Schmid & Partner Engineering AG

s p e a g

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1664

IMPORTANT NOTICE

USAGE OF THE DAE4

The DAE unit is a delicate, high precision instrument and requires careful treatment by the user. There are no serviceable parts inside the DAE. Special attention shall be given to the following points:

Battery Exchange: The battery cover of the DAE4 unit is fixed using a screw, over tightening the screw may cause the threads inside the DAE to wear out.

Shipping of the DAE: Before shipping the DAE to SPEAG for calibration, remove the batteries and pack the DAE in an antistatic bag. This antistatic bag shall then be packed into a larger box or container which protects the DAE from impacts during transportation. The package shall be marked to indicate that a fragile instrument is inside.

E-Stop Failures: Touch detection may be malfunctioning due to broken magnets in the E-stop. Rough handling of the E-stop may lead to damage of these magnets. Touch and collision errors are often caused by dust and dirt accumulated in the E-stop. To prevent E-stop failure, the customer shall always mount the probe to the DAE carefully and keep the DAE unit in a non-dusty environment if not used for measurements.

Repair: Minor repairs are performed at no extra cost during the annual calibration. However, SPEAG reserves the right to charge for any repair especially if rough unprofessional handling caused the defect.

DASY Configuration Files: Since the exact values of the DAE input resistances, as measured during the calibration procedure of a DAE unit, are not used by the DASY software, a nominal value of 200 MOhm is given in the corresponding configuration file.

Important Note:
Warranty and calibration is void if the DAE unit is disassembled partly or fully by the Customer.

Important Note:
Never attempt to grease or oil the E-stop assembly. Cleaning and readjusting of the E-stop assembly is allowed by certified SPEAG personnel only and is part of the annual calibration procedure.

Important Note:
To prevent damage of the DAE probe connector pins, use great care when installing the probe to the DAE. Carefully connect the probe with the connector notch oriented in the mating position. Avoid any rotational movement of the probe body versus the DAE while turning the locking nut of the connector. The same care shall be used when disconnecting the probe from the DAE.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

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The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client Sporton

Certificate No: DAE4-1664_Mar21

CALIBRATION CERTIFICATE

Object	DAE4 - SD 000 D04 BO - SN: 1664
Calibration procedure(s)	QA CAL-06.v30 Calibration procedure for the data acquisition electronics (DAE)
Calibration date:	March 01, 2021

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	07-Sep-20 (No:28647)	Sep-21
Secondary Standards	**ID #**	**Check Date (in house)**	**Scheduled Check**
Auto DAE Calibration Unit	SE UWS 053 AA 1001	07-Jan-21 (in house check)	In house check: Jan-22
Calibrator Box V2.1	SE UMS 006 AA 1002	07-Jan-21 (in house check)	In house check: Jan-22

	Name	Function	Signature
Calibrated by:	Adrian Gehring	Laboratory Technician	
Approved by:	Sven Kühn	Deputy Manager	

Issued: March 1, 2021

Glossary

DAE	data acquisition electronics
Connector angle	information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- *DC Voltage Measurement:* Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- *Connector angle*: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty.
  - *DC Voltage Measurement Linearity:* Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this measurement.
  - *Common mode sensitivity:* Influence of a positive or negative common mode voltage on the differential measurement.
  - *Channel separation:* Influence of a voltage on the neighbor channels not subject to an input voltage.
  - *AD Converter Values with inputs shorted:* Values on the internal AD converter corresponding to zero input voltage
  - *Input Offset Measurement*: Output voltage and statistical results over a large number of zero voltage measurements.
  - *Input Offset Current:* Typical value for information; Maximum channel input offset current, not considering the input resistance.
  - *Input resistance:* Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
  - *Low Battery Alarm Voltage:* Typical value for information. Below this voltage, a battery alarm signal is generated.
  - *Power consumption:* Typical value for information. Supply currents in various operating modes.

DC Voltage Measurement

A/D - Converter Resolution nominal

High Range:	1LSB =	6.1μV ,	full range =	-100...+300 mV
Low Range:	1LSB =	61nV ,	full range =	-1.....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	404.849 ± 0.02% (k=2)	404.744 ± 0.02% (k=2)	405.016 ± 0.02% (k=2)
Low Range	4.01009 ± 1.50% (k=2)	4.00023 ± 1.50% (k=2)	4.00200 ± 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	103.0 ° ± 1 °

Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

High Range		Reading (μV)	Difference (μV)	Error (%)
Channel X	+ Input	199990.99	-0.39	-0.00
Channel X	+ Input	20002.55	0.83	0.00
Channel X	- Input	-19999.25	1.98	-0.01
Channel Y	+ Input	199990.69	-0.86	-0.00
Channel Y	+ Input	20000.47	-1.14	-0.01
Channel Y	- Input	-20002.08	-0.70	0.00
Channel Z	+ Input	199991.32	-0.07	-0.00
Channel Z	+ Input	19999.08	-2.48	-0.01
Channel Z	- Input	-20002.98	-1.65	0.01

Low Range		Reading (μV)	Difference (μV)	Error (%)
Channel X	+ Input	2001.09	0.02	0.00
Channel X	+ Input	201.53	0.04	0.02
Channel X	- Input	-198.42	0.01	-0.01
Channel Y	+ Input	2000.85	-0.15	-0.01
Channel Y	+ Input	201.00	-0.40	-0.20
Channel Y	- Input	-199.10	-0.60	0.30
Channel Z	+ Input	2001.00	0.18	0.01
Channel Z	+ Input	200.39	-0.94	-0.46
Channel Z	- Input	-199.74	-1.14	0.58

2. Common mode sensitivity

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (μV)	Low Range Average Reading (μV)
Channel X	200	-4.80	-6.52
	- 200	7.00	5.68
Channel Y	200	6.90	6.70
	- 200	-8.40	-8.58
Channel Z	200	9.54	9.26
	- 200	-12.81	-12.46

3. Channel separation

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (μV)	Channel Y (μV)	Channel Z (μV)
Channel X	200	-	2.37	-2.75
Channel Y	200	6.16	-	3.84
Channel Z	200	7.65	4.18	-

4. AD-Converter Values with inputs shorted

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	High Range (LSB)	Low Range (LSB)
Channel X	16004	16539
Channel Y	16012	16123
Channel Z	16045	15644

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec
Input 10MΩ

	Average (μV)	min. Offset (μV)	max. Offset (μV)	Std. Deviation (μV)
Channel X	-1.96	-3.91	0.23	0.45
Channel Y	-0.22	-1.06	0.62	0.33
Channel Z	-0.82	-1.68	-0.07	0.29

6. Input Offset Current

Nominal Input circuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

8. Low Battery Alarm Voltage (Typical values for information)

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	–0.01	-8	-9

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Accreditation No.: SCS 0108

Client Sporton

Certificate No: EX3-7576_Apr21

CALIBRATION CERTIFICATE

Object: EX3DV4 - SN:7576

Calibration procedure(s): QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7
Calibration procedure for dosimetric E-field probes

Calibration date: April 26, 2021

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	09-Apr-21 (No. 217-03343)	Apr-22
DAE4	SN: 660	23-Dec-20 (No. DAE4-660_Dec20)	Dec-21
Reference Probe ES3DV2	SN: 3013	30-Dec-20 (No. ES3-3013_Dec20)	Dec-21
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: May 13, 2021

Glossary:

TSL	tissue simulating liquid
NORMx,y,z	sensitivity in free space
ConvF	sensitivity in TSL / NORMx,y,z
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization ϑ	ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., ϑ = 0 is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- *NORMx,y,z:* Assessed for E-field polarization ϑ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E^2-field uncertainty inside TSL (see below *ConvF*).
- *NORM(f)x,y,z = NORMx,y,z * frequency_response* (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of *ConvF*.
- *DCPx,y,z:* DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- *PAR:* PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- *Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z*: *A, B, C, D* are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. *VR* is the maximum calibration range expressed in RMS voltage across the diode.
- *ConvF and Boundary Effect Parameters:* Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to *NORMx,y,z * ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- *Spherical isotropy (3D deviation from isotropy)*: in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- *Sensor Offset*: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no uncertainty required).

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7576

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu V/(V/m)^2$)[A]	0.49	0.64	0.64	± 10.1 %
DCP (mV)[B]	98.7	98.0	100.2	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	C	D dB	VR mV	Max dev.	Max Unc[E] (k=2)
0	CW	X	0.00	0.00	1.00	0.00	141.9	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00		147.9		
		Z	0.00	0.00	1.00		140.2		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	20.00	90.99	20.31	10.00	60.0	± 5.0 %	± 9.6 %
		Y	1.73	62.68	7.95		60.0		
		Z	20.00	89.57	19.31		60.0		
10353-AAA	Pulse Waveform (200Hz, 20%)	X	20.00	94.58	20.87	6.99	80.0	± 3.6 %	± 9.6 %
		Y	1.04	61.29	6.51		80.0		
		Z	20.00	91.83	19.22		80.0		
10354-AAA	Pulse Waveform (200Hz, 40%)	X	20.00	103.41	23.67	3.98	95.0	± 2.0 %	± 9.6 %
		Y	0.60	60.86	5.79		95.0		
		Z	20.00	97.87	20.76		95.0		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	20.00	115.34	27.78	2.22	120.0	± 1.4 %	± 9.6 %
		Y	4.08	74.83	10.54		120.0		
		Z	20.00	105.67	23.18		120.0		
10387-AAA	QPSK Waveform, 1 MHz	X	1.67	65.65	14.91	1.00	150.0	± 2.1 %	± 9.6 %
		Y	1.93	69.45	16.89		150.0		
		Z	1.56	64.76	14.15		150.0		
10388-AAA	QPSK Waveform, 10 MHz	X	2.20	67.50	15.58	0.00	150.0	± 1.0 %	± 9.6 %
		Y	2.51	70.39	17.32		150.0		
		Z	2.04	66.25	14.83		150.0		
10396-AAA	64-QAM Waveform, 100 kHz	X	3.07	71.62	19.40	3.01	150.0	± 1.0 %	± 9.6 %
		Y	2.90	71.59	19.95		150.0		
		Z	2.28	66.15	16.69		150.0		
10399-AAA	64-QAM Waveform, 40 MHz	X	3.52	66.96	15.73	0.00	150.0	± 0.9 %	± 9.6 %
		Y	3.68	68.09	16.54		150.0		
		Z	3.39	66.32	15.31		150.0		
10414-AAA	WLAN CCDF, 64-QAM, 40MHz	X	4.89	65.57	15.51	0.00	150.0	± 2.0 %	± 9.6 %
		Y	4.79	65.62	15.73		150.0		
		Z	4.78	65.30	15.29		150.0		

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

[A] The uncertainties of Norm X,Y,Z do not affect the E^2-field uncertainty inside TSL (see Pages 5 and 6).
[B] Numerical linearization parameter: uncertainty not required.
[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7576

Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $ms.V^{-2}$	T2 $ms.V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
X	46.7	346.28	35.16	8.64	0.07	5.04	1.99	0.09	1.01
Y	39.4	296.06	36.05	10.26	0.00	4.93	1.13	0.16	1.01
Z	42.2	313.44	35.10	8.06	0.00	5.02	0.41	0.26	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-68.7
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an *Area Scan* job.

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7576

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
750	41.9	0.89	10.47	10.47	10.47	0.49	0.93	± 12.0 %
835	41.5	0.90	10.19	10.19	10.19	0.51	0.80	± 12.0 %
900	41.5	0.97	9.96	9.96	9.96	0.47	0.84	± 12.0 %
1750	40.1	1.37	8.73	8.73	8.73	0.41	0.86	± 12.0 %
1900	40.0	1.40	8.33	8.33	8.33	0.31	0.86	± 12.0 %
2000	40.0	1.40	8.28	8.28	8.28	0.38	0.86	± 12.0 %
2300	39.5	1.67	7.91	7.91	7.91	0.33	0.90	± 12.0 %
2450	39.2	1.80	7.67	7.67	7.67	0.42	0.90	± 12.0 %
2600	39.0	1.96	7.47	7.47	7.47	0.44	0.90	± 12.0 %
3300	38.2	2.71	6.89	6.89	6.89	0.30	1.35	± 14.0 %
3500	37.9	2.91	6.62	6.62	6.62	0.30	1.35	± 14.0 %
3700	37.7	3.12	6.59	6.59	6.59	0.30	1.35	± 14.0 %
3900	37.5	3.32	6.40	6.40	6.40	0.40	1.40	± 14.0 %
4100	37.2	3.53	6.25	6.25	6.25	0.40	1.40	± 14.0 %
4400	36.9	3.84	6.04	6.04	6.04	0.40	1.60	± 14.0 %
4600	36.7	4.04	5.91	5.91	5.91	0.40	1.60	± 14.0 %
4800	36.4	4.25	5.80	5.80	5.80	0.40	1.80	± 14.0 %
4950	36.3	4.40	5.50	5.50	5.50	0.40	1.80	± 14.0 %
5250	35.9	4.71	5.17	5.17	5.17	0.40	1.80	± 14.0 %
5600	35.5	5.07	4.60	4.60	4.60	0.40	1.80	± 14.0 %
5750	35.4	5.22	4.75	4.75	4.75	0.40	1.80	± 14.0 %

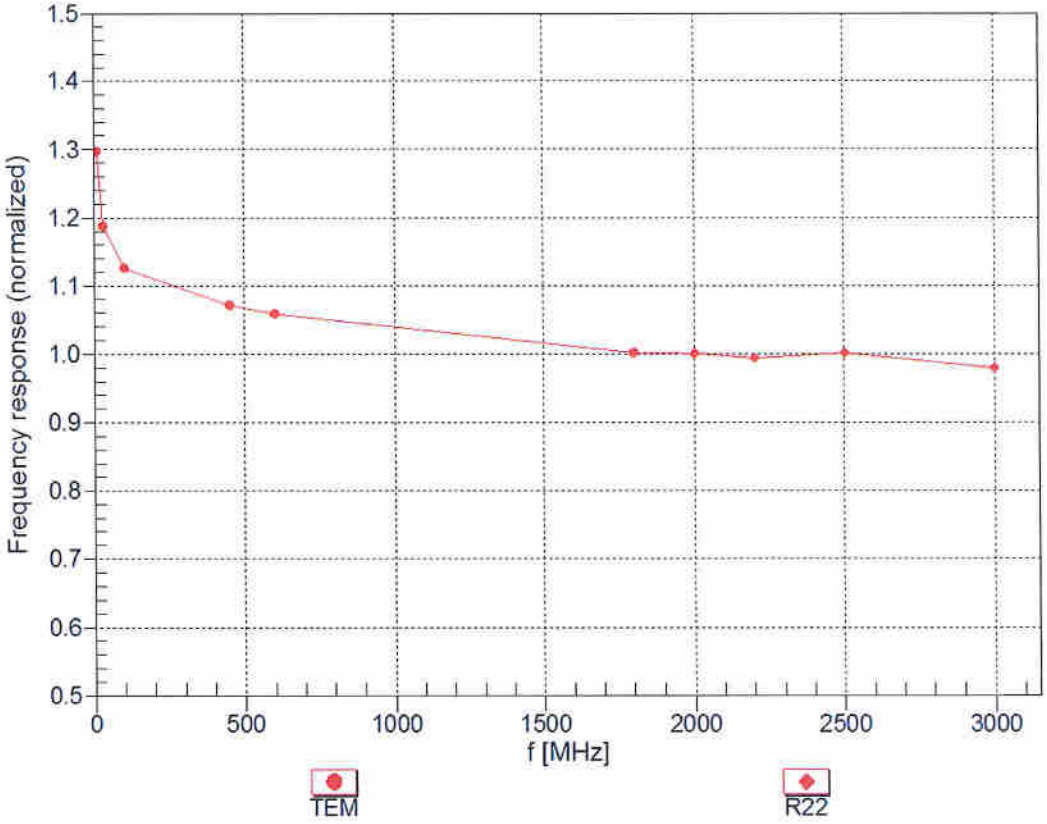
[C] Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.
[F] At frequencies up to 6 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.
[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [C]	Relative Permittivity [F]	Conductivity (S/m) [F]	ConvF X	ConvF Y	ConvF Z	Alpha [G]	Depth [G] (mm)	Unc (k=2)
6500	34.5	6.07	5.70	5.70	5.70	0.20	2.50	± 18.6 %

[C] Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.
[F] At frequencies 6-10 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.
[G] Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; below ± 2% for frequencies between 3-6 GHz; and below ± 4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.

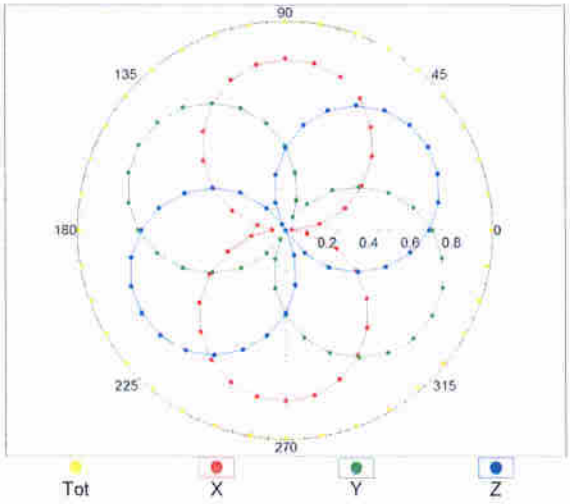
Frequency Response of E-Field
(TEM-Cell:ifi110 EXX, Waveguide: R22)



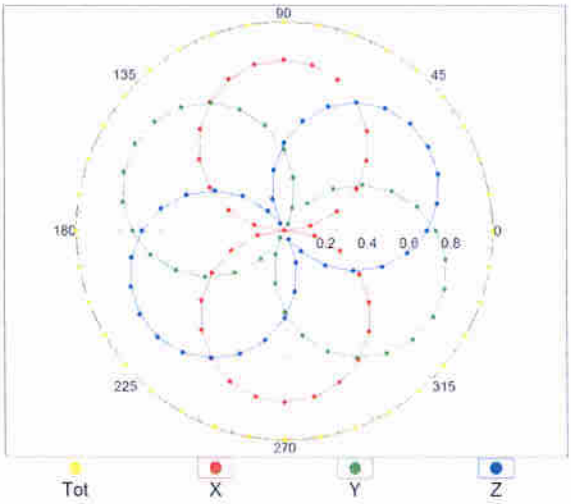
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

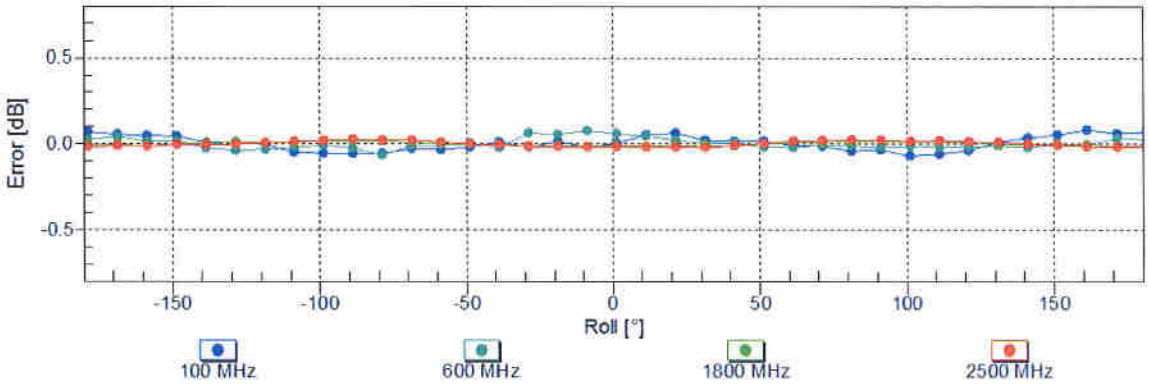
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22

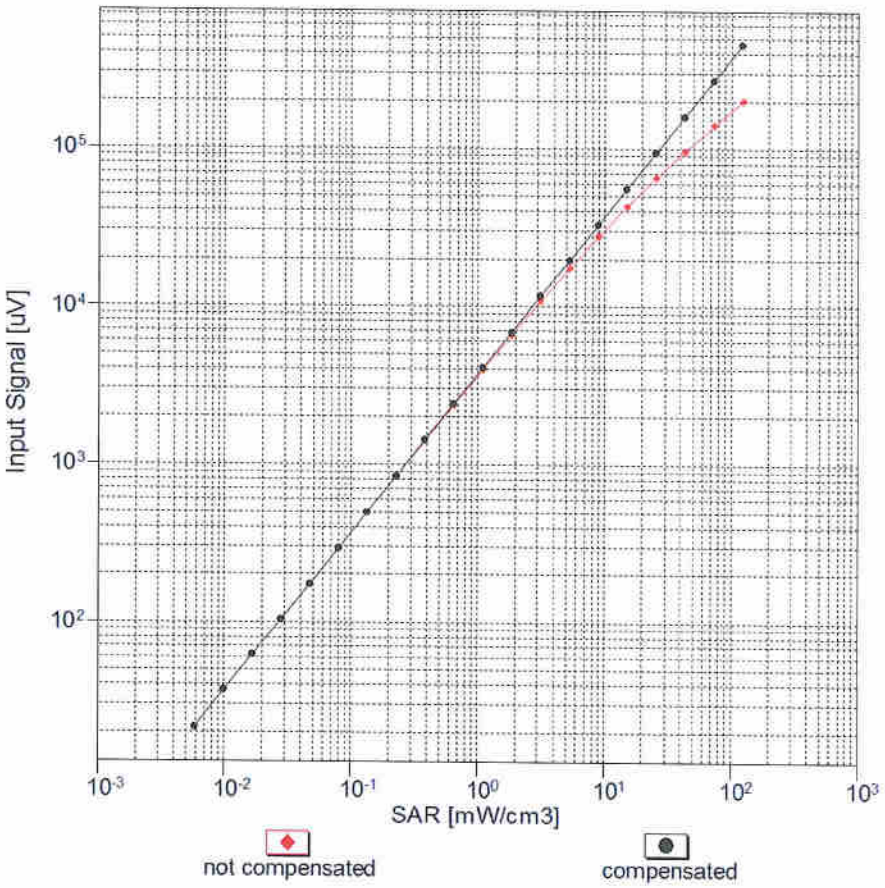


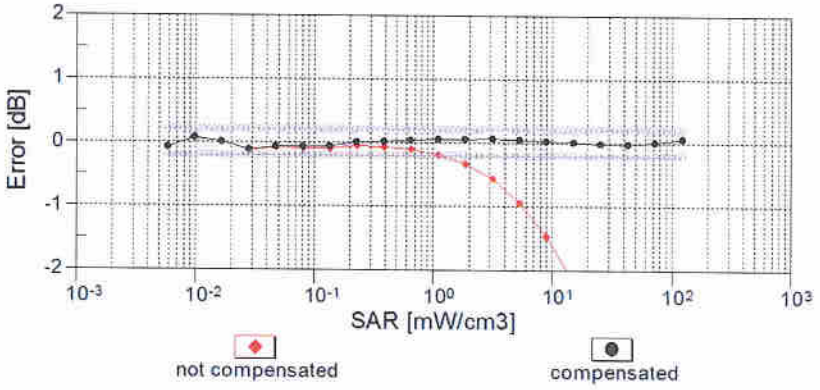


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

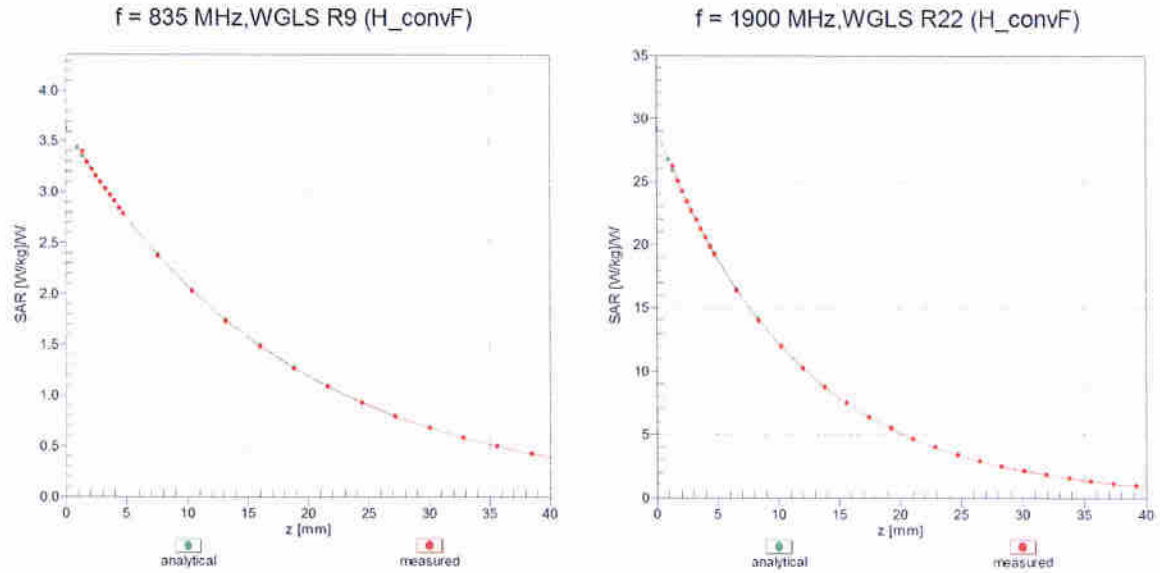
(TEM cell , f_{eval}= 1900 MHz)





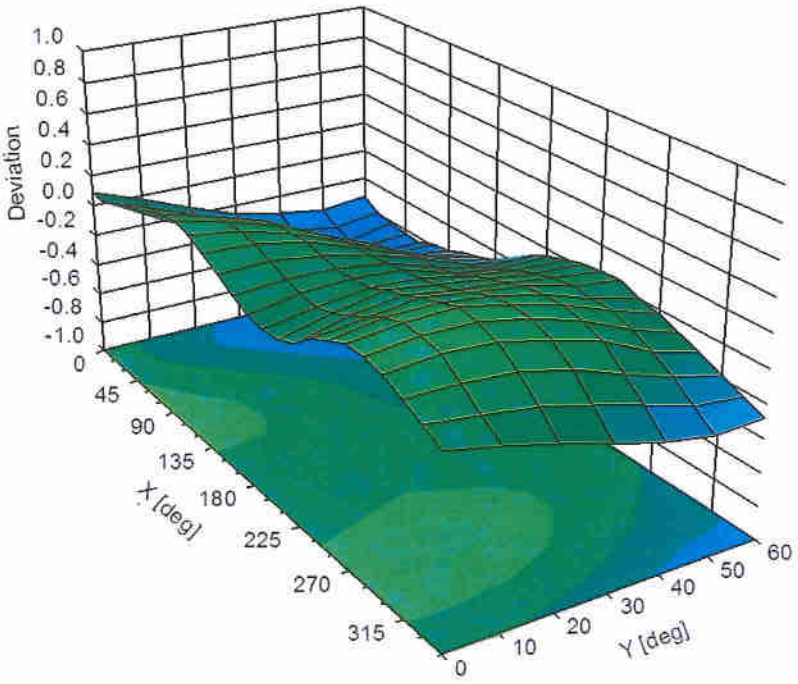
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

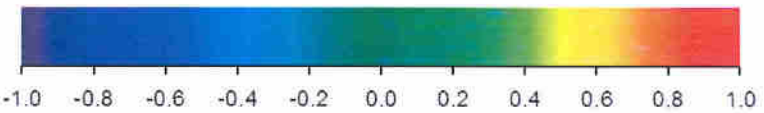
Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, ϑ), f = 900 MHz





Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc^{E} (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 9.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %

10099	CAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
10100	CAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAE	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAG	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %

10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAI	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	AAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAF	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %

10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	CAG	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	CAC	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	CAB	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.57	± 9.6 %
10303	CAB	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	CAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 %
10306	CAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6 %
10307	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	± 9.6 %
10308	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WiMAX	14.58	± 9.6 %
10310	AAB	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	± 9.6 %
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAD	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAD	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAD	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAA	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
10402	AAA	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %

10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6 %
10457	AAC	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAC	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %

10488	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAF	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAF	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAE	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAE	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAF	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %

10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %

10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power Mode

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.59	32.48	32.36	33.50	23.59	23.48	23.36	24.50
GPRS 1 Tx slot	32.57	32.45	32.33	33.50	23.57	23.45	23.33	24.50
GPRS 2 Tx slots	29.66	30.15	29.90	31.00	23.66	24.15	23.90	25.00
GPRS 3 Tx slots	27.90	27.50	27.34	28.50	23.64	23.24	23.08	24.24
GPRS 4 Tx slots	25.33	25.00	25.38	26.50	22.33	22.00	22.38	23.50
EDGE 1 Tx slot	25.80	25.36	25.52	26.50	16.80	16.36	16.52	17.50
EDGE 2 Tx slots	23.60	23.20	23.40	24.50	17.60	17.20	17.40	18.50
EDGE 3 Tx slots	21.33	21.13	21.15	22.50	17.07	16.87	16.89	18.24
EDGE 4 Tx slots	18.86	18.70	18.75	20.00	15.86	15.70	15.75	17.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.45	29.17	29.46	30.50	20.45	20.17	20.46	21.50
GPRS 1 Tx slot	29.41	29.16	29.42	30.50	20.41	20.16	20.42	21.50
GPRS 2 Tx slots	27.19	26.97	27.13	28.00	21.19	20.97	21.13	22.00
GPRS 3 Tx slots	24.76	24.53	24.72	25.50	20.50	20.27	20.46	21.24
GPRS 4 Tx slots	22.50	22.23	22.39	23.50	19.50	19.23	19.39	20.50
EDGE 1 Tx slot	25.20	25.15	25.14	26.00	16.20	16.15	16.14	17.00
EDGE 2 Tx slots	23.21	23.07	22.95	24.00	17.21	17.07	16.95	18.00
EDGE 3 Tx slots	20.97	20.82	20.86	22.00	16.71	16.56	16.60	17.74
EDGE 4 Tx slots	18.83	18.70	18.73	19.50	15.83	15.70	15.73	16.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	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	22.62	22.58	22.56	24.00	22.73	22.57	22.33	24.00	22.80	22.83	22.73	24.00
3GPP Rel 99	RMC 12.2Kbps	22.65	22.62	22.60	24.00	22.74	22.58	22.35	24.00	22.81	22.85	22.77	24.00
3GPP Rel 6	HSDPA Subtest-1	21.51	21.53	21.49	23.00	21.76	21.61	21.39	23.00	21.93	21.89	21.88	23.00
3GPP Rel 6	HSDPA Subtest-2	21.54	21.51	21.54	23.00	21.73	21.59	21.37	23.00	21.93	21.88	21.89	23.00
3GPP Rel 6	HSDPA Subtest-3	21.10	21.07	20.66	22.50	21.13	21.21	21.01	22.50	21.45	21.37	21.37	22.50
3GPP Rel 6	HSDPA Subtest-4	20.98	21.07	20.98	22.50	21.09	21.29	20.88	22.50	21.39	21.38	21.41	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.33	21.50	21.32	23.00	21.45	21.60	21.37	23.00	21.83	21.83	21.68	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.52	21.49	21.39	23.00	21.62	21.42	21.35	23.00	21.74	21.79	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.09	21.03	20.52	22.50	21.23	21.19	20.73	22.50	21.33	21.31	21.21	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.90	20.87	20.87	22.50	21.10	20.98	20.69	22.50	21.25	21.31	21.21	22.50
3GPP Rel 6	HSUPA Subtest-1	21.56	21.52	21.53	23.00	21.57	21.55	21.40	23.00	21.93	21.84	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	19.49	19.50	19.56	21.00	19.47	19.59	19.29	21.00	19.92	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-3	20.56	20.56	20.54	22.00	20.43	20.47	20.24	22.00	20.88	20.86	20.83	22.00
3GPP Rel 6	HSUPA Subtest-4	19.50	19.54	19.50	21.00	19.47	19.55	19.40	21.00	19.92	19.88	19.89	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.40	21.50	23.00	21.39	21.45	21.35	23.00	21.90	21.90	21.90	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.60	19.40	19.40	20.50	19.45	19.44	19.10	20.50	19.60	19.70	19.60	20.50

