
1.4	256QAM	6	0	18.28	18.21	18.11	19.5

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.73	18.78	18.75	19.7
20	QPSK	1	49	18.54	18.65	18.59	
20	QPSK	1	99	18.61	18.64	18.69	
20	QPSK	50	0	18.69	18.75	18.72	19.7
20	QPSK	50	24	18.64	18.68	18.69	
20	QPSK	50	50	18.62	18.67	18.66	
20	QPSK	100	0	18.66	18.75	18.72	
20	16QAM	1	0	18.83	19.01	19.07	19.7
20	16QAM	1	49	18.65	19.08	19.05	
20	16QAM	1	99	18.75	18.91	19.04	
20	16QAM	50	0	18.68	18.73	18.80	19.7
20	16QAM	50	24	18.63	18.69	18.77	
20	16QAM	50	50	18.62	18.65	18.77	
20	16QAM	100	0	18.67	18.69	18.80	
20	64QAM	1	0	18.77	18.90	18.93	19.7
20	64QAM	1	49	18.52	18.89	18.99	
20	64QAM	1	99	18.64	18.77	18.93	
20	64QAM	50	0	18.70	18.74	18.85	19.7
20	64QAM	50	24	18.66	18.72	18.82	
20	64QAM	50	50	18.64	18.69	18.79	
20	64QAM	100	0	18.66	18.71	18.79	
20	256QAM	1	0	18.55	18.48	18.57	19.7
20	256QAM	1	49	18.18	18.25	18.17	
20	256QAM	1	99	18.29	18.35	18.32	
20	256QAM	50	0	18.34	18.42	18.30	19.7
20	256QAM	50	24	18.42	18.34	18.31	
20	256QAM	50	50	18.25	18.30	18.29	
20	256QAM	100	0	18.37	18.39	18.31	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.65	18.77	18.70	19.7
15	QPSK	1	37	18.52	18.64	18.53	
15	QPSK	1	74	18.58	18.63	18.67	
15	QPSK	36	0	18.65	18.72	18.70	19.7
15	QPSK	36	20	18.62	18.60	18.66	
15	QPSK	36	39	18.56	18.59	18.61	
15	QPSK	75	0	18.64	18.67	18.64	
15	16QAM	1	0	18.79	18.94	19.04	19.7
15	16QAM	1	37	18.59	19.02	19.01	
15	16QAM	1	74	18.71	18.89	18.97	
15	16QAM	36	0	18.62	18.67	18.74	19.7
15	16QAM	36	20	18.59	18.66	18.70	
15	16QAM	36	39	18.55	18.62	18.67	
15	16QAM	75	0	18.64	18.63	18.73	
15	64QAM	1	0	18.67	18.81	18.84	19.7
15	64QAM	1	37	18.50	18.86	18.98	
15	64QAM	1	74	18.55	18.68	18.86	
15	64QAM	36	0	18.62	18.68	18.75	19.7
15	64QAM	36	20	18.60	18.63	18.77	
15	64QAM	36	39	18.63	18.63	18.69	
15	64QAM	75	0	18.56	18.64	18.78	
15	256QAM	1	0	18.54	18.45	18.54	19.7
15	256QAM	1	37	18.16	18.20	18.13	
15	256QAM	1	74	18.20	18.33	18.25	
15	256QAM	36	0	18.26	18.35	18.26	19.7
15	256QAM	36	20	18.33	18.31	18.29	

15	256QAM	36	39	18.22	18.21	18.19	
15	256QAM	75	0	18.33	18.37	18.21	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	18.67	18.71	18.72	19.7
10	QPSK	1	25	18.50	18.62	18.55	
10	QPSK	1	49	18.52	18.58	18.60	
10	QPSK	25	0	18.62	18.67	18.67	19.7
10	QPSK	25	12	18.63	18.63	18.60	
10	QPSK	25	25	18.60	18.61	18.59	
10	QPSK	50	0	18.58	18.66	18.62	
10	16QAM	1	0	18.76	18.96	18.97	19.7
10	16QAM	1	25	18.63	19.01	18.98	
10	16QAM	1	49	18.67	18.88	19.00	
10	16QAM	25	0	18.64	18.65	18.72	19.7
10	16QAM	25	12	18.60	18.66	18.73	
10	16QAM	25	25	18.60	18.64	18.71	
10	16QAM	50	0	18.58	18.67	18.76	
10	64QAM	1	0	18.69	18.89	18.88	19.7
10	64QAM	1	25	18.51	18.87	18.96	
10	64QAM	1	49	18.61	18.76	18.89	
10	64QAM	25	0	18.60	18.65	18.81	19.7
10	64QAM	25	12	18.59	18.65	18.72	
10	64QAM	25	25	18.56	18.59	18.78	
10	64QAM	50	0	18.56	18.68	18.74	
10	256QAM	1	0	18.53	18.45	18.56	19.7
10	256QAM	1	25	18.09	18.16	18.12	
10	256QAM	1	49	18.19	18.29	18.29	
10	256QAM	25	0	18.24	18.39	18.23	19.7
10	256QAM	25	12	18.35	18.31	18.27	
10	256QAM	25	25	18.21	18.24	18.24	
10	256QAM	50	0	18.32	18.34	18.29	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.68	18.72	18.66	19.7
5	QPSK	1	12	18.50	18.59	18.52	
5	QPSK	1	24	18.57	18.57	18.59	
5	QPSK	12	0	18.68	18.66	18.67	19.7
5	QPSK	12	7	18.60	18.62	18.63	
5	QPSK	12	13	18.55	18.61	18.61	
5	QPSK	25	0	18.58	18.70	18.63	
5	16QAM	1	0	18.79	18.92	19.05	19.7
5	16QAM	1	12	18.64	19.03	19.01	
5	16QAM	1	24	18.72	18.82	18.95	
5	16QAM	12	0	18.59	18.63	18.71	19.7
5	16QAM	12	7	18.60	18.65	18.69	
5	16QAM	12	13	18.57	18.57	18.72	
5	16QAM	25	0	18.65	18.63	18.76	
5	64QAM	1	0	18.69	18.84	18.88	19.7
5	64QAM	1	12	18.59	18.86	18.93	
5	64QAM	1	24	18.61	18.72	18.91	
5	64QAM	12	0	18.69	18.67	18.79	19.7
5	64QAM	12	7	18.58	18.68	18.81	
5	64QAM	12	13	18.61	18.68	18.73	
5	64QAM	25	0	18.57	18.69	18.78	
5	256QAM	1	0	18.54	18.45	18.48	19.7
5	256QAM	1	12	18.12	18.22	18.14	
5	256QAM	1	24	18.21	18.33	18.31	
5	256QAM	12	0	18.24	18.36	18.24	19.7
5	256QAM	12	7	18.37	18.30	18.25	
5	256QAM	12	13	18.16	18.20	18.22	
5	256QAM	25	0	18.28	18.35	18.22	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	18.63	18.72	18.65	19.7
3	QPSK	1	8	18.65	18.61	18.54	
3	QPSK	1	14	18.59	18.58	18.60	
3	QPSK	8	0	18.63	18.70	18.67	19.7
3	QPSK	8	4	18.57	18.60	18.65	
3	QPSK	8	7	18.58	18.59	18.60	
3	QPSK	15	0	18.63	18.66	18.66	
3	16QAM	1	0	18.82	18.91	19.02	19.7
3	16QAM	1	8	18.56	18.98	19.04	
3	16QAM	1	14	18.73	18.84	19.02	
3	16QAM	8	0	18.67	18.63	18.73	19.7
3	16QAM	8	4	18.60	18.63	18.72	
3	16QAM	8	7	18.59	18.56	18.74	
3	16QAM	15	0	18.65	18.64	18.73	
3	64QAM	1	0	18.69	18.83	18.92	19.7
3	64QAM	1	8	18.59	18.79	18.97	
3	64QAM	1	14	18.54	18.69	18.90	
3	64QAM	8	0	18.66	18.73	18.84	19.7
3	64QAM	8	4	18.60	18.65	18.74	
3	64QAM	8	7	18.60	18.61	18.78	
3	64QAM	15	0	18.61	18.62	18.73	
3	256QAM	1	0	18.48	18.43	18.56	19.7
3	256QAM	1	8	18.16	18.17	18.09	
3	256QAM	1	14	18.25	18.29	18.26	
3	256QAM	8	0	18.24	18.33	18.22	19.7
3	256QAM	8	4	18.35	18.27	18.24	
3	256QAM	8	7	18.17	18.22	18.24	
3	256QAM	15	0	18.34	18.38	18.27	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	18.67	18.65	18.52	19.7
1.4	QPSK	1	3	18.63	18.58	18.50	
1.4	QPSK	1	5	18.67	18.62	18.53	
1.4	QPSK	3	0	18.55	18.61	18.56	
1.4	QPSK	3	1	18.54	18.59	18.54	
1.4	QPSK	3	3	18.58	18.54	18.53	
1.4	QPSK	6	0	18.61	18.54	18.55	19.7
1.4	16QAM	1	0	18.92	18.89	18.84	19.7
1.4	16QAM	1	3	18.81	18.80	18.78	
1.4	16QAM	1	5	18.93	18.91	18.86	
1.4	16QAM	3	0	18.54	18.51	18.53	
1.4	16QAM	3	1	18.62	18.59	18.55	
1.4	16QAM	3	3	18.54	18.55	18.53	
1.4	16QAM	6	0	18.67	18.63	18.62	19.7
1.4	64QAM	1	0	18.83	18.80	18.76	19.7
1.4	64QAM	1	3	18.62	18.62	18.58	
1.4	64QAM	1	5	18.82	18.76	18.77	
1.4	64QAM	3	0	18.64	18.63	18.60	
1.4	64QAM	3	1	18.67	18.66	18.64	
1.4	64QAM	3	3	18.69	18.72	18.68	
1.4	64QAM	6	0	18.58	18.56	18.52	19.7
1.4	256QAM	1	0	18.52	18.38	18.38	19.7
1.4	256QAM	1	3	18.22	18.32	18.28	
1.4	256QAM	1	5	18.36	18.43	18.41	
1.4	256QAM	3	0	18.38	18.47	18.37	
1.4	256QAM	3	1	18.34	18.35	18.31	
1.4	256QAM	3	3	18.39	18.37	18.36	
1.4	256QAM	6	0	18.33	18.36	18.36	19.7

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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				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	23.10	23.11	23.04	23.9
20	QPSK	1	49	22.84	23.00	23.01	
20	QPSK	1	99	22.91	22.95	22.84	
20	QPSK	50	0	22.12	22.13	22.05	23.5
20	QPSK	50	24	22.07	22.03	22.01	
20	QPSK	50	50	21.99	22.00	21.94	
20	QPSK	100	0	22.06	22.07	22.02	
20	16QAM	1	0	22.47	22.39	22.31	23.5
20	16QAM	1	49	22.32	22.35	22.31	
20	16QAM	1	99	22.26	22.24	22.15	
20	16QAM	50	0	21.08	21.05	21.03	22.5
20	16QAM	50	24	21.04	20.99	20.98	
20	16QAM	50	50	20.96	20.98	20.91	
20	16QAM	100	0	21.02	21.01	20.97	
20	64QAM	1	0	21.31	21.23	21.21	22.5
20	64QAM	1	49	21.22	21.23	21.23	
20	64QAM	1	99	21.10	21.11	21.02	
20	64QAM	50	0	20.10	20.06	20.01	21.5
20	64QAM	50	24	20.04	20.03	19.98	
20	64QAM	50	50	19.98	19.98	19.92	
20	64QAM	100	0	20.03	20.01	19.96	
20	256QAM	1	0	18.49	18.47	18.38	19.5
20	256QAM	1	49	18.24	18.22	18.13	
20	256QAM	1	99	18.37	18.35	18.26	
20	256QAM	50	0	18.36	18.34	18.25	19.5
20	256QAM	50	24	18.29	18.27	18.18	
20	256QAM	50	50	18.28	18.26	18.17	
20	256QAM	100	0	18.33	18.31	18.22	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.06	23.02	22.98	23.9
15	QPSK	1	37	22.83	22.84	22.81	
15	QPSK	1	74	22.87	22.94	22.85	
15	QPSK	36	0	22.05	22.02	22.00	23.5
15	QPSK	36	20	21.96	21.98	21.95	
15	QPSK	36	39	21.89	21.94	21.90	
15	QPSK	75	0	21.94	21.94	21.93	
15	16QAM	1	0	22.33	22.31	22.31	23.5
15	16QAM	1	37	22.24	22.31	22.22	
15	16QAM	1	74	22.13	22.16	22.11	
15	16QAM	36	0	20.96	20.96	20.97	22.5
15	16QAM	36	20	20.91	20.92	20.90	
15	16QAM	36	39	20.85	20.93	20.87	
15	16QAM	75	0	20.87	20.92	20.91	
15	64QAM	1	0	21.21	21.18	21.18	22.5
15	64QAM	1	37	21.21	21.25	21.25	
15	64QAM	1	74	21.01	21.05	20.97	
15	64QAM	36	0	19.99	19.98	19.96	21.5
15	64QAM	36	20	19.91	19.95	19.91	
15	64QAM	36	39	19.88	19.93	19.87	
15	64QAM	75	0	19.88	19.90	19.88	
15	256QAM	1	0	18.44	18.47	18.29	19.5
15	256QAM	1	37	18.15	18.12	18.07	
15	256QAM	1	74	18.32	18.25	18.21	
15	256QAM	36	0	18.35	18.29	18.16	19.5
15	256QAM	36	20	18.29	18.27	18.15	

15	256QAM	36	39	18.19	18.26	18.07	
15	256QAM	75	0	18.23	18.27	18.17	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.95	22.94	22.97	23.9
10	QPSK	1	25	22.89	22.93	22.85	
10	QPSK	1	49	22.85	22.95	22.84	
10	QPSK	25	0	21.97	21.98	21.97	23.5
10	QPSK	25	12	21.92	21.95	21.92	
10	QPSK	25	25	21.90	21.95	21.93	
10	QPSK	50	0	21.95	21.98	21.93	
10	16QAM	1	0	22.26	22.24	22.21	23.5
10	16QAM	1	25	22.20	22.25	22.15	
10	16QAM	1	49	22.12	22.17	22.08	
10	16QAM	25	0	20.95	20.97	20.93	22.5
10	16QAM	25	12	20.90	20.94	20.91	
10	16QAM	25	25	20.86	20.93	20.89	
10	16QAM	50	0	20.92	20.93	20.90	
10	64QAM	1	0	21.14	21.11	21.10	22.5
10	64QAM	1	25	20.98	21.00	20.98	
10	64QAM	1	49	20.98	21.03	20.94	
10	64QAM	25	0	19.90	19.93	19.93	21.5
10	64QAM	25	12	19.88	19.92	19.88	
10	64QAM	25	25	19.84	19.91	19.84	
10	64QAM	50	0	19.91	19.93	19.91	
10	256QAM	1	0	18.45	18.37	18.32	19.5
10	256QAM	1	25	18.19	18.16	18.06	
10	256QAM	1	49	18.36	18.33	18.25	
10	256QAM	25	0	18.34	18.32	18.18	19.5
10	256QAM	25	12	18.29	18.23	18.12	
10	256QAM	25	25	18.27	18.25	18.11	
10	256QAM	50	0	18.23	18.24	18.15	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.02	22.98	22.85	23.9
5	QPSK	1	12	22.92	22.90	22.84	
5	QPSK	1	24	22.91	22.95	22.85	
5	QPSK	12	0	21.98	21.97	21.93	23.5
5	QPSK	12	7	21.93	21.92	21.90	
5	QPSK	12	13	21.93	21.91	21.91	
5	QPSK	25	0	21.93	21.92	21.93	
5	16QAM	1	0	22.33	22.28	22.27	23.5
5	16QAM	1	12	22.32	22.31	22.24	
5	16QAM	1	24	22.23	22.24	22.19	
5	16QAM	12	0	20.96	20.93	20.93	22.5
5	16QAM	12	7	20.96	20.96	20.93	
5	16QAM	12	13	20.91	20.93	20.89	
5	16QAM	25	0	20.90	20.91	20.86	
5	64QAM	1	0	21.18	21.16	21.14	22.5
5	64QAM	1	12	21.24	21.24	21.23	
5	64QAM	1	24	21.06	21.09	21.05	
5	64QAM	12	0	19.98	19.98	19.96	21.5
5	64QAM	12	7	19.99	19.97	19.96	
5	64QAM	12	13	19.95	19.95	19.94	
5	64QAM	25	0	19.92	19.89	19.89	
5	256QAM	1	0	18.48	18.45	18.33	19.5
5	256QAM	1	12	18.22	18.15	18.04	
5	256QAM	1	24	18.31	18.28	18.19	
5	256QAM	12	0	18.32	18.32	18.20	19.5
5	256QAM	12	7	18.25	18.18	18.09	
5	256QAM	12	13	18.23	18.22	18.11	
5	256QAM	25	0	18.27	18.21	18.14	
Channel				26055	26340	26675	Tune-up limit

Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.91	22.99	22.96	23.9
3	QPSK	1	8	22.83	22.80	22.87	
3	QPSK	1	14	22.87	22.86	22.87	
3	QPSK	8	0	21.97	21.93	21.88	23.5
3	QPSK	8	4	21.87	21.84	21.82	
3	QPSK	8	7	21.92	21.89	21.91	
3	QPSK	15	0	21.93	21.92	21.95	
3	16QAM	1	0	22.34	22.24	22.22	23.5
3	16QAM	1	8	22.22	22.16	22.13	
3	16QAM	1	14	22.27	22.26	22.20	
3	16QAM	8	0	21.01	20.96	20.98	22.5
3	16QAM	8	4	20.95	20.94	20.91	
3	16QAM	8	7	20.93	20.93	20.87	
3	16QAM	15	0	20.99	20.92	20.96	
3	64QAM	1	0	21.18	21.13	21.12	22.5
3	64QAM	1	8	21.06	21.00	21.02	
3	64QAM	1	14	21.15	21.17	21.10	
3	64QAM	8	0	19.97	19.96	19.93	21.5
3	64QAM	8	4	19.90	19.89	19.87	
3	64QAM	8	7	19.96	19.95	19.93	
3	64QAM	15	0	19.88	19.85	19.84	
3	256QAM	1	0	18.43	18.38	18.29	19.5
3	256QAM	1	8	18.17	18.13	18.13	
3	256QAM	1	14	18.28	18.31	18.19	
3	256QAM	8	0	18.34	18.25	18.19	19.5
3	256QAM	8	4	18.25	18.17	18.13	
3	256QAM	8	7	18.24	18.18	18.10	
3	256QAM	15	0	18.31	18.21	18.22	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.00	22.92	22.87	23.9
1.4	QPSK	1	3	22.94	22.86	22.82	
1.4	QPSK	1	5	22.95	22.92	22.89	
1.4	QPSK	3	0	22.93	22.92	22.93	
1.4	QPSK	3	1	22.83	22.82	22.82	
1.4	QPSK	3	3	22.95	22.93	22.93	
1.4	QPSK	6	0	21.92	21.91	21.93	23.5
1.4	16QAM	1	0	22.31	22.29	22.23	23.5
1.4	16QAM	1	3	22.21	22.21	22.18	
1.4	16QAM	1	5	22.31	22.28	22.25	
1.4	16QAM	3	0	21.91	21.89	21.88	
1.4	16QAM	3	1	21.97	21.97	21.92	
1.4	16QAM	3	3	21.94	21.92	21.89	
1.4	16QAM	6	0	21.00	20.97	20.99	22.5
1.4	64QAM	1	0	21.20	21.13	21.10	22.5
1.4	64QAM	1	3	21.04	20.99	20.97	
1.4	64QAM	1	5	21.15	21.15	21.10	
1.4	64QAM	3	0	21.03	20.98	20.96	
1.4	64QAM	3	1	21.06	21.02	20.98	
1.4	64QAM	3	3	21.05	21.02	21.02	
1.4	64QAM	6	0	19.89	19.88	19.88	21.5
1.4	256QAM	1	0	18.40	18.33	18.23	19.5
1.4	256QAM	1	3	18.28	18.21	18.11	
1.4	256QAM	1	5	18.39	18.32	18.22	
1.4	256QAM	3	0	18.31	18.24	18.14	
1.4	256QAM	3	1	18.26	18.19	18.09	
1.4	256QAM	3	3	18.31	18.24	18.14	
1.4	256QAM	6	0	18.28	18.21	18.11	19.5

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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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.82	23.70	23.72	24.7
15	QPSK	1	37	23.62	23.47	23.51	
15	QPSK	1	74	23.67	23.54	23.47	
15	QPSK	36	0	22.81	22.67	22.67	23.7
15	QPSK	36	20	22.77	22.65	22.65	
15	QPSK	36	39	22.74	22.61	22.60	
15	QPSK	75	0	22.81	22.68	22.67	
15	16QAM	1	0	22.99	23.01	22.94	23.7
15	16QAM	1	37	23.07	22.94	22.98	
15	16QAM	1	74	22.94	22.85	22.65	
15	16QAM	36	0	21.78	21.69	21.66	22.7
15	16QAM	36	20	21.75	21.61	21.62	
15	16QAM	36	39	21.73	21.59	21.56	
15	16QAM	75	0	21.78	21.64	21.65	
15	64QAM	1	0	21.96	21.92	21.89	22.7
15	64QAM	1	37	22.10	21.94	21.99	
15	64QAM	1	74	21.90	21.76	21.65	
15	64QAM	36	0	20.81	20.71	20.72	21.7
15	64QAM	36	20	20.81	20.68	20.69	
15	64QAM	36	39	20.79	20.67	20.64	
15	64QAM	75	0	20.80	20.66	20.65	
15	256QAM	1	0	18.89	18.85	18.84	19.7
15	256QAM	1	37	18.63	18.66	18.59	
15	256QAM	1	74	18.60	18.67	18.64	
15	256QAM	36	0	18.58	18.64	18.57	19.7
15	256QAM	36	20	18.54	18.60	18.58	
15	256QAM	36	39	18.55	18.58	18.51	
15	256QAM	75	0	18.69	18.71	18.69	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.53	23.52	23.47	24.7
10	QPSK	1	25	23.48	23.47	23.42	
10	QPSK	1	49	23.48	23.44	23.33	
10	QPSK	25	0	22.54	22.52	22.50	23.7
10	QPSK	25	12	22.57	22.50	22.44	
10	QPSK	25	25	22.49	22.47	22.41	
10	QPSK	50	0	22.54	22.51	22.47	
10	16QAM	1	0	22.70	22.75	22.74	23.7
10	16QAM	1	25	22.70	22.68	22.68	
10	16QAM	1	49	22.72	22.70	22.50	
10	16QAM	25	0	21.52	21.53	21.49	22.7
10	16QAM	25	12	21.53	21.52	21.46	
10	16QAM	25	25	21.53	21.48	21.41	
10	16QAM	50	0	21.54	21.52	21.44	
10	64QAM	1	0	21.64	21.69	21.62	22.7
10	64QAM	1	25	21.61	21.56	21.54	
10	64QAM	1	49	21.65	21.61	21.44	
10	64QAM	25	0	20.56	20.52	20.47	21.7
10	64QAM	25	12	20.52	20.49	20.43	
10	64QAM	25	25	20.50	20.47	20.39	
10	64QAM	50	0	20.55	20.51	20.49	
10	256QAM	1	0	18.82	18.82	18.77	19.7
10	256QAM	1	25	18.58	18.62	18.53	
10	256QAM	1	49	18.52	18.63	18.61	
10	256QAM	25	0	18.55	18.58	18.52	19.7
10	256QAM	25	12	18.49	18.54	18.51	

10	256QAM	25	25	18.50	18.55	18.48	
10	256QAM	50	0	18.64	18.64	18.62	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.62	23.57	23.35	24.7
5	QPSK	1	12	23.51	23.36	23.39	
5	QPSK	1	24	23.44	23.39	23.37	
5	QPSK	12	0	22.52	22.49	22.42	23.7
5	QPSK	12	7	22.50	22.46	22.38	
5	QPSK	12	13	22.50	22.47	22.35	
5	QPSK	25	0	22.49	22.46	22.37	
5	16QAM	1	0	22.76	22.78	22.73	23.7
5	16QAM	1	12	22.77	22.76	22.70	
5	16QAM	1	24	22.74	22.71	22.53	
5	16QAM	12	0	21.48	21.49	21.42	22.7
5	16QAM	12	7	21.52	21.52	21.41	
5	16QAM	12	13	21.50	21.49	21.33	
5	16QAM	25	0	21.47	21.47	21.35	
5	64QAM	1	0	21.75	21.71	21.64	22.7
5	64QAM	1	12	21.84	21.80	21.69	
5	64QAM	1	24	21.69	21.65	21.45	
5	64QAM	12	0	20.56	20.55	20.43	21.7
5	64QAM	12	7	20.56	20.54	20.42	
5	64QAM	12	13	20.54	20.52	20.41	
5	64QAM	25	0	20.49	20.46	20.39	
5	256QAM	1	0	18.84	18.79	18.81	19.7
5	256QAM	1	12	18.56	18.60	18.53	
5	256QAM	1	24	18.56	18.63	18.59	
5	256QAM	12	0	18.50	18.56	18.53	19.7
5	256QAM	12	7	18.46	18.53	18.51	
5	256QAM	12	13	18.47	18.51	18.47	
5	256QAM	25	0	18.66	18.67	18.64	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.63	23.48	23.49	24.7
3	QPSK	1	8	23.41	23.38	23.36	
3	QPSK	1	14	23.47	23.43	23.41	
3	QPSK	8	0	22.59	22.56	22.39	23.7
3	QPSK	8	4	22.50	22.46	22.32	
3	QPSK	8	7	22.54	22.53	22.38	
3	QPSK	15	0	22.60	22.57	22.47	
3	16QAM	1	0	22.82	22.84	22.70	23.7
3	16QAM	1	8	22.75	22.73	22.54	
3	16QAM	1	14	22.84	22.83	22.57	
3	16QAM	8	0	21.60	21.59	21.45	22.7
3	16QAM	8	4	21.56	21.54	21.39	
3	16QAM	8	7	21.55	21.52	21.37	
3	16QAM	15	0	21.58	21.56	21.45	
3	64QAM	1	0	21.73	21.76	21.63	22.7
3	64QAM	1	8	21.64	21.65	21.49	
3	64QAM	1	14	21.74	21.75	21.53	
3	64QAM	8	0	20.60	20.57	20.45	21.7
3	64QAM	8	4	20.57	20.53	20.38	
3	64QAM	8	7	20.64	20.60	20.41	
3	64QAM	15	0	20.52	20.54	20.35	
3	256QAM	1	0	18.82	18.77	18.76	19.7
3	256QAM	1	8	18.56	18.59	18.56	
3	256QAM	1	14	18.56	18.62	18.57	
3	256QAM	8	0	18.51	18.59	18.50	19.7
3	256QAM	8	4	18.49	18.57	18.53	
3	256QAM	8	7	18.48	18.53	18.48	
3	256QAM	15	0	18.62	18.66	18.65	
Channel				26697	26865	27033	Tune-up limit

Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.48	23.45	23.41	24.7
1.4	QPSK	1	3	23.44	23.36	23.37	
1.4	QPSK	1	5	23.50	23.41	23.38	
1.4	QPSK	3	0	23.52	23.44	23.34	
1.4	QPSK	3	1	23.38	23.32	23.31	
1.4	QPSK	3	3	23.51	23.44	23.32	
1.4	QPSK	6	0	22.50	22.45	22.36	23.7
1.4	16QAM	1	0	22.76	22.73	22.60	23.7
1.4	16QAM	1	3	22.69	22.67	22.48	
1.4	16QAM	1	5	22.76	22.73	22.57	
1.4	16QAM	3	0	22.47	22.44	22.39	
1.4	16QAM	3	1	22.54	22.48	22.32	
1.4	16QAM	3	3	22.50	22.45	22.38	
1.4	16QAM	6	0	21.60	21.55	21.40	22.7
1.4	64QAM	1	0	21.73	21.71	21.53	22.7
1.4	64QAM	1	3	21.55	21.53	21.34	
1.4	64QAM	1	5	21.70	21.65	21.49	
1.4	64QAM	3	0	21.59	21.54	21.38	
1.4	64QAM	3	1	21.62	21.58	21.41	
1.4	64QAM	3	3	21.65	21.58	21.42	
1.4	64QAM	6	0	20.50	20.45	20.31	21.7
1.4	256QAM	1	0	18.77	18.75	18.70	19.7
1.4	256QAM	1	3	18.59	18.65	18.59	
1.4	256QAM	1	5	18.66	18.72	18.65	
1.4	256QAM	3	0	18.64	18.71	18.68	
1.4	256QAM	3	1	18.56	18.62	18.58	
1.4	256QAM	3	3	18.58	18.63	18.56	
1.4	256QAM	6	0	18.59	18.61	18.57	19.7

<LTE Band 26_Ant 1_Index 2>

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	22.51	22.43	22.46	23.6
15	QPSK	1	37	22.32	22.22	22.28	
15	QPSK	1	74	22.42	22.31	22.26	
15	QPSK	36	0	22.32	22.23	22.26	23.2
15	QPSK	36	20	22.30	22.17	22.23	
15	QPSK	36	39	22.28	22.15	22.19	
15	QPSK	75	0	22.34	22.21	22.24	
15	16QAM	1	0	22.48	22.48	22.46	23.2
15	16QAM	1	37	22.49	22.49	22.49	
15	16QAM	1	74	22.49	22.40	22.25	
15	16QAM	36	0	21.50	21.42	21.44	22.2
15	16QAM	36	20	21.48	21.36	21.40	
15	16QAM	36	39	21.45	21.33	21.34	
15	16QAM	75	0	21.50	21.39	21.40	
15	64QAM	1	0	21.70	21.65	21.63	22.2
15	64QAM	1	37	21.84	21.68	21.72	
15	64QAM	1	74	21.61	21.51	21.40	
15	64QAM	36	0	20.56	20.46	20.47	21.2
15	64QAM	36	20	20.52	20.42	20.46	
15	64QAM	36	39	20.52	20.39	20.42	
15	64QAM	75	0	20.51	20.41	20.43	
15	256QAM	1	0	18.37	18.32	18.30	19.2
15	256QAM	1	37	18.09	18.11	18.07	
15	256QAM	1	74	18.09	18.12	18.12	
15	256QAM	36	0	18.03	18.13	18.06	19.2

15	256QAM	36	20	18.00	18.05	18.07	
15	256QAM	36	39	18.04	18.05	18.00	
15	256QAM	75	0	18.16	18.20	18.18	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.48	22.39	22.39	23.6
10	QPSK	1	25	22.30	22.22	22.21	
10	QPSK	1	49	22.40	22.28	22.22	
10	QPSK	25	0	22.25	22.21	22.22	23.2
10	QPSK	25	12	22.25	22.13	22.20	
10	QPSK	25	25	22.23	22.08	22.14	
10	QPSK	50	0	22.26	22.15	22.17	
10	16QAM	1	0	22.45	22.44	22.39	23.2
10	16QAM	1	25	22.42	22.45	22.41	
10	16QAM	1	49	22.41	22.38	22.21	
10	16QAM	25	0	21.46	21.39	21.38	22.2
10	16QAM	25	12	21.42	21.31	21.38	
10	16QAM	25	25	21.39	21.25	21.31	
10	16QAM	50	0	21.47	21.36	21.33	
10	64QAM	1	0	21.66	21.59	21.56	22.2
10	64QAM	1	25	21.76	21.63	21.64	
10	64QAM	1	49	21.53	21.44	21.36	
10	64QAM	25	0	20.49	20.40	20.43	21.2
10	64QAM	25	12	20.47	20.38	20.42	
10	64QAM	25	25	20.49	20.36	20.35	
10	64QAM	50	0	20.46	20.39	20.36	
10	256QAM	1	0	18.33	18.29	18.26	19.2
10	256QAM	1	25	18.03	18.04	17.99	
10	256QAM	1	49	18.03	18.06	18.08	
10	256QAM	25	0	17.96	18.09	18.02	19.2
10	256QAM	25	12	17.95	17.97	17.99	
10	256QAM	25	25	17.99	18.00	17.97	
10	256QAM	50	0	18.08	18.16	18.13	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.45	22.36	22.40	23.6
5	QPSK	1	12	22.24	22.20	22.23	
5	QPSK	1	24	22.39	22.24	22.22	
5	QPSK	12	0	22.26	22.15	22.23	23.2
5	QPSK	12	7	22.27	22.09	22.16	
5	QPSK	12	13	22.25	22.08	22.14	
5	QPSK	25	0	22.27	22.18	22.18	
5	16QAM	1	0	22.42	22.44	22.44	23.2
5	16QAM	1	12	22.46	22.45	22.44	
5	16QAM	1	24	22.42	22.32	22.18	
5	16QAM	12	0	21.45	21.37	21.36	22.2
5	16QAM	12	7	21.45	21.30	21.38	
5	16QAM	12	13	21.38	21.28	21.31	
5	16QAM	25	0	21.44	21.36	21.34	
5	64QAM	1	0	21.66	21.58	21.57	22.2
5	64QAM	1	12	21.80	21.66	21.69	
5	64QAM	1	24	21.57	21.44	21.34	
5	64QAM	12	0	20.51	20.40	20.44	21.2
5	64QAM	12	7	20.48	20.38	20.38	
5	64QAM	12	13	20.45	20.37	20.36	
5	64QAM	25	0	20.47	20.36	20.35	
5	256QAM	1	0	18.29	18.28	18.24	19.2
5	256QAM	1	12	18.01	18.07	18.01	
5	256QAM	1	24	18.07	18.06	18.04	
5	256QAM	12	0	17.97	18.11	18.00	19.2
5	256QAM	12	7	17.96	18.00	18.03	
5	256QAM	12	13	18.02	17.99	17.98	
5	256QAM	25	0	18.14	18.13	18.16	

Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.49	22.37	22.42	23.6
3	QPSK	1	8	22.27	22.24	22.24	
3	QPSK	1	14	22.34	22.28	22.20	
3	QPSK	8	0	22.28	22.20	22.23	23.2
3	QPSK	8	4	22.28	22.10	22.16	
3	QPSK	8	7	22.26	22.09	22.12	
3	QPSK	15	0	22.31	22.18	22.22	
3	16QAM	1	0	22.46	22.42	22.41	23.2
3	16QAM	1	8	22.42	22.44	22.43	
3	16QAM	1	14	22.43	22.34	22.23	
3	16QAM	8	0	21.44	21.35	21.37	22.2
3	16QAM	8	4	21.42	21.28	21.32	
3	16QAM	8	7	21.37	21.28	21.29	
3	16QAM	15	0	21.44	21.33	21.33	
3	64QAM	1	0	21.63	21.60	21.57	22.2
3	64QAM	1	8	21.78	21.64	21.67	
3	64QAM	1	14	21.57	21.46	21.33	
3	64QAM	8	0	20.54	20.40	20.42	21.2
3	64QAM	8	4	20.50	20.39	20.41	
3	64QAM	8	7	20.50	20.34	20.39	
3	64QAM	15	0	20.48	20.36	20.39	
3	256QAM	1	0	18.35	18.30	18.23	19.2
3	256QAM	1	8	18.03	18.04	18.03	
3	256QAM	1	14	18.05	18.08	18.09	
3	256QAM	8	0	17.99	18.08	17.99	19.2
3	256QAM	8	4	17.94	18.03	18.02	
3	256QAM	8	7	18.02	17.97	17.98	
3	256QAM	15	0	18.10	18.18	18.16	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.47	22.31	22.32	23.6
1.4	QPSK	1	3	22.39	22.22	22.24	
1.4	QPSK	1	5	22.38	22.26	22.21	
1.4	QPSK	3	0	22.39	22.28	22.23	
1.4	QPSK	3	1	22.27	22.21	22.24	
1.4	QPSK	3	3	22.41	22.30	22.25	
1.4	QPSK	6	0	22.17	22.06	22.03	23.2
1.4	16QAM	1	0	22.44	22.37	22.30	23.2
1.4	16QAM	1	3	22.35	22.28	22.19	
1.4	16QAM	1	5	22.44	22.36	22.24	
1.4	16QAM	3	0	22.14	22.04	21.97	
1.4	16QAM	3	1	22.18	22.10	22.03	
1.4	16QAM	3	3	22.15	22.04	21.98	
1.4	16QAM	6	0	21.23	21.16	21.10	22.2
1.4	64QAM	1	0	21.40	21.35	21.30	22.2
1.4	64QAM	1	3	21.23	21.19	21.08	
1.4	64QAM	1	5	21.39	21.35	21.23	
1.4	64QAM	3	0	21.28	21.21	21.14	
1.4	64QAM	3	1	21.35	21.24	21.18	
1.4	64QAM	3	3	21.35	21.24	21.17	
1.4	64QAM	6	0	20.20	20.09	20.01	21.2
1.4	256QAM	1	0	18.25	18.23	18.17	19.2
1.4	256QAM	1	3	18.04	18.14	18.08	
1.4	256QAM	1	5	18.14	18.19	18.10	
1.4	256QAM	3	0	18.10	18.16	18.12	
1.4	256QAM	3	1	18.01	18.11	18.06	
1.4	256QAM	3	3	18.07	18.12	18.00	
1.4	256QAM	6	0	18.03	18.09	18.01	19.2

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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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.51	22.43	22.46	22.6
15	QPSK	1	37	22.32	22.22	22.28	
15	QPSK	1	74	22.42	22.31	22.26	
15	QPSK	36	0	22.32	22.23	22.26	22.6
15	QPSK	36	20	22.30	22.17	22.23	
15	QPSK	36	39	22.28	22.15	22.19	
15	QPSK	75	0	22.34	22.21	22.24	
15	16QAM	1	0	22.48	22.48	22.46	22.6
15	16QAM	1	37	22.49	22.49	22.49	
15	16QAM	1	74	22.49	22.40	22.25	
15	16QAM	36	0	21.50	21.42	21.44	22.2
15	16QAM	36	20	21.48	21.36	21.40	
15	16QAM	36	39	21.45	21.33	21.34	
15	16QAM	75	0	21.50	21.39	21.40	
15	64QAM	1	0	21.70	21.65	21.63	22.2
15	64QAM	1	37	21.84	21.68	21.72	
15	64QAM	1	74	21.61	21.51	21.40	
15	64QAM	36	0	20.56	20.46	20.47	21.2
15	64QAM	36	20	20.52	20.42	20.46	
15	64QAM	36	39	20.52	20.39	20.42	
15	64QAM	75	0	20.51	20.41	20.43	
15	256QAM	1	0	18.37	18.32	18.30	19.2
15	256QAM	1	37	18.09	18.11	18.07	
15	256QAM	1	74	18.09	18.12	18.12	
15	256QAM	36	0	18.03	18.13	18.06	19.2
15	256QAM	36	20	18.00	18.05	18.07	
15	256QAM	36	39	18.04	18.05	18.00	
15	256QAM	75	0	18.16	18.20	18.18	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.48	22.39	22.39	22.6
10	QPSK	1	25	22.30	22.22	22.21	
10	QPSK	1	49	22.40	22.28	22.22	
10	QPSK	25	0	22.25	22.21	22.22	22.6
10	QPSK	25	12	22.25	22.13	22.20	
10	QPSK	25	25	22.23	22.08	22.14	
10	QPSK	50	0	22.26	22.15	22.17	
10	16QAM	1	0	22.45	22.44	22.39	22.6
10	16QAM	1	25	22.42	22.45	22.41	
10	16QAM	1	49	22.41	22.38	22.21	
10	16QAM	25	0	21.46	21.39	21.38	22.2
10	16QAM	25	12	21.42	21.31	21.38	
10	16QAM	25	25	21.39	21.25	21.31	
10	16QAM	50	0	21.47	21.36	21.33	
10	64QAM	1	0	21.66	21.59	21.56	22.2
10	64QAM	1	25	21.76	21.63	21.64	
10	64QAM	1	49	21.53	21.44	21.36	
10	64QAM	25	0	20.49	20.40	20.43	21.2
10	64QAM	25	12	20.47	20.38	20.42	
10	64QAM	25	25	20.49	20.36	20.35	
10	64QAM	50	0	20.46	20.39	20.36	
10	256QAM	1	0	18.33	18.29	18.26	19.2
10	256QAM	1	25	18.03	18.04	17.99	
10	256QAM	1	49	18.03	18.06	18.08	
10	256QAM	25	0	17.96	18.09	18.02	19.2
10	256QAM	25	12	17.95	17.97	17.99	

10	256QAM	25	25	17.99	18.00	17.97	
10	256QAM	50	0	18.08	18.16	18.13	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.45	22.36	22.40	22.6
5	QPSK	1	12	22.24	22.20	22.23	
5	QPSK	1	24	22.39	22.24	22.22	
5	QPSK	12	0	22.26	22.15	22.23	22.6
5	QPSK	12	7	22.27	22.09	22.16	
5	QPSK	12	13	22.25	22.08	22.14	
5	QPSK	25	0	22.27	22.18	22.18	
5	16QAM	1	0	22.42	22.44	22.44	22.6
5	16QAM	1	12	22.46	22.45	22.44	
5	16QAM	1	24	22.42	22.32	22.18	
5	16QAM	12	0	21.45	21.37	21.36	22.2
5	16QAM	12	7	21.45	21.30	21.38	
5	16QAM	12	13	21.38	21.28	21.31	
5	16QAM	25	0	21.44	21.36	21.34	
5	64QAM	1	0	21.66	21.58	21.57	22.2
5	64QAM	1	12	21.80	21.66	21.69	
5	64QAM	1	24	21.57	21.44	21.34	
5	64QAM	12	0	20.51	20.40	20.44	21.2
5	64QAM	12	7	20.48	20.38	20.38	
5	64QAM	12	13	20.45	20.37	20.36	
5	64QAM	25	0	20.47	20.36	20.35	
5	256QAM	1	0	18.29	18.28	18.24	19.2
5	256QAM	1	12	18.01	18.07	18.01	
5	256QAM	1	24	18.07	18.06	18.04	
5	256QAM	12	0	17.97	18.11	18.00	19.2
5	256QAM	12	7	17.96	18.00	18.03	
5	256QAM	12	13	18.02	17.99	17.98	
5	256QAM	25	0	18.14	18.13	18.16	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.49	22.37	22.42	22.6
3	QPSK	1	8	22.27	22.24	22.24	
3	QPSK	1	14	22.34	22.28	22.20	
3	QPSK	8	0	22.28	22.20	22.23	22.6
3	QPSK	8	4	22.28	22.10	22.16	
3	QPSK	8	7	22.26	22.09	22.12	
3	QPSK	15	0	22.31	22.18	22.22	
3	16QAM	1	0	22.46	22.42	22.41	22.6
3	16QAM	1	8	22.42	22.44	22.43	
3	16QAM	1	14	22.43	22.34	22.23	
3	16QAM	8	0	21.44	21.35	21.37	22.2
3	16QAM	8	4	21.42	21.28	21.32	
3	16QAM	8	7	21.37	21.28	21.29	
3	16QAM	15	0	21.44	21.33	21.33	
3	64QAM	1	0	21.63	21.60	21.57	22.2
3	64QAM	1	8	21.78	21.64	21.67	
3	64QAM	1	14	21.57	21.46	21.33	
3	64QAM	8	0	20.54	20.40	20.42	21.2
3	64QAM	8	4	20.50	20.39	20.41	
3	64QAM	8	7	20.50	20.34	20.39	
3	64QAM	15	0	20.48	20.36	20.39	
3	256QAM	1	0	18.35	18.30	18.23	19.2
3	256QAM	1	8	18.03	18.04	18.03	
3	256QAM	1	14	18.05	18.08	18.09	
3	256QAM	8	0	17.99	18.08	17.99	19.2
3	256QAM	8	4	17.94	18.03	18.02	
3	256QAM	8	7	18.02	17.97	17.98	
3	256QAM	15	0	18.10	18.18	18.16	
Channel				26697	26865	27033	Tune-up limit

Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.47	22.31	22.32	22.6
1.4	QPSK	1	3	22.39	22.22	22.24	
1.4	QPSK	1	5	22.38	22.26	22.21	
1.4	QPSK	3	0	22.39	22.28	22.23	
1.4	QPSK	3	1	22.27	22.21	22.24	
1.4	QPSK	3	3	22.41	22.30	22.25	
1.4	QPSK	6	0	22.17	22.06	22.03	22.6
1.4	16QAM	1	0	22.44	22.37	22.30	22.6
1.4	16QAM	1	3	22.35	22.28	22.19	
1.4	16QAM	1	5	22.44	22.36	22.24	
1.4	16QAM	3	0	22.14	22.04	21.97	
1.4	16QAM	3	1	22.18	22.10	22.03	
1.4	16QAM	3	3	22.15	22.04	21.98	
1.4	16QAM	6	0	21.23	21.16	21.10	22.2
1.4	64QAM	1	0	21.40	21.35	21.30	22.2
1.4	64QAM	1	3	21.23	21.19	21.08	
1.4	64QAM	1	5	21.39	21.35	21.23	
1.4	64QAM	3	0	21.28	21.21	21.14	
1.4	64QAM	3	1	21.35	21.24	21.18	
1.4	64QAM	3	3	21.35	21.24	21.17	
1.4	64QAM	6	0	20.20	20.09	20.01	21.2
1.4	256QAM	1	0	18.25	18.23	18.17	19.2
1.4	256QAM	1	3	18.04	18.14	18.08	
1.4	256QAM	1	5	18.14	18.19	18.10	
1.4	256QAM	3	0	18.10	18.16	18.12	
1.4	256QAM	3	1	18.01	18.11	18.06	
1.4	256QAM	3	3	18.07	18.12	18.00	
1.4	256QAM	6	0	18.03	18.09	18.01	19.2

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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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.82	23.70	23.72	24.7
15	QPSK	1	37	23.62	23.47	23.51	
15	QPSK	1	74	23.67	23.54	23.47	
15	QPSK	36	0	22.81	22.67	22.67	23.7
15	QPSK	36	20	22.77	22.65	22.65	
15	QPSK	36	39	22.74	22.61	22.60	
15	QPSK	75	0	22.81	22.68	22.67	
15	16QAM	1	0	22.99	23.01	22.94	23.7
15	16QAM	1	37	23.07	22.94	22.98	
15	16QAM	1	74	22.94	22.85	22.65	
15	16QAM	36	0	21.78	21.69	21.66	22.7
15	16QAM	36	20	21.75	21.61	21.62	
15	16QAM	36	39	21.73	21.59	21.56	
15	16QAM	75	0	21.78	21.64	21.65	
15	64QAM	1	0	21.96	21.92	21.89	22.7
15	64QAM	1	37	22.10	21.94	21.99	
15	64QAM	1	74	21.90	21.76	21.65	
15	64QAM	36	0	20.81	20.71	20.72	21.7
15	64QAM	36	20	20.81	20.68	20.69	
15	64QAM	36	39	20.79	20.67	20.64	
15	64QAM	75	0	20.80	20.66	20.65	
15	256QAM	1	0	18.89	18.85	18.84	19.7
15	256QAM	1	37	18.63	18.66	18.59	
15	256QAM	1	74	18.60	18.67	18.64	
15	256QAM	36	0	18.58	18.64	18.57	19.7

15	256QAM	36	20	18.54	18.60	18.58	
15	256QAM	36	39	18.55	18.58	18.51	
15	256QAM	75	0	18.69	18.71	18.69	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.53	23.52	23.47	24.7
10	QPSK	1	25	23.48	23.47	23.42	
10	QPSK	1	49	23.48	23.44	23.33	
10	QPSK	25	0	22.54	22.52	22.50	23.7
10	QPSK	25	12	22.57	22.50	22.44	
10	QPSK	25	25	22.49	22.47	22.41	
10	QPSK	50	0	22.54	22.51	22.47	
10	16QAM	1	0	22.70	22.75	22.74	23.7
10	16QAM	1	25	22.70	22.68	22.68	
10	16QAM	1	49	22.72	22.70	22.50	
10	16QAM	25	0	21.52	21.53	21.49	22.7
10	16QAM	25	12	21.53	21.52	21.46	
10	16QAM	25	25	21.53	21.48	21.41	
10	16QAM	50	0	21.54	21.52	21.44	
10	64QAM	1	0	21.64	21.69	21.62	22.7
10	64QAM	1	25	21.61	21.56	21.54	
10	64QAM	1	49	21.65	21.61	21.44	
10	64QAM	25	0	20.56	20.52	20.47	21.7
10	64QAM	25	12	20.52	20.49	20.43	
10	64QAM	25	25	20.50	20.47	20.39	
10	64QAM	50	0	20.55	20.51	20.49	
10	256QAM	1	0	18.82	18.82	18.77	19.7
10	256QAM	1	25	18.58	18.62	18.53	
10	256QAM	1	49	18.52	18.63	18.61	
10	256QAM	25	0	18.55	18.58	18.52	19.7
10	256QAM	25	12	18.49	18.54	18.51	
10	256QAM	25	25	18.50	18.55	18.48	
10	256QAM	50	0	18.64	18.64	18.62	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.62	23.57	23.35	24.7
5	QPSK	1	12	23.51	23.36	23.39	
5	QPSK	1	24	23.44	23.39	23.37	
5	QPSK	12	0	22.52	22.49	22.42	23.7
5	QPSK	12	7	22.50	22.46	22.38	
5	QPSK	12	13	22.50	22.47	22.35	
5	QPSK	25	0	22.49	22.46	22.37	
5	16QAM	1	0	22.76	22.78	22.73	23.7
5	16QAM	1	12	22.77	22.76	22.70	
5	16QAM	1	24	22.74	22.71	22.53	
5	16QAM	12	0	21.48	21.49	21.42	22.7
5	16QAM	12	7	21.52	21.52	21.41	
5	16QAM	12	13	21.50	21.49	21.33	
5	16QAM	25	0	21.47	21.47	21.35	
5	64QAM	1	0	21.75	21.71	21.64	22.7
5	64QAM	1	12	21.84	21.80	21.69	
5	64QAM	1	24	21.69	21.65	21.45	
5	64QAM	12	0	20.56	20.55	20.43	21.7
5	64QAM	12	7	20.56	20.54	20.42	
5	64QAM	12	13	20.54	20.52	20.41	
5	64QAM	25	0	20.49	20.46	20.39	
5	256QAM	1	0	18.84	18.79	18.81	19.7
5	256QAM	1	12	18.56	18.60	18.53	
5	256QAM	1	24	18.56	18.63	18.59	
5	256QAM	12	0	18.50	18.56	18.53	19.7
5	256QAM	12	7	18.46	18.53	18.51	
5	256QAM	12	13	18.47	18.51	18.47	
5	256QAM	25	0	18.66	18.67	18.64	

Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.63	23.48	23.49	24.7
3	QPSK	1	8	23.41	23.38	23.36	
3	QPSK	1	14	23.47	23.43	23.41	
3	QPSK	8	0	22.59	22.56	22.39	23.7
3	QPSK	8	4	22.50	22.46	22.32	
3	QPSK	8	7	22.54	22.53	22.38	
3	QPSK	15	0	22.60	22.57	22.47	
3	16QAM	1	0	22.82	22.84	22.70	23.7
3	16QAM	1	8	22.75	22.73	22.54	
3	16QAM	1	14	22.84	22.83	22.57	
3	16QAM	8	0	21.60	21.59	21.45	22.7
3	16QAM	8	4	21.56	21.54	21.39	
3	16QAM	8	7	21.55	21.52	21.37	
3	16QAM	15	0	21.58	21.56	21.45	
3	64QAM	1	0	21.73	21.76	21.63	22.7
3	64QAM	1	8	21.64	21.65	21.49	
3	64QAM	1	14	21.74	21.75	21.53	
3	64QAM	8	0	20.60	20.57	20.45	21.7
3	64QAM	8	4	20.57	20.53	20.38	
3	64QAM	8	7	20.64	20.60	20.41	
3	64QAM	15	0	20.52	20.54	20.35	
3	256QAM	1	0	18.82	18.77	18.76	19.7
3	256QAM	1	8	18.56	18.59	18.56	
3	256QAM	1	14	18.56	18.62	18.57	
3	256QAM	8	0	18.51	18.59	18.50	19.7
3	256QAM	8	4	18.49	18.57	18.53	
3	256QAM	8	7	18.48	18.53	18.48	
3	256QAM	15	0	18.62	18.66	18.65	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.48	23.45	23.41	24.7
1.4	QPSK	1	3	23.44	23.36	23.37	
1.4	QPSK	1	5	23.50	23.41	23.38	
1.4	QPSK	3	0	23.52	23.44	23.34	
1.4	QPSK	3	1	23.38	23.32	23.31	
1.4	QPSK	3	3	23.51	23.44	23.32	
1.4	QPSK	6	0	22.50	22.45	22.36	23.7
1.4	16QAM	1	0	22.76	22.73	22.60	23.7
1.4	16QAM	1	3	22.69	22.67	22.48	
1.4	16QAM	1	5	22.76	22.73	22.57	
1.4	16QAM	3	0	22.47	22.44	22.39	
1.4	16QAM	3	1	22.54	22.48	22.32	
1.4	16QAM	3	3	22.50	22.45	22.38	
1.4	16QAM	6	0	21.60	21.55	21.40	22.7
1.4	64QAM	1	0	21.73	21.71	21.53	22.7
1.4	64QAM	1	3	21.55	21.53	21.34	
1.4	64QAM	1	5	21.70	21.65	21.49	
1.4	64QAM	3	0	21.59	21.54	21.38	
1.4	64QAM	3	1	21.62	21.58	21.41	
1.4	64QAM	3	3	21.65	21.58	21.42	
1.4	64QAM	6	0	20.50	20.45	20.31	21.7
1.4	256QAM	1	0	18.77	18.75	18.70	19.7
1.4	256QAM	1	3	18.59	18.65	18.59	
1.4	256QAM	1	5	18.66	18.72	18.65	
1.4	256QAM	3	0	18.64	18.71	18.68	
1.4	256QAM	3	1	18.56	18.62	18.58	
1.4	256QAM	3	3	18.58	18.63	18.56	
1.4	256QAM	6	0	18.59	18.61	18.57	19.7

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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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.82	23.70	23.72	24.7
15	QPSK	1	37	23.62	23.47	23.51	
15	QPSK	1	74	23.67	23.54	23.47	
15	QPSK	36	0	22.81	22.67	22.67	23.7
15	QPSK	36	20	22.77	22.65	22.65	
15	QPSK	36	39	22.74	22.61	22.60	
15	QPSK	75	0	22.81	22.68	22.67	
15	16QAM	1	0	22.99	23.01	22.94	23.7
15	16QAM	1	37	23.07	22.94	22.98	
15	16QAM	1	74	22.94	22.85	22.65	
15	16QAM	36	0	21.78	21.69	21.66	22.7
15	16QAM	36	20	21.75	21.61	21.62	
15	16QAM	36	39	21.73	21.59	21.56	
15	16QAM	75	0	21.78	21.64	21.65	
15	64QAM	1	0	21.96	21.92	21.89	22.7
15	64QAM	1	37	22.10	21.94	21.99	
15	64QAM	1	74	21.90	21.76	21.65	
15	64QAM	36	0	20.81	20.71	20.72	21.7
15	64QAM	36	20	20.81	20.68	20.69	
15	64QAM	36	39	20.79	20.67	20.64	
15	64QAM	75	0	20.80	20.66	20.65	
15	256QAM	1	0	18.89	18.85	18.84	19.7
15	256QAM	1	37	18.63	18.66	18.59	
15	256QAM	1	74	18.60	18.67	18.64	
15	256QAM	36	0	18.58	18.64	18.57	19.7
15	256QAM	36	20	18.54	18.60	18.58	
15	256QAM	36	39	18.55	18.58	18.51	
15	256QAM	75	0	18.69	18.71	18.69	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.53	23.52	23.47	24.7
10	QPSK	1	25	23.48	23.47	23.42	
10	QPSK	1	49	23.48	23.44	23.33	
10	QPSK	25	0	22.54	22.52	22.50	23.7
10	QPSK	25	12	22.57	22.50	22.44	
10	QPSK	25	25	22.49	22.47	22.41	
10	QPSK	50	0	22.54	22.51	22.47	
10	16QAM	1	0	22.70	22.75	22.74	23.7
10	16QAM	1	25	22.70	22.68	22.68	
10	16QAM	1	49	22.72	22.70	22.50	
10	16QAM	25	0	21.52	21.53	21.49	22.7
10	16QAM	25	12	21.53	21.52	21.46	
10	16QAM	25	25	21.53	21.48	21.41	
10	16QAM	50	0	21.54	21.52	21.44	
10	64QAM	1	0	21.64	21.69	21.62	22.7
10	64QAM	1	25	21.61	21.56	21.54	
10	64QAM	1	49	21.65	21.61	21.44	
10	64QAM	25	0	20.56	20.52	20.47	21.7
10	64QAM	25	12	20.52	20.49	20.43	
10	64QAM	25	25	20.50	20.47	20.39	
10	64QAM	50	0	20.55	20.51	20.49	
10	256QAM	1	0	18.82	18.82	18.77	19.7
10	256QAM	1	25	18.58	18.62	18.53	
10	256QAM	1	49	18.52	18.63	18.61	
10	256QAM	25	0	18.55	18.58	18.52	19.7
10	256QAM	25	12	18.49	18.54	18.51	

10	256QAM	25	25	18.50	18.55	18.48	
10	256QAM	50	0	18.64	18.64	18.62	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.62	23.57	23.35	24.7
5	QPSK	1	12	23.51	23.36	23.39	
5	QPSK	1	24	23.44	23.39	23.37	
5	QPSK	12	0	22.52	22.49	22.42	23.7
5	QPSK	12	7	22.50	22.46	22.38	
5	QPSK	12	13	22.50	22.47	22.35	
5	QPSK	25	0	22.49	22.46	22.37	
5	16QAM	1	0	22.76	22.78	22.73	23.7
5	16QAM	1	12	22.77	22.76	22.70	
5	16QAM	1	24	22.74	22.71	22.53	
5	16QAM	12	0	21.48	21.49	21.42	22.7
5	16QAM	12	7	21.52	21.52	21.41	
5	16QAM	12	13	21.50	21.49	21.33	
5	16QAM	25	0	21.47	21.47	21.35	
5	64QAM	1	0	21.75	21.71	21.64	22.7
5	64QAM	1	12	21.84	21.80	21.69	
5	64QAM	1	24	21.69	21.65	21.45	
5	64QAM	12	0	20.56	20.55	20.43	21.7
5	64QAM	12	7	20.56	20.54	20.42	
5	64QAM	12	13	20.54	20.52	20.41	
5	64QAM	25	0	20.49	20.46	20.39	
5	256QAM	1	0	18.84	18.79	18.81	19.7
5	256QAM	1	12	18.56	18.60	18.53	
5	256QAM	1	24	18.56	18.63	18.59	
5	256QAM	12	0	18.50	18.56	18.53	19.7
5	256QAM	12	7	18.46	18.53	18.51	
5	256QAM	12	13	18.47	18.51	18.47	
5	256QAM	25	0	18.66	18.67	18.64	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.63	23.48	23.49	24.7
3	QPSK	1	8	23.41	23.38	23.36	
3	QPSK	1	14	23.47	23.43	23.41	
3	QPSK	8	0	22.59	22.56	22.39	23.7
3	QPSK	8	4	22.50	22.46	22.32	
3	QPSK	8	7	22.54	22.53	22.38	
3	QPSK	15	0	22.60	22.57	22.47	
3	16QAM	1	0	22.82	22.84	22.70	23.7
3	16QAM	1	8	22.75	22.73	22.54	
3	16QAM	1	14	22.84	22.83	22.57	
3	16QAM	8	0	21.60	21.59	21.45	22.7
3	16QAM	8	4	21.56	21.54	21.39	
3	16QAM	8	7	21.55	21.52	21.37	
3	16QAM	15	0	21.58	21.56	21.45	
3	64QAM	1	0	21.73	21.76	21.63	22.7
3	64QAM	1	8	21.64	21.65	21.49	
3	64QAM	1	14	21.74	21.75	21.53	
3	64QAM	8	0	20.60	20.57	20.45	21.7
3	64QAM	8	4	20.57	20.53	20.38	
3	64QAM	8	7	20.64	20.60	20.41	
3	64QAM	15	0	20.52	20.54	20.35	
3	256QAM	1	0	18.82	18.77	18.76	19.7
3	256QAM	1	8	18.56	18.59	18.56	
3	256QAM	1	14	18.56	18.62	18.57	
3	256QAM	8	0	18.51	18.59	18.50	19.7
3	256QAM	8	4	18.49	18.57	18.53	
3	256QAM	8	7	18.48	18.53	18.48	
3	256QAM	15	0	18.62	18.66	18.65	
Channel				26697	26865	27033	Tune-up limit

Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	23.48	23.45	23.41	24.7
1.4	QPSK	1	3	23.44	23.36	23.37	
1.4	QPSK	1	5	23.50	23.41	23.38	
1.4	QPSK	3	0	23.52	23.44	23.34	
1.4	QPSK	3	1	23.38	23.32	23.31	
1.4	QPSK	3	3	23.51	23.44	23.32	
1.4	QPSK	6	0	22.50	22.45	22.36	23.7
1.4	16QAM	1	0	22.76	22.73	22.60	23.7
1.4	16QAM	1	3	22.69	22.67	22.48	
1.4	16QAM	1	5	22.76	22.73	22.57	
1.4	16QAM	3	0	22.47	22.44	22.39	
1.4	16QAM	3	1	22.54	22.48	22.32	
1.4	16QAM	3	3	22.50	22.45	22.38	
1.4	16QAM	6	0	21.60	21.55	21.40	22.7
1.4	64QAM	1	0	21.73	21.71	21.53	22.7
1.4	64QAM	1	3	21.55	21.53	21.34	
1.4	64QAM	1	5	21.70	21.65	21.49	
1.4	64QAM	3	0	21.59	21.54	21.38	
1.4	64QAM	3	1	21.62	21.58	21.41	
1.4	64QAM	3	3	21.65	21.58	21.42	
1.4	64QAM	6	0	20.50	20.45	20.31	21.7
1.4	256QAM	1	0	18.77	18.75	18.70	19.7
1.4	256QAM	1	3	18.59	18.65	18.59	
1.4	256QAM	1	5	18.66	18.72	18.65	
1.4	256QAM	3	0	18.64	18.71	18.68	
1.4	256QAM	3	1	18.56	18.62	18.58	
1.4	256QAM	3	3	18.58	18.63	18.56	
1.4	256QAM	6	0	18.59	18.61	18.57	19.7

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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				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.82	23.70	23.72	24.7
15	QPSK	1	37	23.62	23.47	23.51	
15	QPSK	1	74	23.67	23.54	23.47	
15	QPSK	36	0	22.81	22.67	22.67	23.7
15	QPSK	36	20	22.77	22.65	22.65	
15	QPSK	36	39	22.74	22.61	22.60	
15	QPSK	75	0	22.81	22.68	22.67	
15	16QAM	1	0	22.99	23.01	22.94	23.7
15	16QAM	1	37	23.07	22.94	22.98	
15	16QAM	1	74	22.94	22.85	22.65	
15	16QAM	36	0	21.78	21.69	21.66	22.7
15	16QAM	36	20	21.75	21.61	21.62	
15	16QAM	36	39	21.73	21.59	21.56	
15	16QAM	75	0	21.78	21.64	21.65	
15	64QAM	1	0	21.96	21.92	21.89	22.7
15	64QAM	1	37	22.10	21.94	21.99	
15	64QAM	1	74	21.90	21.76	21.65	
15	64QAM	36	0	20.81	20.71	20.72	21.7
15	64QAM	36	20	20.81	20.68	20.69	
15	64QAM	36	39	20.79	20.67	20.64	
15	64QAM	75	0	20.80	20.66	20.65	
15	256QAM	1	0	18.89	18.85	18.84	19.7
15	256QAM	1	37	18.63	18.66	18.59	
15	256QAM	1	74	18.60	18.67	18.64	
15	256QAM	36	0	18.58	18.64	18.57	19.7

15	256QAM	36	20	18.54	18.60	18.58	
15	256QAM	36	39	18.55	18.58	18.51	
15	256QAM	75	0	18.69	18.71	18.69	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.53	23.52	23.47	24.7
10	QPSK	1	25	23.48	23.47	23.42	
10	QPSK	1	49	23.48	23.44	23.33	
10	QPSK	25	0	22.54	22.52	22.50	23.7
10	QPSK	25	12	22.57	22.50	22.44	
10	QPSK	25	25	22.49	22.47	22.41	
10	QPSK	50	0	22.54	22.51	22.47	
10	16QAM	1	0	22.70	22.75	22.74	23.7
10	16QAM	1	25	22.70	22.68	22.68	
10	16QAM	1	49	22.72	22.70	22.50	
10	16QAM	25	0	21.52	21.53	21.49	22.7
10	16QAM	25	12	21.53	21.52	21.46	
10	16QAM	25	25	21.53	21.48	21.41	
10	16QAM	50	0	21.54	21.52	21.44	
10	64QAM	1	0	21.64	21.69	21.62	22.7
10	64QAM	1	25	21.61	21.56	21.54	
10	64QAM	1	49	21.65	21.61	21.44	
10	64QAM	25	0	20.56	20.52	20.47	21.7
10	64QAM	25	12	20.52	20.49	20.43	
10	64QAM	25	25	20.50	20.47	20.39	
10	64QAM	50	0	20.55	20.51	20.49	
10	256QAM	1	0	18.82	18.82	18.77	19.7
10	256QAM	1	25	18.58	18.62	18.53	
10	256QAM	1	49	18.52	18.63	18.61	
10	256QAM	25	0	18.55	18.58	18.52	19.7
10	256QAM	25	12	18.49	18.54	18.51	
10	256QAM	25	25	18.50	18.55	18.48	
10	256QAM	50	0	18.64	18.64	18.62	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.62	23.57	23.35	24.7
5	QPSK	1	12	23.51	23.36	23.39	
5	QPSK	1	24	23.44	23.39	23.37	
5	QPSK	12	0	22.52	22.49	22.42	23.7
5	QPSK	12	7	22.50	22.46	22.38	
5	QPSK	12	13	22.50	22.47	22.35	
5	QPSK	25	0	22.49	22.46	22.37	
5	16QAM	1	0	22.76	22.78	22.73	23.7
5	16QAM	1	12	22.77	22.76	22.70	
5	16QAM	1	24	22.74	22.71	22.53	
5	16QAM	12	0	21.48	21.49	21.42	22.7
5	16QAM	12	7	21.52	21.52	21.41	
5	16QAM	12	13	21.50	21.49	21.33	
5	16QAM	25	0	21.47	21.47	21.35	
5	64QAM	1	0	21.75	21.71	21.64	22.7
5	64QAM	1	12	21.84	21.80	21.69	
5	64QAM	1	24	21.69	21.65	21.45	
5	64QAM	12	0	20.56	20.55	20.43	21.7
5	64QAM	12	7	20.56	20.54	20.42	
5	64QAM	12	13	20.54	20.52	20.41	
5	64QAM	25	0	20.49	20.46	20.39	
5	256QAM	1	0	18.84	18.79	18.81	19.7
5	256QAM	1	12	18.56	18.60	18.53	
5	256QAM	1	24	18.56	18.63	18.59	
5	256QAM	12	0	18.50	18.56	18.53	19.7
5	256QAM	12	7	18.46	18.53	18.51	
5	256QAM	12	13	18.47	18.51	18.47	
5	256QAM	25	0	18.66	18.67	18.64	

Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.63	23.48	23.49	24.7
3	QPSK	1	8	23.41	23.38	23.36	
3	QPSK	1	14	23.47	23.43	23.41	
3	QPSK	8	0	22.59	22.56	22.39	23.7
3	QPSK	8	4	22.50	22.46	22.32	
3	QPSK	8	7	22.54	22.53	22.38	
3	QPSK	15	0	22.60	22.57	22.47	
3	16QAM	1	0	22.82	22.84	22.70	23.7
3	16QAM	1	8	22.75	22.73	22.54	
3	16QAM	1	14	22.84	22.83	22.57	
3	16QAM	8	0	21.60	21.59	21.45	22.7
3	16QAM	8	4	21.56	21.54	21.39	
3	16QAM	8	7	21.55	21.52	21.37	
3	16QAM	15	0	21.58	21.56	21.45	
3	64QAM	1	0	21.73	21.76	21.63	22.7
3	64QAM	1	8	21.64	21.65	21.49	
3	64QAM	1	14	21.74	21.75	21.53	
3	64QAM	8	0	20.60	20.57	20.45	21.7
3	64QAM	8	4	20.57	20.53	20.38	
3	64QAM	8	7	20.64	20.60	20.41	
3	64QAM	15	0	20.52	20.54	20.35	
3	256QAM	1	0	18.82	18.77	18.76	19.7
3	256QAM	1	8	18.56	18.59	18.56	
3	256QAM	1	14	18.56	18.62	18.57	
3	256QAM	8	0	18.51	18.59	18.50	19.7
3	256QAM	8	4	18.49	18.57	18.53	
3	256QAM	8	7	18.48	18.53	18.48	
3	256QAM	15	0	18.62	18.66	18.65	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.48	23.45	23.41	24.7
1.4	QPSK	1	3	23.44	23.36	23.37	
1.4	QPSK	1	5	23.50	23.41	23.38	
1.4	QPSK	3	0	23.52	23.44	23.34	
1.4	QPSK	3	1	23.38	23.32	23.31	
1.4	QPSK	3	3	23.51	23.44	23.32	
1.4	QPSK	6	0	22.50	22.45	22.36	23.7
1.4	16QAM	1	0	22.76	22.73	22.60	23.7
1.4	16QAM	1	3	22.69	22.67	22.48	
1.4	16QAM	1	5	22.76	22.73	22.57	
1.4	16QAM	3	0	22.47	22.44	22.39	
1.4	16QAM	3	1	22.54	22.48	22.32	
1.4	16QAM	3	3	22.50	22.45	22.38	
1.4	16QAM	6	0	21.60	21.55	21.40	22.7
1.4	64QAM	1	0	21.73	21.71	21.53	22.7
1.4	64QAM	1	3	21.55	21.53	21.34	
1.4	64QAM	1	5	21.70	21.65	21.49	
1.4	64QAM	3	0	21.59	21.54	21.38	
1.4	64QAM	3	1	21.62	21.58	21.41	
1.4	64QAM	3	3	21.65	21.58	21.42	
1.4	64QAM	6	0	20.50	20.45	20.31	21.7
1.4	256QAM	1	0	18.77	18.75	18.70	19.7
1.4	256QAM	1	3	18.59	18.65	18.59	
1.4	256QAM	1	5	18.66	18.72	18.65	
1.4	256QAM	3	0	18.64	18.71	18.68	
1.4	256QAM	3	1	18.56	18.62	18.58	
1.4	256QAM	3	3	18.58	18.63	18.56	
1.4	256QAM	6	0	18.59	18.61	18.57	19.7

<LTE Band 30_Ant 0_Index 1>

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		23.37		24.6
10	QPSK	1	25		23.34		
10	QPSK	1	49		23.33		
10	QPSK	25	0		22.36		23.6
10	QPSK	25	12		22.35		
10	QPSK	25	25		22.33		
10	QPSK	50	0		22.35		
10	16QAM	1	0		22.55		23.6
10	16QAM	1	25		22.59		
10	16QAM	1	49		22.63		
10	16QAM	25	0		21.34		22.6
10	16QAM	25	12		21.36		
10	16QAM	25	25		21.34		
10	16QAM	50	0		21.35		
10	64QAM	1	0		21.42		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.50		
10	64QAM	25	0		20.29		21.6
10	64QAM	25	12		20.30		
10	64QAM	25	25		20.32		
10	64QAM	50	0		20.32		
10	256QAM	1	0		18.42		19.6
10	256QAM	1	25		18.25		
10	256QAM	1	49		18.46		
10	256QAM	25	0		18.40		19.6
10	256QAM	25	12		18.36		
10	256QAM	25	25		18.37		
10	256QAM	50	0		18.35		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.31	23.36	23.36	24.6
5	QPSK	1	12	23.30	23.34	23.34	
5	QPSK	1	24	23.36	23.36	23.32	
5	QPSK	12	0	22.36	22.38	22.33	23.6
5	QPSK	12	7	22.36	22.37	22.32	
5	QPSK	12	13	22.38	22.39	22.35	
5	QPSK	25	0	22.39	22.39	22.33	
5	16QAM	1	0	22.64	22.70	22.70	23.6
5	16QAM	1	12	22.66	22.72	22.69	
5	16QAM	1	24	22.71	22.74	22.68	
5	16QAM	12	0	21.33	21.37	21.36	22.6
5	16QAM	12	7	21.39	21.43	21.40	
5	16QAM	12	13	21.37	21.42	21.36	
5	16QAM	25	0	21.33	21.34	21.31	
5	64QAM	1	0	21.57	21.59	21.61	22.6
5	64QAM	1	12	21.72	21.75	21.74	
5	64QAM	1	24	21.63	21.65	21.61	
5	64QAM	12	0	20.31	20.36	20.35	21.6
5	64QAM	12	7	20.36	20.40	20.39	
5	64QAM	12	13	20.36	20.40	20.37	
5	64QAM	25	0	20.30	20.34	20.29	
5	256QAM	1	0	18.34	18.36	18.35	19.6
5	256QAM	1	12	18.22	18.17	18.18	
5	256QAM	1	24	18.41	18.43	18.38	
5	256QAM	12	0	18.34	18.32	18.33	19.6
5	256QAM	12	7	18.30	18.28	18.28	

5	256QAM	12	13	18.34	18.32	18.29	
5	256QAM	25	0	18.28	18.32	18.29	

<LTE Band 30_Ant 0_Index 2>

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		23.37		24.6
10	QPSK	1	25		23.34		
10	QPSK	1	49		23.33		
10	QPSK	25	0		22.36		23.6
10	QPSK	25	12		22.35		
10	QPSK	25	25		22.33		
10	QPSK	50	0		22.35		
10	16QAM	1	0		22.55		23.6
10	16QAM	1	25		22.59		
10	16QAM	1	49		22.63		
10	16QAM	25	0		21.34		22.6
10	16QAM	25	12		21.36		
10	16QAM	25	25		21.34		
10	16QAM	50	0		21.35		
10	64QAM	1	0		21.42		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.50		
10	64QAM	25	0		20.29		21.6
10	64QAM	25	12		20.30		
10	64QAM	25	25		20.32		
10	64QAM	50	0		20.32		
10	256QAM	1	0		18.42		19.6
10	256QAM	1	25		18.25		
10	256QAM	1	49		18.46		
10	256QAM	25	0		18.40		19.6
10	256QAM	25	12		18.36		
10	256QAM	25	25		18.37		
10	256QAM	50	0		18.35		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.31	23.36	23.36	24.6
5	QPSK	1	12	23.30	23.34	23.34	
5	QPSK	1	24	23.36	23.36	23.32	
5	QPSK	12	0	22.36	22.38	22.33	23.6
5	QPSK	12	7	22.36	22.37	22.32	
5	QPSK	12	13	22.38	22.39	22.35	
5	QPSK	25	0	22.39	22.39	22.33	
5	16QAM	1	0	22.64	22.70	22.70	23.6
5	16QAM	1	12	22.66	22.72	22.69	
5	16QAM	1	24	22.71	22.74	22.68	
5	16QAM	12	0	21.33	21.37	21.36	22.6
5	16QAM	12	7	21.39	21.43	21.40	
5	16QAM	12	13	21.37	21.42	21.36	
5	16QAM	25	0	21.33	21.34	21.31	
5	64QAM	1	0	21.57	21.59	21.61	22.6
5	64QAM	1	12	21.72	21.75	21.74	
5	64QAM	1	24	21.63	21.65	21.61	
5	64QAM	12	0	20.31	20.36	20.35	21.6
5	64QAM	12	7	20.36	20.40	20.39	
5	64QAM	12	13	20.36	20.40	20.37	
5	64QAM	25	0	20.30	20.34	20.29	
5	256QAM	1	0	18.34	18.36	18.35	19.6

5	256QAM	1	12	18.22	18.17	18.18	
5	256QAM	1	24	18.41	18.43	18.38	
5	256QAM	12	0	18.34	18.32	18.33	19.6
5	256QAM	12	7	18.30	18.28	18.28	
5	256QAM	12	13	18.34	18.32	18.29	
5	256QAM	25	0	18.28	18.32	18.29	

<LTE Band 30_Ant 0_Index 3>

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		23.37		24.6
10	QPSK	1	25		23.34		
10	QPSK	1	49		23.33		
10	QPSK	25	0		22.36		23.6
10	QPSK	25	12		22.35		
10	QPSK	25	25		22.33		
10	QPSK	50	0		22.35		
10	16QAM	1	0		22.55		23.6
10	16QAM	1	25		22.59		
10	16QAM	1	49		22.63		
10	16QAM	25	0		21.34		22.6
10	16QAM	25	12		21.36		
10	16QAM	25	25		21.34		
10	16QAM	50	0		21.35		
10	64QAM	1	0		21.42		22.6
10	64QAM	1	25		21.41		
10	64QAM	1	49		21.50		
10	64QAM	25	0		20.29		21.6
10	64QAM	25	12		20.30		
10	64QAM	25	25		20.32		
10	64QAM	50	0		20.32		
10	256QAM	1	0		18.42		19.6
10	256QAM	1	25		18.25		
10	256QAM	1	49		18.46		
10	256QAM	25	0		18.40		19.6
10	256QAM	25	12		18.36		
10	256QAM	25	25		18.37		
10	256QAM	50	0		18.35		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.31	23.36	23.36	24.6
5	QPSK	1	12	23.30	23.34	23.34	
5	QPSK	1	24	23.36	23.36	23.32	
5	QPSK	12	0	22.36	22.38	22.33	23.6
5	QPSK	12	7	22.36	22.37	22.32	
5	QPSK	12	13	22.38	22.39	22.35	
5	QPSK	25	0	22.39	22.39	22.33	
5	16QAM	1	0	22.64	22.70	22.70	23.6
5	16QAM	1	12	22.66	22.72	22.69	
5	16QAM	1	24	22.71	22.74	22.68	
5	16QAM	12	0	21.33	21.37	21.36	22.6
5	16QAM	12	7	21.39	21.43	21.40	
5	16QAM	12	13	21.37	21.42	21.36	
5	16QAM	25	0	21.33	21.34	21.31	
5	64QAM	1	0	21.57	21.59	21.61	22.6
5	64QAM	1	12	21.72	21.75	21.74	
5	64QAM	1	24	21.63	21.65	21.61	
5	64QAM	12	0	20.31	20.36	20.35	21.6

5	64QAM	12	7	20.36	20.40	20.39	
5	64QAM	12	13	20.36	20.40	20.37	
5	64QAM	25	0	20.30	20.34	20.29	
5	256QAM	1	0	18.34	18.36	18.35	19.6
5	256QAM	1	12	18.22	18.17	18.18	
5	256QAM	1	24	18.41	18.43	18.38	
5	256QAM	12	0	18.34	18.32	18.33	19.6
5	256QAM	12	7	18.30	18.28	18.28	
5	256QAM	12	13	18.34	18.32	18.29	
5	256QAM	25	0	18.28	18.32	18.29	

<LTE Band 30_Ant 0_Index 4>

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		17.27		18.9
10	QPSK	1	25		17.19		
10	QPSK	1	49		17.19		
10	QPSK	25	0		17.25		18.9
10	QPSK	25	12		17.23		
10	QPSK	25	25		17.20		
10	QPSK	50	0		17.22		
10	16QAM	1	0		17.41		18.9
10	16QAM	1	25		17.40		
10	16QAM	1	49		17.51		
10	16QAM	25	0		17.21		18.9
10	16QAM	25	12		17.21		
10	16QAM	25	25		17.21		
10	16QAM	50	0		17.20		
10	64QAM	1	0		17.26		18.9
10	64QAM	1	25		17.25		
10	64QAM	1	49		17.39		
10	64QAM	25	0		17.21		18.9
10	64QAM	25	12		17.18		
10	64QAM	25	25		17.21		
10	64QAM	50	0		17.22		
10	256QAM	1	0		17.40		18.9
10	256QAM	1	25		17.34		
10	256QAM	1	49		17.46		
10	256QAM	25	0		17.14		18.9
10	256QAM	25	12		17.14		
10	256QAM	25	25		17.20		
10	256QAM	50	0		17.14		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.12	17.15	17.31	18.9
5	QPSK	1	12	17.10	17.11	17.10	
5	QPSK	1	24	17.13	17.17	17.15	
5	QPSK	12	0	17.19	17.20	17.20	18.9
5	QPSK	12	7	17.16	17.19	17.19	
5	QPSK	12	13	17.17	17.21	17.19	
5	QPSK	25	0	17.18	17.20	17.17	
5	16QAM	1	0	17.45	17.49	17.49	18.9
5	16QAM	1	12	17.45	17.50	17.45	
5	16QAM	1	24	17.48	17.48	17.46	
5	16QAM	12	0	17.14	17.21	17.21	18.9
5	16QAM	12	7	17.20	17.25	17.25	
5	16QAM	12	13	17.19	17.22	17.23	
5	16QAM	25	0	17.16	17.20	17.17	

5	64QAM	1	0	17.34	17.38	17.45	18.9
5	64QAM	1	12	17.45	17.42	17.39	
5	64QAM	1	24	17.39	17.41	17.44	
5	64QAM	12	0	17.20	17.25	17.27	18.9
5	64QAM	12	7	17.21	17.26	17.26	
5	64QAM	12	13	17.25	17.26	17.27	
5	64QAM	25	0	17.16	17.20	17.17	
5	256QAM	1	0	17.36	17.42	17.40	18.9
5	256QAM	1	12	17.41	17.44	17.43	
5	256QAM	1	24	17.39	17.45	17.40	
5	256QAM	12	0	17.05	17.12	17.15	18.9
5	256QAM	12	7	17.17	17.23	17.15	
5	256QAM	12	13	17.13	17.21	17.13	
5	256QAM	25	0	17.15	17.12	17.10	

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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			
Frequency (MHz)				2310			
10	QPSK	1	0		19.85		21.5
10	QPSK	1	25		19.70		
10	QPSK	1	49		19.66		
10	QPSK	25	0		19.74		21.5
10	QPSK	25	12		19.73		
10	QPSK	25	25		19.71		
10	QPSK	50	0		19.72		
10	16QAM	1	0		19.87		21.5
10	16QAM	1	25		19.90		
10	16QAM	1	49		20.09		
10	16QAM	25	0		19.70		21.5
10	16QAM	25	12		19.72		
10	16QAM	25	25		19.72		
10	16QAM	50	0		19.71		
10	64QAM	1	0		19.78		21.5
10	64QAM	1	25		19.74		
10	64QAM	1	49		19.85		
10	64QAM	25	0		19.72		20.6
10	64QAM	25	12		19.71		
10	64QAM	25	25		19.72		
10	64QAM	50	0		19.72		
10	256QAM	1	0		18.40		19.6
10	256QAM	1	25		18.22		
10	256QAM	1	49		18.44		
10	256QAM	25	0		18.35		19.6
10	256QAM	25	12		18.32		
10	256QAM	25	25		18.32		
10	256QAM	50	0		18.27		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	19.73	19.72	19.79	21.5
5	QPSK	1	12	19.66	19.63	19.68	
5	QPSK	1	24	19.71	19.66	19.66	
5	QPSK	12	0	19.71	19.71	19.72	21.5
5	QPSK	12	7	19.71	19.70	19.70	
5	QPSK	12	13	19.67	19.72	19.71	
5	QPSK	25	0	19.70	19.73	19.72	
5	16QAM	1	0	19.94	20.00	20.04	21.5
5	16QAM	1	12	20.01	20.08	20.04	
5	16QAM	1	24	19.98	20.03	20.01	

5	16QAM	12	0	19.64	19.71	19.73	21.5
5	16QAM	12	7	19.68	19.74	19.77	
5	16QAM	12	13	19.68	19.74	19.74	
5	16QAM	25	0	19.65	19.70	19.72	
5	64QAM	1	0	19.82	19.89	19.94	21.5
5	64QAM	1	12	19.94	20.04	20.06	
5	64QAM	1	24	19.89	19.91	19.89	
5	64QAM	12	0	19.68	19.76	19.79	20.6
5	64QAM	12	7	19.71	19.80	19.78	
5	64QAM	12	13	19.72	19.80	19.79	
5	64QAM	25	0	19.67	19.71	19.72	
5	256QAM	1	0	18.41	18.41	18.37	19.6
5	256QAM	1	12	18.23	18.22	18.18	
5	256QAM	1	24	18.37	18.43	18.42	
5	256QAM	12	0	18.32	18.32	18.33	19.6
5	256QAM	12	7	18.31	18.32	18.27	
5	256QAM	12	13	18.32	18.29	18.32	
5	256QAM	25	0	18.26	18.26	18.27	

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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		
Frequency (MHz)					2310		
10	QPSK	1	0		19.85		20.8
10	QPSK	1	25		19.70		
10	QPSK	1	49		19.66		
10	QPSK	25	0		19.74		20.8
10	QPSK	25	12		19.73		
10	QPSK	25	25		19.71		
10	QPSK	50	0		19.72		
10	16QAM	1	0		19.87		20.8
10	16QAM	1	25		19.90		
10	16QAM	1	49		20.09		
10	16QAM	25	0		19.70		20.8
10	16QAM	25	12		19.72		
10	16QAM	25	25		19.72		
10	16QAM	50	0		19.71		
10	64QAM	1	0		19.78		20.8
10	64QAM	1	25		19.74		
10	64QAM	1	49		19.85		
10	64QAM	25	0		19.72		20.8
10	64QAM	25	12		19.71		
10	64QAM	25	25		19.72		
10	64QAM	50	0		19.72		
10	256QAM	1	0		18.40		19.6
10	256QAM	1	25		18.22		
10	256QAM	1	49		18.44		
10	256QAM	25	0		18.35		19.6
10	256QAM	25	12		18.32		
10	256QAM	25	25		18.32		
10	256QAM	50	0		18.27		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	19.73	19.72	19.79	20.8
5	QPSK	1	12	19.66	19.63	19.68	
5	QPSK	1	24	19.71	19.66	19.66	
5	QPSK	12	0	19.71	19.71	19.72	20.8
5	QPSK	12	7	19.71	19.70	19.70	
5	QPSK	12	13	19.67	19.72	19.71	

5	QPSK	25	0	19.70	19.73	19.72	
5	16QAM	1	0	19.94	20.00	20.04	20.8
5	16QAM	1	12	20.01	20.08	20.04	
5	16QAM	1	24	19.98	20.03	20.01	
5	16QAM	12	0	19.64	19.71	19.73	20.8
5	16QAM	12	7	19.68	19.74	19.77	
5	16QAM	12	13	19.68	19.74	19.74	
5	16QAM	25	0	19.65	19.70	19.72	
5	64QAM	1	0	19.82	19.89	19.94	20.8
5	64QAM	1	12	19.94	20.04	20.06	
5	64QAM	1	24	19.89	19.91	19.89	
5	64QAM	12	0	19.68	19.76	19.79	20.8
5	64QAM	12	7	19.71	19.80	19.78	
5	64QAM	12	13	19.72	19.80	19.79	
5	64QAM	25	0	19.67	19.71	19.72	
5	256QAM	1	0	18.41	18.41	18.37	19.6
5	256QAM	1	12	18.23	18.22	18.18	
5	256QAM	1	24	18.37	18.43	18.42	
5	256QAM	12	0	18.32	18.32	18.33	19.6
5	256QAM	12	7	18.31	18.32	18.27	
5	256QAM	12	13	18.32	18.29	18.32	
5	256QAM	25	0	18.26	18.26	18.27	

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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	23.43	23.44	23.43	24.7
20	QPSK	1	49	23.28	23.30	23.27	
20	QPSK	1	99	23.22	23.20	23.21	
20	QPSK	50	0	22.40	22.41	22.39	23.7
20	QPSK	50	24	22.35	22.32	22.34	
20	QPSK	50	50	22.30	22.27	22.29	
20	QPSK	100	0	22.36	22.37	22.34	
20	16QAM	1	0	22.70	22.66	22.68	23.7
20	16QAM	1	49	22.65	22.59	22.61	
20	16QAM	1	99	22.50	22.55	22.52	
20	16QAM	50	0	21.40	21.34	21.38	22.7
20	16QAM	50	24	21.34	21.32	21.36	
20	16QAM	50	50	21.30	21.29	21.32	
20	16QAM	100	0	21.36	21.34	21.37	
20	64QAM	1	0	21.62	21.55	21.61	22.7
20	64QAM	1	49	21.56	21.53	21.56	
20	64QAM	1	99	21.40	21.44	21.43	
20	64QAM	50	0	20.44	20.38	20.43	21.7
20	64QAM	50	24	20.40	20.35	20.38	
20	64QAM	50	50	20.34	20.34	20.33	
20	64QAM	100	0	20.37	20.35	20.38	
20	256QAM	1	0	18.53	18.48	18.50	19.7
20	256QAM	1	49	18.24	18.28	18.21	
20	256QAM	1	99	18.47	18.52	18.45	
20	256QAM	50	0	18.33	18.38	18.36	19.7
20	256QAM	50	24	18.36	18.39	18.37	
20	256QAM	50	50	18.33	18.40	18.33	
20	256QAM	100	0	18.32	18.39	18.34	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.42	23.43	23.43	24.7
15	QPSK	1	37	23.29	23.20	23.21	

15	QPSK	1	74	23.39	23.30	23.24	
15	QPSK	36	0	22.50	22.40	22.35	23.7
15	QPSK	36	20	22.48	22.36	22.32	
15	QPSK	36	39	22.45	22.34	22.30	
15	QPSK	75	0	22.46	22.37	22.32	
15	16QAM	1	0	22.82	22.70	22.70	23.7
15	16QAM	1	37	22.82	22.69	22.67	
15	16QAM	1	74	22.69	22.60	22.53	
15	16QAM	36	0	21.50	21.37	21.36	22.7
15	16QAM	36	20	21.46	21.34	21.33	
15	16QAM	36	39	21.43	21.34	21.32	
15	16QAM	75	0	21.48	21.35	21.36	
15	64QAM	1	0	21.70	21.57	21.60	22.7
15	64QAM	1	37	21.79	21.65	21.64	
15	64QAM	1	74	21.56	21.49	21.45	
15	64QAM	36	0	20.54	20.39	20.40	21.7
15	64QAM	36	20	20.49	20.36	20.36	
15	64QAM	36	39	20.46	20.34	20.34	
15	64QAM	75	0	20.48	20.36	20.34	
15	256QAM	1	0	18.45	18.42	18.42	19.7
15	256QAM	1	37	18.18	18.23	18.17	
15	256QAM	1	74	18.43	18.46	18.39	
15	256QAM	36	0	18.30	18.32	18.30	19.7
15	256QAM	36	20	18.28	18.31	18.34	
15	256QAM	36	39	18.28	18.34	18.30	
15	256QAM	75	0	18.28	18.34	18.30	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.40	23.38	23.29	24.7
10	QPSK	1	25	23.35	23.34	23.22	
10	QPSK	1	49	23.35	23.30	23.19	
10	QPSK	25	0	22.46	22.38	22.31	23.7
10	QPSK	25	12	22.43	22.37	22.28	
10	QPSK	25	25	22.42	22.35	22.25	
10	QPSK	50	0	22.45	22.39	22.29	
10	16QAM	1	0	22.64	22.64	22.56	23.7
10	16QAM	1	25	22.63	22.59	22.51	
10	16QAM	1	49	22.65	22.57	22.51	
10	16QAM	25	0	21.47	21.37	21.29	22.7
10	16QAM	25	12	21.44	21.35	21.27	
10	16QAM	25	25	21.41	21.33	21.23	
10	16QAM	50	0	21.44	21.32	21.25	
10	64QAM	1	0	21.58	21.50	21.44	22.7
10	64QAM	1	25	21.53	21.38	21.33	
10	64QAM	1	49	21.57	21.44	21.38	
10	64QAM	25	0	20.46	20.36	20.30	21.7
10	64QAM	25	12	20.43	20.34	20.27	
10	64QAM	25	25	20.41	20.32	20.26	
10	64QAM	50	0	20.46	20.37	20.31	
10	256QAM	1	0	18.47	18.41	18.42	19.7
10	256QAM	1	25	18.19	18.23	18.17	
10	256QAM	1	49	18.40	18.48	18.37	
10	256QAM	25	0	18.28	18.33	18.32	19.7
10	256QAM	25	12	18.31	18.35	18.31	
10	256QAM	25	25	18.25	18.35	18.27	
10	256QAM	50	0	18.27	18.31	18.29	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.42	23.32	23.39	24.7
5	QPSK	1	12	23.33	23.24	23.27	
5	QPSK	1	24	23.36	23.27	23.29	
5	QPSK	12	0	22.44	22.34	22.27	23.7
5	QPSK	12	7	22.42	22.30	22.25	

5	QPSK	12	13	22.42	22.31	22.26	
5	QPSK	25	0	22.43	22.37	22.28	
5	16QAM	1	0	22.73	22.71	22.65	23.7
5	16QAM	1	12	22.70	22.66	22.60	
5	16QAM	1	24	22.69	22.62	22.56	
5	16QAM	12	0	21.43	21.31	21.27	22.7
5	16QAM	12	7	21.46	21.34	21.29	
5	16QAM	12	13	21.44	21.29	21.24	
5	16QAM	25	0	21.40	21.30	21.24	
5	64QAM	1	0	21.69	21.57	21.54	22.7
5	64QAM	1	12	21.77	21.63	21.61	
5	64QAM	1	24	21.65	21.51	21.47	
5	64QAM	12	0	20.47	20.37	20.33	21.7
5	64QAM	12	7	20.49	20.36	20.32	
5	64QAM	12	13	20.47	20.34	20.30	
5	64QAM	25	0	20.43	20.31	20.26	
5	256QAM	1	0	18.48	18.40	18.42	19.7
5	256QAM	1	12	18.16	18.24	18.13	
5	256QAM	1	24	18.42	18.44	18.42	
5	256QAM	12	0	18.25	18.32	18.31	19.7
5	256QAM	12	7	18.30	18.34	18.31	
5	256QAM	12	13	18.27	18.35	18.29	
5	256QAM	25	0	18.28	18.32	18.29	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.40	23.30	23.33	24.7
3	QPSK	1	8	23.29	23.24	23.23	
3	QPSK	1	14	23.32	23.23	23.33	
3	QPSK	8	0	22.43	22.32	22.27	23.7
3	QPSK	8	4	22.36	22.26	22.19	
3	QPSK	8	7	22.43	22.32	22.24	
3	QPSK	15	0	22.50	22.44	22.32	
3	16QAM	1	0	22.73	22.66	22.59	23.7
3	16QAM	1	8	22.66	22.58	22.51	
3	16QAM	1	14	22.74	22.65	22.57	
3	16QAM	8	0	21.50	21.37	21.32	22.7
3	16QAM	8	4	21.46	21.32	21.27	
3	16QAM	8	7	21.45	21.32	21.26	
3	16QAM	15	0	21.47	21.38	21.29	
3	64QAM	1	0	21.69	21.53	21.51	22.7
3	64QAM	1	8	21.61	21.44	21.40	
3	64QAM	1	14	21.68	21.52	21.49	
3	64QAM	8	0	20.50	20.37	20.32	21.7
3	64QAM	8	4	20.46	20.32	20.28	
3	64QAM	8	7	20.50	20.40	20.36	
3	64QAM	15	0	20.43	20.32	20.25	
3	256QAM	1	0	18.48	18.42	18.42	19.7
3	256QAM	1	8	18.20	18.25	18.16	
3	256QAM	1	14	18.39	18.49	18.40	
3	256QAM	8	0	18.29	18.30	18.29	19.7
3	256QAM	8	4	18.32	18.35	18.30	
3	256QAM	8	7	18.29	18.35	18.29	
3	256QAM	15	0	18.29	18.31	18.29	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.40	23.35	23.25	24.7
1.4	QPSK	1	3	23.32	23.27	23.14	
1.4	QPSK	1	5	23.37	23.29	23.18	
1.4	QPSK	3	0	23.31	23.25	23.20	
1.4	QPSK	3	1	23.19	23.13	23.07	
1.4	QPSK	3	3	23.32	23.26	23.18	
1.4	QPSK	6	0	22.37	22.33	22.22	23.7
1.4	16QAM	1	0	22.66	22.62	22.55	23.7

1.4	16QAM	1	3	22.55	22.52	22.46	
1.4	16QAM	1	5	22.66	22.58	22.54	
1.4	16QAM	3	0	22.32	22.26	22.20	
1.4	16QAM	3	1	22.36	22.31	22.26	
1.4	16QAM	3	3	22.32	22.27	22.19	
1.4	16QAM	6	0	21.43	21.36	21.27	22.7
1.4	64QAM	1	0	21.60	21.47	21.43	22.7
1.4	64QAM	1	3	21.46	21.29	21.27	
1.4	64QAM	1	5	21.61	21.45	21.41	
1.4	64QAM	3	0	21.45	21.33	21.27	
1.4	64QAM	3	1	21.49	21.37	21.30	
1.4	64QAM	3	3	21.50	21.38	21.34	
1.4	64QAM	6	0	20.35	20.29	20.21	21.7
1.4	256QAM	1	0	18.49	18.42	18.39	19.7
1.4	256QAM	1	3	18.19	18.24	18.19	
1.4	256QAM	1	5	18.37	18.41	18.35	
1.4	256QAM	3	0	18.31	18.38	18.33	
1.4	256QAM	3	1	18.31	18.37	18.35	
1.4	256QAM	3	3	18.35	18.40	18.38	
1.4	256QAM	6	0	18.30	18.34	18.30	19.7

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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	23.39	23.40	23.21	24.5
20	QPSK	1	49	23.16	23.28	22.94	
20	QPSK	1	99	23.22	23.17	23.04	
20	QPSK	50	0	22.37	22.37	22.17	23.5
20	QPSK	50	24	22.36	22.32	22.12	
20	QPSK	50	50	22.32	22.27	22.10	
20	QPSK	100	0	22.33	22.34	22.16	
20	16QAM	1	0	22.76	22.68	22.52	23.5
20	16QAM	1	49	22.66	22.61	22.44	
20	16QAM	1	99	22.53	22.60	22.39	
20	16QAM	50	0	21.40	21.36	21.16	22.5
20	16QAM	50	24	21.36	21.33	21.12	
20	16QAM	50	50	21.33	21.29	21.10	
20	16QAM	100	0	21.38	21.36	21.14	
20	64QAM	1	0	21.62	21.58	21.41	22.5
20	64QAM	1	49	21.59	21.56	21.35	
20	64QAM	1	99	21.38	21.44	21.25	
20	64QAM	50	0	20.45	20.41	20.22	21.5
20	64QAM	50	24	20.40	20.38	20.20	
20	64QAM	50	50	20.33	20.35	20.15	
20	64QAM	100	0	20.38	20.38	20.18	
20	256QAM	1	0	18.61	18.58	18.41	19.5
20	256QAM	1	49	18.32	18.29	18.12	
20	256QAM	1	99	18.52	18.49	18.32	
20	256QAM	50	0	18.49	18.46	18.29	19.5
20	256QAM	50	24	18.49	18.46	18.29	
20	256QAM	50	50	18.44	18.41	18.24	
20	256QAM	100	0	18.48	18.45	18.28	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.32	23.27	23.11	24.5
15	QPSK	1	37	23.06	22.99	22.82	
15	QPSK	1	74	23.23	23.14	22.98	
15	QPSK	36	0	22.33	22.27	22.08	23.5

15	QPSK	36	20	22.30	22.24	22.07	
15	QPSK	36	39	22.28	22.19	22.03	
15	QPSK	75	0	22.30	22.25	22.06	
15	16QAM	1	0	22.72	22.56	22.41	23.5
15	16QAM	1	37	22.65	22.58	22.39	
15	16QAM	1	74	22.51	22.53	22.31	
15	16QAM	36	0	21.32	21.26	21.06	22.5
15	16QAM	36	20	21.30	21.21	21.02	
15	16QAM	36	39	21.26	21.20	21.03	
15	16QAM	75	0	21.31	21.23	21.06	
15	64QAM	1	0	21.58	21.42	21.28	22.5
15	64QAM	1	37	21.64	21.56	21.36	
15	64QAM	1	74	21.40	21.38	21.21	
15	64QAM	36	0	20.37	20.29	20.10	21.5
15	64QAM	36	20	20.34	20.26	20.07	
15	64QAM	36	39	20.29	20.24	20.06	
15	64QAM	75	0	20.32	20.25	20.06	
15	256QAM	1	0	18.55	18.50	18.36	19.5
15	256QAM	1	37	18.27	18.24	18.10	
15	256QAM	1	74	18.44	18.44	18.25	
15	256QAM	36	0	18.47	18.46	18.19	19.5
15	256QAM	36	20	18.46	18.39	18.24	
15	256QAM	36	39	18.41	18.31	18.20	
15	256QAM	75	0	18.45	18.35	18.21	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.26	23.31	23.12	24.5
10	QPSK	1	25	23.28	23.20	23.04	
10	QPSK	1	49	23.26	23.18	23.07	
10	QPSK	25	0	22.34	22.27	22.11	23.5
10	QPSK	25	12	22.31	22.23	22.09	
10	QPSK	25	25	22.31	22.21	22.10	
10	QPSK	50	0	22.33	22.25	22.10	
10	16QAM	1	0	22.61	22.55	22.34	23.5
10	16QAM	1	25	22.61	22.50	22.33	
10	16QAM	1	49	22.55	22.51	22.35	
10	16QAM	25	0	21.35	21.24	21.11	22.5
10	16QAM	25	12	21.31	21.24	21.10	
10	16QAM	25	25	21.27	21.21	21.09	
10	16QAM	50	0	21.32	21.23	21.10	
10	64QAM	1	0	21.44	21.43	21.22	22.5
10	64QAM	1	25	21.41	21.35	21.17	
10	64QAM	1	49	21.40	21.37	21.19	
10	64QAM	25	0	20.35	20.26	20.11	21.5
10	64QAM	25	12	20.31	20.23	20.11	
10	64QAM	25	25	20.30	20.20	20.09	
10	64QAM	50	0	20.37	20.27	20.16	
10	256QAM	1	0	18.58	18.52	18.40	19.5
10	256QAM	1	25	18.30	18.21	18.07	
10	256QAM	1	49	18.48	18.47	18.23	
10	256QAM	25	0	18.42	18.36	18.28	19.5
10	256QAM	25	12	18.39	18.37	18.28	
10	256QAM	25	25	18.37	18.37	18.14	
10	256QAM	50	0	18.48	18.43	18.18	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.16	23.22	23.17	24.5
5	QPSK	1	12	23.20	23.20	23.04	
5	QPSK	1	24	23.23	23.27	23.08	
5	QPSK	12	0	22.27	22.24	22.10	23.5
5	QPSK	12	7	22.27	22.20	22.09	
5	QPSK	12	13	22.27	22.22	22.07	
5	QPSK	25	0	22.29	22.22	22.07	