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.69	22.70	22.60	24	0
20	QPSK	1	49	22.24	22.47	22.51		
20	QPSK	1	99	22.20	22.21	22.22		
20	QPSK	50	0	21.52	21.54	21.43	23	1
20	QPSK	50	24	21.49	21.48	21.46		
20	QPSK	50	50	21.45	21.50	21.43		
20	QPSK	100	0	21.44	21.49	21.47		
20	16QAM	1	0	21.74	21.45	21.95	23	1
20	16QAM	1	49	21.45	21.62	21.57		
20	16QAM	1	99	21.55	21.39	21.90		
20	16QAM	50	0	20.55	20.47	20.40	22	2
20	16QAM	50	24	20.53	20.51	20.57		
20	16QAM	50	50	20.48	20.43	20.49		
20	16QAM	100	0	20.43	20.47	20.46		
20	64QAM	1	0	20.63	20.31	20.33	22	2
20	64QAM	1	49	20.45	20.68	20.59		
20	64QAM	1	99	20.54	20.35	20.66		
20	64QAM	50	0	19.59	19.49	19.54	21	3
20	64QAM	50	24	19.55	19.50	19.49		
20	64QAM	50	50	19.40	19.44	19.42		
20	64QAM	100	0	19.48	19.53	19.54		
20	256QAM	1	0	17.77	17.84	17.76	19	5
20	256QAM	1	49	17.65	17.67	17.64		
20	256QAM	1	99	17.62	17.67	17.61		
20	256QAM	50	0	17.67	17.66	17.61	19	5
20	256QAM	50	24	17.59	17.64	17.64		
20	256QAM	50	50	17.66	17.68	17.57		
20	256QAM	100	0	17.63	17.66	17.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.30	22.31	22.37	24	0
15	QPSK	1	37	22.25	22.32	22.45		
15	QPSK	1	74	22.35	22.29	22.22		
15	QPSK	36	0	21.42	21.38	21.40	23	1
15	QPSK	36	20	21.48	21.47	21.50		
15	QPSK	36	39	21.39	21.43	21.54		
15	QPSK	75	0	21.38	21.40	21.32		
15	16QAM	1	0	21.70	21.40	21.96	23	1
15	16QAM	1	37	21.49	21.47	22.01		
15	16QAM	1	74	21.21	21.47	21.59		
15	16QAM	36	0	20.41	20.42	20.44	22	2
15	16QAM	36	20	20.46	20.42	20.49		
15	16QAM	36	39	20.32	20.44	20.37		
15	16QAM	75	0	20.43	20.34	20.51		
15	64QAM	1	0	20.62	20.65	20.65	22	2
15	64QAM	1	37	20.60	20.47	20.23		
15	64QAM	1	74	20.47	20.55	20.76		
15	64QAM	36	0	19.38	19.44	19.47	21	3
15	64QAM	36	20	19.46	19.46	19.57		
15	64QAM	36	39	19.36	19.42	19.45		
15	64QAM	75	0	19.47	19.52	19.45		
15	256QAM	1	0	17.64	17.77	17.63	19	5
15	256QAM	1	37	17.47	17.47	17.46		
15	256QAM	1	74	17.57	17.54	17.43		
15	256QAM	36	0	17.48	17.58	17.44	19	5
15	256QAM	36	20	17.56	17.55	17.61		
15	256QAM	36	39	17.48	17.48	17.50		
15	256QAM	75	0	17.47	17.50	17.43		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.26	22.36	22.61	24	0
10	QPSK	1	25	22.58	22.58	22.62		
10	QPSK	1	49	22.36	22.34	22.39		
10	QPSK	25	0	21.51	21.51	21.45	23	1
10	QPSK	25	12	21.56	21.58	21.67		
10	QPSK	25	25	21.46	21.47	21.67		
10	QPSK	50	0	21.48	21.45	21.67		
10	16QAM	1	0	21.57	21.58	21.78	23	1
10	16QAM	1	25	22.07	21.43	21.95		
10	16QAM	1	49	22.08	21.79	22.04		
10	16QAM	25	0	20.64	20.63	20.62	22	2
10	16QAM	25	12	20.43	20.61	20.54		
10	16QAM	25	25	20.49	20.50	20.71		
10	16QAM	50	0	20.52	20.59	20.52		
10	64QAM	1	0	20.56	20.74	20.91	22	2
10	64QAM	1	25	20.63	20.71	20.66		
10	64QAM	1	49	20.56	20.63	20.85		
10	64QAM	25	0	19.48	19.58	19.62	21	3
10	64QAM	25	12	19.67	19.58	19.66		
10	64QAM	25	25	19.53	19.63	19.52		
10	64QAM	50	0	19.58	19.57	19.52		
10	256QAM	1	0	17.63	17.77	17.73	19	5
10	256QAM	1	25	17.52	17.54	17.57		
10	256QAM	1	49	17.49	17.53	17.52		
10	256QAM	25	0	17.62	17.47	17.45	19	5
10	256QAM	25	12	17.52	17.48	17.50		
10	256QAM	25	25	17.61	17.55	17.53		
10	256QAM	50	0	17.60	17.63	17.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.51	22.40	22.40	24	0
5	QPSK	1	12	22.46	22.38	22.40		
5	QPSK	1	24	22.30	22.48	22.55		
5	QPSK	12	0	21.62	21.40	21.65	23	1
5	QPSK	12	7	21.70	21.58	21.67		
5	QPSK	12	13	21.42	21.45	21.55		
5	QPSK	25	0	21.57	21.48	21.55		
5	16QAM	1	0	21.83	21.83	22.13	23	1
5	16QAM	1	12	22.18	21.75	22.13		
5	16QAM	1	24	21.38	21.89	21.56		
5	16QAM	12	0	20.64	20.52	20.70	22	2
5	16QAM	12	7	20.56	20.67	20.71		
5	16QAM	12	13	20.42	20.66	20.60		
5	16QAM	25	0	20.43	20.50	20.56		
5	64QAM	1	0	20.64	20.28	20.80	22	2
5	64QAM	1	12	20.88	20.93	20.83		
5	64QAM	1	24	20.81	20.45	20.73		
5	64QAM	12	0	19.74	19.42	19.88	21	3
5	64QAM	12	7	19.68	19.55	19.69		
5	64QAM	12	13	19.56	19.51	19.70		
5	64QAM	25	0	19.50	19.41	19.73		
5	256QAM	1	0	17.61	17.73	17.58	19	5
5	256QAM	1	12	17.46	17.50	17.62		
5	256QAM	1	24	17.59	17.60	17.57		
5	256QAM	12	0	17.47	17.54	17.55	19	5
5	256QAM	12	7	17.58	17.57	17.64		
5	256QAM	12	13	17.49	17.63	17.50		
5	256QAM	25	0	17.55	17.57	17.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.67	22.59	22.55	24	0
3	QPSK	1	8	22.27	22.31	22.55		
3	QPSK	1	14	22.32	22.35	22.39		
3	QPSK	8	0	21.73	21.60	21.64	23	1
3	QPSK	8	4	21.60	21.63	21.69		
3	QPSK	8	7	21.53	21.58	21.62		
3	QPSK	15	0	21.45	21.60	21.70		
3	16QAM	1	0	22.16	21.51	22.15	23	1
3	16QAM	1	8	21.53	22.10	22.30		
3	16QAM	1	14	21.48	21.59	21.56		
3	16QAM	8	0	20.66	20.78	20.76	22	2
3	16QAM	8	4	20.71	20.59	20.77		
3	16QAM	8	7	20.48	20.66	20.68		
3	16QAM	15	0	20.47	20.58	20.63		
3	64QAM	1	0	20.38	20.97	21.05	22	2
3	64QAM	1	8	20.86	20.67	20.77		
3	64QAM	1	14	20.95	20.84	20.83		
3	64QAM	8	0	19.70	19.74	19.73	21	3
3	64QAM	8	4	19.88	19.83	19.56		
3	64QAM	8	7	19.63	19.51	19.66		
3	64QAM	15	0	19.52	19.69	19.77		
3	256QAM	1	0	17.62	17.75	17.70	19	5
3	256QAM	1	8	17.57	17.60	17.59		
3	256QAM	1	14	17.45	17.59	17.44		
3	256QAM	8	0	17.52	17.50	17.55	19	5
3	256QAM	8	4	17.44	17.59	17.59		
3	256QAM	8	7	17.54	17.48	17.56		
3	256QAM	15	0	17.60	17.62	17.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.53	22.56	22.47	24	0
1.4	QPSK	1	3	22.51	22.45	22.47		
1.4	QPSK	1	5	22.30	22.34	22.27		
1.4	QPSK	3	0	22.35	22.47	22.49		
1.4	QPSK	3	1	22.55	22.53	22.48		
1.4	QPSK	3	3	22.43	22.39	22.46		
1.4	QPSK	6	0	21.53	21.49	21.61	23	1
1.4	16QAM	1	0	21.81	21.43	21.74	23	1
1.4	16QAM	1	3	21.72	22.10	22.15		
1.4	16QAM	1	5	21.97	21.73	22.14		
1.4	16QAM	3	0	21.55	21.56	21.60		
1.4	16QAM	3	1	21.60	21.82	21.84		
1.4	16QAM	3	3	21.62	21.62	21.68		
1.4	16QAM	6	0	20.69	20.51	20.62	22	2
1.4	64QAM	1	0	20.91	20.76	20.92	22	2
1.4	64QAM	1	3	20.66	20.90	20.47		
1.4	64QAM	1	5	20.68	20.62	20.70		
1.4	64QAM	3	0	20.59	20.53	20.70		
1.4	64QAM	3	1	20.41	20.61	20.46		
1.4	64QAM	3	3	20.66	21.04	20.74		
1.4	64QAM	6	0	19.46	19.40	19.61	21	3
1.4	256QAM	1	0	17.58	17.79	17.67	19	5
1.4	256QAM	1	3	17.49	17.49	17.57		
1.4	256QAM	1	5	17.49	17.53	17.42		
1.4	256QAM	3	0	17.58	17.48	17.44		
1.4	256QAM	3	1	17.48	17.52	17.58		
1.4	256QAM	3	3	17.50	17.49	17.46		
1.4	256QAM	6	0	17.57	17.47	17.44	19	5

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.71	22.51	22.65	24	0
20	QPSK	1	49	22.36	22.50	22.47		
20	QPSK	1	99	22.34	22.42	22.30		
20	QPSK	50	0	21.64	21.55	21.63	23	1
20	QPSK	50	24	21.43	21.42	21.61		
20	QPSK	50	50	21.52	21.60	21.53		
20	QPSK	100	0	21.57	21.56	21.46		
20	16QAM	1	0	21.38	21.75	22.22	23	1
20	16QAM	1	49	21.73	21.56	21.61		
20	16QAM	1	99	21.98	21.88	21.95		
20	16QAM	50	0	20.42	20.53	20.55	22	2
20	16QAM	50	24	20.49	20.43	20.73		
20	16QAM	50	50	20.40	20.59	20.55		
20	16QAM	100	0	20.46	20.41	20.53		
20	64QAM	1	0	20.72	20.67	20.80	22	2
20	64QAM	1	49	20.76	20.55	20.66		
20	64QAM	1	99	20.77	20.67	20.61		
20	64QAM	50	0	19.47	19.53	19.60	21	3
20	64QAM	50	24	19.53	19.51	19.75		
20	64QAM	50	50	19.35	19.63	19.50		
20	64QAM	100	0	19.48	19.57	19.55		
20	256QAM	1	0	17.76	17.69	17.63	19	5
20	256QAM	1	49	17.72	17.61	17.60		
20	256QAM	1	99	17.70	17.66	17.52		
20	256QAM	50	0	17.63	17.55	17.56	19	5
20	256QAM	50	24	17.65	17.56	17.53		
20	256QAM	50	50	17.71	17.61	17.52		
20	256QAM	100	0	17.64	17.63	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.41	22.53	24	0
15	QPSK	1	37	22.26	22.45	22.22		
15	QPSK	1	74	22.25	22.47	22.41		
15	QPSK	36	0	21.38	21.44	21.52	23	1
15	QPSK	36	20	21.44	21.49	21.59		
15	QPSK	36	39	21.41	21.54	21.56		
15	QPSK	75	0	21.48	21.43	21.42		
15	16QAM	1	0	22.01	22.00	21.85	23	1
15	16QAM	1	37	21.56	21.30	21.88		
15	16QAM	1	74	21.34	22.00	21.54		
15	16QAM	36	0	20.39	20.51	20.61	22	2
15	16QAM	36	20	20.54	20.53	20.60		
15	16QAM	36	39	20.47	20.51	20.51		
15	16QAM	75	0	20.42	20.52	20.50		
15	64QAM	1	0	20.50	20.82	20.78	22	2
15	64QAM	1	37	20.61	20.82	20.47		
15	64QAM	1	74	20.31	20.36	20.70		
15	64QAM	36	0	19.51	19.54	19.50	21	3
15	64QAM	36	20	19.52	19.50	19.59		
15	64QAM	36	39	19.43	19.70	19.58		
15	64QAM	75	0	19.48	19.53	19.47		
15	256QAM	1	0	17.62	17.54	17.60	19	5
15	256QAM	1	37	17.69	17.60	17.53		
15	256QAM	1	74	17.63	17.57	17.34		
15	256QAM	36	0	17.53	17.35	17.53	19	5
15	256QAM	36	20	17.60	17.39	17.51		
15	256QAM	36	39	17.69	17.42	17.47		
15	256QAM	75	0	17.60	17.45	17.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.41	22.38	22.50	24	0
10	QPSK	1	25	22.33	22.57	22.53		
10	QPSK	1	49	22.47	22.46	22.45		
10	QPSK	25	0	21.53	21.67	21.72	23	1
10	QPSK	25	12	21.58	21.57	21.66		
10	QPSK	25	25	21.52	21.59	21.65		
10	QPSK	50	0	21.58	21.52	21.63		
10	16QAM	1	0	21.68	22.11	21.83	23	1
10	16QAM	1	25	21.41	22.00	21.80		
10	16QAM	1	49	21.46	22.26	21.72		
10	16QAM	25	0	20.57	20.77	20.78	22	2
10	16QAM	25	12	20.51	20.69	20.73		
10	16QAM	25	25	20.57	20.71	20.65		
10	16QAM	50	0	20.49	20.73	20.68		
10	64QAM	1	0	20.72	20.86	20.79	22	2
10	64QAM	1	25	20.65	20.66	20.88		
10	64QAM	1	49	20.66	20.80	20.42		
10	64QAM	25	0	19.55	19.64	19.77	21	3
10	64QAM	25	12	19.50	19.55	19.78		
10	64QAM	25	25	19.57	19.66	19.75		
10	64QAM	50	0	19.52	19.70	19.75		
10	256QAM	1	0	17.71	17.68	17.63	19	5
10	256QAM	1	25	17.57	17.57	17.60		
10	256QAM	1	49	17.66	17.57	17.43		
10	256QAM	25	0	17.50	17.55	17.43	19	5
10	256QAM	25	12	17.58	17.43	17.50		
10	256QAM	25	25	17.64	17.51	17.41		
10	256QAM	50	0	17.62	17.63	17.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.55	22.58	22.62	24	0
5	QPSK	1	12	22.53	22.35	22.65		
5	QPSK	1	24	22.31	22.49	22.55		
5	QPSK	12	0	21.49	21.51	21.68	23	1
5	QPSK	12	7	21.50	21.63	21.63		
5	QPSK	12	13	21.51	21.66	21.63		
5	QPSK	25	0	21.50	21.52	21.66		
5	16QAM	1	0	22.08	22.12	21.88	23	1
5	16QAM	1	12	21.62	22.29	21.93		
5	16QAM	1	24	21.61	21.89	21.72		
5	16QAM	12	0	20.58	20.61	20.78	22	2
5	16QAM	12	7	20.71	20.65	20.75		
5	16QAM	12	13	20.66	20.80	20.84		
5	16QAM	25	0	20.53	20.54	20.76		
5	64QAM	1	0	20.82	20.83	20.95	22	2
5	64QAM	1	12	20.70	20.73	20.43		
5	64QAM	1	24	20.83	20.91	20.89		
5	64QAM	12	0	19.64	19.71	19.63	21	3
5	64QAM	12	7	19.44	19.82	19.69		
5	64QAM	12	13	19.47	19.66	19.73		
5	64QAM	25	0	19.55	19.65	19.70		
5	256QAM	1	0	17.56	17.61	17.52	19	5
5	256QAM	1	12	17.66	17.48	17.58		
5	256QAM	1	24	17.68	17.66	17.47		
5	256QAM	12	0	17.52	17.52	17.47	19	5
5	256QAM	12	7	17.54	17.37	17.38		
5	256QAM	12	13	17.66	17.49	17.48		
5	256QAM	25	0	17.62	17.45	17.26		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.31	22.49	22.53	24	0
3	QPSK	1	8	22.36	22.34	22.62		
3	QPSK	1	14	22.46	22.62	22.51		
3	QPSK	8	0	21.55	21.57	21.69	23	1
3	QPSK	8	4	21.55	21.64	21.80		
3	QPSK	8	7	21.51	21.60	21.62		
3	QPSK	15	0	21.54	21.53	21.64		
3	16QAM	1	0	21.71	21.67	21.60	23	1
3	16QAM	1	8	21.62	21.96	21.90		
3	16QAM	1	14	21.68	21.64	21.58		
3	16QAM	8	0	20.57	20.58	20.70	22	2
3	16QAM	8	4	20.67	20.73	20.78		
3	16QAM	8	7	20.51	20.79	20.72		
3	16QAM	15	0	20.61	20.74	20.62		
3	64QAM	1	0	20.51	20.57	20.78	22	2
3	64QAM	1	8	20.46	20.96	20.56		
3	64QAM	1	14	20.64	20.91	20.83		
3	64QAM	8	0	19.54	19.74	19.59	21	3
3	64QAM	8	4	19.84	19.79	19.83		
3	64QAM	8	7	19.63	19.55	19.51		
3	64QAM	15	0	19.60	19.79	19.70		
3	256QAM	1	0	17.61	17.65	17.56	19	5
3	256QAM	1	8	17.54	17.47	17.47		
3	256QAM	1	14	17.59	17.54	17.42		
3	256QAM	8	0	17.47	17.40	17.38	19	5
3	256QAM	8	4	17.58	17.42	17.42		
3	256QAM	8	7	17.53	17.53	17.33		
3	256QAM	15	0	17.58	17.60	17.28		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.52	22.53	22.52	24	0
1.4	QPSK	1	3	22.50	22.51	22.54		
1.4	QPSK	1	5	22.29	22.56	22.51		
1.4	QPSK	3	0	22.54	22.68	22.67		
1.4	QPSK	3	1	22.52	22.57	22.63		
1.4	QPSK	3	3	22.33	22.60	22.65		
1.4	QPSK	6	0	21.56	21.65	21.66	23	1
1.4	16QAM	1	0	22.09	22.19	21.79	23	1
1.4	16QAM	1	3	21.61	21.98	22.30		
1.4	16QAM	1	5	21.52	22.18	21.83		
1.4	16QAM	3	0	21.37	21.63	21.70		
1.4	16QAM	3	1	21.64	21.72	21.99		
1.4	16QAM	3	3	21.50	21.73	21.93		
1.4	16QAM	6	0	20.40	20.48	20.76	22	2
1.4	64QAM	1	0	20.77	20.38	20.66	22	2
1.4	64QAM	1	3	20.84	20.99	20.61		
1.4	64QAM	1	5	20.73	20.62	21.34		
1.4	64QAM	3	0	20.62	20.49	20.74		
1.4	64QAM	3	1	20.43	20.81	20.95		
1.4	64QAM	3	3	20.64	20.79	20.91		
1.4	64QAM	6	0	19.55	19.75	19.66	21	3
1.4	256QAM	1	0	17.73	17.49	17.48	19	5
1.4	256QAM	1	3	17.65	17.59	17.59		
1.4	256QAM	1	5	17.63	17.62	17.34		
1.4	256QAM	3	0	17.63	17.46	17.44		
1.4	256QAM	3	1	17.49	17.42	17.50		
1.4	256QAM	3	3	17.67	17.49	17.45		
1.4	256QAM	6	0	17.49	17.55	17.35	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)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.79	22.71	22.72	24	0
10	QPSK	1	25	22.74	22.75	22.68		
10	QPSK	1	49	22.72	22.71	22.62		
10	QPSK	25	0	21.75	21.65	21.68	23	1
10	QPSK	25	12	21.73	21.66	21.74		
10	QPSK	25	25	21.69	21.61	21.73		
10	QPSK	50	0	21.71	21.70	21.64		
10	16QAM	1	0	21.54	22.08	21.93	23	1
10	16QAM	1	25	22.18	22.30	21.88		
10	16QAM	1	49	22.13	21.52	21.57		
10	16QAM	25	0	20.76	20.73	20.67	22	2
10	16QAM	25	12	20.68	20.75	20.69		
10	16QAM	25	25	20.81	20.68	20.80		
10	16QAM	50	0	20.67	20.75	20.76		
10	64QAM	1	0	20.40	20.87	20.79	22	2
10	64QAM	1	25	20.84	20.70	21.05		
10	64QAM	1	49	20.57	21.04	20.54		
10	64QAM	25	0	19.77	19.69	19.66	21	3
10	64QAM	25	12	19.74	19.75	19.89		
10	64QAM	25	25	19.69	19.74	19.79		
10	64QAM	50	0	19.73	19.80	19.74		
10	256QAM	1	0	17.72	17.82	17.81	19	5
10	256QAM	1	25	17.61	17.77	17.77		
10	256QAM	1	49	17.73	17.81	17.63		
10	256QAM	25	0	17.76	17.71	17.71	19	5
10	256QAM	25	12	17.71	17.73	17.81		
10	256QAM	25	25	17.75	17.78	17.81		
10	256QAM	50	0	17.72	17.71	17.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.62	22.77	22.63	24	0
5	QPSK	1	12	22.45	22.60	22.75		
5	QPSK	1	24	22.63	22.68	22.51		
5	QPSK	12	0	21.76	21.66	21.66	23	1
5	QPSK	12	7	21.63	21.63	21.67		
5	QPSK	12	13	21.73	21.70	21.64		
5	QPSK	25	0	21.72	21.70	21.56		
5	16QAM	1	0	22.02	22.01	21.72	23	1
5	16QAM	1	12	21.29	21.85	22.38		
5	16QAM	1	24	21.75	21.88	21.48		
5	16QAM	12	0	20.70	20.69	20.65	22	2
5	16QAM	12	7	20.67	20.71	20.72		
5	16QAM	12	13	20.78	20.72	20.72		
5	16QAM	25	0	20.76	20.63	20.70		
5	64QAM	1	0	20.83	20.77	21.04	22	2
5	64QAM	1	12	20.68	20.63	21.03		
5	64QAM	1	24	20.97	20.87	20.39		
5	64QAM	12	0	19.82	19.74	19.63	21	3
5	64QAM	12	7	19.89	19.79	19.69		
5	64QAM	12	13	19.68	19.76	19.75		
5	64QAM	25	0	19.57	19.62	19.64		
5	256QAM	1	0	17.77	17.69	17.65	19	5
5	256QAM	1	12	17.64	17.44	17.76		
5	256QAM	1	24	17.71	17.69	17.57		
5	256QAM	12	0	17.65	17.66	17.63	19	5
5	256QAM	12	7	17.60	17.61	17.68		
5	256QAM	12	13	17.65	17.55	17.68		
5	256QAM	25	0	17.54	17.67	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.73	22.77	22.69	24	0
3	QPSK	1	8	22.74	22.49	22.67		
3	QPSK	1	14	22.75	22.67	22.61		
3	QPSK	8	0	21.71	21.52	21.70	23	1
3	QPSK	8	4	21.72	21.62	21.83		
3	QPSK	8	7	21.73	21.70	21.71		
3	QPSK	15	0	21.67	21.72	21.72		
3	16QAM	1	0	22.02	22.41	22.02	23	1
3	16QAM	1	8	21.81	21.54	21.96		
3	16QAM	1	14	21.59	21.88	21.71		
3	16QAM	8	0	20.75	20.75	20.82	22	2
3	16QAM	8	4	20.62	20.78	20.80		
3	16QAM	8	7	20.79	20.59	20.69		
3	16QAM	15	0	20.68	20.84	20.68		
3	64QAM	1	0	21.04	20.52	21.00	22	2
3	64QAM	1	8	20.94	20.80	21.03		
3	64QAM	1	14	20.42	20.97	21.01		
3	64QAM	8	0	19.74	19.80	19.81	21	3
3	64QAM	8	4	19.66	19.95	19.58		
3	64QAM	8	7	19.56	19.84	19.79		
3	64QAM	15	0	19.78	19.41	19.60		
3	256QAM	1	0	17.81	17.54	17.72	19	5
3	256QAM	1	8	17.57	17.58	17.72		
3	256QAM	1	14	17.78	17.58	17.44		
3	256QAM	8	0	17.71	17.71	17.60	19	5
3	256QAM	8	4	17.53	17.58	17.63		
3	256QAM	8	7	17.68	17.60	17.78		
3	256QAM	15	0	17.70	17.71	17.58		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.68	22.53	24	0
1.4	QPSK	1	3	22.64	22.69	22.59		
1.4	QPSK	1	5	22.65	22.55	22.61		
1.4	QPSK	3	0	22.65	22.63	22.66		
1.4	QPSK	3	1	22.73	22.67	22.72		
1.4	QPSK	3	3	22.67	22.64	22.63		
1.4	QPSK	6	0	21.67	21.63	21.69	23	1
1.4	16QAM	1	0	21.86	21.84	21.58	23	1
1.4	16QAM	1	3	21.98	22.21	22.05		
1.4	16QAM	1	5	22.09	21.78	21.83		
1.4	16QAM	3	0	21.75	21.68	21.77		
1.4	16QAM	3	1	21.72	21.91	21.72		
1.4	16QAM	3	3	21.80	21.65	21.86		
1.4	16QAM	6	0	20.77	20.72	20.68	22	2
1.4	64QAM	1	0	20.75	20.49	20.55	22	2
1.4	64QAM	1	3	21.13	21.32	21.12		
1.4	64QAM	1	5	21.08	20.33	20.78		
1.4	64QAM	3	0	20.72	20.82	20.88		
1.4	64QAM	3	1	20.91	21.02	20.95		
1.4	64QAM	3	3	20.85	20.89	20.96		
1.4	64QAM	6	0	19.59	19.73	19.62	21	3
1.4	256QAM	1	0	17.73	17.59	17.70	19	5
1.4	256QAM	1	3	17.76	17.46	17.68		
1.4	256QAM	1	5	17.79	17.72	17.45		
1.4	256QAM	3	0	17.59	17.73	17.71		
1.4	256QAM	3	1	17.73	17.65	17.65		
1.4	256QAM	3	3	17.76	17.67	17.70		
1.4	256QAM	6	0	17.62	17.71	17.69	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)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.45	22.90	22.88	24	0
20	QPSK	1	49	22.44	22.70	22.86		
20	QPSK	1	99	22.40	22.46	22.76		
20	QPSK	50	0	21.45	21.80	21.77	23	1
20	QPSK	50	24	21.52	21.73	21.78		
20	QPSK	50	50	21.59	21.74	21.72		
20	QPSK	100	0	21.49	21.72	21.71		
20	16QAM	1	0	21.46	21.47	21.89	23	1
20	16QAM	1	49	21.91	21.84	22.03		
20	16QAM	1	99	21.99	21.72	22.27		
20	16QAM	50	0	20.52	20.80	20.88	22	2
20	16QAM	50	24	20.51	20.68	20.96		
20	16QAM	50	50	20.60	20.87	21.10		
20	16QAM	100	0	20.57	20.60	20.99		
20	64QAM	1	0	20.39	20.43	21.03	22	2
20	64QAM	1	49	20.54	20.91	21.12		
20	64QAM	1	99	20.84	20.66	21.34		
20	64QAM	50	0	19.48	19.77	19.90	21	3
20	64QAM	50	24	19.54	19.64	19.92		
20	64QAM	50	50	19.53	19.76	20.11		
20	64QAM	100	0	19.66	19.79	19.83		
20	256QAM	1	0	17.24	17.79	17.95	19	5
20	256QAM	1	49	17.26	17.81	17.96		
20	256QAM	1	99	17.52	18.02	18.07		
20	256QAM	50	0	17.28	17.73	17.96	19	5
20	256QAM	50	24	17.26	17.85	18.04		
20	256QAM	50	50	17.38	17.91	17.93		
20	256QAM	100	0	17.32	17.82	17.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.30	22.73	22.45	24	0
15	QPSK	1	37	22.25	22.62	22.67		
15	QPSK	1	74	22.28	22.40	22.70		
15	QPSK	36	0	21.41	21.69	21.85	23	1
15	QPSK	36	20	21.51	21.73	22.05		
15	QPSK	36	39	21.54	21.80	22.16		
15	QPSK	75	0	21.47	21.75	22.06		
15	16QAM	1	0	21.79	22.09	22.28	23	1
15	16QAM	1	37	21.81	22.14	22.55		
15	16QAM	1	74	21.90	22.31	22.60		
15	16QAM	36	0	20.36	20.66	20.91	22	2
15	16QAM	36	20	20.55	20.59	21.05		
15	16QAM	36	39	20.49	20.79	21.04		
15	16QAM	75	0	20.49	20.63	21.06		
15	64QAM	1	0	20.66	20.85	20.60	22	2
15	64QAM	1	37	20.39	20.49	21.18		
15	64QAM	1	74	20.53	20.64	21.00		
15	64QAM	36	0	19.86	19.70	19.95	21	3
15	64QAM	36	20	19.91	19.68	20.06		
15	64QAM	36	39	20.09	19.82	20.20		
15	64QAM	75	0	19.53	19.71	20.06		
15	256QAM	1	0	17.25	17.76	17.87	19	5
15	256QAM	1	37	17.23	17.71	17.77		
15	256QAM	1	74	17.49	17.86	17.97		
15	256QAM	36	0	17.23	17.62	17.79	19	5
15	256QAM	36	20	17.24	17.66	17.85		
15	256QAM	36	39	17.39	17.76	17.84		
15	256QAM	75	0	17.27	17.82	17.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.38	22.61	22.73	24	0
10	QPSK	1	25	22.26	22.30	22.75		
10	QPSK	1	49	22.24	22.71	22.77		
10	QPSK	25	0	21.77	21.81	22.06	23	1
10	QPSK	25	12	21.73	21.88	22.24		
10	QPSK	25	25	21.66	21.90	22.29		
10	QPSK	50	0	21.60	21.84	22.18		
10	16QAM	1	0	22.08	22.28	22.10	23	1
10	16QAM	1	25	22.10	22.13	22.43		
10	16QAM	1	49	22.21	22.26	22.38		
10	16QAM	25	0	20.74	20.86	21.17	22	2
10	16QAM	25	12	20.76	20.84	21.24		
10	16QAM	25	25	20.70	20.95	21.30		
10	16QAM	50	0	20.68	20.90	21.16		
10	64QAM	1	0	21.21	21.20	21.37	22	2
10	64QAM	1	25	21.23	21.30	21.51		
10	64QAM	1	49	21.19	21.35	21.66		
10	64QAM	25	0	19.76	19.88	20.20	21	3
10	64QAM	25	12	19.85	20.04	20.32		
10	64QAM	25	25	19.72	20.00	20.26		
10	64QAM	50	0	19.82	19.93	20.14		
10	256QAM	1	0	17.26	17.68	17.92	19	5
10	256QAM	1	25	17.32	17.71	17.92		
10	256QAM	1	49	17.48	17.96	17.90		
10	256QAM	25	0	17.28	17.64	17.78	19	5
10	256QAM	25	12	17.21	17.68	17.86		
10	256QAM	25	25	17.36	17.71	17.73		
10	256QAM	50	0	17.22	17.62	17.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.38	22.60	22.46	24	0
5	QPSK	1	12	22.30	22.62	22.50		
5	QPSK	1	24	22.46	22.78	22.81		
5	QPSK	12	0	21.66	21.85	22.16	23	1
5	QPSK	12	7	21.75	21.85	22.24		
5	QPSK	12	13	21.57	21.86	22.24		
5	QPSK	25	0	21.74	21.74	22.26		
5	16QAM	1	0	22.00	22.32	22.37	23	1
5	16QAM	1	12	22.39	22.29	22.34		
5	16QAM	1	24	22.10	22.56	22.64		
5	16QAM	12	0	20.65	20.80	21.17	22	2
5	16QAM	12	7	20.72	20.83	21.31		
5	16QAM	12	13	20.61	20.90	21.21		
5	16QAM	25	0	20.73	20.76	21.30		
5	64QAM	1	0	21.20	21.21	21.37	22	2
5	64QAM	1	12	21.21	21.05	21.51		
5	64QAM	1	24	21.17	21.30	21.47		
5	64QAM	12	0	20.13	19.90	20.17	21	3
5	64QAM	12	7	20.08	20.10	20.36		
5	64QAM	12	13	20.29	20.31	20.42		
5	64QAM	25	0	19.60	19.87	20.21		
5	256QAM	1	0	17.22	17.65	17.77	19	5
5	256QAM	1	12	17.28	17.75	17.78		
5	256QAM	1	24	17.52	17.98	18.04		
5	256QAM	12	0	17.22	17.59	17.96	19	5
5	256QAM	12	7	17.32	17.80	17.97		
5	256QAM	12	13	17.37	17.73	17.81		
5	256QAM	25	0	17.40	17.68	17.73		

Band 7_Ant 4_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.73	22.82	22.86	24	0
20	QPSK	1	49	22.69	22.77	22.84		
20	QPSK	1	99	22.76	22.77	22.81		
20	QPSK	50	0	21.32	21.41	21.46	23	1
20	QPSK	50	24	21.34	21.37	21.44		
20	QPSK	50	50	21.33	21.33	21.38		
20	QPSK	100	0	21.37	21.39	21.44		
20	16QAM	1	0	21.32	21.38	21.39	23	1
20	16QAM	1	49	21.23	21.37	21.41		
20	16QAM	1	99	21.28	21.36	21.38		
20	16QAM	50	0	20.39	20.43	20.47	22	2
20	16QAM	50	24	20.37	20.39	20.50		
20	16QAM	50	50	20.37	20.35	20.42		
20	16QAM	100	0	20.41	20.45	20.48		
20	64QAM	1	0	20.34	20.43	20.47	22	2
20	64QAM	1	49	20.35	20.37	20.39		
20	64QAM	1	99	20.41	20.41	20.46		
20	64QAM	50	0	19.37	19.45	19.51	21	3
20	64QAM	50	24	19.39	19.43	19.48		
20	64QAM	50	50	19.38	19.37	19.38		
20	64QAM	100	0	19.34	19.37	19.47		
20	256QAM	1	0	17.45	17.51	17.48	19	5
20	256QAM	1	49	17.33	17.47	17.59		
20	256QAM	1	99	17.41	17.52	17.64		
20	256QAM	50	0	17.35	17.45	17.56	19	5
20	256QAM	50	24	17.37	17.41	17.53		
20	256QAM	50	50	17.46	17.47	17.51		
20	256QAM	100	0	17.33	17.39	17.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.66	22.79	22.83	24	0
15	QPSK	1	37	22.66	22.72	22.71		
15	QPSK	1	74	22.84	22.77	22.78		
15	QPSK	36	0	21.24	21.41	21.36	23	1
15	QPSK	36	20	21.29	21.36	21.31		
15	QPSK	36	39	21.29	21.23	21.27		
15	QPSK	75	0	21.28	21.35	21.40		
15	16QAM	1	0	21.29	21.23	21.25	23	1
15	16QAM	1	37	21.26	21.37	21.37		
15	16QAM	1	74	21.21	21.41	21.23		
15	16QAM	36	0	20.37	20.37	20.32	22	2
15	16QAM	36	20	20.27	20.39	20.44		
15	16QAM	36	39	20.44	20.21	20.32		
15	16QAM	75	0	20.35	20.36	20.52		
15	64QAM	1	0	20.24	20.45	20.34	22	2
15	64QAM	1	37	20.37	20.35	20.30		
15	64QAM	1	74	20.49	20.44	20.44		
15	64QAM	36	0	19.41	19.47	19.46	21	3
15	64QAM	36	20	19.40	19.43	19.52		
15	64QAM	36	39	19.36	19.32	19.31		
15	64QAM	75	0	19.28	19.27	19.41		
15	256QAM	1	0	17.47	17.36	17.44	19	5
15	256QAM	1	37	17.30	17.36	17.53		
15	256QAM	1	74	17.38	17.52	17.63		
15	256QAM	36	0	17.42	17.37	17.46	19	5
15	256QAM	36	20	17.34	17.38	17.41		
15	256QAM	36	39	17.38	17.37	17.50		
15	256QAM	75	0	17.23	17.38	17.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.77	22.68	22.84	24	0
10	QPSK	1	25	22.65	22.57	22.68		
10	QPSK	1	49	22.73	22.62	22.73		
10	QPSK	25	0	21.27	21.34	21.44	23	1
10	QPSK	25	12	21.28	21.26	21.43		
10	QPSK	25	25	21.29	21.30	21.29		
10	QPSK	50	0	21.31	21.22	21.36		
10	16QAM	1	0	21.30	21.25	21.32	23	1
10	16QAM	1	25	21.28	21.20	21.37		
10	16QAM	1	49	21.32	21.32	21.26		
10	16QAM	25	0	20.24	20.29	20.40	22	2
10	16QAM	25	12	20.37	20.31	20.41		
10	16QAM	25	25	20.28	20.30	20.24		
10	16QAM	50	0	20.36	20.29	20.36		
10	64QAM	1	0	20.29	20.27	20.30	22	2
10	64QAM	1	25	20.33	20.35	20.27		
10	64QAM	1	49	20.46	20.39	20.26		
10	64QAM	25	0	19.40	19.33	19.49	21	3
10	64QAM	25	12	19.33	19.43	19.47		
10	64QAM	25	25	19.29	19.25	19.29		
10	64QAM	50	0	19.28	19.26	19.31		
10	256QAM	1	0	17.38	17.44	17.40	19	5
10	256QAM	1	25	17.36	17.42	17.40		
10	256QAM	1	49	17.33	17.43	17.49		
10	256QAM	25	0	17.30	17.37	17.51	19	5
10	256QAM	25	12	17.37	17.26	17.37		
10	256QAM	25	25	17.48	17.43	17.31		
10	256QAM	50	0	17.26	17.22	17.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.64	22.80	22.80	24	0
5	QPSK	1	12	22.70	22.78	22.70		
5	QPSK	1	24	22.85	22.83	22.79		
5	QPSK	12	0	21.42	21.35	21.44	23	1
5	QPSK	12	7	21.33	21.37	21.37		
5	QPSK	12	13	21.42	21.38	21.26		
5	QPSK	25	0	21.42	21.41	21.35		
5	16QAM	1	0	21.40	21.31	21.29	23	1
5	16QAM	1	12	21.24	21.27	21.36		
5	16QAM	1	24	21.23	21.41	21.26		
5	16QAM	12	0	20.47	20.39	20.39	22	2
5	16QAM	12	7	20.41	20.34	20.37		
5	16QAM	12	13	20.35	20.31	20.42		
5	16QAM	25	0	20.47	20.34	20.47		
5	64QAM	1	0	20.40	20.46	20.43	22	2
5	64QAM	1	12	20.43	20.41	20.26		
5	64QAM	1	24	20.38	20.35	20.32		
5	64QAM	12	0	19.47	19.50	19.40	21	3
5	64QAM	12	7	19.45	19.35	19.40		
5	64QAM	12	13	19.48	19.36	19.24		
5	64QAM	25	0	19.31	19.28	19.36		
5	256QAM	1	0	17.39	17.42	17.33	19	5
5	256QAM	1	12	17.39	17.46	17.47		
5	256QAM	1	24	17.46	17.46	17.52		
5	256QAM	12	0	17.27	17.45	17.46	19	5
5	256QAM	12	7	17.27	17.43	17.39		
5	256QAM	12	13	17.51	17.46	17.51		
5	256QAM	25	0	17.29	17.33	17.48		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.75	22.50	22.70	24	0
10	QPSK	1	25	22.60	22.61	22.60		
10	QPSK	1	49	22.54	22.33	22.51		
10	QPSK	25	0	21.65	21.49	21.55	23	1
10	QPSK	25	12	21.63	21.56	21.64		
10	QPSK	25	25	21.62	21.62	21.64		
10	QPSK	50	0	21.58	21.51	21.57		
10	16QAM	1	0	21.58	21.99	22.03	23	1
10	16QAM	1	25	21.89	21.63	21.54		
10	16QAM	1	49	21.50	22.15	22.09		
10	16QAM	25	0	20.64	20.67	20.81	22	2
10	16QAM	25	12	20.62	20.67	20.64		
10	16QAM	25	25	20.83	20.60	20.70		
10	16QAM	50	0	20.69	20.64	20.70		
10	64QAM	1	0	20.55	21.01	20.76	22	2
10	64QAM	1	25	20.85	20.86	20.86		
10	64QAM	1	49	20.48	20.67	20.51		
10	64QAM	25	0	19.56	19.72	19.54	21	3
10	64QAM	25	12	19.83	19.69	19.74		
10	64QAM	25	25	19.67	19.72	19.67		
10	64QAM	50	0	19.64	19.60	19.78		
10	256QAM	1	0	17.76	17.71	17.57	19	5
10	256QAM	1	25	17.65	17.73	17.82		
10	256QAM	1	49	17.81	17.84	17.71		
10	256QAM	25	0	17.69	17.63	17.58	19	5
10	256QAM	25	12	17.72	17.71	17.77		
10	256QAM	25	25	17.69	17.68	17.66		
10	256QAM	50	0	17.52	17.56	17.54		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.32	22.41	22.55	24	0
5	QPSK	1	12	22.27	22.53	22.26		
5	QPSK	1	24	22.57	22.52	22.26		
5	QPSK	12	0	21.66	21.54	21.54	23	1
5	QPSK	12	7	21.63	21.61	21.52		
5	QPSK	12	13	21.51	21.57	21.51		
5	QPSK	25	0	21.55	21.62	21.53		
5	16QAM	1	0	22.02	21.80	22.14	23	1
5	16QAM	1	12	22.49	22.13	21.86		
5	16QAM	1	24	21.82	21.75	21.76		
5	16QAM	12	0	20.60	20.57	20.57	22	2
5	16QAM	12	7	20.69	20.72	20.65		
5	16QAM	12	13	20.73	20.79	20.56		
5	16QAM	25	0	20.62	20.56	20.45		
5	64QAM	1	0	20.75	20.76	20.70	22	2
5	64QAM	1	12	20.78	20.97	20.78		
5	64QAM	1	24	20.59	20.89	20.60		
5	64QAM	12	0	19.59	19.54	19.68	21	3
5	64QAM	12	7	19.62	19.72	19.59		
5	64QAM	12	13	19.76	19.66	19.66		
5	64QAM	25	0	19.62	19.48	19.56		
5	256QAM	1	0	17.76	17.56	17.45	19	5
5	256QAM	1	12	17.56	17.63	17.60		
5	256QAM	1	24	17.71	17.81	17.68		
5	256QAM	12	0	17.64	17.50	17.44	19	5
5	256QAM	12	7	17.71	17.63	17.60		
5	256QAM	12	13	17.61	17.51	17.47		
5	256QAM	25	0	17.35	17.54	17.51		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.50	22.62	22.47	24	0
3	QPSK	1	8	22.74	22.45	22.36		
3	QPSK	1	14	22.31	22.61	22.56		
3	QPSK	8	0	21.67	21.74	21.58	23	1
3	QPSK	8	4	21.65	21.40	21.63		
3	QPSK	8	7	21.64	21.66	21.60		
3	QPSK	15	0	21.57	21.69	21.63		
3	16QAM	1	0	22.10	22.15	22.04	23	1
3	16QAM	1	8	21.87	21.99	21.86		
3	16QAM	1	14	21.65	21.48	21.96		
3	16QAM	8	0	20.73	20.47	20.61	22	2
3	16QAM	8	4	20.74	20.86	20.56		
3	16QAM	8	7	20.67	20.85	20.70		
3	16QAM	15	0	20.70	20.65	20.46		
3	64QAM	1	0	20.81	20.85	20.94	22	2
3	64QAM	1	8	20.89	20.71	20.70		
3	64QAM	1	14	20.60	20.52	20.32		
3	64QAM	8	0	19.92	19.75	19.57	21	3
3	64QAM	8	4	20.02	19.56	19.61		
3	64QAM	8	7	19.45	19.89	19.63		
3	64QAM	15	0	19.80	19.83	19.36		
3	256QAM	1	0	17.57	17.66	17.53	19	5
3	256QAM	1	8	17.59	17.70	17.49		
3	256QAM	1	14	17.63	17.74	17.66		
3	256QAM	8	0	17.55	17.48	17.43	19	5
3	256QAM	8	4	17.56	17.59	17.73		
3	256QAM	8	7	17.57	17.48	17.51		
3	256QAM	15	0	17.33	17.56	17.39		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.44	22.47	22.45	24	0
1.4	QPSK	1	3	22.51	22.44	22.48		
1.4	QPSK	1	5	22.37	22.43	22.31		
1.4	QPSK	3	0	22.51	22.46	22.46		
1.4	QPSK	3	1	22.58	22.53	22.42		
1.4	QPSK	3	3	22.55	22.55	22.53		
1.4	QPSK	6	0	21.48	21.53	21.61	23	1
1.4	16QAM	1	0	21.62	22.00	21.74	23	1
1.4	16QAM	1	3	22.18	22.20	21.51		
1.4	16QAM	1	5	21.72	21.61	22.15		
1.4	16QAM	3	0	21.55	21.72	21.57		
1.4	16QAM	3	1	21.69	21.86	21.67		
1.4	16QAM	3	3	21.66	21.85	21.39		
1.4	16QAM	6	0	20.72	20.61	20.77	22	2
1.4	64QAM	1	0	20.86	20.72	20.84	22	2
1.4	64QAM	1	3	20.79	20.79	20.83		
1.4	64QAM	1	5	20.76	20.83	20.75		
1.4	64QAM	3	0	20.91	20.65	20.66		
1.4	64QAM	3	1	20.34	20.80	20.58		
1.4	64QAM	3	3	20.62	20.75	20.32		
1.4	64QAM	6	0	19.68	19.52	19.62	21	3
1.4	256QAM	1	0	17.69	17.61	17.56	19	5
1.4	256QAM	1	3	17.55	17.63	17.51		
1.4	256QAM	1	5	17.64	17.75	17.66		
1.4	256QAM	3	0	17.50	17.43	17.55		
1.4	256QAM	3	1	17.55	17.71	17.72		
1.4	256QAM	3	3	17.52	17.61	17.60		
1.4	256QAM	6	0	17.47	17.49	17.44	19	5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.66		24	0
10	QPSK	1	25		22.48			
10	QPSK	1	49		22.52			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.47			
10	QPSK	25	25		21.60			
10	QPSK	50	0		21.52			
10	16QAM	1	0		22.23		23	1
10	16QAM	1	25		21.57			
10	16QAM	1	49		21.90			
10	16QAM	25	0		20.53		22	2
10	16QAM	25	12		20.56			
10	16QAM	25	25		20.65			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.88		22	2
10	64QAM	1	25		20.78			
10	64QAM	1	49		20.86			
10	64QAM	25	0		19.54		21	3
10	64QAM	25	12		19.56			
10	64QAM	25	25		19.63			
10	64QAM	50	0		19.59			
10	256QAM	1	0		18.25		19	5
10	256QAM	1	25		18.18			
10	256QAM	1	49		18.32			
10	256QAM	25	0		18.07		19	5
10	256QAM	25	12		18.03			
10	256QAM	25	25		18.11			
10	256QAM	50	0		18.06			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.36	22.63	22.43	24	0
5	QPSK	1	12	22.65	22.57	22.47		
5	QPSK	1	24	22.54	22.42	22.52		
5	QPSK	12	0	21.50	21.49	21.54	23	1
5	QPSK	12	7	21.64	21.55	21.42		
5	QPSK	12	13	21.46	21.59	21.60		
5	QPSK	25	0	21.63	21.57	21.39		
5	16QAM	1	0	21.86	22.04	22.06	23	1
5	16QAM	1	12	22.20	21.74	22.30		
5	16QAM	1	24	21.68	21.88	21.79		
5	16QAM	12	0	20.59	20.61	20.43	22	2
5	16QAM	12	7	20.66	20.58	20.63		
5	16QAM	12	13	20.61	20.67	20.70		
5	16QAM	25	0	20.57	20.55	20.56		
5	64QAM	1	0	20.40	20.62	20.54	22	2
5	64QAM	1	12	20.58	21.08	20.73		
5	64QAM	1	24	20.73	21.09	20.27		
5	64QAM	12	0	19.48	19.58	19.54	21	3
5	64QAM	12	7	19.74	19.64	19.60		
5	64QAM	12	13	19.49	19.63	19.58		
5	64QAM	25	0	19.63	19.54	19.47		
5	256QAM	1	0	18.26	18.11	18.09	19	5
5	256QAM	1	12	18.22	18.21	18.06		
5	256QAM	1	24	18.19	18.11	18.11		
5	256QAM	12	0	18.05	18.03	18.04	19	5
5	256QAM	12	7	18.03	18.23	17.99		
5	256QAM	12	13	18.13	18.06	18.04		
5	256QAM	25	0	18.06	18.07	17.87		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.66	22.70	22.60	24	0
10	QPSK	1	25	22.57	22.40	22.33		
10	QPSK	1	49	22.45	22.49	22.43		
10	QPSK	25	0	21.62	21.65	21.56	23	1
10	QPSK	25	12	21.62	21.59	21.54		
10	QPSK	25	25	21.60	21.63	21.64		
10	QPSK	50	0	21.63	21.64	21.58		
10	16QAM	1	0	21.99	22.00	21.73	23	1
10	16QAM	1	25	21.73	22.17	21.69		
10	16QAM	1	49	21.90	22.22	21.80		
10	16QAM	25	0	20.57	20.64	20.65	22	2
10	16QAM	25	12	20.71	20.66	20.68		
10	16QAM	25	25	20.54	20.75	20.48		
10	16QAM	50	0	20.58	20.62	20.60		
10	64QAM	1	0	20.64	20.43	20.36	22	2
10	64QAM	1	25	20.80	20.74	20.73		
10	64QAM	1	49	20.86	21.02	20.79		
10	64QAM	25	0	19.66	19.64	19.68	21	3
10	64QAM	25	12	19.83	19.71	19.69		
10	64QAM	25	25	19.55	19.74	19.68		
10	64QAM	50	0	19.72	19.68	19.62		
10	256QAM	1	0	17.68	17.75	17.66	19	5
10	256QAM	1	25	17.63	17.65	17.58		
10	256QAM	1	49	17.79	17.81	17.71		
10	256QAM	25	0	17.76	17.78	17.63	19	5
10	256QAM	25	12	17.74	17.72	17.61		
10	256QAM	25	25	17.63	17.62	17.59		
10	256QAM	50	0	17.67	17.71	17.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.54	22.52	22.66	24	0
5	QPSK	1	12	22.56	22.42	22.53		
5	QPSK	1	24	22.47	22.61	22.53		
5	QPSK	12	0	21.59	21.53	21.68	23	1
5	QPSK	12	7	21.58	21.65	21.64		
5	QPSK	12	13	21.63	21.56	21.54		
5	QPSK	25	0	21.60	21.63	21.58		
5	16QAM	1	0	22.13	21.89	21.89	23	1
5	16QAM	1	12	22.04	21.89	21.34		
5	16QAM	1	24	21.72	21.58	22.10		
5	16QAM	12	0	20.69	20.61	20.77	22	2
5	16QAM	12	7	20.71	20.43	20.77		
5	16QAM	12	13	20.59	20.49	20.56		
5	16QAM	25	0	20.69	20.59	20.65		
5	64QAM	1	0	20.84	21.00	20.33	22	2
5	64QAM	1	12	20.86	20.89	21.03		
5	64QAM	1	24	20.93	20.53	20.89		
5	64QAM	12	0	19.61	19.66	19.72	21	3
5	64QAM	12	7	19.68	19.75	19.66		
5	64QAM	12	13	19.51	19.80	19.66		
5	64QAM	25	0	19.67	19.62	19.67		
5	256QAM	1	0	17.64	17.58	17.63	19	5
5	256QAM	1	12	17.49	17.56	17.52		
5	256QAM	1	24	17.70	17.61	17.69		
5	256QAM	12	0	17.62	17.58	17.57	19	5
5	256QAM	12	7	17.57	17.65	17.58		
5	256QAM	12	13	17.49	17.62	17.50		
5	256QAM	25	0	17.56	17.51	17.49		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.75	22.80	22.70	24	0
15	QPSK	1	37	22.57	22.49	22.53		
15	QPSK	1	74	22.46	22.58	22.54		
15	QPSK	36	0	21.54	21.72	21.60	23	1
15	QPSK	36	20	21.56	21.51	21.63		
15	QPSK	36	39	21.51	21.71	21.67		
15	QPSK	75	0	21.59	21.68	21.66		
15	16QAM	1	0	21.76	22.00	21.55	23	1
15	16QAM	1	37	21.78	21.68	21.78		
15	16QAM	1	74	21.67	22.19	21.79		
15	16QAM	36	0	20.54	20.57	20.61	22	2
15	16QAM	36	20	20.55	20.50	20.64		
15	16QAM	36	39	20.52	20.62	20.67		
15	16QAM	75	0	20.71	20.59	20.63		
15	64QAM	1	0	20.62	20.78	20.80	22	2
15	64QAM	1	37	20.60	20.86	20.76		
15	64QAM	1	74	20.72	20.83	20.68		
15	64QAM	36	0	19.65	19.63	19.62	21	3
15	64QAM	36	20	19.67	19.60	19.58		
15	64QAM	36	39	19.61	19.63	19.69		
15	64QAM	75	0	19.72	19.50	19.63		
15	256QAM	1	0	17.83	17.73	17.81	19	5
15	256QAM	1	37	17.61	17.59	17.61		
15	256QAM	1	74	17.71	17.79	17.54		
15	256QAM	36	0	17.48	17.58	17.49	19	5
15	256QAM	36	20	17.61	17.58	17.51		
15	256QAM	36	39	17.60	17.65	17.63		
15	256QAM	75	0	17.54	17.57	17.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.74	22.62	22.63	24	0
10	QPSK	1	25	22.59	22.23	22.74		
10	QPSK	1	49	22.52	22.79	22.74		
10	QPSK	25	0	21.74	21.78	21.72	23	1
10	QPSK	25	12	21.65	21.64	21.70		
10	QPSK	25	25	21.61	21.77	21.81		
10	QPSK	50	0	21.72	21.72	21.77		
10	16QAM	1	0	22.13	21.91	21.87	23	1
10	16QAM	1	25	21.82	21.81	21.96		
10	16QAM	1	49	22.05	22.00	22.07		
10	16QAM	25	0	20.89	20.71	20.79	22	2
10	16QAM	25	12	20.77	20.71	20.73		
10	16QAM	25	25	20.51	20.83	20.77		
10	16QAM	50	0	20.84	20.71	20.74		
10	64QAM	1	0	20.97	20.98	20.62	22	2
10	64QAM	1	25	20.90	20.93	21.00		
10	64QAM	1	49	21.06	21.15	20.87		
10	64QAM	25	0	19.80	19.80	19.72	21	3
10	64QAM	25	12	19.75	19.82	19.73		
10	64QAM	25	25	19.76	19.83	19.78		
10	64QAM	50	0	19.79	19.72	19.83		
10	256QAM	1	0	17.74	17.61	17.73	19	5
10	256QAM	1	25	17.46	17.42	17.50		
10	256QAM	1	49	17.56	17.62	17.46		
10	256QAM	25	0	17.30	17.54	17.46	19	5
10	256QAM	25	12	17.60	17.42	17.41		
10	256QAM	25	25	17.52	17.45	17.51		
10	256QAM	50	0	17.38	17.49	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.64	22.68	22.67	24	0
5	QPSK	1	12	22.62	22.67	22.64		
5	QPSK	1	24	22.36	22.56	22.70		
5	QPSK	12	0	21.71	21.68	21.70	23	1
5	QPSK	12	7	21.82	21.72	21.71		
5	QPSK	12	13	21.65	21.68	21.66		
5	QPSK	25	0	21.69	21.68	21.67		
5	16QAM	1	0	21.69	22.29	22.02	23	1
5	16QAM	1	12	22.06	21.78	21.31		
5	16QAM	1	24	21.75	21.82	21.79		
5	16QAM	12	0	20.72	20.64	20.63	22	2
5	16QAM	12	7	20.72	20.76	20.87		
5	16QAM	12	13	20.62	20.82	20.71		
5	16QAM	25	0	20.68	20.64	20.83		
5	64QAM	1	0	20.95	20.94	20.84	22	2
5	64QAM	1	12	20.85	20.85	20.73		
5	64QAM	1	24	20.71	20.82	20.73		
5	64QAM	12	0	19.79	19.73	19.82	21	3
5	64QAM	12	7	19.70	19.88	19.68		
5	64QAM	12	13	19.83	19.75	19.67		
5	64QAM	25	0	19.75	19.62	19.75		
5	256QAM	1	0	17.73	17.67	17.78	19	5
5	256QAM	1	12	17.43	17.43	17.53		
5	256QAM	1	24	17.58	17.59	17.52		
5	256QAM	12	0	17.34	17.54	17.49	19	5
5	256QAM	12	7	17.42	17.44	17.50		
5	256QAM	12	13	17.58	17.48	17.51		
5	256QAM	25	0	17.53	17.56	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.74	22.65	22.64	24	0
3	QPSK	1	8	22.79	22.61	22.72		
3	QPSK	1	14	22.57	22.70	22.74		
3	QPSK	8	0	21.68	21.64	21.82	23	1
3	QPSK	8	4	21.79	21.67	21.79		
3	QPSK	8	7	21.69	21.73	21.62		
3	QPSK	15	0	21.63	21.65	21.74		
3	16QAM	1	0	21.87	21.78	21.82	23	1
3	16QAM	1	8	21.80	21.86	21.89		
3	16QAM	1	14	22.24	22.32	22.04		
3	16QAM	8	0	20.83	20.70	20.87	22	2
3	16QAM	8	4	20.81	20.83	20.83		
3	16QAM	8	7	20.80	20.65	20.80		
3	16QAM	15	0	20.63	20.68	20.89		
3	64QAM	1	0	21.11	20.76	20.52	22	2
3	64QAM	1	8	20.74	20.87	20.81		
3	64QAM	1	14	20.65	20.83	20.68		
3	64QAM	8	0	19.73	19.63	19.96	21	3
3	64QAM	8	4	19.59	19.88	19.65		
3	64QAM	8	7	19.77	19.80	19.67		
3	64QAM	15	0	19.83	19.78	19.86		
3	256QAM	1	0	17.67	17.68	17.74	19	5
3	256QAM	1	8	17.51	17.52	17.57		
3	256QAM	1	14	17.66	17.68	17.37		
3	256QAM	8	0	17.44	17.45	17.45	19	5
3	256QAM	8	4	17.61	17.45	17.35		
3	256QAM	8	7	17.50	17.63	17.63		
3	256QAM	15	0	17.48	17.57	17.57		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.56	22.40	22.43	24	0
1.4	QPSK	1	3	22.69	22.53	22.71		
1.4	QPSK	1	5	22.45	22.46	22.34		
1.4	QPSK	3	0	22.51	22.51	22.53		
1.4	QPSK	3	1	22.55	22.50	22.57		
1.4	QPSK	3	3	22.63	22.62	22.40		
1.4	QPSK	6	0	21.56	21.60	21.58	23	1
1.4	16QAM	1	0	22.08	22.06	22.17	23	1
1.4	16QAM	1	3	22.07	22.17	21.75		
1.4	16QAM	1	5	21.69	22.10	22.01		
1.4	16QAM	3	0	21.74	21.72	21.78		
1.4	16QAM	3	1	21.82	21.74	21.83		
1.4	16QAM	3	3	21.82	21.73	21.72		
1.4	16QAM	6	0	20.78	20.61	20.71	22	2
1.4	64QAM	1	0	21.14	20.85	21.07	22	2
1.4	64QAM	1	3	20.50	20.82	21.17		
1.4	64QAM	1	5	20.83	20.76	20.64		
1.4	64QAM	3	0	20.50	20.60	20.59		
1.4	64QAM	3	1	20.68	20.92	20.90		
1.4	64QAM	3	3	20.70	20.98	20.81		
1.4	64QAM	6	0	19.29	19.61	19.34	21	3
1.4	256QAM	1	0	17.77	17.72	17.61	19	5
1.4	256QAM	1	3	17.51	17.39	17.44		
1.4	256QAM	1	5	17.68	17.77	17.37		
1.4	256QAM	3	0	17.34	17.52	17.47		
1.4	256QAM	3	1	17.60	17.45	17.44		
1.4	256QAM	3	3	17.43	17.56	17.50		
1.4	256QAM	6	0	17.36	17.42	17.64	19	5