5	16QAM	1	0	22.64	22.59	22.44	23.5
5	16QAM	1	12	22.65	22.60	22.46	
5	16QAM	1	24	22.58	22.54	22.35	
5	16QAM	12	0	21.30	21.25	21.07	22.5
5	16QAM	12	7	21.33	21.25	21.08	
5	16QAM	12	13	21.29	21.25	21.07	
5	16QAM	25	0	21.28	21.24	21.06	
5	64QAM	1	0	21.53	21.48	21.29	22.5
5	64QAM	1	12	21.64	21.59	21.39	
5	64QAM	1	24	21.49	21.42	21.25	
5	64QAM	12	0	20.40	20.28	20.15	21.5
5	64QAM	12	7	20.40	20.31	20.17	
5	64QAM	12	13	20.37	20.30	20.14	
5	64QAM	25	0	20.32	20.23	20.08	
5	256QAM	1	0	18.59	18.54	18.35	19.5
5	256QAM	1	12	18.32	18.20	18.04	
5	256QAM	1	24	18.50	18.41	18.28	
5	256QAM	12	0	18.44	18.42	18.20	19.5
5	256QAM	12	7	18.41	18.38	18.23	
5	256QAM	12	13	18.41	18.41	18.17	
5	256QAM	25	0	18.43	18.40	18.26	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.25	23.20	23.15	24.5
3	QPSK	1	8	23.28	23.11	22.95	
3	QPSK	1	14	23.27	23.15	22.98	
3	QPSK	8	0	22.27	22.24	22.04	23.5
3	QPSK	8	4	22.18	22.13	21.99	
3	QPSK	8	7	22.26	22.21	22.05	
3	QPSK	15	0	22.31	22.23	22.09	
3	16QAM	1	0	22.64	22.58	22.43	23.5
3	16QAM	1	8	22.56	22.51	22.31	
3	16QAM	1	14	22.64	22.56	22.38	
3	16QAM	8	0	21.35	21.27	21.10	22.5
3	16QAM	8	4	21.32	21.24	21.07	
3	16QAM	8	7	21.28	21.23	21.05	
3	16QAM	15	0	21.33	21.27	21.07	
3	64QAM	1	0	21.54	21.46	21.25	22.5
3	64QAM	1	8	21.45	21.35	21.17	
3	64QAM	1	14	21.53	21.43	21.29	
3	64QAM	8	0	20.37	20.27	20.13	21.5
3	64QAM	8	4	20.31	20.22	20.08	
3	64QAM	8	7	20.39	20.29	20.14	
3	64QAM	15	0	20.26	20.20	20.02	
3	256QAM	1	0	18.60	18.54	18.34	19.5
3	256QAM	1	8	18.24	18.26	18.10	
3	256QAM	1	14	18.52	18.49	18.27	
3	256QAM	8	0	18.43	18.45	18.26	19.5
3	256QAM	8	4	18.44	18.41	18.23	
3	256QAM	8	7	18.38	18.32	18.23	
3	256QAM	15	0	18.38	18.37	18.21	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.27	23.27	23.08	24.5
1.4	QPSK	1	3	23.16	23.19	23.01	
1.4	QPSK	1	5	23.20	23.17	23.07	
1.4	QPSK	3	0	23.19	23.18	23.02	
1.4	QPSK	3	1	23.11	23.07	22.91	
1.4	QPSK	3	3	23.20	23.18	23.01	
1.4	QPSK	6	0	22.24	22.17	22.02	23.5
1.4	16QAM	1	0	22.62	22.51	22.39	23.5
1.4	16QAM	1	3	22.55	22.49	22.27	
1.4	16QAM	1	5	22.64	22.53	22.36	

1.4	16QAM	3	0	22.19	22.13	21.99	
1.4	16QAM	3	1	22.24	22.19	22.03	
1.4	16QAM	3	3	22.22	22.15	22.01	
1.4	16QAM	6	0	21.30	21.26	21.07	22.5
1.4	64QAM	1	0	21.53	21.43	21.22	22.5
1.4	64QAM	1	3	21.38	21.30	21.10	
1.4	64QAM	1	5	21.49	21.40	21.20	
1.4	64QAM	3	0	21.32	21.25	21.08	
1.4	64QAM	3	1	21.34	21.29	21.11	
1.4	64QAM	3	3	21.36	21.30	21.15	
1.4	64QAM	6	0	20.22	20.16	19.99	21.5
1.4	256QAM	1	0	18.48	18.49	18.39	19.5
1.4	256QAM	1	3	18.35	18.36	18.26	
1.4	256QAM	1	5	18.48	18.49	18.39	
1.4	256QAM	3	0	18.42	18.43	18.33	
1.4	256QAM	3	1	18.40	18.41	18.31	
1.4	256QAM	3	3	18.44	18.45	18.35	
1.4	256QAM	6	0	18.36	18.37	18.27	19.5

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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	23.43	23.44	23.43	24.7
20	QPSK	1	49	23.28	23.30	23.27	
20	QPSK	1	99	23.22	23.20	23.21	
20	QPSK	50	0	22.40	22.41	22.39	23.7
20	QPSK	50	24	22.35	22.32	22.34	
20	QPSK	50	50	22.30	22.27	22.29	
20	QPSK	100	0	22.36	22.37	22.34	
20	16QAM	1	0	22.70	22.66	22.68	23.7
20	16QAM	1	49	22.65	22.59	22.61	
20	16QAM	1	99	22.50	22.55	22.52	
20	16QAM	50	0	21.40	21.34	21.38	22.7
20	16QAM	50	24	21.34	21.32	21.36	
20	16QAM	50	50	21.30	21.29	21.32	
20	16QAM	100	0	21.36	21.34	21.37	
20	64QAM	1	0	21.62	21.55	21.61	22.7
20	64QAM	1	49	21.56	21.53	21.56	
20	64QAM	1	99	21.40	21.44	21.43	
20	64QAM	50	0	20.44	20.38	20.43	21.7
20	64QAM	50	24	20.40	20.35	20.38	
20	64QAM	50	50	20.34	20.34	20.33	
20	64QAM	100	0	20.37	20.35	20.38	
20	256QAM	1	0	18.53	18.48	18.50	19.7
20	256QAM	1	49	18.24	18.28	18.21	
20	256QAM	1	99	18.47	18.52	18.45	
20	256QAM	50	0	18.33	18.38	18.36	19.7
20	256QAM	50	24	18.36	18.39	18.37	
20	256QAM	50	50	18.33	18.40	18.33	
20	256QAM	100	0	18.32	18.39	18.34	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.42	23.43	23.43	24.7
15	QPSK	1	37	23.29	23.20	23.21	
15	QPSK	1	74	23.39	23.30	23.24	
15	QPSK	36	0	22.50	22.40	22.35	23.7
15	QPSK	36	20	22.48	22.36	22.32	
15	QPSK	36	39	22.45	22.34	22.30	

15	QPSK	75	0	22.46	22.37	22.32	
15	16QAM	1	0	22.82	22.70	22.70	23.7
15	16QAM	1	37	22.82	22.69	22.67	
15	16QAM	1	74	22.69	22.60	22.53	
15	16QAM	36	0	21.50	21.37	21.36	22.7
15	16QAM	36	20	21.46	21.34	21.33	
15	16QAM	36	39	21.43	21.34	21.32	
15	16QAM	75	0	21.48	21.35	21.36	
15	64QAM	1	0	21.70	21.57	21.60	22.7
15	64QAM	1	37	21.79	21.65	21.64	
15	64QAM	1	74	21.56	21.49	21.45	
15	64QAM	36	0	20.54	20.39	20.40	21.7
15	64QAM	36	20	20.49	20.36	20.36	
15	64QAM	36	39	20.46	20.34	20.34	
15	64QAM	75	0	20.48	20.36	20.34	
15	256QAM	1	0	18.45	18.42	18.42	19.7
15	256QAM	1	37	18.18	18.23	18.17	
15	256QAM	1	74	18.43	18.46	18.39	
15	256QAM	36	0	18.30	18.32	18.30	19.7
15	256QAM	36	20	18.28	18.31	18.34	
15	256QAM	36	39	18.28	18.34	18.30	
15	256QAM	75	0	18.28	18.34	18.30	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.40	23.38	23.29	24.7
10	QPSK	1	25	23.35	23.34	23.22	
10	QPSK	1	49	23.35	23.30	23.19	
10	QPSK	25	0	22.46	22.38	22.31	23.7
10	QPSK	25	12	22.43	22.37	22.28	
10	QPSK	25	25	22.42	22.35	22.25	
10	QPSK	50	0	22.45	22.39	22.29	
10	16QAM	1	0	22.64	22.64	22.56	23.7
10	16QAM	1	25	22.63	22.59	22.51	
10	16QAM	1	49	22.65	22.57	22.51	
10	16QAM	25	0	21.47	21.37	21.29	22.7
10	16QAM	25	12	21.44	21.35	21.27	
10	16QAM	25	25	21.41	21.33	21.23	
10	16QAM	50	0	21.44	21.32	21.25	
10	64QAM	1	0	21.58	21.50	21.44	22.7
10	64QAM	1	25	21.53	21.38	21.33	
10	64QAM	1	49	21.57	21.44	21.38	
10	64QAM	25	0	20.46	20.36	20.30	21.7
10	64QAM	25	12	20.43	20.34	20.27	
10	64QAM	25	25	20.41	20.32	20.26	
10	64QAM	50	0	20.46	20.37	20.31	
10	256QAM	1	0	18.47	18.41	18.42	19.7
10	256QAM	1	25	18.19	18.23	18.17	
10	256QAM	1	49	18.40	18.48	18.37	
10	256QAM	25	0	18.28	18.33	18.32	19.7
10	256QAM	25	12	18.31	18.35	18.31	
10	256QAM	25	25	18.25	18.35	18.27	
10	256QAM	50	0	18.27	18.31	18.29	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.42	23.32	23.39	24.7
5	QPSK	1	12	23.33	23.24	23.27	
5	QPSK	1	24	23.36	23.27	23.29	
5	QPSK	12	0	22.44	22.34	22.27	23.7
5	QPSK	12	7	22.42	22.30	22.25	
5	QPSK	12	13	22.42	22.31	22.26	
5	QPSK	25	0	22.43	22.37	22.28	
5	16QAM	1	0	22.73	22.71	22.65	23.7
5	16QAM	1	12	22.70	22.66	22.60	

5	16QAM	1	24	22.69	22.62	22.56	
5	16QAM	12	0	21.43	21.31	21.27	22.7
5	16QAM	12	7	21.46	21.34	21.29	
5	16QAM	12	13	21.44	21.29	21.24	
5	16QAM	25	0	21.40	21.30	21.24	
5	64QAM	1	0	21.69	21.57	21.54	22.7
5	64QAM	1	12	21.77	21.63	21.61	
5	64QAM	1	24	21.65	21.51	21.47	
5	64QAM	12	0	20.47	20.37	20.33	21.7
5	64QAM	12	7	20.49	20.36	20.32	
5	64QAM	12	13	20.47	20.34	20.30	
5	64QAM	25	0	20.43	20.31	20.26	
5	256QAM	1	0	18.48	18.40	18.42	19.7
5	256QAM	1	12	18.16	18.24	18.13	
5	256QAM	1	24	18.42	18.44	18.42	
5	256QAM	12	0	18.25	18.32	18.31	19.7
5	256QAM	12	7	18.30	18.34	18.31	
5	256QAM	12	13	18.27	18.35	18.29	
5	256QAM	25	0	18.28	18.32	18.29	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.40	23.30	23.33	24.7
3	QPSK	1	8	23.29	23.24	23.23	
3	QPSK	1	14	23.32	23.23	23.33	
3	QPSK	8	0	22.43	22.32	22.27	23.7
3	QPSK	8	4	22.36	22.26	22.19	
3	QPSK	8	7	22.43	22.32	22.24	
3	QPSK	15	0	22.50	22.44	22.32	
3	16QAM	1	0	22.73	22.66	22.59	23.7
3	16QAM	1	8	22.66	22.58	22.51	
3	16QAM	1	14	22.74	22.65	22.57	
3	16QAM	8	0	21.50	21.37	21.32	22.7
3	16QAM	8	4	21.46	21.32	21.27	
3	16QAM	8	7	21.45	21.32	21.26	
3	16QAM	15	0	21.47	21.38	21.29	
3	64QAM	1	0	21.69	21.53	21.51	22.7
3	64QAM	1	8	21.61	21.44	21.40	
3	64QAM	1	14	21.68	21.52	21.49	
3	64QAM	8	0	20.50	20.37	20.32	21.7
3	64QAM	8	4	20.46	20.32	20.28	
3	64QAM	8	7	20.50	20.40	20.36	
3	64QAM	15	0	20.43	20.32	20.25	
3	256QAM	1	0	18.48	18.42	18.42	19.7
3	256QAM	1	8	18.20	18.25	18.16	
3	256QAM	1	14	18.39	18.49	18.40	
3	256QAM	8	0	18.29	18.30	18.29	19.7
3	256QAM	8	4	18.32	18.35	18.30	
3	256QAM	8	7	18.29	18.35	18.29	
3	256QAM	15	0	18.29	18.31	18.29	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.40	23.35	23.25	24.7
1.4	QPSK	1	3	23.32	23.27	23.14	
1.4	QPSK	1	5	23.37	23.29	23.18	
1.4	QPSK	3	0	23.31	23.25	23.20	
1.4	QPSK	3	1	23.19	23.13	23.07	
1.4	QPSK	3	3	23.32	23.26	23.18	
1.4	QPSK	6	0	22.37	22.33	22.22	23.7
1.4	16QAM	1	0	22.66	22.62	22.55	23.7
1.4	16QAM	1	3	22.55	22.52	22.46	
1.4	16QAM	1	5	22.66	22.58	22.54	
1.4	16QAM	3	0	22.32	22.26	22.20	
1.4	16QAM	3	1	22.36	22.31	22.26	

1.4	16QAM	3	3	22.32	22.27	22.19	
1.4	16QAM	6	0	21.43	21.36	21.27	22.7
1.4	64QAM	1	0	21.60	21.47	21.43	22.7
1.4	64QAM	1	3	21.46	21.29	21.27	
1.4	64QAM	1	5	21.61	21.45	21.41	
1.4	64QAM	3	0	21.45	21.33	21.27	
1.4	64QAM	3	1	21.49	21.37	21.30	
1.4	64QAM	3	3	21.50	21.38	21.34	
1.4	64QAM	6	0	20.35	20.29	20.21	21.7
1.4	256QAM	1	0	18.49	18.42	18.39	19.7
1.4	256QAM	1	3	18.19	18.24	18.19	
1.4	256QAM	1	5	18.37	18.41	18.35	
1.4	256QAM	3	0	18.31	18.38	18.33	
1.4	256QAM	3	1	18.31	18.37	18.35	
1.4	256QAM	3	3	18.35	18.40	18.38	
1.4	256QAM	6	0	18.30	18.34	18.30	19.7

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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	17.99	18.00	17.79	19.7
20	QPSK	1	49	17.88	17.87	17.72	
20	QPSK	1	99	17.77	17.77	17.70	
20	QPSK	50	0	17.97	17.98	17.78	19.7
20	QPSK	50	24	17.92	17.89	17.72	
20	QPSK	50	50	17.87	17.87	17.70	
20	QPSK	100	0	17.92	17.93	17.74	
20	16QAM	1	0	18.35	18.28	18.13	19.7
20	16QAM	1	49	18.22	18.21	17.99	
20	16QAM	1	99	18.12	18.17	17.97	
20	16QAM	50	0	18.00	17.97	17.77	19.7
20	16QAM	50	24	17.93	17.92	17.73	
20	16QAM	50	50	17.87	17.87	17.72	
20	16QAM	100	0	17.95	17.94	17.76	
20	64QAM	1	0	18.19	18.16	18.02	19.7
20	64QAM	1	49	18.11	18.12	17.93	
20	64QAM	1	99	17.98	18.03	17.87	
20	64QAM	50	0	18.02	18.01	17.82	19.7
20	64QAM	50	24	17.97	17.97	17.78	
20	64QAM	50	50	17.91	17.90	17.73	
20	64QAM	100	0	17.96	17.95	17.75	
20	256QAM	1	0	17.82	17.78	17.64	19.5
20	256QAM	1	49	17.61	17.58	17.50	
20	256QAM	1	99	17.81	17.60	17.62	
20	256QAM	50	0	17.61	17.75	17.51	19.5
20	256QAM	50	24	17.67	17.75	17.55	
20	256QAM	50	50	17.57	17.55	17.50	
20	256QAM	100	0	17.65	17.61	17.51	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.93	17.98	17.76	19.7
15	QPSK	1	37	17.83	17.85	17.69	
15	QPSK	1	74	17.72	17.72	17.66	
15	QPSK	36	0	17.95	17.93	17.76	19.7
15	QPSK	36	20	17.90	17.87	17.66	
15	QPSK	36	39	17.81	17.84	17.66	
15	QPSK	75	0	17.89	17.91	17.71	
15	16QAM	1	0	18.29	18.26	18.10	19.7

15	16QAM	1	37	18.16	18.17	17.93	
15	16QAM	1	74	18.09	18.15	17.94	
15	16QAM	36	0	17.97	17.94	17.74	19.7
15	16QAM	36	20	17.89	17.90	17.71	
15	16QAM	36	39	17.84	17.83	17.68	
15	16QAM	75	0	17.93	17.92	17.70	
15	64QAM	1	0	18.15	18.11	17.98	19.7
15	64QAM	1	37	18.07	18.06	17.88	
15	64QAM	1	74	17.94	18.01	17.84	
15	64QAM	36	0	17.96	17.99	17.80	19.7
15	64QAM	36	20	17.93	17.91	17.74	
15	64QAM	36	39	17.85	17.88	17.70	
15	64QAM	75	0	17.93	17.93	17.73	
15	256QAM	1	0	17.77	17.75	17.60	19.5
15	256QAM	1	37	17.57	17.52	17.47	
15	256QAM	1	74	17.77	17.54	17.58	
15	256QAM	36	0	17.55	17.69	17.48	19.5
15	256QAM	36	20	17.64	17.72	17.49	
15	256QAM	36	39	17.55	17.50	17.44	
15	256QAM	75	0	17.62	17.58	17.46	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.97	17.96	17.73	19.7
10	QPSK	1	25	17.84	17.83	17.67	
10	QPSK	1	49	17.73	17.72	17.65	
10	QPSK	25	0	17.93	17.96	17.74	19.7
10	QPSK	25	12	17.89	17.85	17.68	
10	QPSK	25	25	17.82	17.82	17.66	
10	QPSK	50	0	17.88	17.89	17.71	
10	16QAM	1	0	18.30	18.23	18.10	19.7
10	16QAM	1	25	18.20	18.19	17.95	
10	16QAM	1	49	18.07	18.11	17.94	
10	16QAM	25	0	17.96	17.91	17.72	19.7
10	16QAM	25	12	17.87	17.89	17.69	
10	16QAM	25	25	17.85	17.84	17.66	
10	16QAM	50	0	17.89	17.90	17.74	
10	64QAM	1	0	18.13	18.11	17.96	19.7
10	64QAM	1	25	18.08	18.09	17.88	
10	64QAM	1	49	17.95	17.99	17.85	
10	64QAM	25	0	17.97	17.98	17.76	19.7
10	64QAM	25	12	17.95	17.91	17.76	
10	64QAM	25	25	17.87	17.84	17.68	
10	64QAM	50	0	17.94	17.91	17.71	
10	256QAM	1	0	17.76	17.74	17.62	19.5
10	256QAM	1	25	17.58	17.56	17.46	
10	256QAM	1	49	17.76	17.55	17.57	
10	256QAM	25	0	17.56	17.69	17.46	19.5
10	256QAM	25	12	17.61	17.69	17.53	
10	256QAM	25	25	17.54	17.51	17.46	
10	256QAM	50	0	17.63	17.59	17.49	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.96	17.98	17.74	19.7
5	QPSK	1	12	17.85	17.84	17.69	
5	QPSK	1	24	17.75	17.71	17.64	
5	QPSK	12	0	17.95	17.96	17.72	19.7
5	QPSK	12	7	17.88	17.83	17.68	
5	QPSK	12	13	17.84	17.84	17.68	
5	QPSK	25	0	17.87	17.91	17.71	
5	16QAM	1	0	18.31	18.25	18.09	19.7
5	16QAM	1	12	18.20	18.15	17.96	
5	16QAM	1	24	18.07	18.12	17.91	
5	16QAM	12	0	17.98	17.95	17.75	19.7

5	16QAM	12	7	17.89	17.88	17.71	
5	16QAM	12	13	17.83	17.82	17.66	
5	16QAM	25	0	17.90	17.92	17.70	
5	64QAM	1	0	18.15	18.11	17.97	19.7
5	64QAM	1	12	18.05	18.08	17.88	
5	64QAM	1	24	17.92	17.98	17.82	
5	64QAM	12	0	17.98	17.97	17.78	19.7
5	64QAM	12	7	17.94	17.91	17.76	
5	64QAM	12	13	17.85	17.88	17.67	
5	64QAM	25	0	17.93	17.90	17.73	
5	256QAM	1	0	17.79	17.74	17.60	19.5
5	256QAM	1	12	17.56	17.55	17.44	
5	256QAM	1	24	17.78	17.55	17.57	
5	256QAM	12	0	17.59	17.70	17.46	19.5
5	256QAM	12	7	17.61	17.69	17.50	
5	256QAM	12	13	17.53	17.52	17.45	
5	256QAM	25	0	17.59	17.59	17.45	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.97	17.96	17.76	19.7
3	QPSK	1	8	17.86	17.81	17.68	
3	QPSK	1	14	17.74	17.71	17.66	
3	QPSK	8	0	17.95	17.94	17.76	19.7
3	QPSK	8	4	17.86	17.86	17.69	
3	QPSK	8	7	17.82	17.85	17.66	
3	QPSK	15	0	17.86	17.91	17.68	
3	16QAM	1	0	18.32	18.26	18.07	19.7
3	16QAM	1	8	18.16	18.17	17.97	
3	16QAM	1	14	18.07	18.13	17.93	
3	16QAM	8	0	17.94	17.94	17.72	19.7
3	16QAM	8	4	17.88	17.87	17.69	
3	16QAM	8	7	17.83	17.84	17.66	
3	16QAM	15	0	17.92	17.90	17.74	
3	64QAM	1	0	18.13	18.10	17.96	19.7
3	64QAM	1	8	18.08	18.06	17.90	
3	64QAM	1	14	17.96	17.99	17.81	
3	64QAM	8	0	18.00	17.95	17.80	19.7
3	64QAM	8	4	17.95	17.95	17.74	
3	64QAM	8	7	17.86	17.86	17.67	
3	64QAM	15	0	17.94	17.92	17.70	
3	256QAM	1	0	17.76	17.72	17.62	19.5
3	256QAM	1	8	17.55	17.55	17.48	
3	256QAM	1	14	17.75	17.55	17.56	
3	256QAM	8	0	17.55	17.69	17.46	19.5
3	256QAM	8	4	17.64	17.69	17.51	
3	256QAM	8	7	17.55	17.51	17.48	
3	256QAM	15	0	17.60	17.56	17.48	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.81	17.78	17.58	19.7
1.4	QPSK	1	3	17.73	17.77	17.59	
1.4	QPSK	1	5	17.71	17.71	17.58	
1.4	QPSK	3	0	17.70	17.68	17.57	
1.4	QPSK	3	1	17.59	17.57	17.50	
1.4	QPSK	3	3	17.70	17.71	17.58	
1.4	QPSK	6	0	17.70	17.70	17.58	19.7
1.4	16QAM	1	0	18.09	18.07	17.93	19.7
1.4	16QAM	1	3	17.85	17.81	17.70	
1.4	16QAM	1	5	18.09	18.02	17.97	
1.4	16QAM	3	0	17.74	17.70	17.59	
1.4	16QAM	3	1	17.81	17.78	17.66	
1.4	16QAM	3	3	17.73	17.68	17.57	
1.4	16QAM	6	0	17.81	17.77	17.66	19.7

1.4	64QAM	1	0	17.99	17.93	17.82	19.7
1.4	64QAM	1	3	17.77	17.70	17.62	
1.4	64QAM	1	5	18.01	17.93	17.81	
1.4	64QAM	3	0	17.81	17.78	17.65	
1.4	64QAM	3	1	17.88	17.86	17.71	
1.4	64QAM	3	3	17.87	17.86	17.71	
1.4	64QAM	6	0	17.72	17.71	17.59	19.7
1.4	256QAM	1	0	17.83	17.87	17.62	19.5
1.4	256QAM	1	3	17.70	17.70	17.57	
1.4	256QAM	1	5	17.75	17.72	17.77	
1.4	256QAM	3	0	17.81	17.66	17.57	
1.4	256QAM	3	1	17.68	17.63	17.67	
1.4	256QAM	3	3	17.66	17.70	17.59	
1.4	256QAM	6	0	17.68	17.74	17.51	19.5

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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	23.43	23.44	23.43	24.7
20	QPSK	1	49	23.28	23.30	23.27	
20	QPSK	1	99	23.22	23.20	23.21	
20	QPSK	50	0	22.40	22.41	22.39	23.7
20	QPSK	50	24	22.35	22.32	22.34	
20	QPSK	50	50	22.30	22.27	22.29	
20	QPSK	100	0	22.36	22.37	22.34	
20	16QAM	1	0	22.70	22.66	22.68	23.7
20	16QAM	1	49	22.65	22.59	22.61	
20	16QAM	1	99	22.50	22.55	22.52	
20	16QAM	50	0	21.40	21.34	21.38	22.7
20	16QAM	50	24	21.34	21.32	21.36	
20	16QAM	50	50	21.30	21.29	21.32	
20	16QAM	100	0	21.36	21.34	21.37	
20	64QAM	1	0	21.62	21.55	21.61	22.7
20	64QAM	1	49	21.56	21.53	21.56	
20	64QAM	1	99	21.40	21.44	21.43	
20	64QAM	50	0	20.44	20.38	20.43	21.7
20	64QAM	50	24	20.40	20.35	20.38	
20	64QAM	50	50	20.34	20.34	20.33	
20	64QAM	100	0	20.37	20.35	20.38	
20	256QAM	1	0	18.53	18.48	18.50	19.7
20	256QAM	1	49	18.24	18.28	18.21	
20	256QAM	1	99	18.47	18.52	18.45	
20	256QAM	50	0	18.33	18.38	18.36	19.7
20	256QAM	50	24	18.36	18.39	18.37	
20	256QAM	50	50	18.33	18.40	18.33	
20	256QAM	100	0	18.32	18.39	18.34	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.42	23.43	23.43	24.7
15	QPSK	1	37	23.29	23.20	23.21	
15	QPSK	1	74	23.39	23.30	23.24	
15	QPSK	36	0	22.50	22.40	22.35	23.7
15	QPSK	36	20	22.48	22.36	22.32	
15	QPSK	36	39	22.45	22.34	22.30	
15	QPSK	75	0	22.46	22.37	22.32	
15	16QAM	1	0	22.82	22.70	22.70	23.7
15	16QAM	1	37	22.82	22.69	22.67	
15	16QAM	1	74	22.69	22.60	22.53	

15	16QAM	36	0	21.50	21.37	21.36	22.7
15	16QAM	36	20	21.46	21.34	21.33	
15	16QAM	36	39	21.43	21.34	21.32	
15	16QAM	75	0	21.48	21.35	21.36	
15	64QAM	1	0	21.70	21.57	21.60	22.7
15	64QAM	1	37	21.79	21.65	21.64	
15	64QAM	1	74	21.56	21.49	21.45	
15	64QAM	36	0	20.54	20.39	20.40	21.7
15	64QAM	36	20	20.49	20.36	20.36	
15	64QAM	36	39	20.46	20.34	20.34	
15	64QAM	75	0	20.48	20.36	20.34	
15	256QAM	1	0	18.45	18.42	18.42	19.7
15	256QAM	1	37	18.18	18.23	18.17	
15	256QAM	1	74	18.43	18.46	18.39	
15	256QAM	36	0	18.30	18.32	18.30	19.7
15	256QAM	36	20	18.28	18.31	18.34	
15	256QAM	36	39	18.28	18.34	18.30	
15	256QAM	75	0	18.28	18.34	18.30	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.40	23.38	23.29	24.7
10	QPSK	1	25	23.35	23.34	23.22	
10	QPSK	1	49	23.35	23.30	23.19	
10	QPSK	25	0	22.46	22.38	22.31	23.7
10	QPSK	25	12	22.43	22.37	22.28	
10	QPSK	25	25	22.42	22.35	22.25	
10	QPSK	50	0	22.45	22.39	22.29	
10	16QAM	1	0	22.64	22.64	22.56	23.7
10	16QAM	1	25	22.63	22.59	22.51	
10	16QAM	1	49	22.65	22.57	22.51	
10	16QAM	25	0	21.47	21.37	21.29	22.7
10	16QAM	25	12	21.44	21.35	21.27	
10	16QAM	25	25	21.41	21.33	21.23	
10	16QAM	50	0	21.44	21.32	21.25	
10	64QAM	1	0	21.58	21.50	21.44	22.7
10	64QAM	1	25	21.53	21.38	21.33	
10	64QAM	1	49	21.57	21.44	21.38	
10	64QAM	25	0	20.46	20.36	20.30	21.7
10	64QAM	25	12	20.43	20.34	20.27	
10	64QAM	25	25	20.41	20.32	20.26	
10	64QAM	50	0	20.46	20.37	20.31	
10	256QAM	1	0	18.47	18.41	18.42	19.7
10	256QAM	1	25	18.19	18.23	18.17	
10	256QAM	1	49	18.40	18.48	18.37	
10	256QAM	25	0	18.28	18.33	18.32	19.7
10	256QAM	25	12	18.31	18.35	18.31	
10	256QAM	25	25	18.25	18.35	18.27	
10	256QAM	50	0	18.27	18.31	18.29	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.42	23.32	23.39	24.7
5	QPSK	1	12	23.33	23.24	23.27	
5	QPSK	1	24	23.36	23.27	23.29	
5	QPSK	12	0	22.44	22.34	22.27	23.7
5	QPSK	12	7	22.42	22.30	22.25	
5	QPSK	12	13	22.42	22.31	22.26	
5	QPSK	25	0	22.43	22.37	22.28	
5	16QAM	1	0	22.73	22.71	22.65	23.7
5	16QAM	1	12	22.70	22.66	22.60	
5	16QAM	1	24	22.69	22.62	22.56	
5	16QAM	12	0	21.43	21.31	21.27	22.7
5	16QAM	12	7	21.46	21.34	21.29	
5	16QAM	12	13	21.44	21.29	21.24	

5	16QAM	25	0	21.40	21.30	21.24	
5	64QAM	1	0	21.69	21.57	21.54	22.7
5	64QAM	1	12	21.77	21.63	21.61	
5	64QAM	1	24	21.65	21.51	21.47	
5	64QAM	12	0	20.47	20.37	20.33	21.7
5	64QAM	12	7	20.49	20.36	20.32	
5	64QAM	12	13	20.47	20.34	20.30	
5	64QAM	25	0	20.43	20.31	20.26	
5	256QAM	1	0	18.48	18.40	18.42	19.7
5	256QAM	1	12	18.16	18.24	18.13	
5	256QAM	1	24	18.42	18.44	18.42	
5	256QAM	12	0	18.25	18.32	18.31	19.7
5	256QAM	12	7	18.30	18.34	18.31	
5	256QAM	12	13	18.27	18.35	18.29	
5	256QAM	25	0	18.28	18.32	18.29	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.40	23.30	23.33	24.7
3	QPSK	1	8	23.29	23.24	23.23	
3	QPSK	1	14	23.32	23.23	23.33	
3	QPSK	8	0	22.43	22.32	22.27	23.7
3	QPSK	8	4	22.36	22.26	22.19	
3	QPSK	8	7	22.43	22.32	22.24	
3	QPSK	15	0	22.50	22.44	22.32	
3	16QAM	1	0	22.73	22.66	22.59	23.7
3	16QAM	1	8	22.66	22.58	22.51	
3	16QAM	1	14	22.74	22.65	22.57	
3	16QAM	8	0	21.50	21.37	21.32	22.7
3	16QAM	8	4	21.46	21.32	21.27	
3	16QAM	8	7	21.45	21.32	21.26	
3	16QAM	15	0	21.47	21.38	21.29	
3	64QAM	1	0	21.69	21.53	21.51	22.7
3	64QAM	1	8	21.61	21.44	21.40	
3	64QAM	1	14	21.68	21.52	21.49	
3	64QAM	8	0	20.50	20.37	20.32	21.7
3	64QAM	8	4	20.46	20.32	20.28	
3	64QAM	8	7	20.50	20.40	20.36	
3	64QAM	15	0	20.43	20.32	20.25	
3	256QAM	1	0	18.48	18.42	18.42	19.7
3	256QAM	1	8	18.20	18.25	18.16	
3	256QAM	1	14	18.39	18.49	18.40	
3	256QAM	8	0	18.29	18.30	18.29	19.7
3	256QAM	8	4	18.32	18.35	18.30	
3	256QAM	8	7	18.29	18.35	18.29	
3	256QAM	15	0	18.29	18.31	18.29	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.40	23.35	23.25	24.7
1.4	QPSK	1	3	23.32	23.27	23.14	
1.4	QPSK	1	5	23.37	23.29	23.18	
1.4	QPSK	3	0	23.31	23.25	23.20	
1.4	QPSK	3	1	23.19	23.13	23.07	
1.4	QPSK	3	3	23.32	23.26	23.18	
1.4	QPSK	6	0	22.37	22.33	22.22	23.7
1.4	16QAM	1	0	22.66	22.62	22.55	23.7
1.4	16QAM	1	3	22.55	22.52	22.46	
1.4	16QAM	1	5	22.66	22.58	22.54	
1.4	16QAM	3	0	22.32	22.26	22.20	
1.4	16QAM	3	1	22.36	22.31	22.26	
1.4	16QAM	3	3	22.32	22.27	22.19	
1.4	16QAM	6	0	21.43	21.36	21.27	22.7
1.4	64QAM	1	0	21.60	21.47	21.43	22.7
1.4	64QAM	1	3	21.46	21.29	21.27	