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.60	22.73	22.65	24	0
20	QPSK	1	49	22.58	22.43	22.54		
20	QPSK	1	99	22.40	22.42	22.38		
20	QPSK	50	0	21.42	21.65	21.61	23	1
20	QPSK	50	24	21.58	21.62	21.64		
20	QPSK	50	50	21.45	21.64	21.59		
20	QPSK	100	0	21.53	21.62	21.54		
20	16QAM	1	0	21.49	22.17	21.98	23	1
20	16QAM	1	49	21.64	22.16	21.81		
20	16QAM	1	99	21.93	21.92	21.65		
20	16QAM	50	0	20.40	20.52	20.71	22	2
20	16QAM	50	24	20.48	20.58	20.66		
20	16QAM	50	50	20.52	20.47	20.70		
20	16QAM	100	0	20.50	20.58	20.50		
20	64QAM	1	0	20.53	20.68	21.00	22	2
20	64QAM	1	49	20.53	20.63	20.97		
20	64QAM	1	99	20.81	20.39	20.29		
20	64QAM	50	0	19.42	19.60	19.72	21	3
20	64QAM	50	24	19.55	19.53	19.63		
20	64QAM	50	50	19.48	19.65	19.62		
20	64QAM	100	0	19.51	19.63	19.66		
20	256QAM	1	0	17.44	17.55	17.49	19	5
20	256QAM	1	49	17.42	17.47	17.57		
20	256QAM	1	99	17.37	17.43	17.41		
20	256QAM	50	0	17.38	17.43	17.38	19	5
20	256QAM	50	24	17.41	17.44	17.43		
20	256QAM	50	50	17.33	17.43	17.38		
20	256QAM	100	0	17.35	17.35	17.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.28	22.67	22.55	24	0
15	QPSK	1	37	22.38	22.59	22.56		
15	QPSK	1	74	22.32	22.42	22.38		
15	QPSK	36	0	21.38	21.61	21.54	23	1
15	QPSK	36	20	21.47	21.57	21.58		
15	QPSK	36	39	21.48	21.60	21.54		
15	QPSK	75	0	21.39	21.52	21.57		
15	16QAM	1	0	21.95	21.71	22.12	23	1
15	16QAM	1	37	21.77	21.95	21.53		
15	16QAM	1	74	21.48	21.67	21.78		
15	16QAM	36	0	20.25	20.44	20.47	22	2
15	16QAM	36	20	20.46	20.66	20.65		
15	16QAM	36	39	20.34	20.55	20.47		
15	16QAM	75	0	20.45	20.60	20.57		
15	64QAM	1	0	20.34	20.66	20.46	22	2
15	64QAM	1	37	20.21	20.53	20.58		
15	64QAM	1	74	20.46	20.21	20.72		
15	64QAM	36	0	19.44	19.48	19.54	21	3
15	64QAM	36	20	19.45	19.68	19.72		
15	64QAM	36	39	19.50	19.58	19.57		
15	64QAM	75	0	19.37	19.61	19.58		
15	256QAM	1	0	17.43	17.40	17.33	19	5
15	256QAM	1	37	17.42	17.43	17.37		
15	256QAM	1	74	17.29	17.27	17.29		
15	256QAM	36	0	17.30	17.39	17.23	19	5
15	256QAM	36	20	17.21	17.35	17.35		
15	256QAM	36	39	17.22	17.28	17.36		
15	256QAM	75	0	17.26	17.27	17.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.38	22.39	22.49	24	0
10	QPSK	1	25	22.49	22.66	22.70		
10	QPSK	1	49	22.31	22.41	22.39		
10	QPSK	25	0	21.54	21.62	21.67	23	1
10	QPSK	25	12	21.56	21.68	21.75		
10	QPSK	25	25	21.48	21.68	21.76		
10	QPSK	50	0	21.55	21.74	21.76		
10	16QAM	1	0	22.13	22.20	22.05	23	1
10	16QAM	1	25	22.15	21.67	22.12		
10	16QAM	1	49	21.75	21.92	22.10		
10	16QAM	25	0	20.65	20.46	20.91	22	2
10	16QAM	25	12	20.60	20.81	20.77		
10	16QAM	25	25	20.69	20.65	20.72		
10	16QAM	50	0	20.60	20.66	20.76		
10	64QAM	1	0	20.62	20.77	20.55	22	2
10	64QAM	1	25	20.76	20.96	20.64		
10	64QAM	1	49	20.56	20.83	20.80		
10	64QAM	25	0	19.66	19.68	19.79	21	3
10	64QAM	25	12	19.67	19.82	19.92		
10	64QAM	25	25	19.60	19.78	19.84		
10	64QAM	50	0	19.68	19.75	19.66		
10	256QAM	1	0	17.29	17.41	17.41	19	5
10	256QAM	1	25	17.22	17.34	17.44		
10	256QAM	1	49	17.29	17.36	17.31		
10	256QAM	25	0	17.34	17.34	17.36	19	5
10	256QAM	25	12	17.41	17.43	17.41		
10	256QAM	25	25	17.26	17.40	17.20		
10	256QAM	50	0	17.30	17.23	17.27		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.53	22.47	22.67	24	0
5	QPSK	1	12	22.32	22.68	22.51		
5	QPSK	1	24	22.50	22.55	22.66		
5	QPSK	12	0	21.60	21.60	21.71	23	1
5	QPSK	12	7	21.59	21.72	21.75		
5	QPSK	12	13	21.48	21.64	21.77		
5	QPSK	25	0	21.58	21.75	21.73		
5	16QAM	1	0	21.87	22.17	21.96	23	1
5	16QAM	1	12	22.12	22.47	21.83		
5	16QAM	1	24	21.51	22.09	21.86		
5	16QAM	12	0	20.53	20.61	20.79	22	2
5	16QAM	12	7	20.64	20.71	20.77		
5	16QAM	12	13	20.64	20.68	20.59		
5	16QAM	25	0	20.50	20.70	20.84		
5	64QAM	1	0	20.89	20.72	20.81	22	2
5	64QAM	1	12	20.62	20.49	20.90		
5	64QAM	1	24	20.82	21.05	21.06		
5	64QAM	12	0	19.66	19.64	19.82	21	3
5	64QAM	12	7	19.63	19.82	19.75		
5	64QAM	12	13	19.49	19.71	19.76		
5	64QAM	25	0	19.56	19.74	19.72		
5	256QAM	1	0	17.25	17.55	17.30	19	5
5	256QAM	1	12	17.29	17.37	17.48		
5	256QAM	1	24	17.22	17.42	17.23		
5	256QAM	12	0	17.22	17.23	17.26	19	5
5	256QAM	12	7	17.30	17.40	17.30		
5	256QAM	12	13	17.23	17.29	17.29		
5	256QAM	25	0	17.21	17.24	17.35		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.48	22.44	22.69	24	0
3	QPSK	1	8	22.38	22.50	22.57		
3	QPSK	1	14	22.44	22.57	22.34		
3	QPSK	8	0	21.55	21.65	21.68	23	1
3	QPSK	8	4	21.34	21.71	21.70		
3	QPSK	8	7	21.51	21.63	21.75		
3	QPSK	15	0	21.52	21.69	21.70		
3	16QAM	1	0	21.97	22.08	21.97	23	1
3	16QAM	1	8	21.81	22.07	21.75		
3	16QAM	1	14	21.96	21.65	21.93		
3	16QAM	8	0	20.53	20.71	20.62	22	2
3	16QAM	8	4	20.75	20.70	20.71		
3	16QAM	8	7	20.58	20.82	20.93		
3	16QAM	15	0	20.41	20.70	20.74		
3	64QAM	1	0	20.67	20.60	21.02	22	2
3	64QAM	1	8	20.97	20.73	20.85		
3	64QAM	1	14	20.70	20.97	20.63		
3	64QAM	8	0	19.36	19.66	19.61	21	3
3	64QAM	8	4	19.64	19.83	19.77		
3	64QAM	8	7	19.45	19.75	19.66		
3	64QAM	15	0	19.63	19.81	19.80		
3	256QAM	1	0	17.30	17.36	17.44	19	5
3	256QAM	1	8	17.38	17.28	17.54		
3	256QAM	1	14	17.37	17.37	17.35		
3	256QAM	8	0	17.21	17.29	17.29	19	5
3	256QAM	8	4	17.40	17.26	17.27		
3	256QAM	8	7	17.21	17.40	17.38		
3	256QAM	15	0	17.28	17.28	17.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.28	22.46	22.40	24	0
1.4	QPSK	1	3	22.44	22.64	22.56		
1.4	QPSK	1	5	22.28	22.30	22.35		
1.4	QPSK	3	0	22.36	22.44	22.49		
1.4	QPSK	3	1	22.31	22.60	22.40		
1.4	QPSK	3	3	22.37	22.53	22.45		
1.4	QPSK	6	0	21.40	21.59	21.56	23	1
1.4	16QAM	1	0	22.02	21.46	21.86	23	1
1.4	16QAM	1	3	21.87	21.76	21.87		
1.4	16QAM	1	5	21.46	21.84	21.87		
1.4	16QAM	3	0	21.33	21.65	21.95		
1.4	16QAM	3	1	21.59	21.50	21.58		
1.4	16QAM	3	3	21.45	21.67	21.77		
1.4	16QAM	6	0	20.37	20.57	20.50	22	2
1.4	64QAM	1	0	20.41	20.92	20.62	22	2
1.4	64QAM	1	3	20.90	20.75	20.88		
1.4	64QAM	1	5	20.63	20.92	20.90		
1.4	64QAM	3	0	20.53	20.45	20.59		
1.4	64QAM	3	1	20.58	20.79	20.62		
1.4	64QAM	3	3	20.49	20.60	20.34		
1.4	64QAM	6	0	19.42	19.55	19.64	21	3
1.4	256QAM	1	0	17.36	17.42	17.43	19	5
1.4	256QAM	1	3	17.40	17.46	17.56		
1.4	256QAM	1	5	17.32	17.32	17.37		
1.4	256QAM	3	0	17.38	17.35	17.22		
1.4	256QAM	3	1	17.34	17.24	17.42		
1.4	256QAM	3	3	17.24	17.37	17.32		
1.4	256QAM	6	0	17.34	17.23	17.31	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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.00	23.06	23.01		
20	QPSK	1	49	22.87	22.78	22.84	24	0
20	QPSK	1	99	22.87	22.84	22.77		
20	QPSK	50	0	22.01	22.05	21.93		
20	QPSK	50	24	22.02	22.02	22.04	23	1
20	QPSK	50	50	22.04	21.95	21.84		
20	QPSK	100	0	21.96	21.99	21.93		
20	16QAM	1	0	22.10	22.18	22.10		
20	16QAM	1	49	22.17	22.21	22.16	23	1
20	16QAM	1	99	22.37	22.15	22.18		
20	16QAM	50	0	21.06	20.93	20.93		
20	16QAM	50	24	21.17	21.02	21.04	22	2
20	16QAM	50	50	21.16	20.95	20.83		
20	16QAM	100	0	21.12	20.95	21.05		
20	64QAM	1	0	20.94	20.83	20.88		
20	64QAM	1	49	20.87	20.91	20.93	22	2
20	64QAM	1	99	21.08	20.94	20.82		
20	64QAM	50	0	19.96	19.96	20.07		
20	64QAM	50	24	20.17	20.01	19.97	21	3
20	64QAM	50	50	20.04	19.98	19.98		
20	64QAM	100	0	20.11	19.96	19.97		
20	256QAM	1	0	17.93	17.75	17.64		
20	256QAM	1	49	17.87	17.71	17.62	19	5
20	256QAM	1	99	17.73	17.64	17.42		
20	256QAM	50	0	18.06	18.04	17.85		
20	256QAM	50	24	18.07	17.91	17.89	19	5
20	256QAM	50	50	17.94	17.86	17.76		
20	256QAM	100	0	17.89	17.82	17.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.84	22.80	22.80		
15	QPSK	1	37	22.79	22.84	22.71	24	0
15	QPSK	1	74	22.99	22.87	22.78		
15	QPSK	36	0	22.00	21.99	22.00		
15	QPSK	36	20	22.04	22.12	21.97	23	1
15	QPSK	36	39	22.08	21.94	21.94		
15	QPSK	75	0	21.98	21.95	21.96		
15	16QAM	1	0	22.21	22.28	22.16		
15	16QAM	1	37	22.16	22.32	22.18	23	1
15	16QAM	1	74	22.36	22.31	22.15		
15	16QAM	36	0	21.03	20.93	20.84		
15	16QAM	36	20	21.07	20.93	20.99	22	2
15	16QAM	36	39	21.13	20.97	20.99		
15	16QAM	75	0	21.06	21.04	20.95		
15	64QAM	1	0	20.87	20.85	20.87		
15	64QAM	1	37	20.98	21.05	20.94	22	2
15	64QAM	1	74	21.05	20.91	20.78		
15	64QAM	36	0	20.11	19.94	19.95		
15	64QAM	36	20	20.19	19.97	19.99	21	3
15	64QAM	36	39	20.13	20.01	19.93		
15	64QAM	75	0	20.04	19.95	20.00		
15	256QAM	1	0	17.91	17.69	17.46		
15	256QAM	1	37	17.70	17.69	17.52	19	5
15	256QAM	1	74	17.67	17.62	17.41		
15	256QAM	36	0	17.95	17.86	17.77		
15	256QAM	36	20	18.03	17.77	17.83	19	5
15	256QAM	36	39	17.89	17.74	17.71		
15	256QAM	75	0	17.88	17.68	17.72		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.05	22.99	22.79		
10	QPSK	1	25	22.91	22.97	22.79	24	0
10	QPSK	1	49	22.97	22.91	22.83		
10	QPSK	25	0	22.17	22.16	22.08		
10	QPSK	25	12	22.25	22.21	22.01	23	1
10	QPSK	25	25	22.24	22.10	22.08		
10	QPSK	50	0	22.20	22.19	22.05		
10	16QAM	1	0	22.23	22.40	22.31		
10	16QAM	1	25	22.35	22.39	22.09	23	1
10	16QAM	1	49	22.29	22.35	22.13		
10	16QAM	25	0	21.27	21.27	21.19		
10	16QAM	25	12	21.14	21.34	21.03	22	2
10	16QAM	25	25	21.12	21.22	21.00		
10	16QAM	50	0	21.19	21.18	21.15		
10	64QAM	1	0	21.27	21.21	21.26		
10	64QAM	1	25	21.22	21.21	21.08	22	2
10	64QAM	1	49	21.24	21.30	21.07		
10	64QAM	25	0	20.22	20.41	20.19		
10	64QAM	25	12	20.36	20.25	20.24	21	3
10	64QAM	25	25	20.25	20.20	20.20		
10	64QAM	50	0	20.26	20.23	20.07		
10	256QAM	1	0	17.88	17.66	17.53		
10	256QAM	1	25	17.85	17.60	17.50	19	5
10	256QAM	1	49	17.70	17.60	17.40		
10	256QAM	25	0	17.91	17.92	17.76		
10	256QAM	25	12	17.98	17.75	17.85	19	5
10	256QAM	25	25	17.92	17.85	17.59		
10	256QAM	50	0	17.73	17.71	17.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.93	23.05	22.83		
5	QPSK	1	12	22.83	23.01	22.92	24	0
5	QPSK	1	24	23.00	22.91	22.86		
5	QPSK	12	0	22.19	22.13	22.03		
5	QPSK	12	7	22.12	22.29	22.04	23	1
5	QPSK	12	13	22.17	22.04	21.92		
5	QPSK	25	0	22.21	22.09	22.02		
5	16QAM	1	0	22.42	22.44	22.20		
5	16QAM	1	12	22.45	22.42	22.05	23	1
5	16QAM	1	24	22.36	22.64	21.96		
5	16QAM	12	0	21.13	21.13	20.94		
5	16QAM	12	7	21.55	21.28	20.83	22	2
5	16QAM	12	13	21.49	21.26	21.04		
5	16QAM	25	0	21.23	21.13	21.06		
5	64QAM	1	0	21.27	21.27	21.21		
5	64QAM	1	12	21.36	20.94	20.92	22	2
5	64QAM	1	24	21.25	21.28	21.15		
5	64QAM	12	0	20.11	20.24	20.03		
5	64QAM	12	7	20.31	20.21	20.12	21	3
5	64QAM	12	13	20.39	20.20	20.12		
5	64QAM	25	0	20.35	20.24	20.13		
5	256QAM	1	0	17.82	17.56	17.45		
5	256QAM	1	12	17.67	17.56	17.45	19	5
5	256QAM	1	24	17.72	17.63	17.32		
5	256QAM	12	0	17.91	18.03	17.65		
5	256QAM	12	7	18.01	17.89	17.76	19	5
5	256QAM	12	13	17.80	17.83	17.66		
5	256QAM	25	0	17.83	17.77	17.58		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.60	22.76	22.68		
20	QPSK	1	49	22.65	22.59	22.55	24	0
20	QPSK	1	99	22.48	22.46	22.50		
20	QPSK	50	0	21.67	21.71	21.66		
20	QPSK	50	24	21.66	21.68	21.68	23	1
20	QPSK	50	50	21.70	21.65	21.50		
20	QPSK	100	0	21.66	21.68	21.66		
20	16QAM	1	0	21.84	21.77	21.66		
20	16QAM	1	49	21.59	21.62	21.54	23	1
20	16QAM	1	99	21.49	21.45	21.46		
20	16QAM	50	0	20.74	20.69	20.80		
20	16QAM	50	24	20.83	20.79	20.72	22	2
20	16QAM	50	50	20.80	20.68	20.63		
20	16QAM	100	0	20.69	20.64	20.55		
20	64QAM	1	0	20.77	20.71	20.71		
20	64QAM	1	49	20.73	20.68	20.60	22	2
20	64QAM	1	99	20.51	20.45	20.53		
20	64QAM	50	0	19.77	19.74	19.63		
20	64QAM	50	24	19.79	19.71	19.63	21	3
20	64QAM	50	50	19.61	19.65	19.62		
20	64QAM	100	0	19.74	19.68	19.62		
20	256QAM	1	0	17.61	17.63	17.52		
20	256QAM	1	49	17.49	17.48	17.38	19	5
20	256QAM	1	99	17.47	17.44	17.43		
20	256QAM	50	0	17.87	17.79	17.65		
20	256QAM	50	24	17.73	17.74	17.71	19	5
20	256QAM	50	50	17.71	17.67	17.68		
20	256QAM	100	0	17.79	17.66	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.57	22.60	22.51		
15	QPSK	1	37	22.52	22.45	22.50	24	0
15	QPSK	1	74	22.48	22.50	22.55		
15	QPSK	36	0	21.70	21.65	21.55		
15	QPSK	36	20	21.76	21.71	21.64	23	1
15	QPSK	36	39	21.67	21.62	21.57		
15	QPSK	75	0	21.69	21.62	21.55		
15	16QAM	1	0	21.84	21.70	21.60		
15	16QAM	1	37	21.73	21.48	21.60	23	1
15	16QAM	1	74	21.51	21.56	21.45		
15	16QAM	36	0	20.67	20.64	20.61		
15	16QAM	36	20	20.73	20.70	20.49	22	2
15	16QAM	36	39	20.56	20.47	20.56		
15	16QAM	75	0	20.71	20.65	20.57		
15	64QAM	1	0	20.50	20.53	20.57		
15	64QAM	1	37	20.51	20.56	20.50	22	2
15	64QAM	1	74	20.47	20.50	20.51		
15	64QAM	36	0	19.77	19.70	19.70		
15	64QAM	36	20	19.72	19.65	19.58	21	3
15	64QAM	36	39	19.65	19.70	19.56		
15	64QAM	75	0	19.77	19.62	19.62		
15	256QAM	1	0	17.61	17.58	17.44		
15	256QAM	1	37	17.33	17.37	17.32	19	5
15	256QAM	1	74	17.32	17.37	17.40		
15	256QAM	36	0	17.78	17.74	17.54		
15	256QAM	36	20	17.61	17.68	17.55	19	5
15	256QAM	36	39	17.55	17.58	17.65		
15	256QAM	75	0	17.71	17.58	17.57		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.63	22.60	22.65		
10	QPSK	1	25	22.65	22.67	22.54	24	0
10	QPSK	1	49	22.69	22.50	22.55		
10	QPSK	25	0	21.81	21.75	21.62		
10	QPSK	25	12	21.90	21.83	21.74	23	1
10	QPSK	25	25	21.78	21.70	21.61		
10	QPSK	50	0	21.76	21.78	21.67		
10	16QAM	1	0	21.96	21.88	21.76		
10	16QAM	1	25	21.87	21.66	21.56	23	1
10	16QAM	1	49	21.87	21.79	21.60		
10	16QAM	25	0	20.75	20.79	20.65		
10	16QAM	25	12	20.94	20.86	20.77	22	2
10	16QAM	25	25	20.91	20.72	20.66		
10	16QAM	50	0	20.97	20.90	20.71		
10	64QAM	1	0	20.66	20.77	20.47		
10	64QAM	1	25	20.53	20.65	20.57	22	2
10	64QAM	1	49	20.48	20.51	20.60		
10	64QAM	25	0	19.94	19.77	19.74		
10	64QAM	25	12	19.92	19.75	19.76	21	3
10	64QAM	25	25	19.92	19.93	19.77		
10	64QAM	50	0	19.84	19.76	19.67		
10	256QAM	1	0	17.48	17.63	17.37		
10	256QAM	1	25	17.43	17.32	17.38	19	5
10	256QAM	1	49	17.32	17.28	17.24		
10	256QAM	25	0	17.86	17.68	17.55		
10	256QAM	25	12	17.70	17.74	17.68	19	5
10	256QAM	25	25	17.60	17.54	17.59		
10	256QAM	50	0	17.73	17.48	17.49		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.65	22.61	22.64		
5	QPSK	1	12	22.63	22.61	22.50	24	0
5	QPSK	1	24	22.50	22.53	22.55		
5	QPSK	12	0	21.77	21.57	21.58		
5	QPSK	12	7	21.71	21.60	21.67	23	1
5	QPSK	12	13	21.72	21.64	21.56		
5	QPSK	25	0	21.77	21.71	21.67		
5	16QAM	1	0	21.86	21.67	21.75		
5	16QAM	1	12	21.82	21.64	21.50	23	1
5	16QAM	1	24	21.69	21.65	21.61		
5	16QAM	12	0	20.78	20.70	20.64		
5	16QAM	12	7	20.74	20.64	20.69	22	2
5	16QAM	12	13	20.77	20.71	20.65		
5	16QAM	25	0	20.82	20.70	20.71		
5	64QAM	1	0	20.77	20.55	20.47		
5	64QAM	1	12	20.82	20.53	20.57	22	2
5	64QAM	1	24	20.63	20.61	20.60		
5	64QAM	12	0	19.96	19.84	19.78		
5	64QAM	12	7	19.95	19.95	19.83	21	3
5	64QAM	12	13	20.04	19.92	19.76		
5	64QAM	25	0	19.81	19.68	19.67		
5	256QAM	1	0	17.60	17.59	17.39		
5	256QAM	1	12	17.34	17.45	17.21	19	5
5	256QAM	1	24	17.47	17.35	17.32		
5	256QAM	12	0	17.85	17.68	17.64		
5	256QAM	12	7	17.54	17.54	17.59	19	5
5	256QAM	12	13	17.70	17.63	17.51		
5	256QAM	25	0	17.66	17.60	17.51		

Reduced Power Mode for Sensor on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.75	30.83	30.84	32.00	21.75	21.83	21.84	23.00
GPRS 1 Tx slot	30.70	30.81	30.82	32.00	21.70	21.81	21.82	23.00
GPRS 2 Tx slots	28.21	28.72	28.43	29.50	22.21	22.72	22.43	23.50
GPRS 3 Tx slots	26.56	26.30	25.93	27.00	22.30	22.04	21.67	22.74
GPRS 4 Tx slots	24.00	23.65	24.16	25.00	21.00	20.65	21.16	22.00
EDGE 1 Tx slot	24.46	24.12	24.13	25.00	15.46	15.12	15.13	16.00
EDGE 2 Tx slots	22.34	21.96	22.08	23.00	16.34	15.96	16.08	17.00
EDGE 3 Tx slots	19.97	19.77	19.76	21.00	15.71	15.51	15.50	16.74
EDGE 4 Tx slots	17.52	17.39	17.35	18.50	14.52	14.39	14.35	15.50

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.07	24.96	25.11	26.50	16.07	15.96	16.11	17.50
GPRS 1 Tx slot	25.06	24.93	25.09	26.50	16.06	15.93	16.09	17.50
GPRS 2 Tx slots	22.81	22.71	22.77	24.00	16.81	16.71	16.77	18.00
GPRS 3 Tx slots	20.31	20.47	20.72	21.50	16.05	16.21	16.46	17.24
GPRS 4 Tx slots	18.08	18.14	18.41	19.50	15.08	15.14	15.41	16.50
EDGE 1 Tx slot	20.68	20.81	20.84	22.00	11.68	11.81	11.84	13.00
EDGE 2 Tx slots	18.81	18.90	19.12	20.00	12.81	12.90	13.12	14.00
EDGE 3 Tx slots	16.73	16.81	17.03	18.00	12.47	12.55	12.77	13.74
EDGE 4 Tx slots	14.52	14.45	14.67	15.50	11.52	11.45	11.67	12.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	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	17.27	17.25	17.19	18.50	14.64	14.55	14.30	16.00	21.33	21.35	21.30	22.50
3GPP Rel 99	RMC 12.2Kbps	17.31	17.29	17.24	18.50	14.65	14.58	14.21	16.00	21.39	21.41	21.36	22.50
3GPP Rel 6	HSDPA Subtest-1	16.35	16.31	16.23	17.50	13.80	13.59	13.32	15.00	20.44	20.41	20.32	21.50
3GPP Rel 6	HSDPA Subtest-2	16.35	16.29	16.23	17.50	13.69	13.53	13.43	15.00	20.40	20.42	20.33	21.50
3GPP Rel 6	HSDPA Subtest-3	15.83	15.78	15.73	17.00	13.15	13.26	13.04	14.50	19.92	19.93	19.87	21.00
3GPP Rel 6	HSDPA Subtest-4	15.86	15.78	15.74	17.00	13.02	13.25	12.82	14.50	19.95	19.92	19.83	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.21	16.36	16.09	17.50	13.51	13.59	13.46	15.00	20.30	20.34	20.23	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.29	16.32	16.15	17.50	13.70	13.51	13.27	15.00	20.36	20.31	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.85	15.81	15.60	17.00	13.30	13.26	12.82	14.50	19.85	19.87	19.92	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.71	15.67	15.59	17.00	13.04	12.91	12.77	14.50	19.84	19.80	19.77	21.00
3GPP Rel 6	HSUPA Subtest-1	16.57	16.34	16.39	17.50	13.58	13.49	13.47	15.00	20.37	20.36	20.33	21.50
3GPP Rel 6	HSUPA Subtest-2	14.39	14.34	14.40	15.50	11.38	11.59	11.22	13.00	18.38	18.38	18.31	19.50
3GPP Rel 6	HSUPA Subtest-3	15.40	15.34	15.43	16.50	12.41	12.52	12.32	14.00	19.41	19.39	19.32	20.50
3GPP Rel 6	HSUPA Subtest-4	14.36	14.39	14.41	15.50	11.41	11.46	11.34	13.00	18.38	18.37	18.32	19.50
3GPP Rel 6	HSUPA Subtest-5	16.55	16.44	16.34	17.50	13.43	13.44	13.28	15.00	20.40	20.40	20.30	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.24	14.22	14.19	15.00	11.50	11.37	11.18	12.50	18.32	18.29	18.18	19.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.65	17.73	17.60	19	0
20	QPSK	1	49	17.62	17.65	17.58		
20	QPSK	1	99	17.63	17.66	17.60		
20	QPSK	50	0	17.68	17.70	17.59	19	0
20	QPSK	50	24	17.65	17.68	17.59		
20	QPSK	50	50	17.62	17.66	17.61		
20	QPSK	100	0	17.61	17.68	17.52		
20	16QAM	1	0	17.41	17.71	17.40	19	0
20	16QAM	1	49	17.45	17.67	17.56		
20	16QAM	1	99	17.46	17.48	17.31		
20	16QAM	50	0	17.51	17.62	17.43	19	0
20	16QAM	50	24	17.60	17.56	17.48		
20	16QAM	50	50	17.48	17.57	17.49		
20	16QAM	100	0	17.53	17.56	17.53		
20	64QAM	1	0	17.57	17.39	17.71	19	0
20	64QAM	1	49	17.41	17.72	17.42		
20	64QAM	1	99	17.57	17.61	17.46		
20	64QAM	50	0	17.54	17.65	17.55	19	0
20	64QAM	50	24	17.50	17.55	17.53		
20	64QAM	50	50	17.46	17.51	17.44		
20	64QAM	100	0	17.61	17.64	17.58		
20	256QAM	1	0	17.55	17.24	17.54	19	0
20	256QAM	1	49	17.33	17.61	17.41		
20	256QAM	1	99	17.49	17.55	17.42		
20	256QAM	50	0	17.40	17.57	17.42	19	0
20	256QAM	50	24	17.34	17.55	17.43		
20	256QAM	50	50	17.32	17.36	17.38		
20	256QAM	100	0	17.43	17.61	17.58		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.61	17.64	17.52	19	0
15	QPSK	1	37	17.46	17.65	17.52		
15	QPSK	1	74	17.53	17.60	17.43		
15	QPSK	36	0	17.62	17.67	17.56	19	0
15	QPSK	36	20	17.59	17.59	17.51		
15	QPSK	36	39	17.53	17.61	17.59		
15	QPSK	75	0	17.60	17.57	17.42		
15	16QAM	1	0	17.21	17.52	17.30	19	0
15	16QAM	1	37	17.26	17.63	17.37		
15	16QAM	1	74	17.33	17.30	17.25		
15	16QAM	36	0	17.44	17.44	17.24	19	0
15	16QAM	36	20	17.52	17.42	17.32		
15	16QAM	36	39	17.37	17.39	17.36		
15	16QAM	75	0	17.42	17.42	17.43		
15	64QAM	1	0	17.48	17.34	17.70	19	0
15	64QAM	1	37	17.21	17.53	17.41		
15	64QAM	1	74	17.43	17.43	17.31		
15	64QAM	36	0	17.53	17.63	17.47	19	0
15	64QAM	36	20	17.47	17.47	17.37		
15	64QAM	36	39	17.42	17.40	17.39		
15	64QAM	75	0	17.56	17.63	17.55		
15	256QAM	1	0	17.43	17.07	17.46	19	0
15	256QAM	1	37	17.20	17.52	17.40		
15	256QAM	1	74	17.43	17.44	17.35		
15	256QAM	36	0	17.39	17.50	17.27	19	0
15	256QAM	36	20	17.24	17.51	17.25		
15	256QAM	36	39	17.17	17.25	17.29		
15	256QAM	75	0	17.25	17.60	17.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.56	17.67	17.41	19	0
10	QPSK	1	25	17.49	17.63	17.52		
10	QPSK	1	49	17.58	17.57	17.42		
10	QPSK	25	0	17.54	17.69	17.48	19	0
10	QPSK	25	12	17.53	17.61	17.43		
10	QPSK	25	25	17.55	17.57	17.53		
10	QPSK	50	0	17.49	17.57	17.52		
10	16QAM	1	0	17.31	17.64	17.39	19	0
10	16QAM	1	25	17.31	17.50	17.50		
10	16QAM	1	49	17.35	17.33	17.28		
10	16QAM	25	0	17.46	17.42	17.36	19	0
10	16QAM	25	12	17.52	17.39	17.32		
10	16QAM	25	25	17.31	17.56	17.34		
10	16QAM	50	0	17.34	17.42	17.49		
10	64QAM	1	0	17.52	17.24	17.56	19	0
10	64QAM	1	25	17.24	17.64	17.40		
10	64QAM	1	49	17.42	17.61	17.38		
10	64QAM	25	0	17.37	17.55	17.44	19	0
10	64QAM	25	12	17.39	17.40	17.52		
10	64QAM	25	25	17.42	17.50	17.40		
10	64QAM	50	0	17.42	17.58	17.41		
10	256QAM	1	0	17.36	17.14	17.47	19	0
10	256QAM	1	25	17.30	17.42	17.26		
10	256QAM	1	49	17.42	17.43	17.38		
10	256QAM	25	0	17.39	17.48	17.22	19	0
10	256QAM	25	12	17.20	17.48	17.29		
10	256QAM	25	25	17.12	17.20	17.31		
10	256QAM	50	0	17.25	17.56	17.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.57	17.61	17.48	19	0
5	QPSK	1	12	17.59	17.52	17.57		
5	QPSK	1	24	17.45	17.56	17.49		
5	QPSK	12	0	17.58	17.59	17.42	19	0
5	QPSK	12	7	17.55	17.58	17.39		
5	QPSK	12	13	17.43	17.66	17.49		
5	QPSK	25	0	17.48	17.62	17.34		
5	16QAM	1	0	17.31	17.68	17.31	19	0
5	16QAM	1	12	17.34	17.49	17.46		
5	16QAM	1	24	17.35	17.37	17.22		
5	16QAM	12	0	17.43	17.52	17.38	19	0
5	16QAM	12	7	17.55	17.48	17.45		
5	16QAM	12	13	17.46	17.53	17.41		
5	16QAM	25	0	17.36	17.49	17.41		
5	64QAM	1	0	17.47	17.34	17.68	19	0
5	64QAM	1	12	17.30	17.55	17.39		
5	64QAM	1	24	17.55	17.49	17.35		
5	64QAM	12	0	17.50	17.61	17.44	19	0
5	64QAM	12	7	17.44	17.38	17.44		
5	64QAM	12	13	17.26	17.44	17.43		
5	64QAM	25	0	17.44	17.47	17.55		
5	256QAM	1	0	17.51	17.11	17.38	19	0
5	256QAM	1	12	17.20	17.47	17.34		
5	256QAM	1	24	17.45	17.55	17.27		
5	256QAM	12	0	17.27	17.48	17.42	19	0
5	256QAM	12	7	17.22	17.53	17.29		
5	256QAM	12	13	17.13	17.27	17.30		
5	256QAM	25	0	17.32	17.48	17.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.50	17.60	17.45	19	0
3	QPSK	1	8	17.44	17.55	17.44		
3	QPSK	1	14	17.61	17.51	17.59		
3	QPSK	8	0	17.67	17.70	17.50	19	0
3	QPSK	8	4	17.64	17.64	17.58		
3	QPSK	8	7	17.60	17.59	17.46		
3	QPSK	15	0	17.43	17.65	17.50		
3	16QAM	1	0	17.26	17.62	17.28	19	0
3	16QAM	1	8	17.28	17.48	17.48		
3	16QAM	1	14	17.29	17.34	17.23		
3	16QAM	8	0	17.35	17.48	17.34	19	0
3	16QAM	8	4	17.46	17.39	17.42		
3	16QAM	8	7	17.46	17.54	17.47		
3	16QAM	15	0	17.51	17.41	17.49		
3	64QAM	1	0	17.51	17.39	17.69	19	0
3	64QAM	1	8	17.21	17.70	17.27		
3	64QAM	1	14	17.53	17.54	17.42		
3	64QAM	8	0	17.41	17.62	17.47	19	0
3	64QAM	8	4	17.32	17.54	17.48		
3	64QAM	8	7	17.32	17.48	17.38		
3	64QAM	15	0	17.57	17.48	17.50		
3	256QAM	1	0	17.55	17.14	17.46	19	0
3	256QAM	1	8	17.17	17.55	17.28		
3	256QAM	1	14	17.43	17.53	17.37		
3	256QAM	8	0	17.20	17.47	17.38	19	0
3	256QAM	8	4	17.15	17.47	17.34		
3	256QAM	8	7	17.29	17.17	17.29		
3	256QAM	15	0	17.26	17.59	17.53		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.49	17.64	17.48	19	0
1.4	QPSK	1	3	17.54	17.55	17.44		
1.4	QPSK	1	5	17.63	17.54	17.43		
1.4	QPSK	3	0	17.56	17.61	17.48		
1.4	QPSK	3	1	17.60	17.53	17.49		
1.4	QPSK	3	3	17.43	17.46	17.53		
1.4	QPSK	6	0	17.59	17.48	17.36	19	0
1.4	16QAM	1	0	17.22	17.54	17.22	19	0
1.4	16QAM	1	3	17.38	17.66	17.54		
1.4	16QAM	1	5	17.35	17.31	17.18		
1.4	16QAM	3	0	17.32	17.50	17.27		
1.4	16QAM	3	1	17.52	17.37	17.38		
1.4	16QAM	3	3	17.33	17.42	17.38		
1.4	16QAM	6	0	17.39	17.52	17.33	19	0
1.4	64QAM	1	0	17.48	17.31	17.71	19	0
1.4	64QAM	1	3	17.24	17.57	17.28		
1.4	64QAM	1	5	17.44	17.49	17.31		
1.4	64QAM	3	0	17.36	17.50	17.46		
1.4	64QAM	3	1	17.34	17.48	17.34		
1.4	64QAM	3	3	17.29	17.32	17.24		
1.4	64QAM	6	0	17.45	17.61	17.49	19	0
1.4	256QAM	1	0	17.44	17.09	17.46	19	0
1.4	256QAM	1	3	17.20	17.50	17.40		
1.4	256QAM	1	5	17.43	17.41	17.29		
1.4	256QAM	3	0	17.25	17.42	17.36		
1.4	256QAM	3	1	17.32	17.39	17.26		
1.4	256QAM	3	3	17.21	17.23	17.25		
1.4	256QAM	6	0	17.42	17.53	17.45	19	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.16	15.03	15.07	16.5	0
20	QPSK	1	49	15.05	15.06	14.99		
20	QPSK	1	99	14.98	14.96	14.94		
20	QPSK	50	0	15.15	15.1	15.11	16.5	0
20	QPSK	50	24	15.11	15.14	15.07		
20	QPSK	50	50	15.04	15.14	15.05		
20	QPSK	100	0	15.08	14.98	14.96		
20	16QAM	1	0	15.15	15.11	15.12	16.5	0
20	16QAM	1	49	15.15	15.11	15.08		
20	16QAM	1	99	15.03	14.87	14.85		
20	16QAM	50	0	14.95	14.95	15.05	16.5	0
20	16QAM	50	24	14.9	14.97	14.98		
20	16QAM	50	50	14.93	14.86	14.94		
20	16QAM	100	0	14.86	15.03	15		
20	64QAM	1	0	15.12	15.15	15.1	16.5	0
20	64QAM	1	49	14.99	15.06	14.9		
20	64QAM	1	99	15.11	15.03	15.13		
20	64QAM	50	0	15.12	14.99	15.06	16.5	0
20	64QAM	50	24	15.14	15.07	15.12		
20	64QAM	50	50	15.08	15.1	15.05		
20	64QAM	100	0	15.04	15.04	15.07		
20	256QAM	1	0	14.97	15.05	15.00	16.5	0
20	256QAM	1	49	14.87	15.08	15.14		
20	256QAM	1	99	15.06	15.14	14.69		
20	256QAM	50	0	15.05	15.12	15.07	16.5	0
20	256QAM	50	24	15.00	15.02	15.11		
20	256QAM	50	50	14.90	14.97	15.13		
20	256QAM	100	0	15.02	15.02	15.07		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.15	14.91	14.96	16.5	0
15	QPSK	1	37	15.01	14.98	14.98		
15	QPSK	1	74	14.80	14.87	14.78		
15	QPSK	36	0	14.99	15.02	15.11	16.5	0
15	QPSK	36	20	15.09	15.09	15.01		
15	QPSK	36	39	14.99	15.06	14.88		
15	QPSK	75	0	15.08	14.90	14.77		
15	16QAM	1	0	15.01	14.99	14.99	16.5	0
15	16QAM	1	37	14.99	15.01	15.06		
15	16QAM	1	74	14.84	14.81	14.65		
15	16QAM	36	0	14.90	14.88	14.94	16.5	0
15	16QAM	36	20	14.83	14.84	14.97		
15	16QAM	36	39	14.74	14.76	14.89		
15	16QAM	75	0	14.70	14.90	14.97		
15	64QAM	1	0	15.01	15.03	14.90	16.5	0
15	64QAM	1	37	14.90	14.88	14.71		
15	64QAM	1	74	15.05	14.95	15.09		
15	64QAM	36	0	14.95	14.86	14.91	16.5	0
15	64QAM	36	20	14.97	15.05	15.05		
15	64QAM	36	39	14.91	15.01	14.85		
15	64QAM	75	0	14.94	15.02	14.90		
15	256QAM	1	0	14.77	15.03	14.87	16.5	0
15	256QAM	1	37	14.74	14.96	15.07		
15	256QAM	1	74	14.94	15.08	14.61		
15	256QAM	36	0	14.92	14.99	14.92	16.5	0
15	256QAM	36	20	14.83	14.84	15.00		
15	256QAM	36	39	14.83	14.92	14.94		
15	256QAM	75	0	15.02	15.00	14.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.13	14.96	14.91	16.5	0
10	QPSK	1	25	14.88	14.97	14.88		
10	QPSK	1	49	14.97	14.95	14.94		
10	QPSK	25	0	15.08	15.01	15.07	16.5	0
10	QPSK	25	12	14.94	14.97	15.07		
10	QPSK	25	25	14.97	15.06	14.95		
10	QPSK	50	0	14.93	14.95	14.81		
10	16QAM	1	0	15.03	14.97	15.10	16.5	0
10	16QAM	1	25	14.97	15.04	15.05		
10	16QAM	1	49	14.99	14.76	14.73		
10	16QAM	25	0	14.84	14.75	14.88	16.5	0
10	16QAM	25	12	14.82	14.91	14.90		
10	16QAM	25	25	14.74	14.75	14.84		
10	16QAM	50	0	14.77	14.95	14.87		
10	64QAM	1	0	14.97	15.09	15.01	16.5	0
10	64QAM	1	25	14.95	15.02	14.82		
10	64QAM	1	49	15.04	14.88	15.10		
10	64QAM	25	0	14.99	14.86	14.97	16.5	0
10	64QAM	25	12	14.99	14.88	15.11		
10	64QAM	25	25	14.88	15.09	15.03		
10	64QAM	50	0	14.99	15.00	14.88		
10	256QAM	1	0	14.79	14.92	14.96	16.5	0
10	256QAM	1	25	14.76	14.92	15.09		
10	256QAM	1	49	14.99	15.03	14.59		
10	256QAM	25	0	14.88	14.99	15.01	16.5	0
10	256QAM	25	12	14.93	14.91	14.92		
10	256QAM	25	25	14.73	14.82	15.12		
10	256QAM	50	0	14.93	14.93	15.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.02	14.93	15.04	16.5	0
5	QPSK	1	12	14.86	15.04	14.84		
5	QPSK	1	24	14.81	14.92	14.77		
5	QPSK	12	0	14.97	14.96	14.97	16.5	0
5	QPSK	12	7	15.04	15.04	14.87		
5	QPSK	12	13	15.01	14.95	15.02		
5	QPSK	25	0	14.92	14.96	14.90		
5	16QAM	1	0	14.97	15.06	15.10	16.5	0
5	16QAM	1	12	15.01	14.91	15.04		
5	16QAM	1	24	14.93	14.69	14.81		
5	16QAM	12	0	14.80	14.76	14.93	16.5	0
5	16QAM	12	7	14.81	14.89	14.97		
5	16QAM	12	13	14.77	14.79	14.89		
5	16QAM	25	0	14.69	14.84	14.87		
5	64QAM	1	0	14.92	15.07	14.97	16.5	0
5	64QAM	1	12	14.96	14.88	14.79		
5	64QAM	1	24	15.00	15.01	15.07		
5	64QAM	12	0	15.12	14.79	15.03	16.5	0
5	64QAM	12	7	15.04	15.02	15.01		
5	64QAM	12	13	14.88	15.07	14.87		
5	64QAM	25	0	15.04	14.88	15.01		
5	256QAM	1	0	14.83	14.95	14.84	16.5	0
5	256QAM	1	12	14.81	14.91	15.14		
5	256QAM	1	24	14.98	14.94	14.55		
5	256QAM	12	0	15.01	14.99	15.07	16.5	0
5	256QAM	12	7	14.91	14.96	15.04		
5	256QAM	12	13	14.71	14.94	14.95		
5	256QAM	25	0	14.91	14.98	15.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.96	14.84	15.02	16.5	0
3	QPSK	1	8	14.85	15.00	14.90		
3	QPSK	1	14	14.82	14.89	14.84		
3	QPSK	8	0	14.97	15.01	14.99	16.5	0
3	QPSK	8	4	14.93	15.05	15.04		
3	QPSK	8	7	14.89	14.98	14.88		
3	QPSK	15	0	15.04	14.79	14.94		
3	16QAM	1	0	14.96	15.00	15.01	16.5	0
3	16QAM	1	8	15.10	15.07	15.02		
3	16QAM	1	14	14.83	14.74	14.85		
3	16QAM	8	0	14.88	14.82	14.93	16.5	0
3	16QAM	8	4	14.89	14.92	14.80		
3	16QAM	8	7	14.76	14.77	14.84		
3	16QAM	15	0	14.80	14.89	14.95		
3	64QAM	1	0	15.05	15.03	14.95	16.5	0
3	64QAM	1	8	14.81	14.87	14.73		
3	64QAM	1	14	15.01	14.86	15.09		
3	64QAM	8	0	15.05	14.94	15.06	16.5	0
3	64QAM	8	4	15.10	14.98	14.98		
3	64QAM	8	7	15.05	15.06	15.01		
3	64QAM	15	0	14.99	14.84	15.01		
3	256QAM	1	0	14.93	14.92	14.80	16.5	0
3	256QAM	1	8	14.78	14.92	15.04		
3	256QAM	1	14	14.86	14.96	14.55		
3	256QAM	8	0	14.97	14.97	14.88	16.5	0
3	256QAM	8	4	14.98	14.97	14.99		
3	256QAM	8	7	14.84	14.78	14.96		
3	256QAM	15	0	14.90	14.86	14.87		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.15	14.97	14.97	16.5	0
1.4	QPSK	1	3	15.05	14.97	14.97		
1.4	QPSK	1	5	14.85	14.85	14.92		
1.4	QPSK	3	0	15.05	14.90	15.11		
1.4	QPSK	3	1	15.01	14.97	15.01		
1.4	QPSK	3	3	14.94	15.06	14.93		
1.4	QPSK	6	0	14.91	14.89	14.82	16.5	0
1.4	16QAM	1	0	15.10	15.03	14.97	16.5	0
1.4	16QAM	1	3	15.01	15.02	14.94		
1.4	16QAM	1	5	14.97	14.83	14.76		
1.4	16QAM	3	0	14.81	14.87	14.90		
1.4	16QAM	3	1	14.90	14.79	14.79		
1.4	16QAM	3	3	14.77	14.69	14.78		
1.4	16QAM	6	0	14.81	14.87	14.85	16.5	0
1.4	64QAM	1	0	15.07	15.06	15.02	16.5	0
1.4	64QAM	1	3	14.80	14.93	14.71		
1.4	64QAM	1	5	14.99	15.02	14.96		
1.4	64QAM	3	0	15.01	14.86	14.98		
1.4	64QAM	3	1	15.13	15.06	15.01		
1.4	64QAM	3	3	14.98	14.92	15.01		
1.4	64QAM	6	0	14.86	14.86	14.96	16.5	0
1.4	256QAM	1	0	14.92	15.02	14.81	16.5	0
1.4	256QAM	1	3	14.67	14.90	15.00		
1.4	256QAM	1	5	14.88	15.14	14.55		
1.4	256QAM	3	0	14.97	15.11	14.94		
1.4	256QAM	3	1	14.99	14.90	15.04		
1.4	256QAM	3	3	14.89	14.95	15.04		
1.4	256QAM	6	0	14.96	14.96	15.05	16.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.32	21.24	21.21	22.5	0
10	QPSK	1	25	21.25	21.31	21.24		
10	QPSK	1	49	21.19	21.25	21.23		
10	QPSK	25	0	21.31	21.28	21.29	22.5	0
10	QPSK	25	12	21.28	21.23	21.23		
10	QPSK	25	25	21.23	21.23	21.25		
10	QPSK	50	0	21.27	21.24	21.25		
10	16QAM	1	0	21.26	21.23	21.14	22.5	0
10	16QAM	1	25	21.1	21.14	21.22		
10	16QAM	1	49	21.24	21.25	21.18		
10	16QAM	25	0	20.79	20.9	20.87	22	0.5
10	16QAM	25	12	20.92	20.94	20.88		
10	16QAM	25	25	20.88	20.95	20.89		
10	16QAM	50	0	20.98	20.86	20.92		
10	64QAM	1	0	20.86	21.12	21.08	22	0.5
10	64QAM	1	25	21.02	20.93	21.14		
10	64QAM	1	49	21.26	21.03	21.21		
10	64QAM	25	0	19.88	19.94	19.98	21	1.5
10	64QAM	25	12	19.94	19.93	20.05		
10	64QAM	25	25	19.99	19.96	19.95		
10	64QAM	50	0	19.94	19.88	19.92		
10	256QAM	1	0	17.83	17.59	17.68	18.5	4
10	256QAM	1	25	17.63	17.44	17.51		
10	256QAM	1	49	17.56	17.74	17.45		
10	256QAM	25	0	17.39	17.54	17.37	18.5	4
10	256QAM	25	12	17.54	17.49	17.33		
10	256QAM	25	25	17.62	17.61	17.58		
10	256QAM	50	0	17.54	17.58	17.54		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.18	21.15	21.02	22.5	0
5	QPSK	1	12	21.19	21.31	21.13		
5	QPSK	1	24	21.07	21.07	21.08		
5	QPSK	12	0	21.17	21.12	21.10	22.5	0
5	QPSK	12	7	21.25	21.19	21.06		
5	QPSK	12	13	21.20	21.07	21.05		
5	QPSK	25	0	21.25	21.04	21.19		
5	16QAM	1	0	21.24	21.06	21.14	22.5	0
5	16QAM	1	12	20.93	21.05	21.04		
5	16QAM	1	24	21.19	21.21	21.02		
5	16QAM	12	0	20.64	20.89	20.87	22	0.5
5	16QAM	12	7	20.82	20.86	20.84		
5	16QAM	12	13	20.86	20.95	20.87		
5	16QAM	25	0	20.84	20.68	20.86		
5	64QAM	1	0	20.70	21.02	20.90	22	0.5
5	64QAM	1	12	20.91	20.79	21.10		
5	64QAM	1	24	21.06	20.91	21.07		
5	64QAM	12	0	19.73	19.81	19.79	21	1.5
5	64QAM	12	7	19.94	19.82	19.96		
5	64QAM	12	13	19.96	19.85	19.82		
5	64QAM	25	0	19.84	19.72	19.88		
5	256QAM	1	0	17.80	17.39	17.51	18.5	4
5	256QAM	1	12	17.49	17.43	17.35		
5	256QAM	1	24	17.56	17.66	17.40		
5	256QAM	12	0	17.37	17.46	17.33	18.5	4
5	256QAM	12	7	17.35	17.30	17.15		
5	256QAM	12	13	17.48	17.60	17.54		
5	256QAM	25	0	17.34	17.56	17.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.13	21.18	21.02	22.5	0
3	QPSK	1	8	21.13	21.19	21.12		
3	QPSK	1	14	21.10	21.05	21.11		
3	QPSK	8	0	21.24	21.20	21.26	22.5	0
3	QPSK	8	4	21.26	21.22	21.04		
3	QPSK	8	7	21.21	21.21	21.12		
3	QPSK	15	0	21.27	21.24	21.06		
3	16QAM	1	0	21.17	21.07	20.99	22.5	0
3	16QAM	1	8	20.97	20.94	21.21		
3	16QAM	1	14	21.04	21.06	21.00		
3	16QAM	8	0	20.75	20.83	20.72	22	0.5
3	16QAM	8	4	20.89	20.88	20.68		
3	16QAM	8	7	20.77	20.94	20.79		
3	16QAM	15	0	20.91	20.67	20.85		
3	64QAM	1	0	20.73	21.12	20.90	22	0.5
3	64QAM	1	8	21.00	20.73	20.97		
3	64QAM	1	14	21.07	20.91	21.18		
3	64QAM	8	0	19.87	19.79	19.97	21	1.5
3	64QAM	8	4	19.74	19.80	19.91		
3	64QAM	8	7	19.83	19.78	19.87		
3	64QAM	15	0	19.75	19.81	19.80		
3	256QAM	1	0	17.66	17.57	17.56	18.5	4
3	256QAM	1	8	17.45	17.41	17.50		
3	256QAM	1	14	17.43	17.65	17.25		
3	256QAM	8	0	17.29	17.44	17.33	18.5	4
3	256QAM	8	4	17.46	17.44	17.21		
3	256QAM	8	7	17.42	17.51	17.44		
3	256QAM	15	0	17.49	17.57	17.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.16	21.10	21.21	22.5	0
1.4	QPSK	1	3	21.18	21.12	21.06		
1.4	QPSK	1	5	21.12	21.10	21.12		
1.4	QPSK	3	0	21.12	21.10	21.19		
1.4	QPSK	3	1	21.13	21.13	21.19		
1.4	QPSK	3	3	21.13	21.16	21.08		
1.4	QPSK	6	0	21.07	21.07	21.06	22.5	0
1.4	16QAM	1	0	21.25	21.20	21.13	22.5	0
1.4	16QAM	1	3	20.99	21.04	21.12		
1.4	16QAM	1	5	21.16	21.10	21.18		
1.4	16QAM	3	0	20.74	20.77	20.86		
1.4	16QAM	3	1	20.77	20.85	20.77		
1.4	16QAM	3	3	20.69	20.80	20.75		
1.4	16QAM	6	0	20.33	20.18	20.39	22	0.5
1.4	64QAM	1	0	20.33	20.55	20.55	22	0.5
1.4	64QAM	1	3	20.33	20.23	20.44		
1.4	64QAM	1	5	20.75	20.48	20.69		
1.4	64QAM	3	0	20.30	20.42	20.42		
1.4	64QAM	3	1	20.34	20.24	20.54		
1.4	64QAM	3	3	20.46	20.38	20.43		
1.4	64QAM	6	0	19.84	19.81	19.77	21	1.5
1.4	256QAM	1	0	17.65	17.50	17.68	18.5	4
1.4	256QAM	1	3	17.53	17.34	17.36		
1.4	256QAM	1	5	17.41	17.70	17.38		
1.4	256QAM	3	0	17.34	17.51	17.27		
1.4	256QAM	3	1	17.42	17.31	17.17		
1.4	256QAM	3	3	17.55	17.43	17.44		
1.4	256QAM	6	0	17.36	17.48	17.38	18.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.28	17.35	17.32	18.5	0
20	QPSK	1	49	17.25	17.27	17.26		
20	QPSK	1	99	17.3	17.26	17.2		
20	QPSK	50	0	17.21	17.31	17.25	18.5	0
20	QPSK	50	24	17.21	17.27	17.15		
20	QPSK	50	50	17.21	17.11	17.26		
20	QPSK	100	0	17.18	17.24	17.22		
20	16QAM	1	0	17.13	17.23	17.17	18.5	0
20	16QAM	1	49	17.18	17.22	17.26		
20	16QAM	1	99	17.04	17.17	17.06		
20	16QAM	50	0	17.09	17.33	17.11	18.5	0
20	16QAM	50	24	17.05	17.2	17.16		
20	16QAM	50	50	17.04	17.19	17.14		
20	16QAM	100	0	17.23	17.25	17.05		
20	64QAM	1	0	17.19	17.15	17.22	18.5	0
20	64QAM	1	49	17.05	16.85	16.79		
20	64QAM	1	99	17.03	17.32	17.13		
20	64QAM	50	0	17.04	17.07	17.17	18.5	0
20	64QAM	50	24	17.04	17.28	17.2		
20	64QAM	50	50	17.25	17.29	17.23		
20	64QAM	100	0	17.14	17.1	17.2		
20	256QAM	1	0	17.26	17.25	17.22	18.5	0
20	256QAM	1	49	17.21	16.97	16.76		
20	256QAM	1	99	17.12	17.23	17.26		
20	256QAM	50	0	17.03	17.08	17.25	18.5	0
20	256QAM	50	24	17.01	17.21	17.28		
20	256QAM	50	50	17.26	17.24	17.16		
20	256QAM	100	0	17.30	17.18	17.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.26	17.16	17.21	18.5	0
15	QPSK	1	37	17.22	17.07	17.15		
15	QPSK	1	74	17.21	17.04	17.17		
15	QPSK	36	0	17.08	17.19	17.12	18.5	0
15	QPSK	36	20	17.09	17.15	17.01		
15	QPSK	36	39	17.13	16.93	17.05		
15	QPSK	75	0	17.10	17.19	17.02		
15	16QAM	1	0	17.03	17.20	17.12	18.5	0
15	16QAM	1	37	17.05	17.19	17.21		
15	16QAM	1	74	16.87	17.02	16.86		
15	16QAM	36	0	17.00	17.22	16.95	18.5	0
15	16QAM	36	20	16.84	17.14	17.09		
15	16QAM	36	39	16.99	17.17	17.04		
15	16QAM	75	0	17.21	17.06	16.97		
15	64QAM	1	0	16.99	17.10	17.11	18.5	0
15	64QAM	1	37	17.03	16.63	16.61		
15	64QAM	1	74	16.81	17.16	17.01		
15	64QAM	36	0	16.90	16.92	17.05	18.5	0
15	64QAM	36	20	16.83	17.24	17.16		
15	64QAM	36	39	17.17	17.08	17.21		
15	64QAM	75	0	16.96	17.03	16.99		
15	256QAM	1	0	17.15	17.04	17.12	18.5	0
15	256QAM	1	37	17.04	16.93	16.57		
15	256QAM	1	74	16.95	17.18	17.16		
15	256QAM	36	0	16.86	16.89	17.05	18.5	0
15	256QAM	36	20	16.91	17.00	17.19		
15	256QAM	36	39	17.18	17.15	17.12		
15	256QAM	75	0	17.12	17.09	16.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.13	17.17	17.10	18.5	0
10	QPSK	1	25	17.23	17.22	17.05		
10	QPSK	1	49	17.10	17.09	17.12		
10	QPSK	25	0	17.08	17.23	17.08	18.5	0
10	QPSK	25	12	17.09	17.16	16.95		
10	QPSK	25	25	17.04	17.01	17.14		
10	QPSK	50	0	17.15	17.20	17.18		
10	16QAM	1	0	17.10	17.07	17.03	18.5	0
10	16QAM	1	25	17.01	17.02	17.21		
10	16QAM	1	49	16.88	16.95	16.99		
10	16QAM	25	0	17.07	17.29	17.00	18.5	0
10	16QAM	25	12	16.98	17.08	17.11		
10	16QAM	25	25	16.97	17.10	17.00		
10	16QAM	50	0	17.15	17.05	16.84		
10	64QAM	1	0	17.12	16.99	17.08	18.5	0
10	64QAM	1	25	17.00	16.67	16.71		
10	64QAM	1	49	16.96	17.11	16.93		
10	64QAM	25	0	16.94	17.05	17.13	18.5	0
10	64QAM	25	12	16.83	17.15	17.16		
10	64QAM	25	25	17.11	17.12	17.10		
10	64QAM	50	0	16.97	16.90	17.01		
10	256QAM	1	0	17.14	17.19	17.12	18.5	0
10	256QAM	1	25	17.13	16.95	16.74		
10	256QAM	1	49	16.90	17.11	17.11		
10	256QAM	25	0	16.87	17.01	17.16	18.5	0
10	256QAM	25	12	16.91	17.13	17.07		
10	256QAM	25	25	17.13	17.07	17.05		
10	256QAM	50	0	17.28	17.14	17.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.11	17.33	17.10	18.5	0
5	QPSK	1	12	17.23	17.13	17.12		
5	QPSK	1	24	17.20	17.12	17.18		
5	QPSK	12	0	17.06	17.10	17.18	18.5	0
5	QPSK	12	7	17.18	17.23	17.02		
5	QPSK	12	13	17.18	17.01	17.06		
5	QPSK	25	0	17.01	17.10	17.09		
5	16QAM	1	0	17.04	17.20	17.00	18.5	0
5	16QAM	1	12	17.06	17.17	17.14		
5	16QAM	1	24	16.83	17.02	16.94		
5	16QAM	12	0	16.92	17.25	16.98	18.5	0
5	16QAM	12	7	16.95	17.13	17.13		
5	16QAM	12	13	17.02	17.09	17.02		
5	16QAM	25	0	17.20	17.10	16.99		
5	64QAM	1	0	17.10	17.00	17.19	18.5	0
5	64QAM	1	12	16.83	16.77	16.66		
5	64QAM	1	24	16.83	17.20	17.09		
5	64QAM	12	0	16.86	16.96	16.97	18.5	0
5	64QAM	12	7	17.01	17.21	17.15		
5	64QAM	12	13	17.19	17.26	17.19		
5	64QAM	25	0	16.97	16.91	17.14		
5	256QAM	1	0	17.09	17.08	17.20	18.5	0
5	256QAM	1	12	17.14	16.87	16.64		
5	256QAM	1	24	16.96	17.21	17.18		
5	256QAM	12	0	16.96	17.05	17.05	18.5	0
5	256QAM	12	7	16.86	17.17	17.15		
5	256QAM	12	13	17.10	17.06	17.05		
5	256QAM	25	0	17.27	17.16	16.98		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.24	21.35	21.22	22.5	0
15	QPSK	1	37	21.17	21.23	21.19		
15	QPSK	1	74	21.20	21.28	21.17		
15	QPSK	36	0	21.24	21.34	21.21	22.5	0
15	QPSK	36	20	21.23	21.31	21.21		
15	QPSK	36	39	21.25	21.31	21.29		
15	QPSK	75	0	21.23	21.28	21.22		
15	16QAM	1	0	21.25	21.29	21.32	22.5	0
15	16QAM	1	37	21.35	21.15	21.11		
15	16QAM	1	74	21.33	21.35	21.22		
15	16QAM	36	0	20.75	20.79	20.76	22	0.5
15	16QAM	36	20	20.78	20.74	20.80		
15	16QAM	36	39	20.79	20.79	20.85		
15	16QAM	75	0	20.89	20.84	20.90		
15	64QAM	1	0	21.11	21.18	21.09	22	0.5
15	64QAM	1	37	20.74	21.19	20.79		
15	64QAM	1	74	21.05	20.69	21.19		
15	64QAM	36	0	19.72	19.78	19.92	21	1.5
15	64QAM	36	20	19.83	19.85	19.87		
15	64QAM	36	39	19.91	19.90	19.88		
15	64QAM	75	0	19.79	19.77	19.89		
15	256QAM	1	0	17.82	17.64	17.70	18.5	4
15	256QAM	1	37	17.56	17.56	17.47		
15	256QAM	1	74	17.54	17.73	17.48		
15	256QAM	36	0	17.48	17.55	17.43	18.5	4
15	256QAM	36	20	17.53	17.56	17.35		
15	256QAM	36	39	17.62	17.58	17.47		
15	256QAM	75	0	17.54	17.48	17.68		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.22	21.21	22.5	0
10	QPSK	1	25	20.97	21.22	21.19		
10	QPSK	1	49	21.03	21.21	21.11		
10	QPSK	25	0	21.16	21.27	21.11	22.5	0
10	QPSK	25	12	21.10	21.21	21.14		
10	QPSK	25	25	21.24	21.19	21.18		
10	QPSK	50	0	21.08	21.11	21.16		
10	16QAM	1	0	21.12	21.29	21.21	22.5	0
10	16QAM	1	25	21.35	21.01	21.07		
10	16QAM	1	49	21.31	21.19	21.10		
10	16QAM	25	0	20.62	20.65	20.62	22	0.5
10	16QAM	25	12	20.71	20.65	20.72		
10	16QAM	25	25	20.61	20.66	20.70		
10	16QAM	50	0	20.73	20.82	20.81		
10	64QAM	1	0	21.06	21.04	21.04	22	0.5
10	64QAM	1	25	20.67	21.19	20.76		
10	64QAM	1	49	20.91	20.67	21.07		
10	64QAM	25	0	19.59	19.59	19.88	21	1.5
10	64QAM	25	12	19.73	19.82	19.73		
10	64QAM	25	25	19.83	19.75	19.86		
10	64QAM	50	0	19.72	19.70	19.80		
10	256QAM	1	0	17.78	17.56	17.61	18.5	4
10	256QAM	1	25	17.52	17.43	17.35		
10	256QAM	1	49	17.42	17.61	17.30		
10	256QAM	25	0	17.41	17.52	17.37	18.5	4
10	256QAM	25	12	17.35	17.42	17.20		
10	256QAM	25	25	17.47	17.51	17.35		
10	256QAM	50	0	17.50	17.39	17.67		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.22	21.31	21.15	22.5	0
5	QPSK	1	12	21.15	21.06	21.10		
5	QPSK	1	24	21.17	21.09	21.01		
5	QPSK	12	0	21.04	21.30	21.07	22.5	0
5	QPSK	12	7	21.14	21.14	21.04		
5	QPSK	12	13	21.21	21.11	21.10		
5	QPSK	25	0	21.13	21.14	21.04		
5	16QAM	1	0	21.05	21.29	21.21	22.5	0
5	16QAM	1	12	21.27	21.04	21.09		
5	16QAM	1	24	21.20	21.32	21.10		
5	16QAM	12	0	20.63	20.68	20.68	22	0.5
5	16QAM	12	7	20.68	20.71	20.77		
5	16QAM	12	13	20.76	20.72	20.77		
5	16QAM	25	0	20.75	20.64	20.80		
5	64QAM	1	0	21.02	21.16	21.08	22	0.5
5	64QAM	1	12	20.56	21.13	20.62		
5	64QAM	1	24	20.88	20.62	21.00		
5	64QAM	12	0	19.64	19.64	19.87	21	1.5
5	64QAM	12	7	19.72	19.77	19.71		
5	64QAM	12	13	19.90	19.72	19.77		
5	64QAM	25	0	19.70	19.77	19.72		
5	256QAM	1	0	17.80	17.64	17.53	18.5	4
5	256QAM	1	12	17.39	17.42	17.44		
5	256QAM	1	24	17.36	17.64	17.42		
5	256QAM	12	0	17.29	17.46	17.24	18.5	4
5	256QAM	12	7	17.42	17.46	17.24		
5	256QAM	12	13	17.46	17.49	17.39		
5	256QAM	25	0	17.41	17.41	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.34	21.17	22.5	0
3	QPSK	1	8	21.15	21.12	21.12		
3	QPSK	1	14	21.20	21.19	20.98		
3	QPSK	8	0	21.07	21.23	21.02	22.5	0
3	QPSK	8	4	21.18	21.23	21.17		
3	QPSK	8	7	21.21	21.11	21.29		
3	QPSK	15	0	21.14	21.25	21.08		
3	16QAM	1	0	21.24	21.17	21.20	22.5	0
3	16QAM	1	8	21.35	21.03	21.06		
3	16QAM	1	14	21.14	21.33	21.18		
3	16QAM	8	0	20.69	20.77	20.56	22	0.5
3	16QAM	8	4	20.65	20.69	20.75		
3	16QAM	8	7	20.69	20.66	20.72		
3	16QAM	15	0	20.69	20.82	20.82		
3	64QAM	1	0	21.04	20.99	21.02	22	0.5
3	64QAM	1	8	20.73	21.13	20.73		
3	64QAM	1	14	21.05	20.66	21.09		
3	64QAM	8	0	19.72	19.65	19.72	21	1.5
3	64QAM	8	4	19.78	19.76	19.87		
3	64QAM	8	7	19.90	19.88	19.84		
3	64QAM	15	0	19.63	19.68	19.75		
3	256QAM	1	0	17.69	17.51	17.53	18.5	4
3	256QAM	1	8	17.44	17.38	17.44		
3	256QAM	1	14	17.43	17.60	17.37		
3	256QAM	8	0	17.33	17.41	17.39	18.5	4
3	256QAM	8	4	17.45	17.56	17.21		
3	256QAM	8	7	17.61	17.45	17.30		
3	256QAM	15	0	17.46	17.38	17.63		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.08	21.31	21.05	22.5	0
1.4	QPSK	1	3	21.05	21.08	21.10		
1.4	QPSK	1	5	21.19	21.10	21.13		
1.4	QPSK	3	0	21.17	21.14	21.05		
1.4	QPSK	3	1	21.19	21.17	21.12		
1.4	QPSK	3	3	21.21	21.18	21.22		
1.4	QPSK	6	0	21.20	21.17	21.15	22.5	0
1.4	16QAM	1	0	21.06	21.29	21.28	22.5	0
1.4	16QAM	1	3	21.33	21.06	21.01		
1.4	16QAM	1	5	21.30	21.34	21.12		
1.4	16QAM	3	0	20.64	20.73	20.73		
1.4	16QAM	3	1	20.63	20.72	20.75		
1.4	16QAM	3	3	20.59	20.75	20.70		
1.4	16QAM	6	0	20.66	20.64	20.55	22	0.5
1.4	64QAM	1	0	21.01	21.10	21.08	22	0.5
1.4	64QAM	1	3	20.64	21.00	20.61		
1.4	64QAM	1	5	21.00	20.63	21.16		
1.4	64QAM	3	0	20.51	20.49	20.53		
1.4	64QAM	3	1	20.59	20.65	20.48		
1.4	64QAM	3	3	20.63	20.60	20.50		
1.4	64QAM	6	0	19.59	19.57	19.73	21	1.5
1.4	256QAM	1	0	17.77	17.47	17.61	18.5	4
1.4	256QAM	1	3	17.40	17.41	17.37		
1.4	256QAM	1	5	17.41	17.55	17.30		
1.4	256QAM	3	0	17.41	17.50	17.26		
1.4	256QAM	3	1	17.47	17.47	17.22		
1.4	256QAM	3	3	17.56	17.42	17.46		
1.4	256QAM	6	0	17.47	17.47	17.65	18.5	4