1.4	64QAM	1	5	21.61	21.45	21.41	
1.4	64QAM	3	0	21.45	21.33	21.27	
1.4	64QAM	3	1	21.49	21.37	21.30	
1.4	64QAM	3	3	21.50	21.38	21.34	
1.4	64QAM	6	0	20.35	20.29	20.21	21.7
1.4	256QAM	1	0	18.49	18.42	18.39	19.7
1.4	256QAM	1	3	18.19	18.24	18.19	
1.4	256QAM	1	5	18.37	18.41	18.35	
1.4	256QAM	3	0	18.31	18.38	18.33	
1.4	256QAM	3	1	18.31	18.37	18.35	
1.4	256QAM	3	3	18.35	18.40	18.38	
1.4	256QAM	6	0	18.30	18.34	18.30	19.7

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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	17.99	18.00	17.79	19
20	QPSK	1	49	17.88	17.87	17.72	
20	QPSK	1	99	17.77	17.77	17.70	
20	QPSK	50	0	17.97	17.98	17.78	19
20	QPSK	50	24	17.92	17.89	17.72	
20	QPSK	50	50	17.87	17.87	17.70	
20	QPSK	100	0	17.92	17.93	17.74	
20	16QAM	1	0	18.35	18.28	18.13	19
20	16QAM	1	49	18.22	18.21	17.99	
20	16QAM	1	99	18.12	18.17	17.97	
20	16QAM	50	0	18.00	17.97	17.77	19
20	16QAM	50	24	17.93	17.92	17.73	
20	16QAM	50	50	17.87	17.87	17.72	
20	16QAM	100	0	17.95	17.94	17.76	
20	64QAM	1	0	18.19	18.16	18.02	19
20	64QAM	1	49	18.11	18.12	17.93	
20	64QAM	1	99	17.98	18.03	17.87	
20	64QAM	50	0	18.02	18.01	17.82	19
20	64QAM	50	24	17.97	17.97	17.78	
20	64QAM	50	50	17.91	17.90	17.73	
20	64QAM	100	0	17.96	17.95	17.75	
20	256QAM	1	0	17.82	17.78	17.64	19
20	256QAM	1	49	17.61	17.58	17.50	
20	256QAM	1	99	17.81	17.60	17.62	
20	256QAM	50	0	17.61	17.75	17.51	19
20	256QAM	50	24	17.67	17.75	17.55	
20	256QAM	50	50	17.57	17.55	17.50	
20	256QAM	100	0	17.65	17.61	17.51	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.93	17.98	17.76	19
15	QPSK	1	37	17.83	17.85	17.69	
15	QPSK	1	74	17.72	17.72	17.66	
15	QPSK	36	0	17.95	17.93	17.76	19
15	QPSK	36	20	17.90	17.87	17.66	
15	QPSK	36	39	17.81	17.84	17.66	
15	QPSK	75	0	17.89	17.91	17.71	
15	16QAM	1	0	18.29	18.26	18.10	19
15	16QAM	1	37	18.16	18.17	17.93	
15	16QAM	1	74	18.09	18.15	17.94	
15	16QAM	36	0	17.97	17.94	17.74	19
15	16QAM	36	20	17.89	17.90	17.71	

15	16QAM	36	39	17.84	17.83	17.68	
15	16QAM	75	0	17.93	17.92	17.70	
15	64QAM	1	0	18.15	18.11	17.98	19
15	64QAM	1	37	18.07	18.06	17.88	
15	64QAM	1	74	17.94	18.01	17.84	
15	64QAM	36	0	17.96	17.99	17.80	19
15	64QAM	36	20	17.93	17.91	17.74	
15	64QAM	36	39	17.85	17.88	17.70	
15	64QAM	75	0	17.93	17.93	17.73	
15	256QAM	1	0	17.77	17.75	17.60	19
15	256QAM	1	37	17.57	17.52	17.47	
15	256QAM	1	74	17.77	17.54	17.58	
15	256QAM	36	0	17.55	17.69	17.48	19
15	256QAM	36	20	17.64	17.72	17.49	
15	256QAM	36	39	17.55	17.50	17.44	
15	256QAM	75	0	17.62	17.58	17.46	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.97	17.96	17.73	19
10	QPSK	1	25	17.84	17.83	17.67	
10	QPSK	1	49	17.73	17.72	17.65	
10	QPSK	25	0	17.93	17.96	17.74	19
10	QPSK	25	12	17.89	17.85	17.68	
10	QPSK	25	25	17.82	17.82	17.66	
10	QPSK	50	0	17.88	17.89	17.71	
10	16QAM	1	0	18.30	18.23	18.10	19
10	16QAM	1	25	18.20	18.19	17.95	
10	16QAM	1	49	18.07	18.11	17.94	
10	16QAM	25	0	17.96	17.91	17.72	19
10	16QAM	25	12	17.87	17.89	17.69	
10	16QAM	25	25	17.85	17.84	17.66	
10	16QAM	50	0	17.89	17.90	17.74	
10	64QAM	1	0	18.13	18.11	17.96	19
10	64QAM	1	25	18.08	18.09	17.88	
10	64QAM	1	49	17.95	17.99	17.85	
10	64QAM	25	0	17.97	17.98	17.76	19
10	64QAM	25	12	17.95	17.91	17.76	
10	64QAM	25	25	17.87	17.84	17.68	
10	64QAM	50	0	17.94	17.91	17.71	
10	256QAM	1	0	17.76	17.74	17.62	19
10	256QAM	1	25	17.58	17.56	17.46	
10	256QAM	1	49	17.76	17.55	17.57	
10	256QAM	25	0	17.56	17.69	17.46	19
10	256QAM	25	12	17.61	17.69	17.53	
10	256QAM	25	25	17.54	17.51	17.46	
10	256QAM	50	0	17.63	17.59	17.49	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.96	17.98	17.74	19
5	QPSK	1	12	17.85	17.84	17.69	
5	QPSK	1	24	17.75	17.71	17.64	
5	QPSK	12	0	17.95	17.96	17.72	19
5	QPSK	12	7	17.88	17.83	17.68	
5	QPSK	12	13	17.84	17.84	17.68	
5	QPSK	25	0	17.87	17.91	17.71	
5	16QAM	1	0	18.31	18.25	18.09	19
5	16QAM	1	12	18.20	18.15	17.96	
5	16QAM	1	24	18.07	18.12	17.91	
5	16QAM	12	0	17.98	17.95	17.75	19
5	16QAM	12	7	17.89	17.88	17.71	
5	16QAM	12	13	17.83	17.82	17.66	
5	16QAM	25	0	17.90	17.92	17.70	
5	64QAM	1	0	18.15	18.11	17.97	19

5	64QAM	1	12	18.05	18.08	17.88	
5	64QAM	1	24	17.92	17.98	17.82	
5	64QAM	12	0	17.98	17.97	17.78	19
5	64QAM	12	7	17.94	17.91	17.76	
5	64QAM	12	13	17.85	17.88	17.67	
5	64QAM	25	0	17.93	17.90	17.73	
5	256QAM	1	0	17.79	17.74	17.60	19
5	256QAM	1	12	17.56	17.55	17.44	
5	256QAM	1	24	17.78	17.55	17.57	
5	256QAM	12	0	17.59	17.70	17.46	19
5	256QAM	12	7	17.61	17.69	17.50	
5	256QAM	12	13	17.53	17.52	17.45	
5	256QAM	25	0	17.59	17.59	17.45	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.97	17.96	17.76	19
3	QPSK	1	8	17.86	17.81	17.68	
3	QPSK	1	14	17.74	17.71	17.66	
3	QPSK	8	0	17.95	17.94	17.76	19
3	QPSK	8	4	17.86	17.86	17.69	
3	QPSK	8	7	17.82	17.85	17.66	
3	QPSK	15	0	17.86	17.91	17.68	
3	16QAM	1	0	18.32	18.26	18.07	19
3	16QAM	1	8	18.16	18.17	17.97	
3	16QAM	1	14	18.07	18.13	17.93	
3	16QAM	8	0	17.94	17.94	17.72	19
3	16QAM	8	4	17.88	17.87	17.69	
3	16QAM	8	7	17.83	17.84	17.66	
3	16QAM	15	0	17.92	17.90	17.74	
3	64QAM	1	0	18.13	18.10	17.96	19
3	64QAM	1	8	18.08	18.06	17.90	
3	64QAM	1	14	17.96	17.99	17.81	
3	64QAM	8	0	18.00	17.95	17.80	19
3	64QAM	8	4	17.95	17.95	17.74	
3	64QAM	8	7	17.86	17.86	17.67	
3	64QAM	15	0	17.94	17.92	17.70	
3	256QAM	1	0	17.76	17.72	17.62	19
3	256QAM	1	8	17.55	17.55	17.48	
3	256QAM	1	14	17.75	17.55	17.56	
3	256QAM	8	0	17.55	17.69	17.46	19
3	256QAM	8	4	17.64	17.69	17.51	
3	256QAM	8	7	17.55	17.51	17.48	
3	256QAM	15	0	17.60	17.56	17.48	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.81	17.78	17.58	19
1.4	QPSK	1	3	17.73	17.77	17.59	
1.4	QPSK	1	5	17.71	17.71	17.58	
1.4	QPSK	3	0	17.70	17.68	17.57	
1.4	QPSK	3	1	17.59	17.57	17.50	
1.4	QPSK	3	3	17.70	17.71	17.58	
1.4	QPSK	6	0	17.70	17.70	17.58	19
1.4	16QAM	1	0	18.09	18.07	17.93	19
1.4	16QAM	1	3	17.85	17.81	17.70	
1.4	16QAM	1	5	18.09	18.02	17.97	
1.4	16QAM	3	0	17.74	17.70	17.59	
1.4	16QAM	3	1	17.81	17.78	17.66	
1.4	16QAM	3	3	17.73	17.68	17.57	
1.4	16QAM	6	0	17.81	17.77	17.66	19
1.4	64QAM	1	0	17.99	17.93	17.82	19
1.4	64QAM	1	3	17.77	17.70	17.62	
1.4	64QAM	1	5	18.01	17.93	17.81	
1.4	64QAM	3	0	17.81	17.78	17.65	

1.4	64QAM	3	1	17.88	17.86	17.71	
1.4	64QAM	3	3	17.87	17.86	17.71	
1.4	64QAM	6	0	17.72	17.71	17.59	19
1.4	256QAM	1	0	17.83	17.87	17.62	19
1.4	256QAM	1	3	17.70	17.70	17.57	
1.4	256QAM	1	5	17.75	17.72	17.77	
1.4	256QAM	3	0	17.81	17.66	17.57	
1.4	256QAM	3	1	17.68	17.63	17.67	
1.4	256QAM	3	3	17.66	17.70	17.59	
1.4	256QAM	6	0	17.68	17.74	17.51	19

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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	16.50	16.58	16.55	18.2
20	QPSK	1	49	16.44	16.46	16.45	
20	QPSK	1	99	16.40	16.43	16.41	
20	QPSK	50	0	16.50	16.52	16.49	18.2
20	QPSK	50	24	16.45	16.42	16.43	
20	QPSK	50	50	16.43	16.42	16.40	
20	QPSK	100	0	16.45	16.47	16.44	
20	16QAM	1	0	16.80	16.84	16.78	18.2
20	16QAM	1	49	16.73	16.69	16.71	
20	16QAM	1	99	16.62	16.67	16.61	
20	16QAM	50	0	16.52	16.46	16.48	18.2
20	16QAM	50	24	16.45	16.42	16.42	
20	16QAM	50	50	16.40	16.42	16.44	
20	16QAM	100	0	16.45	16.42	16.43	
20	64QAM	1	0	16.72	16.64	16.68	18.2
20	64QAM	1	49	16.66	16.59	16.62	
20	64QAM	1	99	16.51	16.56	16.52	
20	64QAM	50	0	16.53	16.48	16.49	18.2
20	64QAM	50	24	16.48	16.46	16.46	
20	64QAM	50	50	16.43	16.40	16.40	
20	64QAM	100	0	16.46	16.43	16.43	
20	256QAM	1	0	16.64	16.60	16.65	18.2
20	256QAM	1	49	16.59	16.52	16.61	
20	256QAM	1	99	16.41	16.53	16.49	
20	256QAM	50	0	16.44	16.44	16.39	18.2
20	256QAM	50	24	16.46	16.42	16.41	
20	256QAM	50	50	16.41	16.38	16.39	
20	256QAM	100	0	16.40	16.40	16.38	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.47	16.57	16.46	18.2
15	QPSK	1	37	16.40	16.44	16.44	
15	QPSK	1	74	16.31	16.37	16.40	
15	QPSK	36	0	16.40	16.42	16.39	18.2
15	QPSK	36	20	16.41	16.36	16.37	
15	QPSK	36	39	16.34	16.37	16.33	
15	QPSK	75	0	16.41	16.46	16.34	
15	16QAM	1	0	16.74	16.82	16.76	18.2
15	16QAM	1	37	16.69	16.67	16.69	
15	16QAM	1	74	16.59	16.57	16.51	
15	16QAM	36	0	16.48	16.41	16.42	18.2
15	16QAM	36	20	16.37	16.36	16.32	
15	16QAM	36	39	16.38	16.36	16.41	
15	16QAM	75	0	16.42	16.33	16.39	

15	64QAM	1	0	16.67	16.55	16.62	18.2
15	64QAM	1	37	16.62	16.57	16.58	
15	64QAM	1	74	16.50	16.53	16.42	
15	64QAM	36	0	16.47	16.43	16.47	18.2
15	64QAM	36	20	16.43	16.43	16.43	
15	64QAM	36	39	16.35	16.34	16.35	
15	64QAM	75	0	16.41	16.37	16.34	
15	256QAM	1	0	16.61	16.58	16.61	18.2
15	256QAM	1	37	16.56	16.42	16.60	
15	256QAM	1	74	16.31	16.52	16.43	
15	256QAM	36	0	16.35	16.39	16.32	18.2
15	256QAM	36	20	16.39	16.35	16.33	
15	256QAM	36	39	16.34	16.32	16.36	
15	256QAM	75	0	16.31	16.32	16.32	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.49	16.52	16.45	18.2
10	QPSK	1	25	16.41	16.41	16.36	
10	QPSK	1	49	16.36	16.33	16.33	
10	QPSK	25	0	16.48	16.49	16.43	18.2
10	QPSK	25	12	16.39	16.38	16.35	
10	QPSK	25	25	16.41	16.33	16.30	
10	QPSK	50	0	16.39	16.45	16.39	
10	16QAM	1	0	16.70	16.74	16.77	18.2
10	16QAM	1	25	16.69	16.61	16.63	
10	16QAM	1	49	16.61	16.63	16.51	
10	16QAM	25	0	16.51	16.41	16.47	18.2
10	16QAM	25	12	16.35	16.34	16.38	
10	16QAM	25	25	16.36	16.33	16.41	
10	16QAM	50	0	16.41	16.39	16.37	
10	64QAM	1	0	16.63	16.57	16.67	18.2
10	64QAM	1	25	16.63	16.53	16.55	
10	64QAM	1	49	16.41	16.49	16.46	
10	64QAM	25	0	16.51	16.39	16.42	18.2
10	64QAM	25	12	16.44	16.45	16.45	
10	64QAM	25	25	16.37	16.31	16.37	
10	64QAM	50	0	16.36	16.42	16.36	
10	256QAM	1	0	16.54	16.50	16.61	18.2
10	256QAM	1	25	16.53	16.46	16.52	
10	256QAM	1	49	16.36	16.51	16.43	
10	256QAM	25	0	16.36	16.34	16.34	18.2
10	256QAM	25	12	16.38	16.41	16.35	
10	256QAM	25	25	16.33	16.37	16.37	
10	256QAM	50	0	16.36	16.33	16.36	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.55	16.54	16.47	18.2
5	QPSK	1	12	16.38	16.42	16.43	
5	QPSK	1	24	16.33	16.38	16.37	
5	QPSK	12	0	16.45	16.49	16.39	18.2
5	QPSK	12	7	16.39	16.35	16.35	
5	QPSK	12	13	16.35	16.32	16.36	
5	QPSK	25	0	16.36	16.44	16.40	
5	16QAM	1	0	16.76	16.81	16.73	18.2
5	16QAM	1	12	16.68	16.67	16.66	
5	16QAM	1	24	16.55	16.66	16.57	
5	16QAM	12	0	16.44	16.43	16.42	18.2
5	16QAM	12	7	16.44	16.39	16.35	
5	16QAM	12	13	16.30	16.32	16.41	
5	16QAM	25	0	16.40	16.32	16.41	
5	64QAM	1	0	16.70	16.63	16.61	18.2
5	64QAM	1	12	16.65	16.56	16.58	
5	64QAM	1	24	16.43	16.48	16.50	

5	64QAM	12	0	16.47	16.42	16.45	18.2
5	64QAM	12	7	16.41	16.43	16.36	
5	64QAM	12	13	16.34	16.33	16.33	
5	64QAM	25	0	16.37	16.34	16.36	
5	256QAM	1	0	16.62	16.50	16.61	18.2
5	256QAM	1	12	16.52	16.50	16.55	
5	256QAM	1	24	16.35	16.51	16.43	
5	256QAM	12	0	16.37	16.34	16.37	18.2
5	256QAM	12	7	16.41	16.38	16.38	
5	256QAM	12	13	16.34	16.31	16.34	
5	256QAM	25	0	16.32	16.31	16.32	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.50	16.55	16.46	18.2
3	QPSK	1	8	16.37	16.44	16.42	
3	QPSK	1	14	16.34	16.36	16.36	
3	QPSK	8	0	16.49	16.49	16.48	18.2
3	QPSK	8	4	16.39	16.32	16.34	
3	QPSK	8	7	16.40	16.32	16.38	
3	QPSK	15	0	16.41	16.38	16.42	
3	16QAM	1	0	16.71	16.83	16.73	18.2
3	16QAM	1	8	16.63	16.64	16.70	
3	16QAM	1	14	16.60	16.64	16.51	
3	16QAM	8	0	16.49	16.40	16.45	18.2
3	16QAM	8	4	16.36	16.39	16.40	
3	16QAM	8	7	16.33	16.37	16.35	
3	16QAM	15	0	16.38	16.40	16.38	
3	64QAM	1	0	16.69	16.56	16.62	18.2
3	64QAM	1	8	16.56	16.56	16.54	
3	64QAM	1	14	16.46	16.55	16.50	
3	64QAM	8	0	16.45	16.42	16.41	18.2
3	64QAM	8	4	16.44	16.44	16.37	
3	64QAM	8	7	16.40	16.37	16.36	
3	64QAM	15	0	16.37	16.35	16.38	
3	256QAM	1	0	16.60	16.50	16.61	18.2
3	256QAM	1	8	16.57	16.42	16.55	
3	256QAM	1	14	16.35	16.47	16.48	
3	256QAM	8	0	16.41	16.38	16.31	18.2
3	256QAM	8	4	16.39	16.32	16.31	
3	256QAM	8	7	16.31	16.36	16.34	
3	256QAM	15	0	16.36	16.35	16.32	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.56	16.44	16.58	18.2
1.4	QPSK	1	3	16.46	16.41	16.53	
1.4	QPSK	1	5	16.45	16.43	16.57	
1.4	QPSK	3	0	16.48	16.52	16.41	
1.4	QPSK	3	1	16.41	16.53	16.40	
1.4	QPSK	3	3	16.46	16.52	16.51	
1.4	QPSK	6	0	16.45	16.55	16.51	18.2
1.4	16QAM	1	0	16.80	16.69	16.63	18.2
1.4	16QAM	1	3	16.70	16.56	16.52	
1.4	16QAM	1	5	16.78	16.70	16.62	
1.4	16QAM	3	0	16.45	16.53	16.50	
1.4	16QAM	3	1	16.48	16.40	16.42	
1.4	16QAM	3	3	16.42	16.52	16.51	
1.4	16QAM	6	0	16.52	16.40	16.57	18.2
1.4	64QAM	1	0	16.69	16.58	16.56	18.2
1.4	64QAM	1	3	16.49	16.41	16.43	
1.4	64QAM	1	5	16.68	16.57	16.52	
1.4	64QAM	3	0	16.53	16.41	16.44	
1.4	64QAM	3	1	16.57	16.45	16.42	
1.4	64QAM	3	3	16.59	16.48	16.43	

1.4	64QAM	6	0	16.43	16.53	16.52	18.2
1.4	256QAM	1	0	16.79	16.65	16.57	18.2
1.4	256QAM	1	3	16.61	16.49	16.44	
1.4	256QAM	1	5	16.69	16.62	16.61	
1.4	256QAM	3	0	16.41	16.52	16.51	
1.4	256QAM	3	1	16.40	16.51	16.53	
1.4	256QAM	3	3	16.44	16.53	16.50	
1.4	256QAM	6	0	16.42	16.53	16.55	18.2

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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	23.39	23.40	23.21	24.5
20	QPSK	1	49	23.16	23.28	22.94	
20	QPSK	1	99	23.22	23.17	23.04	
20	QPSK	50	0	22.37	22.37	22.17	23.5
20	QPSK	50	24	22.36	22.32	22.12	
20	QPSK	50	50	22.32	22.27	22.10	
20	QPSK	100	0	22.33	22.34	22.16	
20	16QAM	1	0	22.76	22.68	22.52	23.5
20	16QAM	1	49	22.66	22.61	22.44	
20	16QAM	1	99	22.53	22.60	22.39	
20	16QAM	50	0	21.40	21.36	21.16	22.5
20	16QAM	50	24	21.36	21.33	21.12	
20	16QAM	50	50	21.33	21.29	21.10	
20	16QAM	100	0	21.38	21.36	21.14	
20	64QAM	1	0	21.62	21.58	21.41	22.5
20	64QAM	1	49	21.59	21.56	21.35	
20	64QAM	1	99	21.38	21.44	21.25	
20	64QAM	50	0	20.45	20.41	20.22	21.5
20	64QAM	50	24	20.40	20.38	20.20	
20	64QAM	50	50	20.33	20.35	20.15	
20	64QAM	100	0	20.38	20.38	20.18	
20	256QAM	1	0	18.61	18.58	18.41	19.5
20	256QAM	1	49	18.32	18.29	18.12	
20	256QAM	1	99	18.52	18.49	18.32	
20	256QAM	50	0	18.49	18.46	18.29	19.5
20	256QAM	50	24	18.49	18.46	18.29	
20	256QAM	50	50	18.44	18.41	18.24	
20	256QAM	100	0	18.48	18.45	18.28	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.32	23.27	23.11	24.5
15	QPSK	1	37	23.06	22.99	22.82	
15	QPSK	1	74	23.23	23.14	22.98	
15	QPSK	36	0	22.33	22.27	22.08	23.5
15	QPSK	36	20	22.30	22.24	22.07	
15	QPSK	36	39	22.28	22.19	22.03	
15	QPSK	75	0	22.30	22.25	22.06	
15	16QAM	1	0	22.72	22.56	22.41	23.5
15	16QAM	1	37	22.65	22.58	22.39	
15	16QAM	1	74	22.51	22.53	22.31	
15	16QAM	36	0	21.32	21.26	21.06	22.5
15	16QAM	36	20	21.30	21.21	21.02	
15	16QAM	36	39	21.26	21.20	21.03	
15	16QAM	75	0	21.31	21.23	21.06	
15	64QAM	1	0	21.58	21.42	21.28	22.5
15	64QAM	1	37	21.64	21.56	21.36	

15	64QAM	1	74	21.40	21.38	21.21	
15	64QAM	36	0	20.37	20.29	20.10	21.5
15	64QAM	36	20	20.34	20.26	20.07	
15	64QAM	36	39	20.29	20.24	20.06	
15	64QAM	75	0	20.32	20.25	20.06	
15	256QAM	1	0	18.55	18.50	18.36	19.5
15	256QAM	1	37	18.27	18.24	18.10	
15	256QAM	1	74	18.44	18.44	18.25	
15	256QAM	36	0	18.47	18.46	18.19	19.5
15	256QAM	36	20	18.46	18.39	18.24	
15	256QAM	36	39	18.41	18.31	18.20	
15	256QAM	75	0	18.45	18.35	18.21	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.26	23.31	23.12	24.5
10	QPSK	1	25	23.28	23.20	23.04	
10	QPSK	1	49	23.26	23.18	23.07	
10	QPSK	25	0	22.34	22.27	22.11	23.5
10	QPSK	25	12	22.31	22.23	22.09	
10	QPSK	25	25	22.31	22.21	22.10	
10	QPSK	50	0	22.33	22.25	22.10	
10	16QAM	1	0	22.61	22.55	22.34	23.5
10	16QAM	1	25	22.61	22.50	22.33	
10	16QAM	1	49	22.55	22.51	22.35	
10	16QAM	25	0	21.35	21.24	21.11	22.5
10	16QAM	25	12	21.31	21.24	21.10	
10	16QAM	25	25	21.27	21.21	21.09	
10	16QAM	50	0	21.32	21.23	21.10	
10	64QAM	1	0	21.44	21.43	21.22	22.5
10	64QAM	1	25	21.41	21.35	21.17	
10	64QAM	1	49	21.40	21.37	21.19	
10	64QAM	25	0	20.35	20.26	20.11	21.5
10	64QAM	25	12	20.31	20.23	20.11	
10	64QAM	25	25	20.30	20.20	20.09	
10	64QAM	50	0	20.37	20.27	20.16	
10	256QAM	1	0	18.58	18.52	18.40	19.5
10	256QAM	1	25	18.30	18.21	18.07	
10	256QAM	1	49	18.48	18.47	18.23	
10	256QAM	25	0	18.42	18.36	18.28	19.5
10	256QAM	25	12	18.39	18.37	18.28	
10	256QAM	25	25	18.37	18.37	18.14	
10	256QAM	50	0	18.48	18.43	18.18	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.16	23.22	23.17	24.5
5	QPSK	1	12	23.20	23.20	23.04	
5	QPSK	1	24	23.23	23.27	23.08	
5	QPSK	12	0	22.27	22.24	22.10	23.5
5	QPSK	12	7	22.27	22.20	22.09	
5	QPSK	12	13	22.27	22.22	22.07	
5	QPSK	25	0	22.29	22.22	22.07	
5	16QAM	1	0	22.64	22.59	22.44	23.5
5	16QAM	1	12	22.65	22.60	22.46	
5	16QAM	1	24	22.58	22.54	22.35	
5	16QAM	12	0	21.30	21.25	21.07	22.5
5	16QAM	12	7	21.33	21.25	21.08	
5	16QAM	12	13	21.29	21.25	21.07	
5	16QAM	25	0	21.28	21.24	21.06	
5	64QAM	1	0	21.53	21.48	21.29	22.5
5	64QAM	1	12	21.64	21.59	21.39	
5	64QAM	1	24	21.49	21.42	21.25	
5	64QAM	12	0	20.40	20.28	20.15	21.5
5	64QAM	12	7	20.40	20.31	20.17	

5	64QAM	12	13	20.37	20.30	20.14	
5	64QAM	25	0	20.32	20.23	20.08	
5	256QAM	1	0	18.59	18.54	18.35	19.5
5	256QAM	1	12	18.32	18.20	18.04	
5	256QAM	1	24	18.50	18.41	18.28	
5	256QAM	12	0	18.44	18.42	18.20	19.5
5	256QAM	12	7	18.41	18.38	18.23	
5	256QAM	12	13	18.41	18.41	18.17	
5	256QAM	25	0	18.43	18.40	18.26	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.25	23.20	23.15	24.5
3	QPSK	1	8	23.28	23.11	22.95	
3	QPSK	1	14	23.27	23.15	22.98	
3	QPSK	8	0	22.27	22.24	22.04	23.5
3	QPSK	8	4	22.18	22.13	21.99	
3	QPSK	8	7	22.26	22.21	22.05	
3	QPSK	15	0	22.31	22.23	22.09	
3	16QAM	1	0	22.64	22.58	22.43	23.5
3	16QAM	1	8	22.56	22.51	22.31	
3	16QAM	1	14	22.64	22.56	22.38	
3	16QAM	8	0	21.35	21.27	21.10	22.5
3	16QAM	8	4	21.32	21.24	21.07	
3	16QAM	8	7	21.28	21.23	21.05	
3	16QAM	15	0	21.33	21.27	21.07	
3	64QAM	1	0	21.54	21.46	21.25	22.5
3	64QAM	1	8	21.45	21.35	21.17	
3	64QAM	1	14	21.53	21.43	21.29	
3	64QAM	8	0	20.37	20.27	20.13	21.5
3	64QAM	8	4	20.31	20.22	20.08	
3	64QAM	8	7	20.39	20.29	20.14	
3	64QAM	15	0	20.26	20.20	20.02	
3	256QAM	1	0	18.60	18.54	18.34	19.5
3	256QAM	1	8	18.24	18.26	18.10	
3	256QAM	1	14	18.52	18.49	18.27	
3	256QAM	8	0	18.43	18.45	18.26	19.5
3	256QAM	8	4	18.44	18.41	18.23	
3	256QAM	8	7	18.38	18.32	18.23	
3	256QAM	15	0	18.38	18.37	18.21	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.27	23.27	23.08	24.5
1.4	QPSK	1	3	23.16	23.19	23.01	
1.4	QPSK	1	5	23.20	23.17	23.07	
1.4	QPSK	3	0	23.19	23.18	23.02	
1.4	QPSK	3	1	23.11	23.07	22.91	
1.4	QPSK	3	3	23.20	23.18	23.01	
1.4	QPSK	6	0	22.24	22.17	22.02	23.5
1.4	16QAM	1	0	22.62	22.51	22.39	23.5
1.4	16QAM	1	3	22.55	22.49	22.27	
1.4	16QAM	1	5	22.64	22.53	22.36	
1.4	16QAM	3	0	22.19	22.13	21.99	
1.4	16QAM	3	1	22.24	22.19	22.03	
1.4	16QAM	3	3	22.22	22.15	22.01	
1.4	16QAM	6	0	21.30	21.26	21.07	22.5
1.4	64QAM	1	0	21.53	21.43	21.22	22.5
1.4	64QAM	1	3	21.38	21.30	21.10	
1.4	64QAM	1	5	21.49	21.40	21.20	
1.4	64QAM	3	0	21.32	21.25	21.08	
1.4	64QAM	3	1	21.34	21.29	21.11	
1.4	64QAM	3	3	21.36	21.30	21.15	
1.4	64QAM	6	0	20.22	20.16	19.99	21.5
1.4	256QAM	1	0	18.48	18.49	18.39	19.5

1.4	256QAM	1	3	18.35	18.36	18.26	
1.4	256QAM	1	5	18.48	18.49	18.39	
1.4	256QAM	3	0	18.42	18.43	18.33	
1.4	256QAM	3	1	18.40	18.41	18.31	
1.4	256QAM	3	3	18.44	18.45	18.35	
1.4	256QAM	6	0	18.36	18.37	18.27	19.5

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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	18.22	18.26	18.24	19.8
20	QPSK	1	49	17.95	17.94	17.95	
20	QPSK	1	99	18.01	18.05	18.04	
20	QPSK	50	0	18.21	18.22	18.19	19.8
20	QPSK	50	24	18.13	18.15	18.14	
20	QPSK	50	50	18.10	18.11	18.10	
20	QPSK	100	0	18.14	18.16	18.14	
20	16QAM	1	0	18.45	18.47	18.44	19.8
20	16QAM	1	49	18.38	18.34	18.37	
20	16QAM	1	99	18.30	18.32	18.29	
20	16QAM	50	0	18.16	18.14	18.16	19.8
20	16QAM	50	24	18.12	18.08	18.12	
20	16QAM	50	50	18.06	18.06	18.06	
20	16QAM	100	0	18.11	18.10	18.11	
20	64QAM	1	0	18.35	18.33	18.37	19.8
20	64QAM	1	49	18.32	18.27	18.26	
20	64QAM	1	99	18.15	18.19	18.16	
20	64QAM	50	0	18.18	18.17	18.18	19.8
20	64QAM	50	24	18.14	18.11	18.14	
20	64QAM	50	50	18.08	18.08	18.07	
20	64QAM	100	0	18.11	18.08	18.10	
20	256QAM	1	0	18.29	18.29	18.34	19.7
20	256QAM	1	49	18.31	18.21	18.22	
20	256QAM	1	99	18.12	18.15	18.07	
20	256QAM	50	0	18.08	18.08	18.08	19.7
20	256QAM	50	24	18.08	18.06	18.10	
20	256QAM	50	50	18.07	18.02	17.98	
20	256QAM	100	0	18.09	17.99	18.01	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.13	18.19	18.16	19.8
15	QPSK	1	37	17.94	17.94	17.93	
15	QPSK	1	74	17.94	18.02	17.97	
15	QPSK	36	0	18.15	18.16	18.14	19.8
15	QPSK	36	20	18.07	18.13	18.06	
15	QPSK	36	39	18.04	18.03	18.09	
15	QPSK	75	0	18.11	18.06	18.12	
15	16QAM	1	0	18.44	18.39	18.36	19.8
15	16QAM	1	37	18.28	18.24	18.32	
15	16QAM	1	74	18.21	18.30	18.21	
15	16QAM	36	0	18.07	18.12	18.06	19.8
15	16QAM	36	20	18.10	18.02	18.04	
15	16QAM	36	39	18.01	18.03	17.98	
15	16QAM	75	0	18.01	18.02	18.04	
15	64QAM	1	0	18.31	18.30	18.30	19.8
15	64QAM	1	37	18.27	18.22	18.21	
15	64QAM	1	74	18.06	18.15	18.13	
15	64QAM	36	0	18.12	18.07	18.08	19.8