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.21	15.27	15.24	16.5	0
20	QPSK	1	49	15.08	15.17	15.10		
20	QPSK	1	99	14.88	15.01	14.96		
20	QPSK	50	0	15.13	15.25	15.22	16.5	0
20	QPSK	50	24	15.18	15.19	15.15		
20	QPSK	50	50	15.09	15.21	15.21		
20	QPSK	100	0	15.03	15.24	15.15		
20	16QAM	1	0	15.10	15.22	15.17	16.5	0
20	16QAM	1	49	15.21	15.05	14.99		
20	16QAM	1	99	15.08	15.22	15.20		
20	16QAM	50	0	15.05	14.98	15.07	16.5	0
20	16QAM	50	24	14.96	15.19	15.23		
20	16QAM	50	50	14.93	14.99	15.12		
20	16QAM	100	0	14.88	15.14	15.15		
20	64QAM	1	0	15.06	15.19	15.18	16.5	0
20	64QAM	1	49	14.97	15.21	15.18		
20	64QAM	1	99	15.15	15.17	14.87		
20	64QAM	50	0	15.09	15.20	15.13	16.5	0
20	64QAM	50	24	15.13	15.16	15.25		
20	64QAM	50	50	14.96	15.13	15.20		
20	64QAM	100	0	15.03	15.24	15.16		
20	256QAM	1	0	14.90	15.10	15.13	16.5	0
20	256QAM	1	49	14.90	15.18	15.12		
20	256QAM	1	99	15.14	15.15	14.86		
20	256QAM	50	0	15.09	15.02	15.03	16.5	0
20	256QAM	50	24	15.03	15.16	15.13		
20	256QAM	50	50	14.98	14.96	15.20		
20	256QAM	100	0	15.02	15.23	15.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.13	15.07	15.19	16.5	0
15	QPSK	1	37	15.03	15.15	15.06		
15	QPSK	1	74	14.75	14.94	14.78		
15	QPSK	36	0	14.93	15.15	15.12	16.5	0
15	QPSK	36	20	15.11	15.18	14.96		
15	QPSK	36	39	15.01	15.08	15.03		
15	QPSK	75	0	14.87	15.17	15.12		
15	16QAM	1	0	14.94	15.18	15.17	16.5	0
15	16QAM	1	37	15.02	14.95	14.90		
15	16QAM	1	74	15.03	15.11	15.04		
15	16QAM	36	0	14.98	14.78	15.01	16.5	0
15	16QAM	36	20	14.79	14.99	15.21		
15	16QAM	36	39	14.93	14.96	15.09		
15	16QAM	75	0	14.74	15.12	15.08		
15	64QAM	1	0	14.98	15.08	15.08	16.5	0
15	64QAM	1	37	14.79	15.16	15.13		
15	64QAM	1	74	15.11	15.01	14.85		
15	64QAM	36	0	15.00	15.05	15.05	16.5	0
15	64QAM	36	20	14.98	15.16	15.20		
15	64QAM	36	39	14.88	15.00	15.19		
15	64QAM	75	0	14.88	15.07	15.14		
15	256QAM	1	0	14.79	14.99	15.11	16.5	0
15	256QAM	1	37	14.82	15.12	15.10		
15	256QAM	1	74	15.05	15.11	14.73		
15	256QAM	36	0	15.05	15.00	14.90	16.5	0
15	256QAM	36	20	15.02	15.12	14.98		
15	256QAM	36	39	14.86	14.80	15.19		
15	256QAM	75	0	14.83	15.08	15.02		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.03	15.17	15.17	16.5	0
10	QPSK	1	25	14.91	14.97	14.95		
10	QPSK	1	49	14.70	14.81	14.76		
10	QPSK	25	0	15.03	15.17	15.16	16.5	0
10	QPSK	25	12	15.18	15.12	15.06		
10	QPSK	25	25	15.09	15.01	15.02		
10	QPSK	50	0	14.94	15.08	15.03		
10	16QAM	1	0	14.97	15.11	15.00	16.5	0
10	16QAM	1	25	15.19	14.97	14.86		
10	16QAM	1	49	15.03	15.04	15.19		
10	16QAM	25	0	15.04	14.83	15.02	16.5	0
10	16QAM	25	12	14.94	15.01	15.23		
10	16QAM	25	25	14.85	14.98	15.05		
10	16QAM	50	0	14.74	15.06	15.14		
10	64QAM	1	0	14.92	15.13	15.15	16.5	0
10	64QAM	1	25	14.93	15.13	15.11		
10	64QAM	1	49	15.13	15.07	14.74		
10	64QAM	25	0	15.08	15.00	15.05	16.5	0
10	64QAM	25	12	15.10	15.10	15.16		
10	64QAM	25	25	14.95	15.10	15.15		
10	64QAM	50	0	14.97	15.06	15.10		
10	256QAM	1	0	14.87	14.97	15.11	16.5	0
10	256QAM	1	25	14.86	15.17	14.99		
10	256QAM	1	49	15.00	15.12	14.82		
10	256QAM	25	0	14.94	14.86	14.83	16.5	0
10	256QAM	25	12	14.85	15.04	15.07		
10	256QAM	25	25	14.83	14.93	15.05		
10	256QAM	50	0	14.92	15.09	14.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.09	15.10	15.24	16.5	0
5	QPSK	1	12	15.08	15.00	15.09		
5	QPSK	1	24	14.70	14.92	14.78		
5	QPSK	12	0	15.13	15.17	15.22	16.5	0
5	QPSK	12	7	15.06	15.13	15.12		
5	QPSK	12	13	14.98	15.09	15.16		
5	QPSK	25	0	14.84	15.15	15.00		
5	16QAM	1	0	14.92	15.17	14.97	16.5	0
5	16QAM	1	12	15.04	14.95	14.88		
5	16QAM	1	24	14.98	15.22	15.08		
5	16QAM	12	0	14.90	14.97	15.03	16.5	0
5	16QAM	12	7	14.77	15.07	15.06		
5	16QAM	12	13	14.90	14.79	14.94		
5	16QAM	25	0	14.77	15.13	15.07		
5	64QAM	1	0	15.06	15.00	15.08	16.5	0
5	64QAM	1	12	14.85	15.14	15.05		
5	64QAM	1	24	14.95	15.02	14.67		
5	64QAM	12	0	14.99	15.06	15.09	16.5	0
5	64QAM	12	7	15.13	14.97	15.14		
5	64QAM	12	13	14.91	14.95	15.14		
5	64QAM	25	0	14.97	15.07	15.05		
5	256QAM	1	0	14.82	15.06	15.08	16.5	0
5	256QAM	1	12	14.71	15.02	14.98		
5	256QAM	1	24	15.07	15.14	14.69		
5	256QAM	12	0	15.07	14.95	14.99	16.5	0
5	256QAM	12	7	14.95	15.16	15.11		
5	256QAM	12	13	14.86	14.85	15.13		
5	256QAM	25	0	14.88	15.18	15.06		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.05	15.21	15.16	16.5	0
3	QPSK	1	8	14.88	15.05	15.00		
3	QPSK	1	14	14.71	14.84	14.96		
3	QPSK	8	0	15.04	15.08	15.10	16.5	0
3	QPSK	8	4	15.16	14.99	15.05		
3	QPSK	8	7	15.06	15.15	15.08		
3	QPSK	15	0	14.99	15.14	15.03		
3	16QAM	1	0	14.96	15.02	15.02	16.5	0
3	16QAM	1	8	15.12	14.94	14.79		
3	16QAM	1	14	15.06	15.08	15.11		
3	16QAM	8	0	14.98	14.81	15.00	16.5	0
3	16QAM	8	4	14.95	15.05	15.06		
3	16QAM	8	7	14.81	14.88	14.93		
3	16QAM	15	0	14.87	15.12	15.08		
3	64QAM	1	0	15.05	15.10	15.02	16.5	0
3	64QAM	1	8	14.80	15.15	15.04		
3	64QAM	1	14	15.03	15.17	14.87		
3	64QAM	8	0	14.90	15.04	15.09	16.5	0
3	64QAM	8	4	14.96	15.14	15.09		
3	64QAM	8	7	14.93	15.03	15.05		
3	64QAM	15	0	14.94	15.20	15.05		
3	256QAM	1	0	14.76	15.05	15.09	16.5	0
3	256QAM	1	8	14.79	14.98	14.98		
3	256QAM	1	14	15.01	15.05	14.74		
3	256QAM	8	0	14.89	14.83	14.90	16.5	0
3	256QAM	8	4	14.87	15.09	14.97		
3	256QAM	8	7	14.85	14.86	15.01		
3	256QAM	15	0	14.83	15.20	15.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.08	15.18	15.15	16.5	0
1.4	QPSK	1	3	14.92	15.10	14.93		
1.4	QPSK	1	5	14.74	14.95	14.76		
1.4	QPSK	3	0	14.96	15.12	15.06		
1.4	QPSK	3	1	15.09	15.03	15.15		
1.4	QPSK	3	3	15.07	15.04	15.01		
1.4	QPSK	6	0	14.89	15.18	15.13	16.5	0
1.4	16QAM	1	0	15.08	15.18	15.03	16.5	0
1.4	16QAM	1	3	15.01	14.97	14.80		
1.4	16QAM	1	5	15.07	15.04	15.15		
1.4	16QAM	3	0	14.88	14.97	14.95		
1.4	16QAM	3	1	14.79	15.12	15.17		
1.4	16QAM	3	3	14.74	14.85	14.94		
1.4	16QAM	6	0	14.76	14.95	15.09	16.5	0
1.4	64QAM	1	0	14.95	15.18	15.01	16.5	0
1.4	64QAM	1	3	14.91	15.10	15.08		
1.4	64QAM	1	5	15.10	15.17	14.83		
1.4	64QAM	3	0	14.92	15.01	15.00		
1.4	64QAM	3	1	15.08	14.99	15.11		
1.4	64QAM	3	3	14.84	15.06	15.20		
1.4	64QAM	6	0	14.95	15.22	14.98	16.5	0
1.4	256QAM	1	0	14.87	15.01	14.94	16.5	0
1.4	256QAM	1	3	14.71	15.08	14.92		
1.4	256QAM	1	5	15.03	14.95	14.77		
1.4	256QAM	3	0	14.94	15.02	14.94		
1.4	256QAM	3	1	14.93	15.07	15.11		
1.4	256QAM	3	3	14.88	14.78	15.20		
1.4	256QAM	6	0	14.91	15.08	14.94	16.5	0

Band 2_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.66	13.71	13.61	15	0
20	QPSK	1	49	13.58	13.69	13.54		
20	QPSK	1	99	13.49	13.52	13.51		
20	QPSK	50	0	13.61	13.64	13.58	15	0
20	QPSK	50	24	13.56	13.61	13.52		
20	QPSK	50	50	13.61	13.59	13.54		
20	QPSK	100	0	13.52	13.54	13.51		
20	16QAM	1	0	13.61	13.5	13.65	15	0
20	16QAM	1	49	13.68	13.62	13.42		
20	16QAM	1	99	13.55	13.68	13.59		
20	16QAM	50	0	13.64	13.54	13.62	15	0
20	16QAM	50	24	13.61	13.54	13.63		
20	16QAM	50	50	13.49	13.54	13.54		
20	16QAM	100	0	13.63	13.63	13.53		
20	64QAM	1	0	13.6	13.58	13.61	15	0
20	64QAM	1	49	13.63	13.58	13.58		
20	64QAM	1	99	13.52	13.34	13.62		
20	64QAM	50	0	13.58	13.43	13.67	15	0
20	64QAM	50	24	13.59	13.62	13.38		
20	64QAM	50	50	13.63	13.56	13.46		
20	64QAM	100	0	13.59	13.59	13.62		
20	256QAM	1	0	13.45	13.57	13.64	15	0
20	256QAM	1	49	13.65	13.41	13.69		
20	256QAM	1	99	13.35	13.53	13.46		
20	256QAM	50	0	13.52	13.61	13.56	15	0
20	256QAM	50	24	13.41	13.62	13.39		
20	256QAM	50	50	13.54	13.40	13.69		
20	256QAM	100	0	13.49	13.49	13.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.52	13.62	13.49	15	0
15	QPSK	1	37	13.53	13.58	13.51		
15	QPSK	1	74	13.28	13.37	13.50		
15	QPSK	36	0	13.48	13.59	13.41	15	0
15	QPSK	36	20	13.44	13.52	13.49		
15	QPSK	36	39	13.53	13.40	13.41		
15	QPSK	75	0	13.33	13.46	13.41		
15	16QAM	1	0	13.54	13.29	13.48	15	0
15	16QAM	1	37	13.62	13.50	13.41		
15	16QAM	1	74	13.38	13.51	13.57		
15	16QAM	36	0	13.60	13.42	13.56	15	0
15	16QAM	36	20	13.50	13.34	13.44		
15	16QAM	36	39	13.46	13.45	13.45		
15	16QAM	75	0	13.45	13.46	13.38		
15	64QAM	1	0	13.40	13.48	13.49	15	0
15	64QAM	1	37	13.48	13.49	13.42		
15	64QAM	1	74	13.39	13.24	13.50		
15	64QAM	36	0	13.40	13.36	13.46	15	0
15	64QAM	36	20	13.58	13.60	13.28		
15	64QAM	36	39	13.56	13.45	13.37		
15	64QAM	75	0	13.48	13.54	13.54		
15	256QAM	1	0	13.25	13.42	13.56	15	0
15	256QAM	1	37	13.55	13.25	13.56		
15	256QAM	1	74	13.31	13.35	13.42		
15	256QAM	36	0	13.33	13.58	13.43	15	0
15	256QAM	36	20	13.32	13.55	13.25		
15	256QAM	36	39	13.36	13.21	13.48		
15	256QAM	75	0	13.30	13.28	13.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.62	13.55	13.60	15	0
10	QPSK	1	25	13.41	13.48	13.43		
10	QPSK	1	49	13.37	13.36	13.39		
10	QPSK	25	0	13.51	13.62	13.53	15	0
10	QPSK	25	12	13.55	13.55	13.45		
10	QPSK	25	25	13.45	13.46	13.38		
10	QPSK	50	0	13.50	13.35	13.46		
10	16QAM	1	0	13.59	13.48	13.53	15	0
10	16QAM	1	25	13.64	13.45	13.27		
10	16QAM	1	49	13.37	13.53	13.40		
10	16QAM	25	0	13.53	13.34	13.41	15	0
10	16QAM	25	12	13.53	13.34	13.55		
10	16QAM	25	25	13.39	13.45	13.44		
10	16QAM	50	0	13.61	13.47	13.37		
10	64QAM	1	0	13.59	13.49	13.40	15	0
10	64QAM	1	25	13.58	13.47	13.39		
10	64QAM	1	49	13.37	13.21	13.45		
10	64QAM	25	0	13.53	13.30	13.58	15	0
10	64QAM	25	12	13.41	13.43	13.18		
10	64QAM	25	25	13.43	13.35	13.40		
10	64QAM	50	0	13.47	13.57	13.51		
10	256QAM	1	0	13.40	13.53	13.62	15	0
10	256QAM	1	25	13.60	13.39	13.58		
10	256QAM	1	49	13.34	13.38	13.37		
10	256QAM	25	0	13.37	13.44	13.53	15	0
10	256QAM	25	12	13.23	13.45	13.26		
10	256QAM	25	25	13.48	13.31	13.55		
10	256QAM	50	0	13.39	13.38	13.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.60	13.51	13.55	15	0
5	QPSK	1	12	13.41	13.54	13.33		
5	QPSK	1	24	13.47	13.42	13.38		
5	QPSK	12	0	13.56	13.49	13.57	15	0
5	QPSK	12	7	13.36	13.53	13.40		
5	QPSK	12	13	13.51	13.43	13.34		
5	QPSK	25	0	13.32	13.47	13.44		
5	16QAM	1	0	13.54	13.45	13.63	15	0
5	16QAM	1	12	13.59	13.49	13.38		
5	16QAM	1	24	13.46	13.58	13.48		
5	16QAM	12	0	13.53	13.42	13.54	15	0
5	16QAM	12	7	13.40	13.37	13.44		
5	16QAM	12	13	13.34	13.52	13.37		
5	16QAM	25	0	13.50	13.59	13.33		
5	64QAM	1	0	13.56	13.51	13.59	15	0
5	64QAM	1	12	13.54	13.50	13.45		
5	64QAM	1	24	13.34	13.30	13.43		
5	64QAM	12	0	13.52	13.23	13.46	15	0
5	64QAM	12	7	13.58	13.43	13.27		
5	64QAM	12	13	13.49	13.37	13.36		
5	64QAM	25	0	13.40	13.53	13.50		
5	256QAM	1	0	13.33	13.48	13.46	15	0
5	256QAM	1	12	13.50	13.37	13.50		
5	256QAM	1	24	13.16	13.38	13.32		
5	256QAM	12	0	13.39	13.48	13.45	15	0
5	256QAM	12	7	13.33	13.60	13.31		
5	256QAM	12	13	13.50	13.29	13.49		
5	256QAM	25	0	13.39	13.31	13.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.58	13.70	13.41	15	0
3	QPSK	1	8	13.42	13.51	13.37		
3	QPSK	1	14	13.37	13.44	13.46		
3	QPSK	8	0	13.50	13.49	13.55	15	0
3	QPSK	8	4	13.45	13.44	13.47		
3	QPSK	8	7	13.54	13.39	13.45		
3	QPSK	15	0	13.48	13.34	13.46		
3	16QAM	1	0	13.50	13.33	13.52	15	0
3	16QAM	1	8	13.47	13.55	13.35		
3	16QAM	1	14	13.43	13.58	13.46		
3	16QAM	8	0	13.58	13.51	13.46	15	0
3	16QAM	8	4	13.57	13.45	13.43		
3	16QAM	8	7	13.41	13.46	13.36		
3	16QAM	15	0	13.56	13.56	13.37		
3	64QAM	1	0	13.47	13.50	13.43	15	0
3	64QAM	1	8	13.52	13.49	13.41		
3	64QAM	1	14	13.42	13.21	13.41		
3	64QAM	8	0	13.39	13.34	13.58	15	0
3	64QAM	8	4	13.48	13.56	13.25		
3	64QAM	8	7	13.60	13.53	13.28		
3	64QAM	15	0	13.57	13.54	13.43		
3	256QAM	1	0	13.32	13.50	13.61	15	0
3	256QAM	1	8	13.54	13.25	13.56		
3	256QAM	1	14	13.28	13.33	13.45		
3	256QAM	8	0	13.34	13.49	13.53	15	0
3	256QAM	8	4	13.26	13.49	13.31		
3	256QAM	8	7	13.52	13.19	13.56		
3	256QAM	15	0	13.47	13.35	13.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.55	13.58	13.51	15	0
1.4	QPSK	1	3	13.47	13.56	13.50		
1.4	QPSK	1	5	13.30	13.35	13.43		
1.4	QPSK	3	0	13.51	13.53	13.43		
1.4	QPSK	3	1	13.53	13.40	13.49		
1.4	QPSK	3	3	13.51	13.50	13.43		
1.4	QPSK	6	0	13.37	13.36	13.48	15	0
1.4	16QAM	1	0	13.40	13.49	13.60	15	0
1.4	16QAM	1	3	13.66	13.57	13.34		
1.4	16QAM	1	5	13.48	13.54	13.39		
1.4	16QAM	3	0	13.43	13.37	13.50		
1.4	16QAM	3	1	13.53	13.35	13.54		
1.4	16QAM	3	3	13.34	13.36	13.49		
1.4	16QAM	6	0	13.62	13.46	13.35	15	0
1.4	64QAM	1	0	13.42	13.57	13.55	15	0
1.4	64QAM	1	3	13.59	13.57	13.39		
1.4	64QAM	1	5	13.33	13.15	13.48		
1.4	64QAM	3	0	13.51	13.30	13.49		
1.4	64QAM	3	1	13.56	13.45	13.37		
1.4	64QAM	3	3	13.52	13.41	13.45		
1.4	64QAM	6	0	13.58	13.42	13.46	15	0
1.4	256QAM	1	0	13.35	13.55	13.52	15	0
1.4	256QAM	1	3	13.48	13.23	13.52		
1.4	256QAM	1	5	13.32	13.35	13.32		
1.4	256QAM	3	0	13.47	13.56	13.35		
1.4	256QAM	3	1	13.32	13.45	13.28		
1.4	256QAM	3	3	13.33	13.38	13.62		
1.4	256QAM	6	0	13.38	13.47	13.39	15	0

Band 4_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	11.66	11.46	11.63	13	0
20	QPSK	1	49	11.63	11.5	11.55		
20	QPSK	1	99	11.53	11.51	11.51		
20	QPSK	50	0	11.62	11.54	11.57	13	0
20	QPSK	50	24	11.54	11.53	11.58		
20	QPSK	50	50	11.55	11.48	11.58		
20	QPSK	100	0	11.62	11.54	11.58		
20	16QAM	1	0	11.63	11.59	11.65	13	0
20	16QAM	1	49	11.59	11.51	11.49		
20	16QAM	1	99	11.63	11.55	11.53		
20	16QAM	50	0	11.43	11.46	11.55	13	0
20	16QAM	50	24	11.47	11.54	11.61		
20	16QAM	50	50	11.39	11.48	11.56		
20	16QAM	100	0	11.52	11.54	11.56		
20	64QAM	1	0	11.59	11.65	11.53	13	0
20	64QAM	1	49	11.39	11.61	11.62		
20	64QAM	1	99	11.54	11.35	11.49		
20	64QAM	50	0	11.46	11.5	11.54	13	0
20	64QAM	50	24	11.46	11.52	11.64		
20	64QAM	50	50	11.45	11.38	11.53		
20	64QAM	100	0	11.4	11.54	11.56		
20	256QAM	1	0	11.45	11.51	11.36	13	0
20	256QAM	1	49	11.28	11.45	11.47		
20	256QAM	1	99	11.44	11.28	11.46		
20	256QAM	50	0	11.29	11.51	11.38	13	0
20	256QAM	50	24	11.31	11.47	11.51		
20	256QAM	50	50	11.43	11.22	11.44		
20	256QAM	100	0	11.23	11.48	11.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	11.58	11.29	11.60	13	0
15	QPSK	1	37	11.44	11.40	11.41		
15	QPSK	1	74	11.40	11.34	11.42		
15	QPSK	36	0	11.50	11.52	11.40	13	0
15	QPSK	36	20	11.36	11.34	11.57		
15	QPSK	36	39	11.54	11.33	11.41		
15	QPSK	75	0	11.54	11.35	11.38		
15	16QAM	1	0	11.50	11.51	11.61	13	0
15	16QAM	1	37	11.51	11.30	11.42		
15	16QAM	1	74	11.42	11.38	11.48		
15	16QAM	36	0	11.42	11.31	11.51	13	0
15	16QAM	36	20	11.32	11.45	11.42		
15	16QAM	36	39	11.19	11.40	11.50		
15	16QAM	75	0	11.43	11.44	11.53		
15	64QAM	1	0	11.39	11.64	11.47	13	0
15	64QAM	1	37	11.21	11.54	11.43		
15	64QAM	1	74	11.40	11.24	11.44		
15	64QAM	36	0	11.38	11.41	11.44	13	0
15	64QAM	36	20	11.25	11.33	11.43		
15	64QAM	36	39	11.31	11.32	11.32		
15	64QAM	75	0	11.36	11.44	11.41		
15	256QAM	1	0	11.24	11.30	11.26	13	0
15	256QAM	1	37	11.22	11.40	11.31		
15	256QAM	1	74	11.37	11.13	11.43		
15	256QAM	36	0	11.27	11.44	11.24	13	0
15	256QAM	36	20	11.11	11.28	11.33		
15	256QAM	36	39	11.36	11.10	11.41		
15	256QAM	75	0	11.19	11.32	11.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	11.47	11.44	11.55	13	0
10	QPSK	1	25	11.48	11.33	11.49		
10	QPSK	1	49	11.39	11.36	11.33		
10	QPSK	25	0	11.42	11.37	11.49	13	0
10	QPSK	25	12	11.51	11.47	11.40		
10	QPSK	25	25	11.40	11.47	11.39		
10	QPSK	50	0	11.50	11.35	11.51		
10	16QAM	1	0	11.59	11.43	11.62	13	0
10	16QAM	1	25	11.38	11.36	11.41		
10	16QAM	1	49	11.58	11.48	11.40		
10	16QAM	25	0	11.26	11.36	11.54	13	0
10	16QAM	25	12	11.44	11.37	11.58		
10	16QAM	25	25	11.23	11.28	11.41		
10	16QAM	50	0	11.33	11.48	11.51		
10	64QAM	1	0	11.44	11.49	11.37	13	0
10	64QAM	1	25	11.31	11.48	11.54		
10	64QAM	1	49	11.52	11.18	11.46		
10	64QAM	25	0	11.31	11.48	11.46	13	0
10	64QAM	25	12	11.39	11.35	11.48		
10	64QAM	25	25	11.39	11.20	11.40		
10	64QAM	50	0	11.39	11.40	11.46		
10	256QAM	1	0	11.41	11.31	11.18	13	0
10	256QAM	1	25	11.27	11.42	11.31		
10	256QAM	1	49	11.40	11.27	11.30		
10	256QAM	25	0	11.13	11.40	11.25	13	0
10	256QAM	25	12	11.24	11.41	11.46		
10	256QAM	25	25	11.25	11.12	11.36		
10	256QAM	50	0	11.12	11.28	11.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.54	11.45	11.48	13	0
5	QPSK	1	12	11.49	11.46	11.46		
5	QPSK	1	24	11.45	11.47	11.35		
5	QPSK	12	0	11.51	11.37	11.53	13	0
5	QPSK	12	7	11.45	11.41	11.46		
5	QPSK	12	13	11.53	11.42	11.54		
5	QPSK	25	0	11.42	11.49	11.41		
5	16QAM	1	0	11.49	11.39	11.49	13	0
5	16QAM	1	12	11.39	11.50	11.41		
5	16QAM	1	24	11.47	11.42	11.39		
5	16QAM	12	0	11.35	11.44	11.41	13	0
5	16QAM	12	7	11.40	11.52	11.46		
5	16QAM	12	13	11.34	11.34	11.37		
5	16QAM	25	0	11.39	11.48	11.54		
5	64QAM	1	0	11.50	11.63	11.40	13	0
5	64QAM	1	12	11.27	11.41	11.49		
5	64QAM	1	24	11.37	11.31	11.46		
5	64QAM	12	0	11.28	11.45	11.42	13	0
5	64QAM	12	7	11.30	11.37	11.59		
5	64QAM	12	13	11.24	11.28	11.35		
5	64QAM	25	0	11.19	11.45	11.39		
5	256QAM	1	0	11.39	11.42	11.22	13	0
5	256QAM	1	12	11.18	11.39	11.42		
5	256QAM	1	24	11.43	11.24	11.39		
5	256QAM	12	0	11.11	11.33	11.28	13	0
5	256QAM	12	7	11.10	11.41	11.31		
5	256QAM	12	13	11.42	11.12	11.31		
5	256QAM	25	0	11.21	11.35	11.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.45	11.29	11.53	13	0
3	QPSK	1	8	11.46	11.32	11.52		
3	QPSK	1	14	11.45	11.35	11.47		
3	QPSK	8	0	11.61	11.35	11.56	13	0
3	QPSK	8	4	11.37	11.50	11.42		
3	QPSK	8	7	11.41	11.47	11.54		
3	QPSK	15	0	11.46	11.35	11.42		
3	16QAM	1	0	11.47	11.38	11.45	13	0
3	16QAM	1	8	11.44	11.48	11.41		
3	16QAM	1	14	11.48	11.39	11.35		
3	16QAM	8	0	11.34	11.32	11.44	13	0
3	16QAM	8	4	11.29	11.42	11.44		
3	16QAM	8	7	11.25	11.47	11.50		
3	16QAM	15	0	11.37	11.50	11.39		
3	64QAM	1	0	11.47	11.59	11.43	13	0
3	64QAM	1	8	11.36	11.56	11.61		
3	64QAM	1	14	11.38	11.23	11.47		
3	64QAM	8	0	11.25	11.39	11.39	13	0
3	64QAM	8	4	11.28	11.31	11.61		
3	64QAM	8	7	11.26	11.21	11.52		
3	64QAM	15	0	11.30	11.38	11.39		
3	256QAM	1	0	11.43	11.31	11.35	13	0
3	256QAM	1	8	11.08	11.35	11.26		
3	256QAM	1	14	11.29	11.14	11.40		
3	256QAM	8	0	11.10	11.33	11.22	13	0
3	256QAM	8	4	11.23	11.43	11.45		
3	256QAM	8	7	11.27	11.09	11.30		
3	256QAM	15	0	11.12	11.33	11.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.56	11.32	11.62	13	0
1.4	QPSK	1	3	11.56	11.36	11.53		
1.4	QPSK	1	5	11.32	11.49	11.31		
1.4	QPSK	3	0	11.60	11.36	11.46		
1.4	QPSK	3	1	11.48	11.49	11.48		
1.4	QPSK	3	3	11.36	11.39	11.37		
1.4	QPSK	6	0	11.46	11.33	11.45	13	0
1.4	16QAM	1	0	11.55	11.47	11.48	13	0
1.4	16QAM	1	3	11.53	11.31	11.44		
1.4	16QAM	1	5	11.47	11.51	11.52		
1.4	16QAM	3	0	11.23	11.26	11.42		
1.4	16QAM	3	1	11.41	11.35	11.40		
1.4	16QAM	3	3	11.20	11.38	11.43		
1.4	16QAM	6	0	11.48	11.39	11.54	13	0
1.4	64QAM	1	0	11.54	11.44	11.44	13	0
1.4	64QAM	1	3	11.23	11.45	11.49		
1.4	64QAM	1	5	11.46	11.32	11.31		
1.4	64QAM	3	0	11.34	11.48	11.53		
1.4	64QAM	3	1	11.32	11.44	11.58		
1.4	64QAM	3	3	11.37	11.21	11.41		
1.4	64QAM	6	0	11.28	11.39	11.40	13	0
1.4	256QAM	1	0	11.36	11.48	11.31	13	0
1.4	256QAM	1	3	11.12	11.30	11.43		
1.4	256QAM	1	5	11.24	11.20	11.33		
1.4	256QAM	3	0	11.09	11.42	11.27		
1.4	256QAM	3	1	11.24	11.39	11.40		
1.4	256QAM	3	3	11.25	11.01	11.29		
1.4	256QAM	6	0	11.09	11.42	11.34	13	0