15	64QAM	36	20	18.10	18.07	18.13	
15	64QAM	36	39	18.00	18.03	17.99	
15	64QAM	75	0	18.04	18.01	18.09	
15	256QAM	1	0	18.27	18.26	18.28	19.7
15	256QAM	1	37	18.21	18.20	18.18	
15	256QAM	1	74	18.11	18.06	18.04	
15	256QAM	36	0	18.02	18.07	18.00	19.7
15	256QAM	36	20	18.07	18.05	18.08	
15	256QAM	36	39	18.04	17.92	17.96	
15	256QAM	75	0	18.07	17.93	17.94	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.19	18.20	18.17	19.8
10	QPSK	1	25	17.91	17.92	17.91	
10	QPSK	1	49	17.99	18.00	18.00	
10	QPSK	25	0	18.13	18.15	18.12	19.8
10	QPSK	25	12	18.09	18.12	18.11	
10	QPSK	25	25	18.03	18.03	18.02	
10	QPSK	50	0	18.13	18.14	18.12	
10	16QAM	1	0	18.41	18.40	18.43	19.8
10	16QAM	1	25	18.30	18.28	18.33	
10	16QAM	1	49	18.26	18.26	18.26	
10	16QAM	25	0	18.06	18.11	18.10	19.8
10	16QAM	25	12	18.11	18.05	18.11	
10	16QAM	25	25	18.01	18.05	18.02	
10	16QAM	50	0	18.06	18.09	18.09	
10	64QAM	1	0	18.31	18.32	18.35	19.8
10	64QAM	1	25	18.27	18.21	18.16	
10	64QAM	1	49	18.12	18.09	18.12	
10	64QAM	25	0	18.16	18.08	18.17	19.8
10	64QAM	25	12	18.07	18.04	18.10	
10	64QAM	25	25	18.02	18.07	18.01	
10	64QAM	50	0	18.01	18.02	18.00	
10	256QAM	1	0	18.20	18.23	18.26	19.7
10	256QAM	1	25	18.28	18.16	18.12	
10	256QAM	1	49	18.03	18.08	18.03	
10	256QAM	25	0	18.03	18.07	17.98	19.7
10	256QAM	25	12	18.05	18.01	18.06	
10	256QAM	25	25	18.00	17.97	17.96	
10	256QAM	50	0	18.07	17.92	18.00	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.13	18.25	18.20	19.8
5	QPSK	1	12	17.91	17.91	17.93	
5	QPSK	1	24	18.00	18.04	18.02	
5	QPSK	12	0	18.14	18.14	18.12	19.8
5	QPSK	12	7	18.12	18.10	18.04	
5	QPSK	12	13	18.00	18.05	18.00	
5	QPSK	25	0	18.13	18.13	18.11	
5	16QAM	1	0	18.44	18.36	18.38	19.8
5	16QAM	1	12	18.33	18.32	18.32	
5	16QAM	1	24	18.21	18.25	18.28	
5	16QAM	12	0	18.09	18.08	18.11	19.8
5	16QAM	12	7	18.11	18.03	18.10	
5	16QAM	12	13	18.05	18.00	18.03	
5	16QAM	25	0	18.01	18.04	18.01	
5	64QAM	1	0	18.33	18.31	18.34	19.8
5	64QAM	1	12	18.23	18.22	18.17	
5	64QAM	1	24	18.05	18.10	18.08	
5	64QAM	12	0	18.12	18.15	18.10	19.8
5	64QAM	12	7	18.08	18.06	18.06	
5	64QAM	12	13	18.03	18.03	18.00	
5	64QAM	25	0	18.03	18.06	18.06	

5	256QAM	1	0	18.21	18.23	18.26	19.7
5	256QAM	1	12	18.21	18.20	18.21	
5	256QAM	1	24	18.04	18.07	18.00	
5	256QAM	12	0	18.07	18.01	18.03	19.7
5	256QAM	12	7	18.02	17.96	18.08	
5	256QAM	12	13	18.06	18.01	17.92	
5	256QAM	25	0	18.00	17.96	17.98	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.13	18.16	18.19	19.8
3	QPSK	1	8	17.93	17.94	17.92	
3	QPSK	1	14	18.00	18.00	17.97	
3	QPSK	8	0	18.11	18.19	18.10	19.8
3	QPSK	8	4	18.04	18.08	18.07	
3	QPSK	8	7	18.08	18.01	18.01	
3	QPSK	15	0	18.04	18.13	18.07	
3	16QAM	1	0	18.41	18.39	18.40	19.8
3	16QAM	1	8	18.37	18.32	18.31	
3	16QAM	1	14	18.22	18.25	18.26	
3	16QAM	8	0	18.09	18.04	18.12	19.8
3	16QAM	8	4	18.03	18.06	18.07	
3	16QAM	8	7	17.99	18.01	18.05	
3	16QAM	15	0	18.05	18.08	18.09	
3	64QAM	1	0	18.25	18.28	18.27	19.8
3	64QAM	1	8	18.24	18.26	18.20	
3	64QAM	1	14	18.10	18.13	18.14	
3	64QAM	8	0	18.16	18.13	18.08	19.8
3	64QAM	8	4	18.11	18.02	18.04	
3	64QAM	8	7	18.01	18.01	18.05	
3	64QAM	15	0	18.07	18.00	18.06	
3	256QAM	1	0	18.19	18.20	18.24	19.7
3	256QAM	1	8	18.24	18.19	18.17	
3	256QAM	1	14	18.03	18.08	18.03	
3	256QAM	8	0	18.03	18.03	18.04	19.7
3	256QAM	8	4	18.01	18.05	18.07	
3	256QAM	8	7	18.00	18.01	17.92	
3	256QAM	15	0	18.01	17.91	18.00	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.15	18.10	18.06	19.8
1.4	QPSK	1	3	18.07	18.01	17.99	
1.4	QPSK	1	5	18.12	18.02	18.03	
1.4	QPSK	3	0	18.12	18.02	17.97	
1.4	QPSK	3	1	17.99	17.90	17.85	
1.4	QPSK	3	3	18.13	18.03	17.98	
1.4	QPSK	6	0	18.16	18.06	18.00	19.8
1.4	16QAM	1	0	18.36	18.37	18.30	19.8
1.4	16QAM	1	3	18.42	18.25	18.22	
1.4	16QAM	1	5	18.29	18.38	18.32	
1.4	16QAM	3	0	18.12	18.00	17.94	
1.4	16QAM	3	1	18.19	18.08	18.00	
1.4	16QAM	3	3	18.14	18.02	17.95	
1.4	16QAM	6	0	18.20	18.12	18.07	19.8
1.4	64QAM	1	0	18.40	18.28	18.22	19.8
1.4	64QAM	1	3	18.23	18.08	18.03	
1.4	64QAM	1	5	18.38	18.27	18.20	
1.4	64QAM	3	0	18.20	18.10	18.04	
1.4	64QAM	3	1	18.23	18.13	18.09	
1.4	64QAM	3	3	18.24	18.15	18.08	
1.4	64QAM	6	0	18.12	18.03	17.99	19.8
1.4	256QAM	1	0	18.34	18.26	18.13	19.7
1.4	256QAM	1	3	18.13	18.00	17.94	
1.4	256QAM	1	5	18.33	18.23	18.11	

1.4	256QAM	3	0	18.10	18.03	17.96	
1.4	256QAM	3	1	18.21	18.04	18.05	
1.4	256QAM	3	3	18.19	18.13	18.00	
1.4	256QAM	6	0	18.10	17.93	17.96	19.7

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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	23.39	23.40	23.21	24.5
20	QPSK	1	49	23.16	23.28	22.94	
20	QPSK	1	99	23.22	23.17	23.04	
20	QPSK	50	0	22.37	22.37	22.17	23.5
20	QPSK	50	24	22.36	22.32	22.12	
20	QPSK	50	50	22.32	22.27	22.10	
20	QPSK	100	0	22.33	22.34	22.16	
20	16QAM	1	0	22.76	22.68	22.52	23.5
20	16QAM	1	49	22.66	22.61	22.44	
20	16QAM	1	99	22.53	22.60	22.39	
20	16QAM	50	0	21.40	21.36	21.16	22.5
20	16QAM	50	24	21.36	21.33	21.12	
20	16QAM	50	50	21.33	21.29	21.10	
20	16QAM	100	0	21.38	21.36	21.14	
20	64QAM	1	0	21.62	21.58	21.41	22.5
20	64QAM	1	49	21.59	21.56	21.35	
20	64QAM	1	99	21.38	21.44	21.25	
20	64QAM	50	0	20.45	20.41	20.22	21.5
20	64QAM	50	24	20.40	20.38	20.20	
20	64QAM	50	50	20.33	20.35	20.15	
20	64QAM	100	0	20.38	20.38	20.18	
20	256QAM	1	0	18.61	18.58	18.41	19.5
20	256QAM	1	49	18.32	18.29	18.12	
20	256QAM	1	99	18.52	18.49	18.32	
20	256QAM	50	0	18.49	18.46	18.29	19.5
20	256QAM	50	24	18.49	18.46	18.29	
20	256QAM	50	50	18.44	18.41	18.24	
20	256QAM	100	0	18.48	18.45	18.28	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.32	23.27	23.11	24.5
15	QPSK	1	37	23.06	22.99	22.82	
15	QPSK	1	74	23.23	23.14	22.98	
15	QPSK	36	0	22.33	22.27	22.08	23.5
15	QPSK	36	20	22.30	22.24	22.07	
15	QPSK	36	39	22.28	22.19	22.03	
15	QPSK	75	0	22.30	22.25	22.06	
15	16QAM	1	0	22.72	22.56	22.41	23.5
15	16QAM	1	37	22.65	22.58	22.39	
15	16QAM	1	74	22.51	22.53	22.31	
15	16QAM	36	0	21.32	21.26	21.06	22.5
15	16QAM	36	20	21.30	21.21	21.02	
15	16QAM	36	39	21.26	21.20	21.03	
15	16QAM	75	0	21.31	21.23	21.06	
15	64QAM	1	0	21.58	21.42	21.28	22.5
15	64QAM	1	37	21.64	21.56	21.36	
15	64QAM	1	74	21.40	21.38	21.21	
15	64QAM	36	0	20.37	20.29	20.10	21.5
15	64QAM	36	20	20.34	20.26	20.07	
15	64QAM	36	39	20.29	20.24	20.06	

15	64QAM	75	0	20.32	20.25	20.06	
15	256QAM	1	0	18.55	18.50	18.36	19.5
15	256QAM	1	37	18.27	18.24	18.10	
15	256QAM	1	74	18.44	18.44	18.25	
15	256QAM	36	0	18.47	18.46	18.19	19.5
15	256QAM	36	20	18.46	18.39	18.24	
15	256QAM	36	39	18.41	18.31	18.20	
15	256QAM	75	0	18.45	18.35	18.21	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.26	23.31	23.12	24.5
10	QPSK	1	25	23.28	23.20	23.04	
10	QPSK	1	49	23.26	23.18	23.07	
10	QPSK	25	0	22.34	22.27	22.11	23.5
10	QPSK	25	12	22.31	22.23	22.09	
10	QPSK	25	25	22.31	22.21	22.10	
10	QPSK	50	0	22.33	22.25	22.10	
10	16QAM	1	0	22.61	22.55	22.34	23.5
10	16QAM	1	25	22.61	22.50	22.33	
10	16QAM	1	49	22.55	22.51	22.35	
10	16QAM	25	0	21.35	21.24	21.11	22.5
10	16QAM	25	12	21.31	21.24	21.10	
10	16QAM	25	25	21.27	21.21	21.09	
10	16QAM	50	0	21.32	21.23	21.10	
10	64QAM	1	0	21.44	21.43	21.22	22.5
10	64QAM	1	25	21.41	21.35	21.17	
10	64QAM	1	49	21.40	21.37	21.19	
10	64QAM	25	0	20.35	20.26	20.11	21.5
10	64QAM	25	12	20.31	20.23	20.11	
10	64QAM	25	25	20.30	20.20	20.09	
10	64QAM	50	0	20.37	20.27	20.16	
10	256QAM	1	0	18.58	18.52	18.40	19.5
10	256QAM	1	25	18.30	18.21	18.07	
10	256QAM	1	49	18.48	18.47	18.23	
10	256QAM	25	0	18.42	18.36	18.28	19.5
10	256QAM	25	12	18.39	18.37	18.28	
10	256QAM	25	25	18.37	18.37	18.14	
10	256QAM	50	0	18.48	18.43	18.18	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.16	23.22	23.17	24.5
5	QPSK	1	12	23.20	23.20	23.04	
5	QPSK	1	24	23.23	23.27	23.08	
5	QPSK	12	0	22.27	22.24	22.10	23.5
5	QPSK	12	7	22.27	22.20	22.09	
5	QPSK	12	13	22.27	22.22	22.07	
5	QPSK	25	0	22.29	22.22	22.07	
5	16QAM	1	0	22.64	22.59	22.44	23.5
5	16QAM	1	12	22.65	22.60	22.46	
5	16QAM	1	24	22.58	22.54	22.35	
5	16QAM	12	0	21.30	21.25	21.07	22.5
5	16QAM	12	7	21.33	21.25	21.08	
5	16QAM	12	13	21.29	21.25	21.07	
5	16QAM	25	0	21.28	21.24	21.06	
5	64QAM	1	0	21.53	21.48	21.29	22.5
5	64QAM	1	12	21.64	21.59	21.39	
5	64QAM	1	24	21.49	21.42	21.25	
5	64QAM	12	0	20.40	20.28	20.15	21.5
5	64QAM	12	7	20.40	20.31	20.17	
5	64QAM	12	13	20.37	20.30	20.14	
5	64QAM	25	0	20.32	20.23	20.08	
5	256QAM	1	0	18.59	18.54	18.35	19.5
5	256QAM	1	12	18.32	18.20	18.04	

5	256QAM	1	24	18.50	18.41	18.28	
5	256QAM	12	0	18.44	18.42	18.20	19.5
5	256QAM	12	7	18.41	18.38	18.23	
5	256QAM	12	13	18.41	18.41	18.17	
5	256QAM	25	0	18.43	18.40	18.26	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.25	23.20	23.15	24.5
3	QPSK	1	8	23.28	23.11	22.95	
3	QPSK	1	14	23.27	23.15	22.98	
3	QPSK	8	0	22.27	22.24	22.04	23.5
3	QPSK	8	4	22.18	22.13	21.99	
3	QPSK	8	7	22.26	22.21	22.05	
3	QPSK	15	0	22.31	22.23	22.09	
3	16QAM	1	0	22.64	22.58	22.43	23.5
3	16QAM	1	8	22.56	22.51	22.31	
3	16QAM	1	14	22.64	22.56	22.38	
3	16QAM	8	0	21.35	21.27	21.10	22.5
3	16QAM	8	4	21.32	21.24	21.07	
3	16QAM	8	7	21.28	21.23	21.05	
3	16QAM	15	0	21.33	21.27	21.07	
3	64QAM	1	0	21.54	21.46	21.25	22.5
3	64QAM	1	8	21.45	21.35	21.17	
3	64QAM	1	14	21.53	21.43	21.29	
3	64QAM	8	0	20.37	20.27	20.13	21.5
3	64QAM	8	4	20.31	20.22	20.08	
3	64QAM	8	7	20.39	20.29	20.14	
3	64QAM	15	0	20.26	20.20	20.02	
3	256QAM	1	0	18.60	18.54	18.34	19.5
3	256QAM	1	8	18.24	18.26	18.10	
3	256QAM	1	14	18.52	18.49	18.27	
3	256QAM	8	0	18.43	18.45	18.26	19.5
3	256QAM	8	4	18.44	18.41	18.23	
3	256QAM	8	7	18.38	18.32	18.23	
3	256QAM	15	0	18.38	18.37	18.21	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.27	23.27	23.08	24.5
1.4	QPSK	1	3	23.16	23.19	23.01	
1.4	QPSK	1	5	23.20	23.17	23.07	
1.4	QPSK	3	0	23.19	23.18	23.02	
1.4	QPSK	3	1	23.11	23.07	22.91	
1.4	QPSK	3	3	23.20	23.18	23.01	
1.4	QPSK	6	0	22.24	22.17	22.02	23.5
1.4	16QAM	1	0	22.62	22.51	22.39	23.5
1.4	16QAM	1	3	22.55	22.49	22.27	
1.4	16QAM	1	5	22.64	22.53	22.36	
1.4	16QAM	3	0	22.19	22.13	21.99	
1.4	16QAM	3	1	22.24	22.19	22.03	
1.4	16QAM	3	3	22.22	22.15	22.01	
1.4	16QAM	6	0	21.30	21.26	21.07	22.5
1.4	64QAM	1	0	21.53	21.43	21.22	22.5
1.4	64QAM	1	3	21.38	21.30	21.10	
1.4	64QAM	1	5	21.49	21.40	21.20	
1.4	64QAM	3	0	21.32	21.25	21.08	
1.4	64QAM	3	1	21.34	21.29	21.11	
1.4	64QAM	3	3	21.36	21.30	21.15	
1.4	64QAM	6	0	20.22	20.16	19.99	21.5
1.4	256QAM	1	0	18.48	18.49	18.39	19.5
1.4	256QAM	1	3	18.35	18.36	18.26	
1.4	256QAM	1	5	18.48	18.49	18.39	
1.4	256QAM	3	0	18.42	18.43	18.33	
1.4	256QAM	3	1	18.40	18.41	18.31	

1.4	256QAM	3	3	18.44	18.45	18.35	
1.4	256QAM	6	0	18.36	18.37	18.27	19.5

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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	18.22	18.26	18.24	19.1
20	QPSK	1	49	17.95	17.94	17.95	
20	QPSK	1	99	18.01	18.05	18.04	
20	QPSK	50	0	18.21	18.22	18.19	19.1
20	QPSK	50	24	18.13	18.15	18.14	
20	QPSK	50	50	18.10	18.11	18.10	
20	QPSK	100	0	18.14	18.16	18.14	
20	16QAM	1	0	18.45	18.47	18.44	19.1
20	16QAM	1	49	18.38	18.34	18.37	
20	16QAM	1	99	18.30	18.32	18.29	
20	16QAM	50	0	18.16	18.14	18.16	19.1
20	16QAM	50	24	18.12	18.08	18.12	
20	16QAM	50	50	18.06	18.06	18.06	
20	16QAM	100	0	18.11	18.10	18.11	
20	64QAM	1	0	18.35	18.33	18.37	19.1
20	64QAM	1	49	18.32	18.27	18.26	
20	64QAM	1	99	18.15	18.19	18.16	
20	64QAM	50	0	18.18	18.17	18.18	19.1
20	64QAM	50	24	18.14	18.11	18.14	
20	64QAM	50	50	18.08	18.08	18.07	
20	64QAM	100	0	18.11	18.08	18.10	
20	256QAM	1	0	18.29	18.29	18.34	19.1
20	256QAM	1	49	18.31	18.21	18.22	
20	256QAM	1	99	18.12	18.15	18.07	
20	256QAM	50	0	18.08	18.08	18.08	19.1
20	256QAM	50	24	18.08	18.06	18.10	
20	256QAM	50	50	18.07	18.02	17.98	
20	256QAM	100	0	18.09	17.99	18.01	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.13	18.19	18.16	19.1
15	QPSK	1	37	17.94	17.94	17.93	
15	QPSK	1	74	17.94	18.02	17.97	
15	QPSK	36	0	18.15	18.16	18.14	19.1
15	QPSK	36	20	18.07	18.13	18.06	
15	QPSK	36	39	18.04	18.03	18.09	
15	QPSK	75	0	18.11	18.06	18.12	
15	16QAM	1	0	18.44	18.39	18.36	19.1
15	16QAM	1	37	18.28	18.24	18.32	
15	16QAM	1	74	18.21	18.30	18.21	
15	16QAM	36	0	18.07	18.12	18.06	19.1
15	16QAM	36	20	18.10	18.02	18.04	
15	16QAM	36	39	18.01	18.03	17.98	
15	16QAM	75	0	18.01	18.02	18.04	
15	64QAM	1	0	18.31	18.30	18.30	19.1
15	64QAM	1	37	18.27	18.22	18.21	
15	64QAM	1	74	18.06	18.15	18.13	
15	64QAM	36	0	18.12	18.07	18.08	19.1
15	64QAM	36	20	18.10	18.07	18.13	
15	64QAM	36	39	18.00	18.03	17.99	
15	64QAM	75	0	18.04	18.01	18.09	
15	256QAM	1	0	18.27	18.26	18.28	19.1
15	256QAM	1	37	18.21	18.20	18.18	
15	256QAM	1	74	18.11	18.06	18.04	

15	256QAM	36	0	18.02	18.07	18.00	19.1
15	256QAM	36	20	18.07	18.05	18.08	
15	256QAM	36	39	18.04	17.92	17.96	
15	256QAM	75	0	18.07	17.93	17.94	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.19	18.20	18.17	19.1
10	QPSK	1	25	17.91	17.92	17.91	
10	QPSK	1	49	17.99	18.00	18.00	
10	QPSK	25	0	18.13	18.15	18.12	19.1
10	QPSK	25	12	18.09	18.12	18.11	
10	QPSK	25	25	18.03	18.03	18.02	
10	QPSK	50	0	18.13	18.14	18.12	
10	16QAM	1	0	18.41	18.40	18.43	19.1
10	16QAM	1	25	18.30	18.28	18.33	
10	16QAM	1	49	18.26	18.26	18.26	
10	16QAM	25	0	18.06	18.11	18.10	19.1
10	16QAM	25	12	18.11	18.05	18.11	
10	16QAM	25	25	18.01	18.05	18.02	
10	16QAM	50	0	18.06	18.09	18.09	
10	64QAM	1	0	18.31	18.32	18.35	19.1
10	64QAM	1	25	18.27	18.21	18.16	
10	64QAM	1	49	18.12	18.09	18.12	
10	64QAM	25	0	18.16	18.08	18.17	19.1
10	64QAM	25	12	18.07	18.04	18.10	
10	64QAM	25	25	18.02	18.07	18.01	
10	64QAM	50	0	18.01	18.02	18.00	
10	256QAM	1	0	18.20	18.23	18.26	19.1
10	256QAM	1	25	18.28	18.16	18.12	
10	256QAM	1	49	18.03	18.08	18.03	
10	256QAM	25	0	18.03	18.07	17.98	19.1
10	256QAM	25	12	18.05	18.01	18.06	
10	256QAM	25	25	18.00	17.97	17.96	
10	256QAM	50	0	18.07	17.92	18.00	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.13	18.25	18.20	19.1
5	QPSK	1	12	17.91	17.91	17.93	
5	QPSK	1	24	18.00	18.04	18.02	
5	QPSK	12	0	18.14	18.14	18.12	19.1
5	QPSK	12	7	18.12	18.10	18.04	
5	QPSK	12	13	18.00	18.05	18.00	
5	QPSK	25	0	18.13	18.13	18.11	
5	16QAM	1	0	18.44	18.36	18.38	19.1
5	16QAM	1	12	18.33	18.32	18.32	
5	16QAM	1	24	18.21	18.25	18.28	
5	16QAM	12	0	18.09	18.08	18.11	19.1
5	16QAM	12	7	18.11	18.03	18.10	
5	16QAM	12	13	18.05	18.00	18.03	
5	16QAM	25	0	18.01	18.04	18.01	
5	64QAM	1	0	18.33	18.31	18.34	19.1
5	64QAM	1	12	18.23	18.22	18.17	
5	64QAM	1	24	18.05	18.10	18.08	
5	64QAM	12	0	18.12	18.15	18.10	19.1
5	64QAM	12	7	18.08	18.06	18.06	
5	64QAM	12	13	18.03	18.03	18.00	
5	64QAM	25	0	18.03	18.06	18.06	
5	256QAM	1	0	18.21	18.23	18.26	19.1
5	256QAM	1	12	18.21	18.20	18.21	
5	256QAM	1	24	18.04	18.07	18.00	
5	256QAM	12	0	18.07	18.01	18.03	19.1
5	256QAM	12	7	18.02	17.96	18.08	
5	256QAM	12	13	18.06	18.01	17.92	
5	256QAM	25	0	18.00	17.96	17.98	

Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.13	18.16	18.19	19.1
3	QPSK	1	8	17.93	17.94	17.92	
3	QPSK	1	14	18.00	18.00	17.97	
3	QPSK	8	0	18.11	18.19	18.10	19.1
3	QPSK	8	4	18.04	18.08	18.07	
3	QPSK	8	7	18.08	18.01	18.01	
3	QPSK	15	0	18.04	18.13	18.07	
3	16QAM	1	0	18.41	18.39	18.40	19.1
3	16QAM	1	8	18.37	18.32	18.31	
3	16QAM	1	14	18.22	18.25	18.26	
3	16QAM	8	0	18.09	18.04	18.12	19.1
3	16QAM	8	4	18.03	18.06	18.07	
3	16QAM	8	7	17.99	18.01	18.05	
3	16QAM	15	0	18.05	18.08	18.09	
3	64QAM	1	0	18.25	18.28	18.27	19.1
3	64QAM	1	8	18.24	18.26	18.20	
3	64QAM	1	14	18.10	18.13	18.14	
3	64QAM	8	0	18.16	18.13	18.08	19.1
3	64QAM	8	4	18.11	18.02	18.04	
3	64QAM	8	7	18.01	18.01	18.05	
3	64QAM	15	0	18.07	18.00	18.06	
3	256QAM	1	0	18.19	18.20	18.24	19.1
3	256QAM	1	8	18.24	18.19	18.17	
3	256QAM	1	14	18.03	18.08	18.03	
3	256QAM	8	0	18.03	18.03	18.04	19.1
3	256QAM	8	4	18.01	18.05	18.07	
3	256QAM	8	7	18.00	18.01	17.92	
3	256QAM	15	0	18.01	17.91	18.00	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.15	18.10	18.06	19.1
1.4	QPSK	1	3	18.07	18.01	17.99	
1.4	QPSK	1	5	18.12	18.02	18.03	
1.4	QPSK	3	0	18.12	18.02	17.97	
1.4	QPSK	3	1	17.99	17.90	17.85	
1.4	QPSK	3	3	18.13	18.03	17.98	
1.4	QPSK	6	0	18.16	18.06	18.00	19.1
1.4	16QAM	1	0	18.36	18.37	18.30	19.1
1.4	16QAM	1	3	18.42	18.25	18.22	
1.4	16QAM	1	5	18.29	18.38	18.32	
1.4	16QAM	3	0	18.12	18.00	17.94	
1.4	16QAM	3	1	18.19	18.08	18.00	
1.4	16QAM	3	3	18.14	18.02	17.95	
1.4	16QAM	6	0	18.20	18.12	18.07	19.1
1.4	64QAM	1	0	18.40	18.28	18.22	19.1
1.4	64QAM	1	3	18.23	18.08	18.03	
1.4	64QAM	1	5	18.38	18.27	18.20	
1.4	64QAM	3	0	18.20	18.10	18.04	
1.4	64QAM	3	1	18.23	18.13	18.09	
1.4	64QAM	3	3	18.24	18.15	18.08	
1.4	64QAM	6	0	18.12	18.03	17.99	19.1
1.4	256QAM	1	0	18.34	18.26	18.13	19.1
1.4	256QAM	1	3	18.13	18.00	17.94	
1.4	256QAM	1	5	18.33	18.23	18.11	
1.4	256QAM	3	0	18.10	18.03	17.96	
1.4	256QAM	3	1	18.21	18.04	18.05	
1.4	256QAM	3	3	18.19	18.13	18.00	
1.4	256QAM	6	0	18.10	17.93	17.96	19.1

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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	23.39	23.40	23.21	24.5
20	QPSK	1	49	23.16	23.28	22.94	
20	QPSK	1	99	23.22	23.17	23.04	
20	QPSK	50	0	22.37	22.37	22.17	23.5
20	QPSK	50	24	22.36	22.32	22.12	
20	QPSK	50	50	22.32	22.27	22.10	
20	QPSK	100	0	22.33	22.34	22.16	
20	16QAM	1	0	22.76	22.68	22.52	23.5
20	16QAM	1	49	22.66	22.61	22.44	
20	16QAM	1	99	22.53	22.60	22.39	
20	16QAM	50	0	21.40	21.36	21.16	22.5
20	16QAM	50	24	21.36	21.33	21.12	
20	16QAM	50	50	21.33	21.29	21.10	
20	16QAM	100	0	21.38	21.36	21.14	
20	64QAM	1	0	21.62	21.58	21.41	22.5
20	64QAM	1	49	21.59	21.56	21.35	
20	64QAM	1	99	21.38	21.44	21.25	
20	64QAM	50	0	20.45	20.41	20.22	21.5
20	64QAM	50	24	20.40	20.38	20.20	
20	64QAM	50	50	20.33	20.35	20.15	
20	64QAM	100	0	20.38	20.38	20.18	
20	256QAM	1	0	18.61	18.58	18.41	19.5
20	256QAM	1	49	18.32	18.29	18.12	
20	256QAM	1	99	18.52	18.49	18.32	
20	256QAM	50	0	18.49	18.46	18.29	19.5
20	256QAM	50	24	18.49	18.46	18.29	
20	256QAM	50	50	18.44	18.41	18.24	
20	256QAM	100	0	18.48	18.45	18.28	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.32	23.27	23.11	24.5
15	QPSK	1	37	23.06	22.99	22.82	
15	QPSK	1	74	23.23	23.14	22.98	
15	QPSK	36	0	22.33	22.27	22.08	23.5
15	QPSK	36	20	22.30	22.24	22.07	
15	QPSK	36	39	22.28	22.19	22.03	
15	QPSK	75	0	22.30	22.25	22.06	
15	16QAM	1	0	22.72	22.56	22.41	23.5
15	16QAM	1	37	22.65	22.58	22.39	
15	16QAM	1	74	22.51	22.53	22.31	
15	16QAM	36	0	21.32	21.26	21.06	22.5
15	16QAM	36	20	21.30	21.21	21.02	
15	16QAM	36	39	21.26	21.20	21.03	
15	16QAM	75	0	21.31	21.23	21.06	
15	64QAM	1	0	21.58	21.42	21.28	22.5
15	64QAM	1	37	21.64	21.56	21.36	
15	64QAM	1	74	21.40	21.38	21.21	
15	64QAM	36	0	20.37	20.29	20.10	21.5
15	64QAM	36	20	20.34	20.26	20.07	
15	64QAM	36	39	20.29	20.24	20.06	
15	64QAM	75	0	20.32	20.25	20.06	
15	256QAM	1	0	18.55	18.50	18.36	19.5
15	256QAM	1	37	18.27	18.24	18.10	
15	256QAM	1	74	18.44	18.44	18.25	
15	256QAM	36	0	18.47	18.46	18.19	19.5
15	256QAM	36	20	18.46	18.39	18.24	

15	256QAM	36	39	18.41	18.31	18.20	
15	256QAM	75	0	18.45	18.35	18.21	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.26	23.31	23.12	24.5
10	QPSK	1	25	23.28	23.20	23.04	
10	QPSK	1	49	23.26	23.18	23.07	
10	QPSK	25	0	22.34	22.27	22.11	23.5
10	QPSK	25	12	22.31	22.23	22.09	
10	QPSK	25	25	22.31	22.21	22.10	
10	QPSK	50	0	22.33	22.25	22.10	
10	16QAM	1	0	22.61	22.55	22.34	23.5
10	16QAM	1	25	22.61	22.50	22.33	
10	16QAM	1	49	22.55	22.51	22.35	
10	16QAM	25	0	21.35	21.24	21.11	22.5
10	16QAM	25	12	21.31	21.24	21.10	
10	16QAM	25	25	21.27	21.21	21.09	
10	16QAM	50	0	21.32	21.23	21.10	
10	64QAM	1	0	21.44	21.43	21.22	22.5
10	64QAM	1	25	21.41	21.35	21.17	
10	64QAM	1	49	21.40	21.37	21.19	
10	64QAM	25	0	20.35	20.26	20.11	21.5
10	64QAM	25	12	20.31	20.23	20.11	
10	64QAM	25	25	20.30	20.20	20.09	
10	64QAM	50	0	20.37	20.27	20.16	
10	256QAM	1	0	18.58	18.52	18.40	19.5
10	256QAM	1	25	18.30	18.21	18.07	
10	256QAM	1	49	18.48	18.47	18.23	
10	256QAM	25	0	18.42	18.36	18.28	19.5
10	256QAM	25	12	18.39	18.37	18.28	
10	256QAM	25	25	18.37	18.37	18.14	
10	256QAM	50	0	18.48	18.43	18.18	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.16	23.22	23.17	24.5
5	QPSK	1	12	23.20	23.20	23.04	
5	QPSK	1	24	23.23	23.27	23.08	
5	QPSK	12	0	22.27	22.24	22.10	23.5
5	QPSK	12	7	22.27	22.20	22.09	
5	QPSK	12	13	22.27	22.22	22.07	
5	QPSK	25	0	22.29	22.22	22.07	
5	16QAM	1	0	22.64	22.59	22.44	23.5
5	16QAM	1	12	22.65	22.60	22.46	
5	16QAM	1	24	22.58	22.54	22.35	
5	16QAM	12	0	21.30	21.25	21.07	22.5
5	16QAM	12	7	21.33	21.25	21.08	
5	16QAM	12	13	21.29	21.25	21.07	
5	16QAM	25	0	21.28	21.24	21.06	
5	64QAM	1	0	21.53	21.48	21.29	22.5
5	64QAM	1	12	21.64	21.59	21.39	
5	64QAM	1	24	21.49	21.42	21.25	
5	64QAM	12	0	20.40	20.28	20.15	21.5
5	64QAM	12	7	20.40	20.31	20.17	
5	64QAM	12	13	20.37	20.30	20.14	
5	64QAM	25	0	20.32	20.23	20.08	
5	256QAM	1	0	18.59	18.54	18.35	19.5
5	256QAM	1	12	18.32	18.20	18.04	
5	256QAM	1	24	18.50	18.41	18.28	
5	256QAM	12	0	18.44	18.42	18.20	19.5
5	256QAM	12	7	18.41	18.38	18.23	
5	256QAM	12	13	18.41	18.41	18.17	
5	256QAM	25	0	18.43	18.40	18.26	
Channel				131987	132322	132657	Tune-up limit

Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.25	23.20	23.15	24.5
3	QPSK	1	8	23.28	23.11	22.95	
3	QPSK	1	14	23.27	23.15	22.98	
3	QPSK	8	0	22.27	22.24	22.04	23.5
3	QPSK	8	4	22.18	22.13	21.99	
3	QPSK	8	7	22.26	22.21	22.05	
3	QPSK	15	0	22.31	22.23	22.09	
3	16QAM	1	0	22.64	22.58	22.43	23.5
3	16QAM	1	8	22.56	22.51	22.31	
3	16QAM	1	14	22.64	22.56	22.38	
3	16QAM	8	0	21.35	21.27	21.10	22.5
3	16QAM	8	4	21.32	21.24	21.07	
3	16QAM	8	7	21.28	21.23	21.05	
3	16QAM	15	0	21.33	21.27	21.07	
3	64QAM	1	0	21.54	21.46	21.25	22.5
3	64QAM	1	8	21.45	21.35	21.17	
3	64QAM	1	14	21.53	21.43	21.29	
3	64QAM	8	0	20.37	20.27	20.13	21.5
3	64QAM	8	4	20.31	20.22	20.08	
3	64QAM	8	7	20.39	20.29	20.14	
3	64QAM	15	0	20.26	20.20	20.02	
3	256QAM	1	0	18.60	18.54	18.34	19.5
3	256QAM	1	8	18.24	18.26	18.10	
3	256QAM	1	14	18.52	18.49	18.27	
3	256QAM	8	0	18.43	18.45	18.26	19.5
3	256QAM	8	4	18.44	18.41	18.23	
3	256QAM	8	7	18.38	18.32	18.23	
3	256QAM	15	0	18.38	18.37	18.21	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.27	23.27	23.08	24.5
1.4	QPSK	1	3	23.16	23.19	23.01	
1.4	QPSK	1	5	23.20	23.17	23.07	
1.4	QPSK	3	0	23.19	23.18	23.02	
1.4	QPSK	3	1	23.11	23.07	22.91	
1.4	QPSK	3	3	23.20	23.18	23.01	
1.4	QPSK	6	0	22.24	22.17	22.02	23.5
1.4	16QAM	1	0	22.62	22.51	22.39	23.5
1.4	16QAM	1	3	22.55	22.49	22.27	
1.4	16QAM	1	5	22.64	22.53	22.36	
1.4	16QAM	3	0	22.19	22.13	21.99	
1.4	16QAM	3	1	22.24	22.19	22.03	
1.4	16QAM	3	3	22.22	22.15	22.01	
1.4	16QAM	6	0	21.30	21.26	21.07	22.5
1.4	64QAM	1	0	21.53	21.43	21.22	22.5
1.4	64QAM	1	3	21.38	21.30	21.10	
1.4	64QAM	1	5	21.49	21.40	21.20	
1.4	64QAM	3	0	21.32	21.25	21.08	
1.4	64QAM	3	1	21.34	21.29	21.11	
1.4	64QAM	3	3	21.36	21.30	21.15	
1.4	64QAM	6	0	20.22	20.16	19.99	21.5
1.4	256QAM	1	0	18.48	18.49	18.39	19.5
1.4	256QAM	1	3	18.35	18.36	18.26	
1.4	256QAM	1	5	18.48	18.49	18.39	
1.4	256QAM	3	0	18.42	18.43	18.33	
1.4	256QAM	3	1	18.40	18.41	18.31	
1.4	256QAM	3	3	18.44	18.45	18.35	
1.4	256QAM	6	0	18.36	18.37	18.27	19.5

<LTE Band 71_Ant 1_Index 1>

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	24.38	24.43	24.44	25
20	QPSK	1	49	24.31	24.18	24.32	
20	QPSK	1	99	24.23	24.30	24.23	
20	QPSK	50	0	23.40	23.43	23.41	24
20	QPSK	50	24	23.37	23.38	23.36	
20	QPSK	50	50	23.32	23.35	23.32	
20	QPSK	100	0	23.35	23.37	23.35	
20	16QAM	1	0	23.51	23.61	23.64	24
20	16QAM	1	49	23.57	23.60	23.57	
20	16QAM	1	99	23.53	23.53	23.42	
20	16QAM	50	0	22.35	22.37	22.37	23
20	16QAM	50	24	22.32	22.35	22.34	
20	16QAM	50	50	22.31	22.31	22.30	
20	16QAM	100	0	22.32	22.35	22.36	
20	64QAM	1	0	22.40	22.51	22.54	23
20	64QAM	1	49	22.48	22.52	22.48	
20	64QAM	1	99	22.43	22.42	22.29	
20	64QAM	50	0	21.36	21.38	21.39	22
20	64QAM	50	24	21.33	21.35	21.33	
20	64QAM	50	50	21.30	21.30	21.29	
20	64QAM	100	0	21.31	21.33	21.31	
20	256QAM	1	0	19.59	19.66	19.66	20
20	256QAM	1	49	19.24	19.27	19.24	
20	256QAM	1	99	19.26	19.29	19.24	
20	256QAM	50	0	19.42	19.47	19.40	20
20	256QAM	50	24	19.37	19.40	19.34	
20	256QAM	50	50	19.28	19.31	19.27	
20	256QAM	100	0	19.38	19.42	19.37	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.38	24.38	24.37	25
15	QPSK	1	37	24.18	24.17	24.15	
15	QPSK	1	74	24.30	24.28	24.22	
15	QPSK	36	0	23.37	23.39	23.35	24
15	QPSK	36	20	23.36	23.34	23.30	
15	QPSK	36	39	23.34	23.33	23.29	
15	QPSK	75	0	23.36	23.35	23.31	
15	16QAM	1	0	23.57	23.63	23.60	24
15	16QAM	1	37	23.65	23.64	23.60	
15	16QAM	1	74	23.55	23.50	23.39	
15	16QAM	36	0	22.35	22.35	22.32	23
15	16QAM	36	20	22.32	22.32	22.29	
15	16QAM	36	39	22.30	22.30	22.25	
15	16QAM	75	0	22.32	22.33	22.27	
15	64QAM	1	0	22.45	22.53	22.48	23
15	64QAM	1	37	22.57	22.60	22.59	
15	64QAM	1	74	22.43	22.39	22.27	
15	64QAM	36	0	21.35	21.35	21.32	22
15	64QAM	36	20	21.33	21.29	21.29	
15	64QAM	36	39	21.31	21.31	21.25	
15	64QAM	75	0	21.29	21.29	21.26	
15	256QAM	1	0	19.51	19.59	19.63	20
15	256QAM	1	37	19.21	19.19	19.17	
15	256QAM	1	74	19.18	19.22	19.19	
15	256QAM	36	0	19.39	19.40	19.35	20
15	256QAM	36	20	19.29	19.36	19.31	

15	256QAM	36	39	19.24	19.23	19.24	
15	256QAM	75	0	19.33	19.38	19.29	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.36	24.36	24.37	25
10	QPSK	1	25	24.35	24.30	24.28	
10	QPSK	1	49	24.31	24.28	24.25	
10	QPSK	25	0	23.42	23.40	23.39	24
10	QPSK	25	12	23.38	23.37	23.36	
10	QPSK	25	25	23.37	23.35	23.34	
10	QPSK	50	0	23.39	23.37	23.37	
10	16QAM	1	0	23.52	23.56	23.57	24
10	16QAM	1	25	23.57	23.56	23.53	
10	16QAM	1	49	23.53	23.52	23.41	
10	16QAM	25	0	22.35	22.36	22.35	23
10	16QAM	25	12	22.35	22.34	22.31	
10	16QAM	25	25	22.34	22.33	22.28	
10	16QAM	50	0	22.34	22.34	22.33	
10	64QAM	1	0	22.39	22.44	22.44	23
10	64QAM	1	25	22.37	22.39	22.38	
10	64QAM	1	49	22.42	22.40	22.31	
10	64QAM	25	0	21.34	21.34	21.34	22
10	64QAM	25	12	21.33	21.32	21.32	
10	64QAM	25	25	21.31	21.32	21.27	
10	64QAM	50	0	21.34	21.33	21.32	
10	256QAM	1	0	19.54	19.58	19.61	20
10	256QAM	1	25	19.18	19.21	19.20	
10	256QAM	1	49	19.21	19.26	19.16	
10	256QAM	25	0	19.39	19.43	19.32	20
10	256QAM	25	12	19.32	19.33	19.28	
10	256QAM	25	25	19.25	19.25	19.20	
10	256QAM	50	0	19.34	19.38	19.29	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.37	24.38	24.37	25
5	QPSK	1	12	24.27	24.27	24.17	
5	QPSK	1	24	24.32	24.24	24.18	
5	QPSK	12	0	23.30	23.30	23.30	24
5	QPSK	12	7	23.26	23.28	23.25	
5	QPSK	12	13	23.27	23.30	23.26	
5	QPSK	25	0	23.33	23.33	23.30	
5	16QAM	1	0	23.51	23.57	23.62	24
5	16QAM	1	12	23.57	23.58	23.54	
5	16QAM	1	24	23.53	23.53	23.43	
5	16QAM	12	0	22.25	22.30	22.29	23
5	16QAM	12	7	22.29	22.31	22.27	
5	16QAM	12	13	22.27	22.27	22.22	
5	16QAM	25	0	22.28	22.27	22.26	
5	64QAM	1	0	22.42	22.47	22.50	23
5	64QAM	1	12	22.54	22.58	22.54	
5	64QAM	1	24	22.41	22.41	22.34	
5	64QAM	12	0	21.29	21.31	21.31	22
5	64QAM	12	7	21.30	21.31	21.28	
5	64QAM	12	13	21.29	21.30	21.26	
5	64QAM	25	0	21.27	21.28	21.25	
5	256QAM	1	0	19.54	19.60	19.61	20
5	256QAM	1	12	19.16	19.22	19.17	
5	256QAM	1	24	19.21	19.26	19.21	
5	256QAM	12	0	19.39	19.44	19.36	20
5	256QAM	12	7	19.31	19.33	19.28	
5	256QAM	12	13	19.22	19.28	19.22	
5	256QAM	25	0	19.30	19.37	19.29	

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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	24.38	24.43	24.44	25
20	QPSK	1	49	24.31	24.18	24.32	
20	QPSK	1	99	24.23	24.30	24.23	
20	QPSK	50	0	23.40	23.43	23.41	24
20	QPSK	50	24	23.37	23.38	23.36	
20	QPSK	50	50	23.32	23.35	23.32	
20	QPSK	100	0	23.35	23.37	23.35	
20	16QAM	1	0	23.51	23.61	23.64	24
20	16QAM	1	49	23.57	23.60	23.57	
20	16QAM	1	99	23.53	23.53	23.42	
20	16QAM	50	0	22.35	22.37	22.37	23
20	16QAM	50	24	22.32	22.35	22.34	
20	16QAM	50	50	22.31	22.31	22.30	
20	16QAM	100	0	22.32	22.35	22.36	
20	64QAM	1	0	22.40	22.51	22.54	23
20	64QAM	1	49	22.48	22.52	22.48	
20	64QAM	1	99	22.43	22.42	22.29	
20	64QAM	50	0	21.36	21.38	21.39	22
20	64QAM	50	24	21.33	21.35	21.33	
20	64QAM	50	50	21.30	21.30	21.29	
20	64QAM	100	0	21.31	21.33	21.31	
20	256QAM	1	0	19.59	19.66	19.66	20
20	256QAM	1	49	19.24	19.27	19.24	
20	256QAM	1	99	19.26	19.29	19.24	
20	256QAM	50	0	19.42	19.47	19.40	20
20	256QAM	50	24	19.37	19.40	19.34	
20	256QAM	50	50	19.28	19.31	19.27	
20	256QAM	100	0	19.38	19.42	19.37	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.38	24.38	24.37	25
15	QPSK	1	37	24.18	24.17	24.15	
15	QPSK	1	74	24.30	24.28	24.22	
15	QPSK	36	0	23.37	23.39	23.35	24
15	QPSK	36	20	23.36	23.34	23.30	
15	QPSK	36	39	23.34	23.33	23.29	
15	QPSK	75	0	23.36	23.35	23.31	
15	16QAM	1	0	23.57	23.63	23.60	24
15	16QAM	1	37	23.65	23.64	23.60	
15	16QAM	1	74	23.55	23.50	23.39	
15	16QAM	36	0	22.35	22.35	22.32	23
15	16QAM	36	20	22.32	22.32	22.29	
15	16QAM	36	39	22.30	22.30	22.25	
15	16QAM	75	0	22.32	22.33	22.27	
15	64QAM	1	0	22.45	22.53	22.48	23
15	64QAM	1	37	22.57	22.60	22.59	
15	64QAM	1	74	22.43	22.39	22.27	
15	64QAM	36	0	21.35	21.35	21.32	22
15	64QAM	36	20	21.33	21.29	21.29	
15	64QAM	36	39	21.31	21.31	21.25	
15	64QAM	75	0	21.29	21.29	21.26	
15	256QAM	1	0	19.51	19.59	19.63	20
15	256QAM	1	37	19.21	19.19	19.17	
15	256QAM	1	74	19.18	19.22	19.19	
15	256QAM	36	0	19.39	19.40	19.35	20
15	256QAM	36	20	19.29	19.36	19.31	

15	256QAM	36	39	19.24	19.23	19.24	
15	256QAM	75	0	19.33	19.38	19.29	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.36	24.36	24.37	25
10	QPSK	1	25	24.35	24.30	24.28	
10	QPSK	1	49	24.31	24.28	24.25	
10	QPSK	25	0	23.42	23.40	23.39	24
10	QPSK	25	12	23.38	23.37	23.36	
10	QPSK	25	25	23.37	23.35	23.34	
10	QPSK	50	0	23.39	23.37	23.37	
10	16QAM	1	0	23.52	23.56	23.57	24
10	16QAM	1	25	23.57	23.56	23.53	
10	16QAM	1	49	23.53	23.52	23.41	
10	16QAM	25	0	22.35	22.36	22.35	23
10	16QAM	25	12	22.35	22.34	22.31	
10	16QAM	25	25	22.34	22.33	22.28	
10	16QAM	50	0	22.34	22.34	22.33	
10	64QAM	1	0	22.39	22.44	22.44	23
10	64QAM	1	25	22.37	22.39	22.38	
10	64QAM	1	49	22.42	22.40	22.31	
10	64QAM	25	0	21.34	21.34	21.34	22
10	64QAM	25	12	21.33	21.32	21.32	
10	64QAM	25	25	21.31	21.32	21.27	
10	64QAM	50	0	21.34	21.33	21.32	
10	256QAM	1	0	19.54	19.58	19.61	20
10	256QAM	1	25	19.18	19.21	19.20	
10	256QAM	1	49	19.21	19.26	19.16	
10	256QAM	25	0	19.39	19.43	19.32	20
10	256QAM	25	12	19.32	19.33	19.28	
10	256QAM	25	25	19.25	19.25	19.20	
10	256QAM	50	0	19.34	19.38	19.29	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.37	24.38	24.37	25
5	QPSK	1	12	24.27	24.27	24.17	
5	QPSK	1	24	24.32	24.24	24.18	
5	QPSK	12	0	23.30	23.30	23.30	24
5	QPSK	12	7	23.26	23.28	23.25	
5	QPSK	12	13	23.27	23.30	23.26	
5	QPSK	25	0	23.33	23.33	23.30	
5	16QAM	1	0	23.51	23.57	23.62	24
5	16QAM	1	12	23.57	23.58	23.54	
5	16QAM	1	24	23.53	23.53	23.43	
5	16QAM	12	0	22.25	22.30	22.29	23
5	16QAM	12	7	22.29	22.31	22.27	
5	16QAM	12	13	22.27	22.27	22.22	
5	16QAM	25	0	22.28	22.27	22.26	
5	64QAM	1	0	22.42	22.47	22.50	23
5	64QAM	1	12	22.54	22.58	22.54	
5	64QAM	1	24	22.41	22.41	22.34	
5	64QAM	12	0	21.29	21.31	21.31	22
5	64QAM	12	7	21.30	21.31	21.28	
5	64QAM	12	13	21.29	21.30	21.26	
5	64QAM	25	0	21.27	21.28	21.25	
5	256QAM	1	0	19.54	19.60	19.61	20
5	256QAM	1	12	19.16	19.22	19.17	
5	256QAM	1	24	19.21	19.26	19.21	
5	256QAM	12	0	19.39	19.44	19.36	20
5	256QAM	12	7	19.31	19.33	19.28	
5	256QAM	12	13	19.22	19.28	19.22	
5	256QAM	25	0	19.30	19.37	19.29	

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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	23.10	23.12	23.15	23.8
20	QPSK	1	49	22.81	22.81	22.81	
20	QPSK	1	99	22.93	22.93	22.92	
20	QPSK	50	0	23.09	23.11	23.14	23.8
20	QPSK	50	24	23.03	23.05	23.05	
20	QPSK	50	50	22.98	23.01	23.00	
20	QPSK	100	0	23.02	23.03	23.05	
20	16QAM	1	0	23.19	23.33	23.35	23.8
20	16QAM	1	49	23.22	23.24	23.19	
20	16QAM	1	99	23.14	23.12	23.01	
20	16QAM	50	0	22.34	22.38	22.37	23
20	16QAM	50	24	22.31	22.30	22.33	
20	16QAM	50	50	22.26	22.26	22.25	
20	16QAM	100	0	22.33	22.34	22.32	
20	64QAM	1	0	22.44	22.55	22.60	23
20	64QAM	1	49	22.42	22.48	22.46	
20	64QAM	1	99	22.36	22.35	22.24	
20	64QAM	50	0	21.37	21.40	21.38	22
20	64QAM	50	24	21.32	21.33	21.33	
20	64QAM	50	50	21.27	21.27	21.28	
20	64QAM	100	0	21.29	21.30	21.32	
20	256QAM	1	0	19.57	19.61	19.61	20
20	256QAM	1	49	19.18	19.24	19.14	
20	256QAM	1	99	19.23	19.22	19.23	
20	256QAM	50	0	19.35	19.47	19.34	20
20	256QAM	50	24	19.27	19.30	19.28	
20	256QAM	50	50	19.27	19.27	19.26	
20	256QAM	100	0	19.28	19.38	19.30	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.05	23.06	23.09	23.8
15	QPSK	1	37	22.80	22.78	22.80	
15	QPSK	1	74	22.86	22.93	22.84	
15	QPSK	36	0	23.02	23.07	23.12	23.8
15	QPSK	36	20	22.96	22.99	23.02	
15	QPSK	36	39	22.93	22.93	22.97	
15	QPSK	75	0	22.92	22.97	22.98	
15	16QAM	1	0	23.10	23.33	23.30	23.8
15	16QAM	1	37	23.20	23.17	23.14	
15	16QAM	1	74	23.07	23.12	23.00	
15	16QAM	36	0	22.31	22.36	22.29	23
15	16QAM	36	20	22.31	22.21	22.33	
15	16QAM	36	39	22.23	22.20	22.20	
15	16QAM	75	0	22.32	22.29	22.24	
15	64QAM	1	0	22.43	22.55	22.52	23
15	64QAM	1	37	22.39	22.48	22.42	
15	64QAM	1	74	22.34	22.26	22.21	
15	64QAM	36	0	21.27	21.34	21.29	22
15	64QAM	36	20	21.27	21.31	21.28	
15	64QAM	36	39	21.23	21.19	21.27	
15	64QAM	75	0	21.24	21.25	21.23	
15	256QAM	1	0	19.49	19.59	19.58	20
15	256QAM	1	37	19.14	19.15	19.12	
15	256QAM	1	74	19.19	19.14	19.15	
15	256QAM	36	0	19.30	19.38	19.30	20
15	256QAM	36	20	19.17	19.25	19.24	

15	256QAM	36	39	19.19	19.17	19.22	
15	256QAM	75	0	19.19	19.30	19.21	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.08	23.09	23.10	23.8
10	QPSK	1	25	22.79	22.73	22.79	
10	QPSK	1	49	22.84	22.83	22.86	
10	QPSK	25	0	22.99	23.03	23.04	23.8
10	QPSK	25	12	22.95	23.02	22.98	
10	QPSK	25	25	22.95	22.92	22.96	
10	QPSK	50	0	22.98	22.93	23.03	
10	16QAM	1	0	23.17	23.33	23.28	23.8
10	16QAM	1	25	23.21	23.14	23.17	
10	16QAM	1	49	23.08	23.11	22.91	
10	16QAM	25	0	22.34	22.34	22.30	23
10	16QAM	25	12	22.28	22.30	22.29	
10	16QAM	25	25	22.21	22.21	22.20	
10	16QAM	50	0	22.23	22.29	22.29	
10	64QAM	1	0	22.37	22.48	22.54	23
10	64QAM	1	25	22.41	22.48	22.46	
10	64QAM	1	49	22.32	22.28	22.23	
10	64QAM	25	0	21.27	21.35	21.37	22
10	64QAM	25	12	21.24	21.28	21.30	
10	64QAM	25	25	21.26	21.24	21.28	
10	64QAM	50	0	21.23	21.26	21.32	
10	256QAM	1	0	19.56	19.56	19.59	20
10	256QAM	1	25	19.16	19.22	19.06	
10	256QAM	1	49	19.15	19.22	19.19	
10	256QAM	25	0	19.28	19.47	19.30	20
10	256QAM	25	12	19.23	19.23	19.26	
10	256QAM	25	25	19.17	19.27	19.21	
10	256QAM	50	0	19.25	19.30	19.30	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.09	23.07	23.10	23.8
5	QPSK	1	12	22.76	22.80	22.71	
5	QPSK	1	24	22.86	22.93	22.91	
5	QPSK	12	0	23.06	23.08	23.10	23.8
5	QPSK	12	7	22.95	23.02	22.99	
5	QPSK	12	13	22.94	22.96	22.92	
5	QPSK	25	0	23.00	22.97	22.98	
5	16QAM	1	0	23.15	23.31	23.30	23.8
5	16QAM	1	12	23.20	23.16	23.13	
5	16QAM	1	24	23.07	23.04	22.94	
5	16QAM	12	0	22.30	22.33	22.37	23
5	16QAM	12	7	22.26	22.20	22.29	
5	16QAM	12	13	22.20	22.26	22.22	
5	16QAM	25	0	22.32	22.29	22.28	
5	64QAM	1	0	22.34	22.50	22.59	23
5	64QAM	1	12	22.40	22.43	22.43	
5	64QAM	1	24	22.28	22.26	22.16	
5	64QAM	12	0	21.33	21.33	21.32	22
5	64QAM	12	7	21.31	21.29	21.32	
5	64QAM	12	13	21.21	21.17	21.28	
5	64QAM	25	0	21.26	21.28	21.32	
5	256QAM	1	0	19.52	19.60	19.57	20
5	256QAM	1	12	19.16	19.22	19.07	
5	256QAM	1	24	19.21	19.18	19.22	
5	256QAM	12	0	19.25	19.43	19.29	20
5	256QAM	12	7	19.17	19.21	19.27	
5	256QAM	12	13	19.25	19.27	19.20	
5	256QAM	25	0	19.18	19.32	19.29	

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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	24.38	24.43	24.44	25
20	QPSK	1	49	24.31	24.18	24.32	
20	QPSK	1	99	24.23	24.30	24.23	
20	QPSK	50	0	23.40	23.43	23.41	24
20	QPSK	50	24	23.37	23.38	23.36	
20	QPSK	50	50	23.32	23.35	23.32	
20	QPSK	100	0	23.35	23.37	23.35	
20	16QAM	1	0	23.51	23.61	23.64	24
20	16QAM	1	49	23.57	23.60	23.57	
20	16QAM	1	99	23.53	23.53	23.42	
20	16QAM	50	0	22.35	22.37	22.37	23
20	16QAM	50	24	22.32	22.35	22.34	
20	16QAM	50	50	22.31	22.31	22.30	
20	16QAM	100	0	22.32	22.35	22.36	
20	64QAM	1	0	22.40	22.51	22.54	23
20	64QAM	1	49	22.48	22.52	22.48	
20	64QAM	1	99	22.43	22.42	22.29	
20	64QAM	50	0	21.36	21.38	21.39	22
20	64QAM	50	24	21.33	21.35	21.33	
20	64QAM	50	50	21.30	21.30	21.29	
20	64QAM	100	0	21.31	21.33	21.31	
20	256QAM	1	0	19.59	19.66	19.66	20
20	256QAM	1	49	19.24	19.27	19.24	
20	256QAM	1	99	19.26	19.29	19.24	
20	256QAM	50	0	19.42	19.47	19.40	20
20	256QAM	50	24	19.37	19.40	19.34	
20	256QAM	50	50	19.28	19.31	19.27	
20	256QAM	100	0	19.38	19.42	19.37	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.38	24.38	24.37	25
15	QPSK	1	37	24.18	24.17	24.15	
15	QPSK	1	74	24.30	24.28	24.22	
15	QPSK	36	0	23.37	23.39	23.35	24
15	QPSK	36	20	23.36	23.34	23.30	
15	QPSK	36	39	23.34	23.33	23.29	
15	QPSK	75	0	23.36	23.35	23.31	
15	16QAM	1	0	23.57	23.63	23.60	24
15	16QAM	1	37	23.65	23.64	23.60	
15	16QAM	1	74	23.55	23.50	23.39	
15	16QAM	36	0	22.35	22.35	22.32	23
15	16QAM	36	20	22.32	22.32	22.29	
15	16QAM	36	39	22.30	22.30	22.25	
15	16QAM	75	0	22.32	22.33	22.27	
15	64QAM	1	0	22.45	22.53	22.48	23
15	64QAM	1	37	22.57	22.60	22.59	
15	64QAM	1	74	22.43	22.39	22.27	
15	64QAM	36	0	21.35	21.35	21.32	22
15	64QAM	36	20	21.33	21.29	21.29	
15	64QAM	36	39	21.31	21.31	21.25	
15	64QAM	75	0	21.29	21.29	21.26	
15	256QAM	1	0	19.51	19.59	19.63	20
15	256QAM	1	37	19.21	19.19	19.17	
15	256QAM	1	74	19.18	19.22	19.19	
15	256QAM	36	0	19.39	19.40	19.35	20
15	256QAM	36	20	19.29	19.36	19.31	

15	256QAM	36	39	19.24	19.23	19.24	
15	256QAM	75	0	19.33	19.38	19.29	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.36	24.36	24.37	25
10	QPSK	1	25	24.35	24.30	24.28	
10	QPSK	1	49	24.31	24.28	24.25	
10	QPSK	25	0	23.42	23.40	23.39	24
10	QPSK	25	12	23.38	23.37	23.36	
10	QPSK	25	25	23.37	23.35	23.34	
10	QPSK	50	0	23.39	23.37	23.37	
10	16QAM	1	0	23.52	23.56	23.57	24
10	16QAM	1	25	23.57	23.56	23.53	
10	16QAM	1	49	23.53	23.52	23.41	
10	16QAM	25	0	22.35	22.36	22.35	23
10	16QAM	25	12	22.35	22.34	22.31	
10	16QAM	25	25	22.34	22.33	22.28	
10	16QAM	50	0	22.34	22.34	22.33	
10	64QAM	1	0	22.39	22.44	22.44	23
10	64QAM	1	25	22.37	22.39	22.38	
10	64QAM	1	49	22.42	22.40	22.31	
10	64QAM	25	0	21.34	21.34	21.34	22
10	64QAM	25	12	21.33	21.32	21.32	
10	64QAM	25	25	21.31	21.32	21.27	
10	64QAM	50	0	21.34	21.33	21.32	
10	256QAM	1	0	19.54	19.58	19.61	20
10	256QAM	1	25	19.18	19.21	19.20	
10	256QAM	1	49	19.21	19.26	19.16	
10	256QAM	25	0	19.39	19.43	19.32	20
10	256QAM	25	12	19.32	19.33	19.28	
10	256QAM	25	25	19.25	19.25	19.20	
10	256QAM	50	0	19.34	19.38	19.29	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.37	24.38	24.37	25
5	QPSK	1	12	24.27	24.27	24.17	
5	QPSK	1	24	24.32	24.24	24.18	
5	QPSK	12	0	23.30	23.30	23.30	24
5	QPSK	12	7	23.26	23.28	23.25	
5	QPSK	12	13	23.27	23.30	23.26	
5	QPSK	25	0	23.33	23.33	23.30	
5	16QAM	1	0	23.51	23.57	23.62	24
5	16QAM	1	12	23.57	23.58	23.54	
5	16QAM	1	24	23.53	23.53	23.43	
5	16QAM	12	0	22.25	22.30	22.29	23
5	16QAM	12	7	22.29	22.31	22.27	
5	16QAM	12	13	22.27	22.27	22.22	
5	16QAM	25	0	22.28	22.27	22.26	
5	64QAM	1	0	22.42	22.47	22.50	23
5	64QAM	1	12	22.54	22.58	22.54	
5	64QAM	1	24	22.41	22.41	22.34	
5	64QAM	12	0	21.29	21.31	21.31	22
5	64QAM	12	7	21.30	21.31	21.28	
5	64QAM	12	13	21.29	21.30	21.26	
5	64QAM	25	0	21.27	21.28	21.25	
5	256QAM	1	0	19.54	19.60	19.61	20
5	256QAM	1	12	19.16	19.22	19.17	
5	256QAM	1	24	19.21	19.26	19.21	
5	256QAM	12	0	19.39	19.44	19.36	20
5	256QAM	12	7	19.31	19.33	19.28	
5	256QAM	12	13	19.22	19.28	19.22	
5	256QAM	25	0	19.30	19.37	19.29	

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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	24.38	24.43	24.44	25
20	QPSK	1	49	24.31	24.18	24.32	
20	QPSK	1	99	24.23	24.30	24.23	
20	QPSK	50	0	23.40	23.43	23.41	24
20	QPSK	50	24	23.37	23.38	23.36	
20	QPSK	50	50	23.32	23.35	23.32	
20	QPSK	100	0	23.35	23.37	23.35	
20	16QAM	1	0	23.51	23.61	23.64	24
20	16QAM	1	49	23.57	23.60	23.57	
20	16QAM	1	99	23.53	23.53	23.42	
20	16QAM	50	0	22.35	22.37	22.37	23
20	16QAM	50	24	22.32	22.35	22.34	
20	16QAM	50	50	22.31	22.31	22.30	
20	16QAM	100	0	22.32	22.35	22.36	
20	64QAM	1	0	22.40	22.51	22.54	23
20	64QAM	1	49	22.48	22.52	22.48	
20	64QAM	1	99	22.43	22.42	22.29	
20	64QAM	50	0	21.36	21.38	21.39	22
20	64QAM	50	24	21.33	21.35	21.33	
20	64QAM	50	50	21.30	21.30	21.29	
20	64QAM	100	0	21.31	21.33	21.31	
20	256QAM	1	0	19.59	19.66	19.66	20
20	256QAM	1	49	19.24	19.27	19.24	
20	256QAM	1	99	19.26	19.29	19.24	
20	256QAM	50	0	19.42	19.47	19.40	20
20	256QAM	50	24	19.37	19.40	19.34	
20	256QAM	50	50	19.28	19.31	19.27	
20	256QAM	100	0	19.38	19.42	19.37	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.38	24.38	24.37	25
15	QPSK	1	37	24.18	24.17	24.15	
15	QPSK	1	74	24.30	24.28	24.22	
15	QPSK	36	0	23.37	23.39	23.35	24
15	QPSK	36	20	23.36	23.34	23.30	
15	QPSK	36	39	23.34	23.33	23.29	
15	QPSK	75	0	23.36	23.35	23.31	
15	16QAM	1	0	23.57	23.63	23.60	24
15	16QAM	1	37	23.65	23.64	23.60	
15	16QAM	1	74	23.55	23.50	23.39	
15	16QAM	36	0	22.35	22.35	22.32	23
15	16QAM	36	20	22.32	22.32	22.29	
15	16QAM	36	39	22.30	22.30	22.25	
15	16QAM	75	0	22.32	22.33	22.27	
15	64QAM	1	0	22.45	22.53	22.48	23
15	64QAM	1	37	22.57	22.60	22.59	
15	64QAM	1	74	22.43	22.39	22.27	
15	64QAM	36	0	21.35	21.35	21.32	22
15	64QAM	36	20	21.33	21.29	21.29	
15	64QAM	36	39	21.31	21.31	21.25	
15	64QAM	75	0	21.29	21.29	21.26	
15	256QAM	1	0	19.51	19.59	19.63	20
15	256QAM	1	37	19.21	19.19	19.17	
15	256QAM	1	74	19.18	19.22	19.19	
15	256QAM	36	0	19.39	19.40	19.35	20
15	256QAM	36	20	19.29	19.36	19.31	

15	256QAM	36	39	19.24	19.23	19.24	
15	256QAM	75	0	19.33	19.38	19.29	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.36	24.36	24.37	25
10	QPSK	1	25	24.35	24.30	24.28	
10	QPSK	1	49	24.31	24.28	24.25	
10	QPSK	25	0	23.42	23.40	23.39	24
10	QPSK	25	12	23.38	23.37	23.36	
10	QPSK	25	25	23.37	23.35	23.34	
10	QPSK	50	0	23.39	23.37	23.37	
10	16QAM	1	0	23.52	23.56	23.57	24
10	16QAM	1	25	23.57	23.56	23.53	
10	16QAM	1	49	23.53	23.52	23.41	
10	16QAM	25	0	22.35	22.36	22.35	23
10	16QAM	25	12	22.35	22.34	22.31	
10	16QAM	25	25	22.34	22.33	22.28	
10	16QAM	50	0	22.34	22.34	22.33	
10	64QAM	1	0	22.39	22.44	22.44	23
10	64QAM	1	25	22.37	22.39	22.38	
10	64QAM	1	49	22.42	22.40	22.31	
10	64QAM	25	0	21.34	21.34	21.34	22
10	64QAM	25	12	21.33	21.32	21.32	
10	64QAM	25	25	21.31	21.32	21.27	
10	64QAM	50	0	21.34	21.33	21.32	
10	256QAM	1	0	19.54	19.58	19.61	20
10	256QAM	1	25	19.18	19.21	19.20	
10	256QAM	1	49	19.21	19.26	19.16	
10	256QAM	25	0	19.39	19.43	19.32	20
10	256QAM	25	12	19.32	19.33	19.28	
10	256QAM	25	25	19.25	19.25	19.20	
10	256QAM	50	0	19.34	19.38	19.29	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.37	24.38	24.37	25
5	QPSK	1	12	24.27	24.27	24.17	
5	QPSK	1	24	24.32	24.24	24.18	
5	QPSK	12	0	23.30	23.30	23.30	24
5	QPSK	12	7	23.26	23.28	23.25	
5	QPSK	12	13	23.27	23.30	23.26	
5	QPSK	25	0	23.33	23.33	23.30	
5	16QAM	1	0	23.51	23.57	23.62	24
5	16QAM	1	12	23.57	23.58	23.54	
5	16QAM	1	24	23.53	23.53	23.43	
5	16QAM	12	0	22.25	22.30	22.29	23
5	16QAM	12	7	22.29	22.31	22.27	
5	16QAM	12	13	22.27	22.27	22.22	
5	16QAM	25	0	22.28	22.27	22.26	
5	64QAM	1	0	22.42	22.47	22.50	23
5	64QAM	1	12	22.54	22.58	22.54	
5	64QAM	1	24	22.41	22.41	22.34	
5	64QAM	12	0	21.29	21.31	21.31	22
5	64QAM	12	7	21.30	21.31	21.28	
5	64QAM	12	13	21.29	21.30	21.26	
5	64QAM	25	0	21.27	21.28	21.25	
5	256QAM	1	0	19.54	19.60	19.61	20
5	256QAM	1	12	19.16	19.22	19.17	
5	256QAM	1	24	19.21	19.26	19.21	
5	256QAM	12	0	19.39	19.44	19.36	20
5	256QAM	12	7	19.31	19.33	19.28	
5	256QAM	12	13	19.22	19.28	19.22	
5	256QAM	25	0	19.30	19.37	19.29	

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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	24.38	24.43	24.44	25
20	QPSK	1	49	24.31	24.18	24.32	
20	QPSK	1	99	24.23	24.30	24.23	
20	QPSK	50	0	23.40	23.43	23.41	24
20	QPSK	50	24	23.37	23.38	23.36	
20	QPSK	50	50	23.32	23.35	23.32	
20	QPSK	100	0	23.35	23.37	23.35	
20	16QAM	1	0	23.51	23.61	23.64	24
20	16QAM	1	49	23.57	23.60	23.57	
20	16QAM	1	99	23.53	23.53	23.42	
20	16QAM	50	0	22.35	22.37	22.37	23
20	16QAM	50	24	22.32	22.35	22.34	
20	16QAM	50	50	22.31	22.31	22.30	
20	16QAM	100	0	22.32	22.35	22.36	
20	64QAM	1	0	22.40	22.51	22.54	23
20	64QAM	1	49	22.48	22.52	22.48	
20	64QAM	1	99	22.43	22.42	22.29	
20	64QAM	50	0	21.36	21.38	21.39	22
20	64QAM	50	24	21.33	21.35	21.33	
20	64QAM	50	50	21.30	21.30	21.29	
20	64QAM	100	0	21.31	21.33	21.31	
20	256QAM	1	0	19.59	19.66	19.66	20
20	256QAM	1	49	19.24	19.27	19.24	
20	256QAM	1	99	19.26	19.29	19.24	
20	256QAM	50	0	19.42	19.47	19.40	20
20	256QAM	50	24	19.37	19.40	19.34	
20	256QAM	50	50	19.28	19.31	19.27	
20	256QAM	100	0	19.38	19.42	19.37	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.38	24.38	24.37	25
15	QPSK	1	37	24.18	24.17	24.15	
15	QPSK	1	74	24.30	24.28	24.22	
15	QPSK	36	0	23.37	23.39	23.35	24
15	QPSK	36	20	23.36	23.34	23.30	
15	QPSK	36	39	23.34	23.33	23.29	
15	QPSK	75	0	23.36	23.35	23.31	
15	16QAM	1	0	23.57	23.63	23.60	24
15	16QAM	1	37	23.65	23.64	23.60	
15	16QAM	1	74	23.55	23.50	23.39	
15	16QAM	36	0	22.35	22.35	22.32	23
15	16QAM	36	20	22.32	22.32	22.29	
15	16QAM	36	39	22.30	22.30	22.25	
15	16QAM	75	0	22.32	22.33	22.27	
15	64QAM	1	0	22.45	22.53	22.48	23
15	64QAM	1	37	22.57	22.60	22.59	
15	64QAM	1	74	22.43	22.39	22.27	
15	64QAM	36	0	21.35	21.35	21.32	22
15	64QAM	36	20	21.33	21.29	21.29	
15	64QAM	36	39	21.31	21.31	21.25	
15	64QAM	75	0	21.29	21.29	21.26	
15	256QAM	1	0	19.51	19.59	19.63	20
15	256QAM	1	37	19.21	19.19	19.17	
15	256QAM	1	74	19.18	19.22	19.19	
15	256QAM	36	0	19.39	19.40	19.35	20
15	256QAM	36	20	19.29	19.36	19.31	

15	256QAM	36	39	19.24	19.23	19.24	
15	256QAM	75	0	19.33	19.38	19.29	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.36	24.36	24.37	25
10	QPSK	1	25	24.35	24.30	24.28	
10	QPSK	1	49	24.31	24.28	24.25	
10	QPSK	25	0	23.42	23.40	23.39	24
10	QPSK	25	12	23.38	23.37	23.36	
10	QPSK	25	25	23.37	23.35	23.34	
10	QPSK	50	0	23.39	23.37	23.37	
10	16QAM	1	0	23.52	23.56	23.57	24
10	16QAM	1	25	23.57	23.56	23.53	
10	16QAM	1	49	23.53	23.52	23.41	
10	16QAM	25	0	22.35	22.36	22.35	23
10	16QAM	25	12	22.35	22.34	22.31	
10	16QAM	25	25	22.34	22.33	22.28	
10	16QAM	50	0	22.34	22.34	22.33	
10	64QAM	1	0	22.39	22.44	22.44	23
10	64QAM	1	25	22.37	22.39	22.38	
10	64QAM	1	49	22.42	22.40	22.31	
10	64QAM	25	0	21.34	21.34	21.34	22
10	64QAM	25	12	21.33	21.32	21.32	
10	64QAM	25	25	21.31	21.32	21.27	
10	64QAM	50	0	21.34	21.33	21.32	
10	256QAM	1	0	19.54	19.58	19.61	20
10	256QAM	1	25	19.18	19.21	19.20	
10	256QAM	1	49	19.21	19.26	19.16	
10	256QAM	25	0	19.39	19.43	19.32	20
10	256QAM	25	12	19.32	19.33	19.28	
10	256QAM	25	25	19.25	19.25	19.20	
10	256QAM	50	0	19.34	19.38	19.29	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.37	24.38	24.37	25
5	QPSK	1	12	24.27	24.27	24.17	
5	QPSK	1	24	24.32	24.24	24.18	
5	QPSK	12	0	23.30	23.30	23.30	24
5	QPSK	12	7	23.26	23.28	23.25	
5	QPSK	12	13	23.27	23.30	23.26	
5	QPSK	25	0	23.33	23.33	23.30	
5	16QAM	1	0	23.51	23.57	23.62	24
5	16QAM	1	12	23.57	23.58	23.54	
5	16QAM	1	24	23.53	23.53	23.43	
5	16QAM	12	0	22.25	22.30	22.29	23
5	16QAM	12	7	22.29	22.31	22.27	
5	16QAM	12	13	22.27	22.27	22.22	
5	16QAM	25	0	22.28	22.27	22.26	
5	64QAM	1	0	22.42	22.47	22.50	23
5	64QAM	1	12	22.54	22.58	22.54	
5	64QAM	1	24	22.41	22.41	22.34	
5	64QAM	12	0	21.29	21.31	21.31	22
5	64QAM	12	7	21.30	21.31	21.28	
5	64QAM	12	13	21.29	21.30	21.26	
5	64QAM	25	0	21.27	21.28	21.25	
5	256QAM	1	0	19.54	19.60	19.61	20
5	256QAM	1	12	19.16	19.22	19.17	
5	256QAM	1	24	19.21	19.26	19.21	
5	256QAM	12	0	19.39	19.44	19.36	20
5	256QAM	12	7	19.31	19.33	19.28	
5	256QAM	12	13	19.22	19.28	19.22	
5	256QAM	25	0	19.30	19.37	19.29	

<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.

a. 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
b. "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
c. 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.

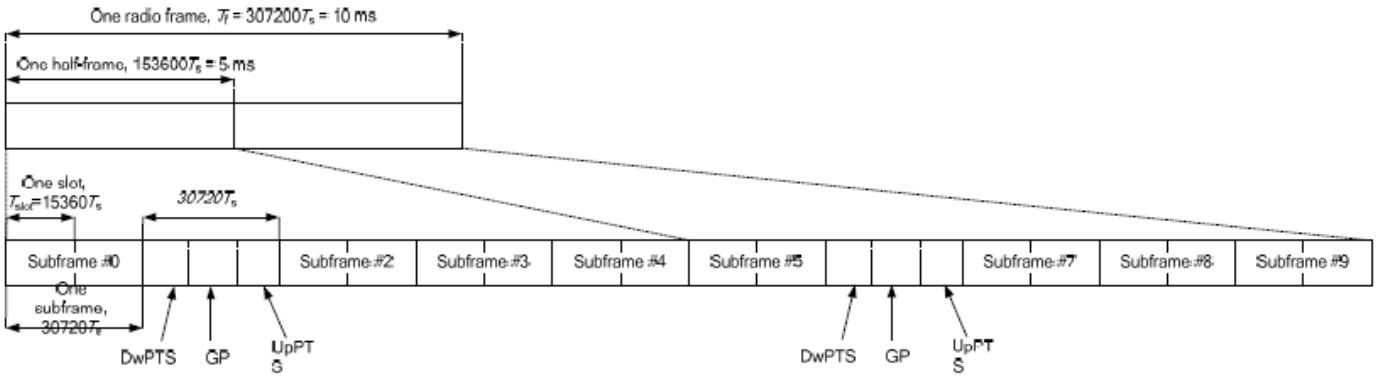

Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

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	$26336 \cdot T_s$			$7680 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$
5	$6592 \cdot T_s$	$4384 \cdot T_s$	$5120 \cdot T_s$	$20480 \cdot T_s$		
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 subfames, 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.

<LTE Band 38_Ant 0_Index 1>

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	23.67	23.58	23.53	25
20	QPSK	1	49	23.60	23.61	23.49	
20	QPSK	1	99	23.66	23.64	23.58	
20	QPSK	50	0	22.17	22.09	22.02	23.5
20	QPSK	50	24	22.17	22.09	22.02	
20	QPSK	50	50	22.16	22.08	22.03	
20	QPSK	100	0	22.16	22.09	22.00	
20	16QAM	1	0	22.70	22.61	22.56	24
20	16QAM	1	49	22.60	22.54	22.50	
20	16QAM	1	99	22.67	22.65	22.59	
20	16QAM	50	0	21.15	21.08	21.00	22.5
20	16QAM	50	24	21.15	21.07	20.99	
20	16QAM	50	50	21.15	21.09	21.03	
20	16QAM	100	0	21.15	21.07	20.99	
20	64QAM	1	0	21.36	21.27	21.22	23
20	64QAM	1	49	21.28	21.22	21.18	
20	64QAM	1	99	21.34	21.31	21.28	
20	64QAM	50	0	20.11	20.03	19.96	21.5
20	64QAM	50	24	20.09	20.03	19.97	
20	64QAM	50	50	20.12	20.06	20.00	
20	64QAM	100	0	20.10	20.03	19.95	
20	256QAM	1	0	18.66	18.56	18.46	20
20	256QAM	1	49	18.45	18.35	18.25	
20	256QAM	1	99	18.40	18.30	18.20	
20	256QAM	50	0	18.87	18.77	18.67	20
20	256QAM	50	24	18.81	18.71	18.61	
20	256QAM	50	50	18.78	18.68	18.58	
20	256QAM	100	0	18.79	18.69	18.59	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.60	23.63	23.59	25
15	QPSK	1	37	23.66	23.63	23.65	
15	QPSK	1	74	23.62	23.64	23.61	
15	QPSK	36	0	22.18	22.15	22.13	23.5
15	QPSK	36	20	22.16	22.17	22.12	
15	QPSK	36	39	22.17	22.16	22.12	
15	QPSK	75	0	22.21	22.20	22.17	
15	16QAM	1	0	22.73	22.71	22.67	24
15	16QAM	1	37	22.57	22.57	22.55	
15	16QAM	1	74	22.72	22.74	22.71	
15	16QAM	36	0	21.10	21.05	21.02	22.5
15	16QAM	36	20	21.09	21.06	21.01	
15	16QAM	36	39	21.10	21.08	21.05	
15	16QAM	75	0	21.17	21.16	21.14	
15	64QAM	1	0	21.42	21.38	21.35	23
15	64QAM	1	37	21.56	21.53	21.50	
15	64QAM	1	74	21.40	21.40	21.38	
15	64QAM	36	0	20.08	20.05	20.03	21.5
15	64QAM	36	20	20.08	20.05	20.01	
15	64QAM	36	39	20.08	20.05	20.02	
15	64QAM	75	0	20.15	20.13	20.10	
15	256QAM	1	0	18.61	18.46	18.44	20
15	256QAM	1	37	18.37	18.31	18.18	
15	256QAM	1	74	18.32	18.28	18.17	
15	256QAM	36	0	18.84	18.71	18.59	20
15	256QAM	36	20	18.72	18.67	18.61	

15	256QAM	36	39	18.75	18.67	18.53	
15	256QAM	75	0	18.76	18.66	18.59	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.63	23.62	23.66	25
10	QPSK	1	25	23.63	23.64	23.62	
10	QPSK	1	49	23.64	23.66	23.65	
10	QPSK	25	0	22.23	22.21	22.21	23.5
10	QPSK	25	12	22.20	22.21	22.21	
10	QPSK	25	25	22.24	22.23	22.22	
10	QPSK	50	0	22.23	22.21	22.20	
10	16QAM	1	0	22.77	22.73	22.76	24
10	16QAM	1	25	22.90	22.87	22.92	
10	16QAM	1	49	22.71	22.71	22.73	
10	16QAM	25	0	21.20	21.19	21.17	22.5
10	16QAM	25	12	21.19	21.17	21.19	
10	16QAM	25	25	21.20	21.19	21.18	
10	16QAM	50	0	21.20	21.19	21.18	
10	64QAM	1	0	21.41	21.37	21.37	23
10	64QAM	1	25	21.61	21.57	21.58	
10	64QAM	1	49	21.38	21.37	21.40	
10	64QAM	25	0	20.20	20.19	20.15	21.5
10	64QAM	25	12	20.19	20.17	20.17	
10	64QAM	25	25	20.21	20.19	20.18	
10	64QAM	50	0	20.18	20.15	20.15	
10	256QAM	1	0	18.63	18.49	18.38	20
10	256QAM	1	25	18.45	18.31	18.25	
10	256QAM	1	49	18.39	18.29	18.19	
10	256QAM	25	0	18.86	18.77	18.62	20
10	256QAM	25	12	18.75	18.67	18.61	
10	256QAM	25	25	18.74	18.63	18.50	
10	256QAM	50	0	18.74	18.60	18.57	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.62	23.64	23.65	25
5	QPSK	1	12	23.66	23.44	23.53	
5	QPSK	1	24	23.63	23.65	23.65	
5	QPSK	12	0	22.23	22.21	22.22	23.5
5	QPSK	12	7	22.25	22.23	22.21	
5	QPSK	12	13	22.21	22.21	22.22	
5	QPSK	25	0	22.23	22.24	22.23	
5	16QAM	1	0	22.67	22.63	22.68	24
5	16QAM	1	12	22.60	22.62	22.65	
5	16QAM	1	24	22.71	22.69	22.73	
5	16QAM	12	0	21.15	21.14	21.16	22.5
5	16QAM	12	7	21.13	21.10	21.12	
5	16QAM	12	13	21.15	21.13	21.15	
5	16QAM	25	0	21.20	21.20	21.20	
5	64QAM	1	0	21.42	21.38	21.44	23
5	64QAM	1	12	21.53	21.52	21.57	
5	64QAM	1	24	21.42	21.41	21.45	
5	64QAM	12	0	20.16	20.12	20.16	21.5
5	64QAM	12	7	20.15	20.11	20.13	
5	64QAM	12	13	20.15	20.14	20.17	
5	64QAM	25	0	20.19	20.19	20.19	
5	256QAM	1	0	18.66	18.50	18.43	20
5	256QAM	1	12	18.45	18.35	18.16	
5	256QAM	1	24	18.39	18.24	18.15	
5	256QAM	12	0	18.84	18.68	18.57	20
5	256QAM	12	7	18.75	18.66	18.57	
5	256QAM	12	13	18.74	18.58	18.52	
5	256QAM	25	0	18.71	18.65	18.52	

<LTE Band 38_Ant 0_Index 2>

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	23.67	23.58	23.53	25
20	QPSK	1	49	23.60	23.61	23.49	
20	QPSK	1	99	23.66	23.64	23.58	
20	QPSK	50	0	22.17	22.09	22.02	23.5
20	QPSK	50	24	22.17	22.09	22.02	
20	QPSK	50	50	22.16	22.08	22.03	
20	QPSK	100	0	22.16	22.09	22.00	
20	16QAM	1	0	22.70	22.61	22.56	24
20	16QAM	1	49	22.60	22.54	22.50	
20	16QAM	1	99	22.67	22.65	22.59	
20	16QAM	50	0	21.15	21.08	21.00	22.5
20	16QAM	50	24	21.15	21.07	20.99	
20	16QAM	50	50	21.15	21.09	21.03	
20	16QAM	100	0	21.15	21.07	20.99	
20	64QAM	1	0	21.36	21.27	21.22	23
20	64QAM	1	49	21.28	21.22	21.18	
20	64QAM	1	99	21.34	21.31	21.28	
20	64QAM	50	0	20.11	20.03	19.96	21.5
20	64QAM	50	24	20.09	20.03	19.97	
20	64QAM	50	50	20.12	20.06	20.00	
20	64QAM	100	0	20.10	20.03	19.95	
20	256QAM	1	0	18.66	18.56	18.46	20
20	256QAM	1	49	18.45	18.35	18.25	
20	256QAM	1	99	18.40	18.30	18.20	
20	256QAM	50	0	18.87	18.77	18.67	20
20	256QAM	50	24	18.81	18.71	18.61	
20	256QAM	50	50	18.78	18.68	18.58	
20	256QAM	100	0	18.79	18.69	18.59	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.60	23.63	23.59	25
15	QPSK	1	37	23.66	23.63	23.65	
15	QPSK	1	74	23.62	23.64	23.61	
15	QPSK	36	0	22.18	22.15	22.13	23.5
15	QPSK	36	20	22.16	22.17	22.12	
15	QPSK	36	39	22.17	22.16	22.12	
15	QPSK	75	0	22.21	22.20	22.17	
15	16QAM	1	0	22.73	22.71	22.67	24
15	16QAM	1	37	22.57	22.57	22.55	
15	16QAM	1	74	22.72	22.74	22.71	
15	16QAM	36	0	21.10	21.05	21.02	22.5
15	16QAM	36	20	21.09	21.06	21.01	
15	16QAM	36	39	21.10	21.08	21.05	
15	16QAM	75	0	21.17	21.16	21.14	
15	64QAM	1	0	21.42	21.38	21.35	23
15	64QAM	1	37	21.56	21.53	21.50	
15	64QAM	1	74	21.40	21.40	21.38	
15	64QAM	36	0	20.08	20.05	20.03	21.5
15	64QAM	36	20	20.08	20.05	20.01	
15	64QAM	36	39	20.08	20.05	20.02	
15	64QAM	75	0	20.15	20.13	20.10	
15	256QAM	1	0	18.61	18.46	18.44	20
15	256QAM	1	37	18.37	18.31	18.18	
15	256QAM	1	74	18.32	18.28	18.17	
15	256QAM	36	0	18.84	18.71	18.59	20
15	256QAM	36	20	18.72	18.67	18.61	

15	256QAM	36	39	18.75	18.67	18.53	
15	256QAM	75	0	18.76	18.66	18.59	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.63	23.62	23.66	25
10	QPSK	1	25	23.63	23.64	23.62	
10	QPSK	1	49	23.64	23.66	23.65	
10	QPSK	25	0	22.23	22.21	22.21	23.5
10	QPSK	25	12	22.20	22.21	22.21	
10	QPSK	25	25	22.24	22.23	22.22	
10	QPSK	50	0	22.23	22.21	22.20	
10	16QAM	1	0	22.77	22.73	22.76	24
10	16QAM	1	25	22.90	22.87	22.92	
10	16QAM	1	49	22.71	22.71	22.73	
10	16QAM	25	0	21.20	21.19	21.17	22.5
10	16QAM	25	12	21.19	21.17	21.19	
10	16QAM	25	25	21.20	21.19	21.18	
10	16QAM	50	0	21.20	21.19	21.18	
10	64QAM	1	0	21.41	21.37	21.37	23
10	64QAM	1	25	21.61	21.57	21.58	
10	64QAM	1	49	21.38	21.37	21.40	
10	64QAM	25	0	20.20	20.19	20.15	21.5
10	64QAM	25	12	20.19	20.17	20.17	
10	64QAM	25	25	20.21	20.19	20.18	
10	64QAM	50	0	20.18	20.15	20.15	
10	256QAM	1	0	18.63	18.49	18.38	20
10	256QAM	1	25	18.45	18.31	18.25	
10	256QAM	1	49	18.39	18.29	18.19	
10	256QAM	25	0	18.86	18.77	18.62	20
10	256QAM	25	12	18.75	18.67	18.61	
10	256QAM	25	25	18.74	18.63	18.50	
10	256QAM	50	0	18.74	18.60	18.57	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.62	23.64	23.65	25
5	QPSK	1	12	23.66	23.44	23.53	
5	QPSK	1	24	23.63	23.65	23.65	
5	QPSK	12	0	22.23	22.21	22.22	23.5
5	QPSK	12	7	22.25	22.23	22.21	
5	QPSK	12	13	22.21	22.21	22.22	
5	QPSK	25	0	22.23	22.24	22.23	
5	16QAM	1	0	22.67	22.63	22.68	24
5	16QAM	1	12	22.60	22.62	22.65	
5	16QAM	1	24	22.71	22.69	22.73	
5	16QAM	12	0	21.15	21.14	21.16	22.5
5	16QAM	12	7	21.13	21.10	21.12	
5	16QAM	12	13	21.15	21.13	21.15	
5	16QAM	25	0	21.20	21.20	21.20	
5	64QAM	1	0	21.42	21.38	21.44	23
5	64QAM	1	12	21.53	21.52	21.57	
5	64QAM	1	24	21.42	21.41	21.45	
5	64QAM	12	0	20.16	20.12	20.16	21.5
5	64QAM	12	7	20.15	20.11	20.13	
5	64QAM	12	13	20.15	20.14	20.17	
5	64QAM	25	0	20.19	20.19	20.19	
5	256QAM	1	0	18.66	18.50	18.43	20
5	256QAM	1	12	18.45	18.35	18.16	
5	256QAM	1	24	18.39	18.24	18.15	
5	256QAM	12	0	18.84	18.68	18.57	20
5	256QAM	12	7	18.75	18.66	18.57	
5	256QAM	12	13	18.74	18.58	18.52	
5	256QAM	25	0	18.71	18.65	18.52	

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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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.67	23.58	23.53	25
20	QPSK	1	49	23.60	23.61	23.49	
20	QPSK	1	99	23.66	23.64	23.58	
20	QPSK	50	0	22.17	22.09	22.02	23.5
20	QPSK	50	24	22.17	22.09	22.02	
20	QPSK	50	50	22.16	22.08	22.03	
20	QPSK	100	0	22.16	22.09	22.00	
20	16QAM	1	0	22.70	22.61	22.56	24
20	16QAM	1	49	22.60	22.54	22.50	
20	16QAM	1	99	22.67	22.65	22.59	
20	16QAM	50	0	21.15	21.08	21.00	22.5
20	16QAM	50	24	21.15	21.07	20.99	
20	16QAM	50	50	21.15	21.09	21.03	
20	16QAM	100	0	21.15	21.07	20.99	
20	64QAM	1	0	21.36	21.27	21.22	23
20	64QAM	1	49	21.28	21.22	21.18	
20	64QAM	1	99	21.34	21.31	21.28	
20	64QAM	50	0	20.11	20.03	19.96	21.5
20	64QAM	50	24	20.09	20.03	19.97	
20	64QAM	50	50	20.12	20.06	20.00	
20	64QAM	100	0	20.10	20.03	19.95	
20	256QAM	1	0	18.66	18.56	18.46	20
20	256QAM	1	49	18.45	18.35	18.25	
20	256QAM	1	99	18.40	18.30	18.20	
20	256QAM	50	0	18.87	18.77	18.67	20
20	256QAM	50	24	18.81	18.71	18.61	
20	256QAM	50	50	18.78	18.68	18.58	
20	256QAM	100	0	18.79	18.69	18.59	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.60	23.63	23.59	25
15	QPSK	1	37	23.66	23.63	23.65	
15	QPSK	1	74	23.62	23.64	23.61	
15	QPSK	36	0	22.18	22.15	22.13	23.5
15	QPSK	36	20	22.16	22.17	22.12	
15	QPSK	36	39	22.17	22.16	22.12	
15	QPSK	75	0	22.21	22.20	22.17	
15	16QAM	1	0	22.73	22.71	22.67	24
15	16QAM	1	37	22.57	22.57	22.55	
15	16QAM	1	74	22.72	22.74	22.71	
15	16QAM	36	0	21.10	21.05	21.02	22.5
15	16QAM	36	20	21.09	21.06	21.01	
15	16QAM	36	39	21.10	21.08	21.05	
15	16QAM	75	0	21.17	21.16	21.14	
15	64QAM	1	0	21.42	21.38	21.35	23
15	64QAM	1	37	21.56	21.53	21.50	
15	64QAM	1	74	21.40	21.40	21.38	
15	64QAM	36	0	20.08	20.05	20.03	21.5
15	64QAM	36	20	20.08	20.05	20.01	
15	64QAM	36	39	20.08	20.05	20.02	
15	64QAM	75	0	20.15	20.13	20.10	
15	256QAM	1	0	18.61	18.46	18.44	20
15	256QAM	1	37	18.37	18.31	18.18	
15	256QAM	1	74	18.32	18.28	18.17	
15	256QAM	36	0	18.84	18.71	18.59	20
15	256QAM	36	20	18.72	18.67	18.61	

15	256QAM	36	39	18.75	18.67	18.53	
15	256QAM	75	0	18.76	18.66	18.59	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.63	23.62	23.66	25
10	QPSK	1	25	23.63	23.64	23.62	
10	QPSK	1	49	23.64	23.66	23.65	
10	QPSK	25	0	22.23	22.21	22.21	23.5
10	QPSK	25	12	22.20	22.21	22.21	
10	QPSK	25	25	22.24	22.23	22.22	
10	QPSK	50	0	22.23	22.21	22.20	
10	16QAM	1	0	22.77	22.73	22.76	24
10	16QAM	1	25	22.90	22.87	22.92	
10	16QAM	1	49	22.71	22.71	22.73	
10	16QAM	25	0	21.20	21.19	21.17	22.5
10	16QAM	25	12	21.19	21.17	21.19	
10	16QAM	25	25	21.20	21.19	21.18	
10	16QAM	50	0	21.20	21.19	21.18	
10	64QAM	1	0	21.41	21.37	21.37	23
10	64QAM	1	25	21.61	21.57	21.58	
10	64QAM	1	49	21.38	21.37	21.40	
10	64QAM	25	0	20.20	20.19	20.15	21.5
10	64QAM	25	12	20.19	20.17	20.17	
10	64QAM	25	25	20.21	20.19	20.18	
10	64QAM	50	0	20.18	20.15	20.15	
10	256QAM	1	0	18.63	18.49	18.38	20
10	256QAM	1	25	18.45	18.31	18.25	
10	256QAM	1	49	18.39	18.29	18.19	
10	256QAM	25	0	18.86	18.77	18.62	20
10	256QAM	25	12	18.75	18.67	18.61	
10	256QAM	25	25	18.74	18.63	18.50	
10	256QAM	50	0	18.74	18.60	18.57	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.62	23.64	23.65	25
5	QPSK	1	12	23.66	23.44	23.53	
5	QPSK	1	24	23.63	23.65	23.65	
5	QPSK	12	0	22.23	22.21	22.22	23.5
5	QPSK	12	7	22.25	22.23	22.21	
5	QPSK	12	13	22.21	22.21	22.22	
5	QPSK	25	0	22.23	22.24	22.23	
5	16QAM	1	0	22.67	22.63	22.68	24
5	16QAM	1	12	22.60	22.62	22.65	
5	16QAM	1	24	22.71	22.69	22.73	
5	16QAM	12	0	21.15	21.14	21.16	22.5
5	16QAM	12	7	21.13	21.10	21.12	
5	16QAM	12	13	21.15	21.13	21.15	
5	16QAM	25	0	21.20	21.20	21.20	
5	64QAM	1	0	21.42	21.38	21.44	23
5	64QAM	1	12	21.53	21.52	21.57	
5	64QAM	1	24	21.42	21.41	21.45	
5	64QAM	12	0	20.16	20.12	20.16	21.5
5	64QAM	12	7	20.15	20.11	20.13	
5	64QAM	12	13	20.15	20.14	20.17	
5	64QAM	25	0	20.19	20.19	20.19	
5	256QAM	1	0	18.66	18.50	18.43	20
5	256QAM	1	12	18.45	18.35	18.16	
5	256QAM	1	24	18.39	18.24	18.15	
5	256QAM	12	0	18.84	18.68	18.57	20
5	256QAM	12	7	18.75	18.66	18.57	
5	256QAM	12	13	18.74	18.58	18.52	
5	256QAM	25	0	18.71	18.65	18.52	

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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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.28	22.30	22.02	23.1
20	QPSK	1	49	22.27	22.19	21.93	
20	QPSK	1	99	22.11	22.01	21.98	
20	QPSK	50	0	22.25	22.27	22.07	23.1
20	QPSK	50	24	22.20	22.24	22.05	
20	QPSK	50	50	22.15	22.09	22.05	
20	QPSK	100	0	22.15	22.16	22.03	
20	16QAM	1	0	22.19	22.15	22.08	23.1
20	16QAM	1	49	22.15	22.11	22.07	
20	16QAM	1	99	22.11	22.08	22.06	
20	16QAM	50	0	21.28	21.19	21.16	22.5
20	16QAM	50	24	21.26	21.20	21.15	
20	16QAM	50	50	21.24	21.17	21.13	
20	16QAM	100	0	21.24	21.19	21.11	
20	64QAM	1	0	21.52	21.44	21.42	23
20	64QAM	1	49	21.47	21.42	21.38	
20	64QAM	1	99	21.45	21.41	21.38	
20	64QAM	50	0	20.24	20.18	20.12	21.5
20	64QAM	50	24	20.24	20.18	20.14	
20	64QAM	50	50	20.23	20.17	20.11	
20	64QAM	100	0	20.23	20.15	20.11	
20	256QAM	1	0	18.66	18.56	18.46	20
20	256QAM	1	49	18.45	18.35	18.25	
20	256QAM	1	99	18.40	18.30	18.20	
20	256QAM	50	0	18.87	18.77	18.67	20
20	256QAM	50	24	18.81	18.71	18.61	
20	256QAM	50	50	18.78	18.68	18.58	
20	256QAM	100	0	18.79	18.69	18.59	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.25	22.23	21.93	23.1
15	QPSK	1	37	22.19	22.11	21.90	
15	QPSK	1	74	22.10	21.93	21.96	
15	QPSK	36	0	22.16	22.26	22.05	23.1
15	QPSK	36	20	22.14	22.22	22.00	
15	QPSK	36	39	22.05	22.05	21.96	
15	QPSK	75	0	22.05	22.14	22.02	
15	16QAM	1	0	22.17	22.14	22.00	23.1
15	16QAM	1	37	22.13	22.08	22.01	
15	16QAM	1	74	22.10	21.98	21.96	
15	16QAM	36	0	21.26	21.16	21.12	22.5
15	16QAM	36	20	21.18	21.18	21.07	
15	16QAM	36	39	21.14	21.07	21.09	
15	16QAM	75	0	21.15	21.14	21.08	
15	64QAM	1	0	21.50	21.40	21.38	23
15	64QAM	1	37	21.40	21.40	21.28	
15	64QAM	1	74	21.35	21.39	21.28	
15	64QAM	36	0	20.17	20.10	20.04	21.5
15	64QAM	36	20	20.15	20.12	20.12	
15	64QAM	36	39	20.14	20.07	20.10	
15	64QAM	75	0	20.18	20.13	20.02	
15	256QAM	1	0	18.65	18.48	18.43	20
15	256QAM	1	37	18.37	18.27	18.21	
15	256QAM	1	74	18.33	18.22	18.15	
15	256QAM	36	0	18.80	18.76	18.61	20
15	256QAM	36	20	18.73	18.62	18.55	