Band 5_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	17.28	17.26	17.22	18.5	0
10	QPSK	1	25	17.15	17.23	17.16		
10	QPSK	1	49	17.24	17.23	17.19		
10	QPSK	25	0	17.27	17.21	17.18	18.5	0
10	QPSK	25	12	17.27	17.25	17.2		
10	QPSK	25	25	17.26	17.23	17.21		
10	QPSK	50	0	17.24	17.2	17.16		
10	16QAM	1	0	17.03	17.16	17.25	18.5	0
10	16QAM	1	25	16.94	17.01	17.22		
10	16QAM	1	49	17.17	17.17	17.19		
10	16QAM	25	0	17.13	17.19	17.21	18.5	0
10	16QAM	25	12	17.18	17.18	17.16		
10	16QAM	25	25	17.16	17.25	17.16		
10	16QAM	50	0	17.16	17.14	17.16		
10	64QAM	1	0	17.18	17.13	17.15	18.5	0
10	64QAM	1	25	17.22	17.16	17.17		
10	64QAM	1	49	17.17	17.15	17.15		
10	64QAM	25	0	17.15	17.09	17.23	18.5	0
10	64QAM	25	12	17.23	17.09	17.22		
10	64QAM	25	25	17.18	17.16	17.24		
10	64QAM	50	0	17.08	17.13	17.19		
10	256QAM	1	0	17.15	17.08	16.98	18.5	0
10	256QAM	1	25	17.14	17.16	17.01		
10	256QAM	1	49	17.08	17.06	17.06		
10	256QAM	25	0	17.17	16.92	17.18	18.5	0
10	256QAM	25	12	17.06	16.91	17.19		
10	256QAM	25	25	17.12	17.04	17.09		
10	256QAM	50	0	17.02	16.97	17.19		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	17.13	17.24	17.04	18.5	0
5	QPSK	1	12	17.10	17.06	16.98		
5	QPSK	1	24	17.07	17.09	17.18		
5	QPSK	12	0	17.19	17.20	17.07	18.5	0
5	QPSK	12	7	17.17	17.19	17.14		
5	QPSK	12	13	17.23	17.06	17.20		
5	QPSK	25	0	17.07	17.05	16.98		
5	16QAM	1	0	16.94	17.04	17.11	18.5	0
5	16QAM	1	12	16.84	16.81	17.10		
5	16QAM	1	24	17.14	16.97	17.14		
5	16QAM	12	0	17.06	17.11	17.01	18.5	0
5	16QAM	12	7	17.16	17.16	17.10		
5	16QAM	12	13	17.13	17.24	17.00		
5	16QAM	25	0	16.96	16.94	17.04		
5	64QAM	1	0	17.11	16.98	16.98	18.5	0
5	64QAM	1	12	17.21	17.01	17.14		
5	64QAM	1	24	17.07	17.01	17.07		
5	64QAM	12	0	17.11	17.08	17.02	18.5	0
5	64QAM	12	7	17.05	17.03	17.20		
5	64QAM	12	13	17.00	17.03	17.20		
5	64QAM	25	0	16.97	16.95	16.98		
5	256QAM	1	0	17.07	17.00	16.81	18.5	0
5	256QAM	1	12	17.07	17.13	16.86		
5	256QAM	1	24	16.97	16.92	16.86		
5	256QAM	12	0	17.01	16.91	17.13	18.5	0
5	256QAM	12	7	16.86	16.83	17.09		
5	256QAM	12	13	16.94	16.83	16.96		
5	256QAM	25	0	16.89	16.80	17.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	17.11	17.07	17.21	18.5	0
3	QPSK	1	8	17.03	17.10	17.04		
3	QPSK	1	14	17.03	17.11	17.09		
3	QPSK	8	0	17.15	17.20	17.15	18.5	0
3	QPSK	8	4	17.15	17.08	17.02		
3	QPSK	8	7	17.08	17.09	17.09		
3	QPSK	15	0	17.22	17.10	17.07		
3	16QAM	1	0	17.01	16.97	17.19	18.5	0
3	16QAM	1	8	16.73	16.90	17.18		
3	16QAM	1	14	17.09	17.03	17.08		
3	16QAM	8	0	17.11	17.11	17.00	18.5	0
3	16QAM	8	4	16.99	17.04	16.97		
3	16QAM	8	7	17.12	17.12	17.07		
3	16QAM	15	0	17.06	17.11	17.01		
3	64QAM	1	0	16.97	16.94	16.98	18.5	0
3	64QAM	1	8	17.09	17.10	17.15		
3	64QAM	1	14	17.16	16.94	17.13		
3	64QAM	8	0	16.99	16.92	17.15	18.5	0
3	64QAM	8	4	17.08	16.92	17.19		
3	64QAM	8	7	17.09	16.98	17.13		
3	64QAM	15	0	16.92	17.05	17.15		
3	256QAM	1	0	17.09	16.97	16.80	18.5	0
3	256QAM	1	8	17.04	17.14	16.98		
3	256QAM	1	14	16.97	16.97	16.86		
3	256QAM	8	0	17.00	16.77	17.11	18.5	0
3	256QAM	8	4	16.85	16.75	17.06		
3	256QAM	8	7	16.93	16.99	17.04		
3	256QAM	15	0	16.82	16.80	17.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	17.23	17.07	17.04	18.5	0
1.4	QPSK	1	3	16.99	17.13	17.12		
1.4	QPSK	1	5	17.13	17.09	17.17		
1.4	QPSK	3	0	17.17	17.13	16.98		
1.4	QPSK	3	1	17.22	17.16	17.10		
1.4	QPSK	3	3	17.17	17.05	17.19		
1.4	QPSK	6	0	17.12	17.14	16.95	18.5	0
1.4	16QAM	1	0	16.95	17.04	17.09	18.5	0
1.4	16QAM	1	3	16.92	16.97	17.01		
1.4	16QAM	1	5	17.05	16.97	17.15		
1.4	16QAM	3	0	17.11	17.08	17.06		
1.4	16QAM	3	1	17.01	17.17	17.03		
1.4	16QAM	3	3	16.97	17.11	17.09		
1.4	16QAM	6	0	16.99	16.97	17.12	18.5	0
1.4	64QAM	1	0	17.09	16.97	17.05	18.5	0
1.4	64QAM	1	3	17.01	17.07	17.04		
1.4	64QAM	1	5	17.11	17.11	17.14		
1.4	64QAM	3	0	16.97	16.94	17.22		
1.4	64QAM	3	1	17.22	17.06	17.11		
1.4	64QAM	3	3	17.04	16.99	17.20		
1.4	64QAM	6	0	17.00	17.10	17.18	18.5	0
1.4	256QAM	1	0	17.03	16.95	16.89	18.5	0
1.4	256QAM	1	3	17.13	17.14	16.83		
1.4	256QAM	1	5	17.01	16.95	16.89		
1.4	256QAM	3	0	17.00	16.75	17.11		
1.4	256QAM	3	1	16.88	16.83	17.07		
1.4	256QAM	3	3	16.92	16.89	16.97		
1.4	256QAM	6	0	16.81	16.89	17.01	18.5	0

Band 7_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.23	13.33	13.30	14.5	0
20	QPSK	1	49	13.19	13.25	13.21		
20	QPSK	1	99	13.10	13.15	13.14		
20	QPSK	50	0	13.09	13.27	13.23	14.5	0
20	QPSK	50	24	13.05	13.20	13.14		
20	QPSK	50	50	13.04	13.17	13.14		
20	QPSK	100	0	13.11	13.21	13.16		
20	16QAM	1	0	13.23	13.21	13.21	14.5	0
20	16QAM	1	49	13.15	13.23	13.21		
20	16QAM	1	99	12.96	13.22	13.16		
20	16QAM	50	0	13.04	13.31	13.18	14.5	0
20	16QAM	50	24	13.14	13.18	13.19		
20	16QAM	50	50	13.13	13.15	13.17		
20	16QAM	100	0	13.27	13.32	13.12		
20	64QAM	1	0	13.20	13.09	13.24	14.5	0
20	64QAM	1	49	13.08	12.94	13.03		
20	64QAM	1	99	12.97	13.31	13.12		
20	64QAM	50	0	13.02	13.03	13.14	14.5	0
20	64QAM	50	24	13.04	13.23	13.30		
20	64QAM	50	50	13.15	13.26	13.19		
20	64QAM	100	0	13.23	13.22	13.14		
20	256QAM	1	0	13.16	13.06	13.12	14.5	0
20	256QAM	1	49	13.10	12.90	12.97		
20	256QAM	1	99	12.96	13.25	13.10		
20	256QAM	50	0	12.89	13.00	13.14	14.5	0
20	256QAM	50	24	12.98	13.18	13.25		
20	256QAM	50	50	13.02	13.22	13.09		
20	256QAM	100	0	13.12	13.20	13.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.12	13.21	13.09	14.5	0
15	QPSK	1	37	13.15	13.17	13.02		
15	QPSK	1	74	12.93	12.93	12.95		
15	QPSK	36	0	12.91	13.09	13.14	14.5	0
15	QPSK	36	20	13.02	13.10	13.12		
15	QPSK	36	39	12.94	12.98	12.92		
15	QPSK	75	0	12.93	13.18	12.94		
15	16QAM	1	0	13.11	13.19	13.12	14.5	0
15	16QAM	1	37	12.96	13.18	13.06		
15	16QAM	1	74	12.85	13.02	13.09		
15	16QAM	36	0	12.82	13.17	12.99	14.5	0
15	16QAM	36	20	13.07	13.01	13.09		
15	16QAM	36	39	13.05	13.08	12.98		
15	16QAM	75	0	13.20	13.21	13.06		
15	64QAM	1	0	13.06	12.99	13.05	14.5	0
15	64QAM	1	37	12.93	12.82	12.97		
15	64QAM	1	74	12.85	13.16	12.97		
15	64QAM	36	0	12.91	12.82	13.12	14.5	0
15	64QAM	36	20	12.90	13.06	13.24		
15	64QAM	36	39	12.95	13.21	13.17		
15	64QAM	75	0	13.17	13.07	12.96		
15	256QAM	1	0	12.97	13.03	12.94	14.5	0
15	256QAM	1	37	13.07	12.76	12.84		
15	256QAM	1	74	12.78	13.14	13.08		
15	256QAM	36	0	12.75	12.81	12.96	14.5	0
15	256QAM	36	20	12.81	13.09	13.13		
15	256QAM	36	39	12.96	13.12	13.02		
15	256QAM	75	0	12.98	12.99	12.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.09	13.28	13.09	14.5	0
10	QPSK	1	25	13.03	13.12	13.07		
10	QPSK	1	49	13.05	13.02	13.02		
10	QPSK	25	0	12.92	13.25	13.10	14.5	0
10	QPSK	25	12	12.87	13.03	12.98		
10	QPSK	25	25	12.98	12.97	13.03		
10	QPSK	50	0	12.94	13.17	12.99		
10	16QAM	1	0	13.10	13.03	13.16	14.5	0
10	16QAM	1	25	13.06	13.15	13.10		
10	16QAM	1	49	12.80	13.13	12.96		
10	16QAM	25	0	12.87	13.27	13.04	14.5	0
10	16QAM	25	12	12.98	13.05	13.09		
10	16QAM	25	25	12.93	13.13	13.13		
10	16QAM	50	0	13.06	13.19	13.01		
10	64QAM	1	0	13.16	12.88	13.20	14.5	0
10	64QAM	1	25	12.91	12.72	12.97		
10	64QAM	1	49	12.95	13.24	12.97		
10	64QAM	25	0	12.92	12.90	13.07	14.5	0
10	64QAM	25	12	12.83	13.02	13.17		
10	64QAM	25	25	13.03	13.24	13.02		
10	64QAM	50	0	13.16	13.08	13.05		
10	256QAM	1	0	13.01	12.97	12.93	14.5	0
10	256QAM	1	25	13.07	12.81	12.83		
10	256QAM	1	49	12.75	13.05	12.91		
10	256QAM	25	0	12.86	12.98	13.02	14.5	0
10	256QAM	25	12	12.79	13.04	13.20		
10	256QAM	25	25	12.83	13.06	12.93		
10	256QAM	50	0	12.98	13.07	12.95		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.04	13.16	13.10	14.5	0
5	QPSK	1	12	13.06	13.03	13.02		
5	QPSK	1	24	12.91	13.04	13.03		
5	QPSK	12	0	12.95	13.05	13.01	14.5	0
5	QPSK	12	7	12.84	13.08	13.05		
5	QPSK	12	13	12.98	13.09	13.01		
5	QPSK	25	0	12.94	13.09	12.99		
5	16QAM	1	0	13.02	13.06	13.16	14.5	0
5	16QAM	1	12	13.07	13.13	13.08		
5	16QAM	1	24	12.84	13.01	13.11		
5	16QAM	12	0	12.95	13.11	13.11	14.5	0
5	16QAM	12	7	13.12	13.02	13.07		
5	16QAM	12	13	12.94	12.99	12.99		
5	16QAM	25	0	13.23	13.22	13.02		
5	64QAM	1	0	13.09	13.07	13.13	14.5	0
5	64QAM	1	12	12.92	12.81	12.82		
5	64QAM	1	24	12.82	13.17	13.03		
5	64QAM	12	0	12.85	12.86	13.11	14.5	0
5	64QAM	12	7	12.86	13.20	13.17		
5	64QAM	12	13	12.95	13.23	13.11		
5	64QAM	25	0	13.02	13.16	13.11		
5	256QAM	1	0	13.14	12.89	13.06	14.5	0
5	256QAM	1	12	12.88	12.87	12.80		
5	256QAM	1	24	12.81	13.20	12.94		
5	256QAM	12	0	12.68	12.88	13.04	14.5	0
5	256QAM	12	7	12.91	13.00	13.04		
5	256QAM	12	13	12.92	13.15	12.99		
5	256QAM	25	0	12.95	13.18	12.95		

Band 7_Ant 4_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	11.09	11.15	11.26	12.5	0
20	QPSK	1	49	11.02	11.17	11.19		
20	QPSK	1	99	11.13	11.17	11.20		
20	QPSK	50	0	11.13	11.19	11.22	12.5	0
20	QPSK	50	24	11.14	11.16	11.17		
20	QPSK	50	50	11.09	11.12	11.14		
20	QPSK	100	0	11.11	11.13	11.16		
20	16QAM	1	0	10.77	11.13	10.77	12.5	0
20	16QAM	1	49	10.79	11.14	10.86		
20	16QAM	1	99	10.81	11.23	10.94		
20	16QAM	50	0	11.09	11.16	11.17	12.5	0
20	16QAM	50	24	11.13	11.21	11.12		
20	16QAM	50	50	11.09	11.17	11.16		
20	16QAM	100	0	11.21	11.14	11.15		
20	64QAM	1	0	10.92	11.13	10.99	12.5	0
20	64QAM	1	49	10.94	11.24	11.00		
20	64QAM	1	99	10.94	11.12	11.01		
20	64QAM	50	0	11.13	11.15	11.16	12.5	0
20	64QAM	50	24	11.14	11.14	11.21		
20	64QAM	50	50	11.10	11.11	11.16		
20	64QAM	100	0	11.15	11.07	11.24		
20	256QAM	1	0	11.16	11.06	11.22	12.5	0
20	256QAM	1	49	11.21	11.09	11.24		
20	256QAM	1	99	11.24	11.13	11.13		
20	256QAM	50	0	11.17	11.15	11.17	12.5	0
20	256QAM	50	24	11.11	11.12	11.16		
20	256QAM	50	50	11.13	11.14	11.04		
20	256QAM	100	0	11.14	11.03	11.15		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.07	11.06	11.17	12.5	0
15	QPSK	1	37	10.82	10.97	11.10		
15	QPSK	1	74	10.95	11.15	11.01		
15	QPSK	36	0	11.04	11.01	11.00	12.5	0
15	QPSK	36	20	11.02	10.98	11.05		
15	QPSK	36	39	11.00	10.90	11.03		
15	QPSK	75	0	10.95	11.08	10.95		
15	16QAM	1	0	10.63	10.96	10.60	12.5	0
15	16QAM	1	37	10.76	10.93	10.81		
15	16QAM	1	74	10.59	11.18	10.82		
15	16QAM	36	0	10.95	10.95	11.04	12.5	0
15	16QAM	36	20	10.99	11.09	11.10		
15	16QAM	36	39	11.05	11.06	11.00		
15	16QAM	75	0	11.14	11.10	11.00		
15	64QAM	1	0	10.87	11.10	10.97	12.5	0
15	64QAM	1	37	10.91	11.09	10.87		
15	64QAM	1	74	10.87	11.10	10.87		
15	64QAM	36	0	11.02	11.05	11.11	12.5	0
15	64QAM	36	20	11.05	10.93	11.07		
15	64QAM	36	39	10.97	10.90	11.10		
15	64QAM	75	0	11.12	11.01	11.15		
15	256QAM	1	0	11.14	11.03	11.04	12.5	0
15	256QAM	1	37	11.17	10.91	11.06		
15	256QAM	1	74	11.17	10.98	11.07		
15	256QAM	36	0	11.06	11.00	10.97	12.5	0
15	256QAM	36	20	11.00	10.95	11.09		
15	256QAM	36	39	11.05	11.12	10.83		
15	256QAM	75	0	10.98	10.81	11.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	11.04	11.06	11.16	12.5	0
10	QPSK	1	25	10.85	11.13	11.02		
10	QPSK	1	49	11.00	11.15	11.15		
10	QPSK	25	0	10.99	11.16	11.12	12.5	0
10	QPSK	25	12	10.97	10.95	11.05		
10	QPSK	25	25	11.05	11.06	10.97		
10	QPSK	50	0	11.03	11.00	11.03		
10	16QAM	1	0	10.75	10.99	10.56	12.5	0
10	16QAM	1	25	10.65	10.96	10.72		
10	16QAM	1	49	10.78	11.04	10.75		
10	16QAM	25	0	11.01	11.08	10.96	12.5	0
10	16QAM	25	12	10.92	11.10	11.04		
10	16QAM	25	25	11.06	10.95	10.95		
10	16QAM	50	0	11.06	11.10	10.95		
10	64QAM	1	0	10.82	10.93	10.79	12.5	0
10	64QAM	1	25	10.78	11.07	10.78		
10	64QAM	1	49	10.75	10.96	10.89		
10	64QAM	25	0	10.98	10.93	11.14	12.5	0
10	64QAM	25	12	10.97	11.02	11.05		
10	64QAM	25	25	11.01	10.91	11.01		
10	64QAM	50	0	10.97	10.87	11.11		
10	256QAM	1	0	10.97	10.99	11.07	12.5	0
10	256QAM	1	25	11.12	10.97	11.14		
10	256QAM	1	49	11.14	10.93	10.99		
10	256QAM	25	0	10.98	11.10	11.12	12.5	0
10	256QAM	25	12	10.93	11.06	11.14		
10	256QAM	25	25	10.92	11.04	11.00		
10	256QAM	50	0	10.99	10.88	10.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.07	11.00	11.17	12.5	0
5	QPSK	1	12	10.90	11.08	11.02		
5	QPSK	1	24	11.02	10.98	11.01		
5	QPSK	12	0	11.05	11.14	11.11	12.5	0
5	QPSK	12	7	10.96	11.06	11.07		
5	QPSK	12	13	10.93	11.08	10.99		
5	QPSK	25	0	10.97	11.05	11.11		
5	16QAM	1	0	10.63	10.97	10.62	12.5	0
5	16QAM	1	12	10.74	11.07	10.79		
5	16QAM	1	24	10.78	11.05	10.82		
5	16QAM	12	0	10.90	11.03	10.99	12.5	0
5	16QAM	12	7	11.06	11.13	10.93		
5	16QAM	12	13	10.94	11.09	11.08		
5	16QAM	25	0	11.06	11.09	11.08		
5	64QAM	1	0	10.70	11.10	10.92	12.5	0
5	64QAM	1	12	10.77	11.10	10.83		
5	64QAM	1	24	10.85	10.91	10.96		
5	64QAM	12	0	10.94	10.97	10.95	12.5	0
5	64QAM	12	7	11.05	10.97	11.11		
5	64QAM	12	13	10.93	11.05	10.97		
5	64QAM	25	0	10.99	11.04	11.16		
5	256QAM	1	0	11.10	11.00	11.01	12.5	0
5	256QAM	1	12	11.10	10.89	11.16		
5	256QAM	1	24	11.14	11.02	11.04		
5	256QAM	12	0	10.95	11.01	11.01	12.5	0
5	256QAM	12	7	10.99	10.96	11.02		
5	256QAM	12	13	11.11	11.09	10.91		
5	256QAM	25	0	10.93	10.82	11.05		

Band 66_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	11.64	11.81	11.71	13	0
20	QPSK	1	49	11.56	11.64	11.66		
20	QPSK	1	99	11.43	11.52	11.5		
20	QPSK	50	0	11.62	11.76	11.65	13	0
20	QPSK	50	24	11.62	11.74	11.72		
20	QPSK	50	50	11.61	11.68	11.63		
20	QPSK	100	0	11.48	11.72	11.69		
20	16QAM	1	0	11.69	11.78	11.69	13	0
20	16QAM	1	49	11.62	11.55	11.52		
20	16QAM	1	99	11.52	11.64	11.61		
20	16QAM	50	0	11.5	11.52	11.64	13	0
20	16QAM	50	24	11.49	11.64	11.7		
20	16QAM	50	50	11.41	11.4	11.7		
20	16QAM	100	0	11.46	11.74	11.62		
20	64QAM	1	0	11.58	11.79	11.74	13	0
20	64QAM	1	49	11.42	11.75	11.6		
20	64QAM	1	99	11.71	11.68	11.3		
20	64QAM	50	0	11.69	11.69	11.56	13	0
20	64QAM	50	24	11.72	11.69	11.79		
20	64QAM	50	50	11.49	11.54	11.62		
20	64QAM	100	0	11.48	11.7	11.65		
20	256QAM	1	0	11.44	11.71	11.59	13	0
20	256QAM	1	49	11.41	11.77	11.47		
20	256QAM	1	99	11.73	11.50	11.15		
20	256QAM	50	0	11.60	11.71	11.45	13	0
20	256QAM	50	24	11.68	11.66	11.76		
20	256QAM	50	50	11.46	11.42	11.51		
20	256QAM	100	0	11.40	11.59	11.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	11.63	11.62	11.54	13	0
15	QPSK	1	37	11.53	11.61	11.45		
15	QPSK	1	74	11.37	11.46	11.39		
15	QPSK	36	0	11.53	11.75	11.58	13	0
15	QPSK	36	20	11.49	11.59	11.56		
15	QPSK	36	39	11.52	11.53	11.51		
15	QPSK	75	0	11.37	11.66	11.54		
15	16QAM	1	0	11.61	11.76	11.60	13	0
15	16QAM	1	37	11.57	11.41	11.40		
15	16QAM	1	74	11.50	11.55	11.49		
15	16QAM	36	0	11.46	11.50	11.44	13	0
15	16QAM	36	20	11.45	11.53	11.55		
15	16QAM	36	39	11.25	11.34	11.67		
15	16QAM	75	0	11.42	11.63	11.53		
15	64QAM	1	0	11.48	11.72	11.57	13	0
15	64QAM	1	37	11.28	11.62	11.58		
15	64QAM	1	74	11.65	11.67	11.18		
15	64QAM	36	0	11.64	11.49	11.42	13	0
15	64QAM	36	20	11.71	11.53	11.62		
15	64QAM	36	39	11.45	11.36	11.46		
15	64QAM	75	0	11.34	11.51	11.56		
15	256QAM	1	0	11.35	11.50	11.42	13	0
15	256QAM	1	37	11.21	11.67	11.28		
15	256QAM	1	74	11.54	11.32	11.43		
15	256QAM	36	0	11.46	11.56	11.38	13	0
15	256QAM	36	20	11.50	11.62	11.62		
15	256QAM	36	39	11.34	11.33	11.48		
15	256QAM	75	0	11.37	11.49	11.52		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	11.57	11.70	11.50	13	0
10	QPSK	1	25	11.45	11.50	11.50		
10	QPSK	1	49	11.22	11.38	11.31		
10	QPSK	25	0	11.44	11.70	11.64	13	0
10	QPSK	25	12	11.61	11.73	11.52		
10	QPSK	25	25	11.57	11.57	11.60		
10	QPSK	50	0	11.46	11.55	11.50		
10	16QAM	1	0	11.58	11.69	11.52	13	0
10	16QAM	1	25	11.45	11.53	11.33		
10	16QAM	1	49	11.37	11.54	11.57		
10	16QAM	25	0	11.33	11.50	11.58	13	0
10	16QAM	25	12	11.42	11.49	11.53		
10	16QAM	25	25	11.35	11.22	11.59		
10	16QAM	50	0	11.44	11.58	11.56		
10	64QAM	1	0	11.41	11.77	11.71	13	0
10	64QAM	1	25	11.25	11.69	11.40		
10	64QAM	1	49	11.56	11.62	11.29		
10	64QAM	25	0	11.60	11.68	11.50	13	0
10	64QAM	25	12	11.65	11.67	11.77		
10	64QAM	25	25	11.38	11.33	11.47		
10	64QAM	50	0	11.42	11.66	11.50		
10	256QAM	1	0	11.25	11.70	11.39	13	0
10	256QAM	1	25	11.33	11.61	11.45		
10	256QAM	1	49	11.57	11.42	11.05		
10	256QAM	25	0	11.59	11.55	11.44	13	0
10	256QAM	25	12	11.55	11.62	11.73		
10	256QAM	25	25	11.26	11.26	11.50		
10	256QAM	50	0	11.33	11.58	11.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	11.59	11.71	11.55	13	0
5	QPSK	1	12	11.51	11.45	11.63		
5	QPSK	1	24	11.42	11.40	11.42		
5	QPSK	12	0	11.60	11.69	11.50	13	0
5	QPSK	12	7	11.45	11.63	11.63		
5	QPSK	12	13	11.52	11.58	11.58		
5	QPSK	25	0	11.41	11.59	11.59		
5	16QAM	1	0	11.67	11.77	11.63	13	0
5	16QAM	1	12	11.58	11.34	11.50		
5	16QAM	1	24	11.33	11.47	11.60		
5	16QAM	12	0	11.31	11.45	11.60	13	0
5	16QAM	12	7	11.40	11.43	11.68		
5	16QAM	12	13	11.39	11.38	11.63		
5	16QAM	25	0	11.42	11.68	11.43		
5	64QAM	1	0	11.46	11.72	11.71	13	0
5	64QAM	1	12	11.21	11.66	11.57		
5	64QAM	1	24	11.52	11.58	11.13		
5	64QAM	12	0	11.60	11.57	11.45	13	0
5	64QAM	12	7	11.59	11.64	11.74		
5	64QAM	12	13	11.40	11.48	11.48		
5	64QAM	25	0	11.27	11.63	11.45		
5	256QAM	1	0	11.27	11.62	11.44	13	0
5	256QAM	1	12	11.20	11.58	11.29		
5	256QAM	1	24	11.53	11.30	11.00		
5	256QAM	12	0	11.43	11.65	11.31	13	0
5	256QAM	12	7	11.56	11.51	11.56		
5	256QAM	12	13	11.39	11.34	11.44		
5	256QAM	25	0	11.29	11.46	11.49		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	11.47	11.63	11.64	13	0
3	QPSK	1	8	11.35	11.43	11.45		
3	QPSK	1	14	11.37	11.46	11.47		
3	QPSK	8	0	11.58	11.73	11.48	13	0
3	QPSK	8	4	11.51	11.64	11.52		
3	QPSK	8	7	11.51	11.65	11.58		
3	QPSK	15	0	11.27	11.53	11.54		
3	16QAM	1	0	11.52	11.68	11.59	13	0
3	16QAM	1	8	11.60	11.40	11.48		
3	16QAM	1	14	11.31	11.47	11.40		
3	16QAM	8	0	11.47	11.33	11.44	13	0
3	16QAM	8	4	11.32	11.51	11.69		
3	16QAM	8	7	11.39	11.21	11.64		
3	16QAM	15	0	11.37	11.68	11.46		
3	64QAM	1	0	11.52	11.63	11.68	13	0
3	64QAM	1	8	11.37	11.55	11.40		
3	64QAM	1	14	11.66	11.62	11.11		
3	64QAM	8	0	11.68	11.63	11.43	13	0
3	64QAM	8	4	11.51	11.49	11.73		
3	64QAM	8	7	11.31	11.36	11.48		
3	64QAM	15	0	11.32	11.60	11.45		
3	256QAM	1	0	11.29	11.61	11.47	13	0
3	256QAM	1	8	11.37	11.71	11.38		
3	256QAM	1	14	11.70	11.42	11.03		
3	256QAM	8	0	11.59	11.66	11.26	13	0
3	256QAM	8	4	11.64	11.61	11.69		
3	256QAM	8	7	11.35	11.29	11.32		
3	256QAM	15	0	11.38	11.56	11.48		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	11.63	11.77	11.65	13	0
1.4	QPSK	1	3	11.43	11.55	11.58		
1.4	QPSK	1	5	11.23	11.41	11.30		
1.4	QPSK	3	0	11.45	11.66	11.56		
1.4	QPSK	3	1	11.47	11.53	11.62		
1.4	QPSK	3	3	11.42	11.59	11.55		
1.4	QPSK	6	0	11.40	11.65	11.60	13	0
1.4	16QAM	1	0	11.59	11.65	11.63	13	0
1.4	16QAM	1	3	11.41	11.43	11.36		
1.4	16QAM	1	5	11.34	11.43	11.46		
1.4	16QAM	3	0	11.36	11.42	11.55		
1.4	16QAM	3	1	11.40	11.45	11.53		
1.4	16QAM	3	3	11.22	11.27	11.67		
1.4	16QAM	6	0	11.25	11.73	11.47	13	0
1.4	64QAM	1	0	11.50	11.67	11.67	13	0
1.4	64QAM	1	3	11.25	11.72	11.43		
1.4	64QAM	1	5	11.57	11.48	11.23		
1.4	64QAM	3	0	11.67	11.53	11.37		
1.4	64QAM	3	1	11.69	11.50	11.63		
1.4	64QAM	3	3	11.37	11.38	11.58		
1.4	64QAM	6	0	11.43	11.53	11.60	13	0
1.4	256QAM	1	0	11.35	11.65	11.50	13	0
1.4	256QAM	1	3	11.35	11.68	11.43		
1.4	256QAM	1	5	11.52	11.46	11.32		
1.4	256QAM	3	0	11.51	11.68	11.35		
1.4	256QAM	3	1	11.62	11.63	11.57		
1.4	256QAM	3	3	11.45	11.33	11.48		
1.4	256QAM	6	0	11.24	11.52	11.63	13	0

Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.07	20.18	20.01		
20	QPSK	1	49	20.02	20.10	19.98	21	0
20	QPSK	1	99	20.00	20.15	19.99		
20	QPSK	50	0	20.04	20.16	20.01		
20	QPSK	50	24	20.00	20.00	19.96	21	0
20	QPSK	50	50	19.98	20.07	19.95		
20	QPSK	100	0	20.04	20.08	20.01		
20	16QAM	1	0	20.13	20.03	19.68		
20	16QAM	1	49	20.12	20.11	19.82	21	0
20	16QAM	1	99	20.15	20.09	20.11		
20	16QAM	50	0	19.99	19.98	19.76		
20	16QAM	50	24	20.04	20.08	19.85	21	0
20	16QAM	50	50	20.16	20.12	19.99		
20	16QAM	100	0	20.14	20.14	19.82		
20	64QAM	1	0	19.73	19.52	19.63		
20	64QAM	1	49	19.91	19.86	19.48	21	0
20	64QAM	1	99	19.84	19.96	19.80		
20	64QAM	50	0	20.02	19.91	19.71		
20	64QAM	50	24	20.01	20.04	19.78	21	0
20	64QAM	50	50	20.10	20.07	19.89		
20	64QAM	100	0	20.07	20.00	19.73		
20	256QAM	1	0	17.73	17.61	17.58		
20	256QAM	1	49	17.79	17.68	17.41	18.5	2.5
20	256QAM	1	99	17.53	17.53	17.32		
20	256QAM	50	0	18.03	17.91	17.81		
20	256QAM	50	24	17.98	17.70	17.78	18.5	2.5
20	256QAM	50	50	17.78	17.65	17.61		
20	256QAM	100	0	17.71	17.70	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.90	19.96	19.89		
15	QPSK	1	37	19.84	20.05	19.76	21	0
15	QPSK	1	74	19.96	19.98	19.77		
15	QPSK	36	0	19.84	20.12	19.81		
15	QPSK	36	20	19.85	19.94	19.82	21	0
15	QPSK	36	39	19.82	19.91	19.80		
15	QPSK	75	0	19.93	19.98	19.89		
15	16QAM	1	0	19.96	19.98	19.66		
15	16QAM	1	37	20.04	20.05	19.74	21	0
15	16QAM	1	74	20.12	19.95	19.98		
15	16QAM	36	0	19.89	19.76	19.68		
15	16QAM	36	20	20.02	19.92	19.77	21	0
15	16QAM	36	39	19.96	20.09	19.81		
15	16QAM	75	0	19.92	19.96	19.69		
15	64QAM	1	0	19.66	19.42	19.56		
15	64QAM	1	37	19.79	19.78	19.45	21	0
15	64QAM	1	74	19.62	19.92	19.66		
15	64QAM	36	0	19.81	19.88	19.53		
15	64QAM	36	20	19.87	19.93	19.70	21	0
15	64QAM	36	39	20.01	19.85	19.80		
15	64QAM	75	0	19.92	19.93	19.57		
15	256QAM	1	0	17.53	17.57	17.53		
15	256QAM	1	37	17.57	17.56	17.21	18.5	2.5
15	256QAM	1	74	17.45	17.34	17.22		
15	256QAM	36	0	17.97	17.75	17.71		
15	256QAM	36	20	17.79	17.53	17.69	18.5	2.5
15	256QAM	36	39	17.57	17.60	17.53		
15	256QAM	75	0	17.50	17.54	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.94	20.11	19.79		
10	QPSK	1	25	19.96	20.04	19.83	21	0
10	QPSK	1	49	19.88	20.05	19.83		
10	QPSK	25	0	19.88	20.05	19.99		
10	QPSK	25	12	19.98	19.97	19.76	21	0
10	QPSK	25	25	19.93	19.99	19.91		
10	QPSK	50	0	19.89	19.99	19.86		
10	16QAM	1	0	20.04	20.01	19.48		
10	16QAM	1	25	19.92	19.97	19.69	21	0
10	16QAM	1	49	20.00	19.91	20.02		
10	16QAM	25	0	19.94	19.87	19.60		
10	16QAM	25	12	19.93	19.94	19.74	21	0
10	16QAM	25	25	20.13	20.05	19.94		
10	16QAM	50	0	19.96	20.11	19.68		
10	64QAM	1	0	19.57	19.48	19.49		
10	64QAM	1	25	19.83	19.73	19.33	21	0
10	64QAM	1	49	19.69	19.82	19.62		
10	64QAM	25	0	19.82	19.77	19.49		
10	64QAM	25	12	19.85	19.84	19.63	21	0
10	64QAM	25	25	20.07	19.88	19.70		
10	64QAM	50	0	19.86	19.82	19.53		
10	256QAM	1	0	17.58	17.45	17.51		
10	256QAM	1	25	17.75	17.65	17.34	18.5	2.5
10	256QAM	1	49	17.42	17.44	17.10		
10	256QAM	25	0	17.93	17.83	17.64		
10	256QAM	25	12	17.79	17.51	17.65	18.5	2.5
10	256QAM	25	25	17.72	17.45	17.47		
10	256QAM	50	0	17.67	17.57	17.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.94	20.06	19.96		
5	QPSK	1	12	19.94	20.04	19.92	21	0
5	QPSK	1	24	19.84	20.01	19.90		
5	QPSK	12	0	19.94	19.98	19.83		
5	QPSK	12	7	19.84	19.80	19.79	21	0
5	QPSK	12	13	19.82	19.93	19.73		
5	QPSK	25	0	19.93	20.06	19.86		
5	16QAM	1	0	20.11	19.84	19.47		
5	16QAM	1	12	20.07	20.06	19.71	21	0
5	16QAM	1	24	20.09	20.03	19.96		
5	16QAM	12	0	19.78	19.79	19.73		
5	16QAM	12	7	19.87	19.91	19.73	21	0
5	16QAM	12	13	20.14	20.10	19.81		
5	16QAM	25	0	20.03	19.96	19.66		
5	64QAM	1	0	19.69	19.31	19.48		
5	64QAM	1	12	19.87	19.84	19.46	21	0
5	64QAM	1	24	19.79	19.78	19.58		
5	64QAM	12	0	19.85	19.76	19.69		
5	64QAM	12	7	19.81	19.88	19.76	21	0
5	64QAM	12	13	19.93	19.98	19.72		
5	64QAM	25	0	19.90	19.79	19.66		
5	256QAM	1	0	17.63	17.45	17.40		
5	256QAM	1	12	17.66	17.47	17.39	18.5	2.5
5	256QAM	1	24	17.37	17.45	17.25		
5	256QAM	12	0	17.90	17.71	17.69		
5	256QAM	12	7	17.83	17.67	17.65	18.5	2.5
5	256QAM	12	13	17.68	17.55	17.47		
5	256QAM	25	0	17.67	17.53	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.57	19.78	19.76		
20	QPSK	1	49	19.45	19.64	19.54	21	0
20	QPSK	1	99	19.55	19.71	19.67		
20	QPSK	50	0	19.45	19.76	19.59		
20	QPSK	50	24	19.55	19.57	19.51	21	0
20	QPSK	50	50	19.39	19.58	19.43		
20	QPSK	100	0	19.31	19.63	19.51		
20	16QAM	1	0	19.60	19.73	19.50		
20	16QAM	1	49	19.60	19.47	19.36	21	0
20	16QAM	1	99	19.68	19.37	19.32		
20	16QAM	50	0	19.71	19.74	19.52		
20	16QAM	50	24	19.66	19.50	19.43	21	0
20	16QAM	50	50	19.55	19.44	19.41		
20	16QAM	100	0	19.67	19.56	19.49		
20	64QAM	1	0	19.32	19.34	19.23		
20	64QAM	1	49	19.32	19.35	19.15	21	0
20	64QAM	1	99	19.18	19.04	19.05		
20	64QAM	50	0	19.72	19.66	19.64		
20	64QAM	50	24	19.65	19.57	19.46	21	0
20	64QAM	50	50	19.58	19.41	19.36		
20	64QAM	100	0	19.76	19.57	19.47		
20	256QAM	1	0	17.62	17.63	17.54		
20	256QAM	1	49	17.45	17.35	17.27	18.5	2.5
20	256QAM	1	99	17.49	17.35	17.33		
20	256QAM	50	0	17.84	17.66	17.55		
20	256QAM	50	24	17.69	17.57	17.64	18.5	2.5
20	256QAM	50	50	17.67	17.56	17.70		
20	256QAM	100	0	17.67	17.60	17.62		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.37	19.63	19.69		
15	QPSK	1	37	19.28	19.56	19.37	21	0
15	QPSK	1	74	19.52	19.66	19.62		
15	QPSK	36	0	19.24	19.71	19.41		
15	QPSK	36	20	19.34	19.39	19.43	21	0
15	QPSK	36	39	19.17	19.44	19.34		
15	QPSK	75	0	19.09	19.57	19.38		
15	16QAM	1	0	19.39	19.55	19.36		
15	16QAM	1	37	19.57	19.34	19.32	21	0
15	16QAM	1	74	19.64	19.32	19.14		
15	16QAM	36	0	19.55	19.57	19.33		
15	16QAM	36	20	19.63	19.32	19.29	21	0
15	16QAM	36	39	19.48	19.34	19.34		
15	16QAM	75	0	19.53	19.38	19.32		
15	64QAM	1	0	19.30	19.36	19.39		
15	64QAM	1	37	19.44	19.42	19.16	21	0
15	64QAM	1	74	19.35	19.13	19.10		
15	64QAM	36	0	19.52	19.58	19.62		
15	64QAM	36	20	19.61	19.47	19.40	21	0
15	64QAM	36	39	19.53	19.20	19.17		
15	64QAM	75	0	19.67	19.42	19.36		
15	256QAM	1	0	17.60	17.59	17.46		
15	256QAM	1	37	17.39	17.18	17.06	18.5	2.5
15	256QAM	1	74	17.37	17.22	17.18		
15	256QAM	36	0	17.79	17.57	17.42		
15	256QAM	36	20	17.52	17.38	17.48	18.5	2.5
15	256QAM	36	39	17.61	17.45	17.51		
15	256QAM	75	0	17.48	17.39	17.40		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.35	19.68	19.54		
10	QPSK	1	25	19.33	19.61	19.47	21	0
10	QPSK	1	49	19.48	19.62	19.56		
10	QPSK	25	0	19.42	19.57	19.57		
10	QPSK	25	12	19.34	19.44	19.34	21	0
10	QPSK	25	25	19.33	19.43	19.35		
10	QPSK	50	0	19.24	19.47	19.29		
10	16QAM	1	0	19.47	19.67	19.40		
10	16QAM	1	25	19.46	19.44	19.29	21	0
10	16QAM	1	49	19.56	19.31	19.23		
10	16QAM	25	0	19.50	19.68	19.37		
10	16QAM	25	12	19.53	19.47	19.28	21	0
10	16QAM	25	25	19.46	19.39	19.28		
10	16QAM	50	0	19.54	19.36	19.28		
10	64QAM	1	0	19.39	19.50	19.35		
10	64QAM	1	25	19.50	19.34	19.29	21	0
10	64QAM	1	49	19.35	19.08	19.21		
10	64QAM	25	0	19.55	19.63	19.60		
10	64QAM	25	12	19.49	19.39	19.42	21	0
10	64QAM	25	25	19.52	19.37	19.24		
10	64QAM	50	0	19.58	19.46	19.35		
10	256QAM	1	0	17.41	17.59	17.51		
10	256QAM	1	25	17.38	17.16	17.22	18.5	2.5
10	256QAM	1	49	17.38	17.13	17.18		
10	256QAM	25	0	17.80	17.58	17.39		
10	256QAM	25	12	17.59	17.54	17.51	18.5	2.5
10	256QAM	25	25	17.59	17.40	17.52		
10	256QAM	50	0	17.62	17.44	17.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.46	19.62	19.57		
5	QPSK	1	12	19.38	19.44	19.36	21	0
5	QPSK	1	24	19.33	19.50	19.62		
5	QPSK	12	0	19.40	19.62	19.37		
5	QPSK	12	7	19.43	19.43	19.33	21	0
5	QPSK	12	13	19.24	19.45	19.34		
5	QPSK	25	0	19.18	19.58	19.41		
5	16QAM	1	0	19.43	19.69	19.43		
5	16QAM	1	12	19.44	19.44	19.14	21	0
5	16QAM	1	24	19.50	19.31	19.23		
5	16QAM	12	0	19.64	19.70	19.33		
5	16QAM	12	7	19.48	19.45	19.40	21	0
5	16QAM	12	13	19.37	19.36	19.26		
5	16QAM	25	0	19.45	19.36	19.28		
5	64QAM	1	0	19.49	19.45	19.26		
5	64QAM	1	12	19.47	19.44	19.14	21	0
5	64QAM	1	24	19.22	19.15	19.18		
5	64QAM	12	0	19.56	19.63	19.55		
5	64QAM	12	7	19.43	19.51	19.39	21	0
5	64QAM	12	13	19.49	19.28	19.33		
5	64QAM	25	0	19.62	19.52	19.44		
5	256QAM	1	0	17.41	17.61	17.51		
5	256QAM	1	12	17.38	17.24	17.08	18.5	2.5
5	256QAM	1	24	17.38	17.19	17.13		
5	256QAM	12	0	17.76	17.45	17.35		
5	256QAM	12	7	17.55	17.41	17.43	18.5	2.5
5	256QAM	12	13	17.59	17.53	17.50		
5	256QAM	25	0	17.53	17.42	17.41		

Band 38_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.98	17.13	17.02	18	0
20	QPSK	1	49	16.83	16.97	16.94		
20	QPSK	1	99	16.85	17.06	17.01		
20	QPSK	50	0	16.87	17.1	17.02	18	0
20	QPSK	50	24	16.86	16.92	16.87		
20	QPSK	50	50	16.82	16.98	16.85		
20	QPSK	100	0	16.9	17.08	16.95		
20	16QAM	1	0	17.1	17.01	16.61	18	0
20	16QAM	1	49	17	17.07	16.7		
20	16QAM	1	99	17.05	17.04	17.06		
20	16QAM	50	0	16.97	16.96	16.62	18	0
20	16QAM	50	24	17	16.95	16.78		
20	16QAM	50	50	17.05	16.98	16.81		
20	16QAM	100	0	17.02	16.96	16.8		
20	64QAM	1	0	16.72	16.49	16.46	18	0
20	64QAM	1	49	16.91	16.73	16.7		
20	64QAM	1	99	16.83	16.95	16.73		
20	64QAM	50	0	17.01	16.74	16.72	18	0
20	64QAM	50	24	16.98	16.92	16.7		
20	64QAM	50	50	16.94	16.93	16.78		
20	64QAM	100	0	16.91	16.95	16.66		
20	256QAM	1	0	16.52	16.68	16.37	18	0
20	256QAM	1	49	16.78	16.55	16.61		
20	256QAM	1	99	16.74	16.59	16.50		
20	256QAM	50	0	16.87	16.77	16.55	18	0
20	256QAM	50	24	16.76	16.72	16.56		
20	256QAM	50	50	16.76	16.72	16.71		
20	256QAM	100	0	16.85	16.58	16.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.94	17.02	16.85	18	0
15	QPSK	1	37	16.63	16.87	16.84		
15	QPSK	1	74	16.70	16.90	16.99		
15	QPSK	36	0	16.78	16.96	16.85	18	0
15	QPSK	36	20	16.65	16.72	16.84		
15	QPSK	36	39	16.73	16.87	16.74		
15	QPSK	75	0	16.87	17.04	16.77		
15	16QAM	1	0	17.00	16.95	16.61	18	0
15	16QAM	1	37	17.02	17.06	16.53		
15	16QAM	1	74	17.02	17.02	17.02		
15	16QAM	36	0	16.78	16.94	16.59	18	0
15	16QAM	36	20	16.97	16.82	16.65		
15	16QAM	36	39	16.93	16.92	16.74		
15	16QAM	75	0	16.87	16.87	16.67		
15	64QAM	1	0	16.63	16.45	16.36	18	0
15	64QAM	1	37	16.80	16.52	16.52		
15	64QAM	1	74	16.70	16.93	16.69		
15	64QAM	36	0	16.93	16.73	16.68	18	0
15	64QAM	36	20	16.86	16.71	16.58		
15	64QAM	36	39	16.78	16.74	16.63		
15	64QAM	75	0	16.71	16.76	16.61		
15	256QAM	1	0	16.35	16.50	16.16	18	0
15	256QAM	1	37	16.75	16.49	16.54		
15	256QAM	1	74	16.70	16.39	16.33		
15	256QAM	36	0	16.83	16.70	16.35	18	0
15	256QAM	36	20	16.60	16.56	16.55		
15	256QAM	36	39	16.65	16.51	16.54		
15	256QAM	75	0	16.69	16.52	16.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.78	17.10	16.84	18	0
10	QPSK	1	25	16.78	16.76	16.75		
10	QPSK	1	49	16.65	17.00	17.00		
10	QPSK	25	0	16.66	16.89	16.91	18	0
10	QPSK	25	12	16.80	16.80	16.72		
10	QPSK	25	25	16.76	16.91	16.80		
10	QPSK	50	0	16.77	17.07	16.74		
10	16QAM	1	0	17.03	16.84	16.54	18	0
10	16QAM	1	25	16.91	16.95	16.57		
10	16QAM	1	49	16.89	16.85	16.90		
10	16QAM	25	0	16.77	16.90	16.59	18	0
10	16QAM	25	12	16.79	16.76	16.72		
10	16QAM	25	25	16.98	16.87	16.74		
10	16QAM	50	0	16.83	16.94	16.66		
10	64QAM	1	0	16.68	16.44	16.30	18	0
10	64QAM	1	25	16.80	16.66	16.61		
10	64QAM	1	49	16.65	16.78	16.69		
10	64QAM	25	0	16.89	16.56	16.54	18	0
10	64QAM	25	12	16.94	16.88	16.59		
10	64QAM	25	25	16.88	16.87	16.75		
10	64QAM	50	0	16.70	16.81	16.64		
10	256QAM	1	0	16.36	16.50	16.24	18	0
10	256QAM	1	25	16.57	16.46	16.60		
10	256QAM	1	49	16.71	16.50	16.39		
10	256QAM	25	0	16.82	16.69	16.38	18	0
10	256QAM	25	12	16.70	16.52	16.39		
10	256QAM	25	25	16.65	16.54	16.53		
10	256QAM	50	0	16.77	16.40	16.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.82	16.97	16.95	18	0
5	QPSK	1	12	16.74	16.95	16.75		
5	QPSK	1	24	16.74	17.05	16.96		
5	QPSK	12	0	16.79	16.98	16.83	18	0
5	QPSK	12	7	16.80	16.77	16.68		
5	QPSK	12	13	16.74	16.90	16.75		
5	QPSK	25	0	16.76	17.05	16.79		
5	16QAM	1	0	17.01	17.00	16.52	18	0
5	16QAM	1	12	16.98	17.04	16.54		
5	16QAM	1	24	16.99	17.03	17.00		
5	16QAM	12	0	16.87	16.90	16.51	18	0
5	16QAM	12	7	16.97	16.87	16.75		
5	16QAM	12	13	16.98	16.79	16.80		
5	16QAM	25	0	16.87	16.88	16.63		
5	64QAM	1	0	16.71	16.44	16.43	18	0
5	64QAM	1	12	16.85	16.57	16.57		
5	64QAM	1	24	16.75	16.75	16.60		
5	64QAM	12	0	16.87	16.58	16.66	18	0
5	64QAM	12	7	16.94	16.78	16.56		
5	64QAM	12	13	16.73	16.73	16.73		
5	64QAM	25	0	16.83	16.78	16.46		
5	256QAM	1	0	16.43	16.58	16.16	18	0
5	256QAM	1	12	16.63	16.43	16.51		
5	256QAM	1	24	16.59	16.47	16.32		
5	256QAM	12	0	16.82	16.70	16.48	18	0
5	256QAM	12	7	16.67	16.69	16.50		
5	256QAM	12	13	16.74	16.62	16.59		
5	256QAM	25	0	16.81	16.57	16.28		

Reduced Power Mode for Hotspot on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.75	30.83	30.84	32.00	21.75	21.83	21.84	23.00
GPRS 1 Tx slot	30.70	30.81	30.82	32.00	21.70	21.81	21.82	23.00
GPRS 2 Tx slots	28.21	28.72	28.43	29.50	22.21	22.72	22.43	23.50
GPRS 3 Tx slots	26.56	26.30	25.93	27.00	22.30	22.04	21.67	22.74
GPRS 4 Tx slots	24.00	23.65	24.16	25.00	21.00	20.65	21.16	22.00
EDGE 1 Tx slot	24.46	24.12	24.13	25.00	15.46	15.12	15.13	16.00
EDGE 2 Tx slots	22.34	21.96	22.08	23.00	16.34	15.96	16.08	17.00
EDGE 3 Tx slots	19.97	19.77	19.76	21.00	15.71	15.51	15.50	16.74
EDGE 4 Tx slots	17.52	17.39	17.35	18.50	14.52	14.39	14.35	15.50

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.07	24.14	24.35	25.50	15.07	15.14	15.35	16.50
GPRS 1 Tx slot	24.05	24.10	24.33	25.50	15.05	15.10	15.33	16.50
GPRS 2 Tx slots	21.92	21.79	21.86	23.00	15.92	15.79	15.86	17.00
GPRS 3 Tx slots	19.68	19.64	19.89	20.50	15.42	15.38	15.63	16.24
GPRS 4 Tx slots	17.45	17.31	17.58	18.50	14.45	14.31	14.58	15.50
EDGE 1 Tx slot	20.05	19.98	20.01	21.00	11.05	10.98	11.01	12.00
EDGE 2 Tx slots	18.18	18.07	18.29	19.00	12.18	12.07	12.29	13.00
EDGE 3 Tx slots	16.10	15.98	16.20	17.00	11.84	11.72	11.94	12.74
EDGE 4 Tx slots	13.89	13.62	13.84	14.50	10.89	10.62	10.84	11.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	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	16.26	16.24	16.21	17.50	14.51	14.42	14.09	15.50	21.33	21.35	21.30	22.50
3GPP Rel 99	RMC 12.2Kbps	16.33	16.28	16.26	17.50	14.55	14.46	14.13	15.50	21.39	21.41	21.36	22.50
3GPP Rel 6	HSDPA Subtest-1	15.35	15.27	15.21	16.50	13.53	13.50	13.23	14.50	20.44	20.41	20.32	21.50
3GPP Rel 6	HSDPA Subtest-2	15.31	15.27	15.21	16.50	13.56	13.41	13.18	14.50	20.40	20.42	20.33	21.50
3GPP Rel 6	HSDPA Subtest-3	14.83	14.78	14.74	16.00	12.86	13.02	12.90	14.00	19.92	19.93	19.87	21.00
3GPP Rel 6	HSDPA Subtest-4	14.82	14.75	14.81	16.00	12.83	13.04	12.64	14.00	19.95	19.92	19.83	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.38	15.29	15.16	16.50	13.22	13.52	13.21	14.50	20.30	20.34	20.23	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.16	15.31	15.25	16.50	13.41	13.27	13.18	14.50	20.36	20.31	20.19	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.73	14.69	14.76	16.00	13.12	13.09	12.62	14.00	19.85	19.87	19.92	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.70	14.72	14.82	16.00	13.02	12.70	12.57	14.00	19.84	19.80	19.77	21.00
3GPP Rel 6	HSUPA Subtest-1	15.57	15.32	15.29	16.50	13.43	13.38	13.28	14.50	20.37	20.36	20.33	21.50
3GPP Rel 6	HSUPA Subtest-2	13.57	13.42	13.43	14.50	11.31	11.47	11.05	12.50	18.38	18.38	18.31	19.50
3GPP Rel 6	HSUPA Subtest-3	14.39	14.33	14.28	15.50	12.19	12.20	12.02	13.50	19.41	19.39	19.32	20.50
3GPP Rel 6	HSUPA Subtest-4	13.54	13.38	13.36	14.50	11.29	11.36	11.22	12.50	18.38	18.37	18.32	19.50
3GPP Rel 6	HSUPA Subtest-5	15.42	15.31	15.30	16.50	13.28	13.31	13.19	14.50	20.40	20.40	20.30	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.45	13.31	13.27	14.00	11.33	11.32	10.88	12.00	18.32	18.29	18.18	19.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.73	16.76	16.71	18	0
20	QPSK	1	49	16.62	16.71	16.51		
20	QPSK	1	99	16.65	16.71	16.61		
20	QPSK	50	0	16.68	16.74	16.61	18	0
20	QPSK	50	24	16.62	16.72	16.58		
20	QPSK	50	50	16.61	16.67	16.6		
20	QPSK	100	0	16.69	16.71	16.6		
20	16QAM	1	0	16.38	16.73	16.43	18	0
20	16QAM	1	49	16.36	16.68	16.55		
20	16QAM	1	99	16.47	16.52	16.29		
20	16QAM	50	0	16.59	16.61	16.38	18	0
20	16QAM	50	24	16.63	16.56	16.41		
20	16QAM	50	50	16.43	16.48	16.39		
20	16QAM	100	0	16.6	16.52	16.58		
20	64QAM	1	0	16.49	16.44	16.71	18	0
20	64QAM	1	49	16.45	16.69	16.35		
20	64QAM	1	99	16.52	16.67	16.51		
20	64QAM	50	0	16.52	16.68	16.53	18	0
20	64QAM	50	24	16.6	16.48	16.58		
20	64QAM	50	50	16.42	16.54	16.35		
20	64QAM	100	0	16.63	16.55	16.54		
20	256QAM	1	0	16.33	16.46	16.57	18	0
20	256QAM	1	49	16.37	16.65	16.22		
20	256QAM	1	99	16.54	16.66	16.43		
20	256QAM	50	0	16.46	16.59	16.51	18	0
20	256QAM	50	24	16.51	16.47	16.45		
20	256QAM	50	50	16.31	16.53	16.25		
20	256QAM	100	0	16.63	16.49	16.36		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.63	16.68	16.54	18	0
15	QPSK	1	37	16.46	16.62	16.50		
15	QPSK	1	74	16.65	16.54	16.55		
15	QPSK	36	0	16.55	16.66	16.41	18	0
15	QPSK	36	20	16.53	16.59	16.54		
15	QPSK	36	39	16.54	16.61	16.42		
15	QPSK	75	0	16.54	16.53	16.56		
15	16QAM	1	0	16.24	16.56	16.32	18	0
15	16QAM	1	37	16.34	16.60	16.43		
15	16QAM	1	74	16.34	16.47	16.25		
15	16QAM	36	0	16.41	16.44	16.19	18	0
15	16QAM	36	20	16.55	16.47	16.30		
15	16QAM	36	39	16.30	16.48	16.34		
15	16QAM	75	0	16.54	16.51	16.50		
15	64QAM	1	0	16.34	16.26	16.69	18	0
15	64QAM	1	37	16.39	16.58	16.17		
15	64QAM	1	74	16.40	16.50	16.36		
15	64QAM	36	0	16.48	16.56	16.51	18	0
15	64QAM	36	20	16.49	16.35	16.40		
15	64QAM	36	39	16.24	16.39	16.15		
15	64QAM	75	0	16.60	16.35	16.34		
15	256QAM	1	0	16.31	16.41	16.48	18	0
15	256QAM	1	37	16.24	16.54	16.09		
15	256QAM	1	74	16.46	16.66	16.34		
15	256QAM	36	0	16.34	16.59	16.41	18	0
15	256QAM	36	20	16.37	16.44	16.31		
15	256QAM	36	39	16.31	16.36	16.15		
15	256QAM	75	0	16.60	16.41	16.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.56	16.75	16.66	18	0
10	QPSK	1	25	16.58	16.51	16.48		
10	QPSK	1	49	16.49	16.65	16.45		
10	QPSK	25	0	16.63	16.71	16.59	18	0
10	QPSK	25	12	16.54	16.63	16.58		
10	QPSK	25	25	16.57	16.67	16.45		
10	QPSK	50	0	16.59	16.58	16.52		
10	16QAM	1	0	16.24	16.71	16.39	18	0
10	16QAM	1	25	16.26	16.59	16.35		
10	16QAM	1	49	16.40	16.46	16.24		
10	16QAM	25	0	16.46	16.47	16.18	18	0
10	16QAM	25	12	16.45	16.36	16.28		
10	16QAM	25	25	16.33	16.47	16.33		
10	16QAM	50	0	16.46	16.44	16.39		
10	64QAM	1	0	16.43	16.37	16.71	18	0
10	64QAM	1	25	16.44	16.69	16.15		
10	64QAM	1	49	16.52	16.54	16.43		
10	64QAM	25	0	16.41	16.58	16.46	18	0
10	64QAM	25	12	16.48	16.43	16.55		
10	64QAM	25	25	16.31	16.44	16.15		
10	64QAM	50	0	16.61	16.49	16.50		
10	256QAM	1	0	16.18	16.40	16.53	18	0
10	256QAM	1	25	16.32	16.45	16.10		
10	256QAM	1	49	16.42	16.61	16.40		
10	256QAM	25	0	16.32	16.50	16.47	18	0
10	256QAM	25	12	16.45	16.37	16.39		
10	256QAM	25	25	16.26	16.51	16.06		
10	256QAM	50	0	16.58	16.47	16.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.59	16.59	16.64	18	0
5	QPSK	1	12	16.42	16.59	16.34		
5	QPSK	1	24	16.57	16.64	16.45		
5	QPSK	12	0	16.65	16.54	16.50	18	0
5	QPSK	12	7	16.49	16.52	16.57		
5	QPSK	12	13	16.44	16.51	16.47		
5	QPSK	25	0	16.61	16.60	16.42		
5	16QAM	1	0	16.18	16.72	16.33	18	0
5	16QAM	1	12	16.31	16.48	16.48		
5	16QAM	1	24	16.32	16.43	16.24		
5	16QAM	12	0	16.55	16.59	16.22	18	0
5	16QAM	12	7	16.60	16.54	16.36		
5	16QAM	12	13	16.37	16.37	16.22		
5	16QAM	25	0	16.46	16.32	16.42		
5	64QAM	1	0	16.48	16.35	16.68	18	0
5	64QAM	1	12	16.40	16.60	16.35		
5	64QAM	1	24	16.49	16.59	16.46		
5	64QAM	12	0	16.42	16.60	16.46	18	0
5	64QAM	12	7	16.47	16.28	16.48		
5	64QAM	12	13	16.28	16.38	16.21		
5	64QAM	25	0	16.63	16.50	16.35		
5	256QAM	1	0	16.27	16.31	16.39	18	0
5	256QAM	1	12	16.18	16.52	16.02		
5	256QAM	1	24	16.35	16.53	16.40		
5	256QAM	12	0	16.31	16.54	16.34	18	0
5	256QAM	12	7	16.51	16.36	16.36		
5	256QAM	12	13	16.30	16.33	16.06		
5	256QAM	25	0	16.55	16.44	16.20		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.73	16.66	16.64	18	0
3	QPSK	1	8	16.54	16.56	16.34		
3	QPSK	1	14	16.50	16.67	16.59		
3	QPSK	8	0	16.52	16.66	16.61	18	0
3	QPSK	8	4	16.50	16.69	16.58		
3	QPSK	8	7	16.43	16.58	16.42		
3	QPSK	15	0	16.54	16.61	16.44		
3	16QAM	1	0	16.29	16.66	16.38	18	0
3	16QAM	1	8	16.31	16.57	16.49		
3	16QAM	1	14	16.35	16.32	16.10		
3	16QAM	8	0	16.58	16.57	16.20	18	0
3	16QAM	8	4	16.60	16.44	16.36		
3	16QAM	8	7	16.36	16.33	16.32		
3	16QAM	15	0	16.42	16.35	16.41		
3	64QAM	1	0	16.38	16.27	16.70	18	0
3	64QAM	1	8	16.44	16.67	16.18		
3	64QAM	1	14	16.39	16.67	16.43		
3	64QAM	8	0	16.39	16.54	16.35	18	0
3	64QAM	8	4	16.59	16.46	16.45		
3	64QAM	8	7	16.23	16.52	16.18		
3	64QAM	15	0	16.47	16.48	16.35		
3	256QAM	1	0	16.28	16.35	16.54	18	0
3	256QAM	1	8	16.36	16.59	16.20		
3	256QAM	1	14	16.37	16.58	16.32		
3	256QAM	8	0	16.40	16.43	16.48	18	0
3	256QAM	8	4	16.33	16.44	16.35		
3	256QAM	8	7	16.13	16.33	16.18		
3	256QAM	15	0	16.53	16.34	16.32		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.70	16.68	16.62	18	0
1.4	QPSK	1	3	16.62	16.68	16.32		
1.4	QPSK	1	5	16.49	16.59	16.54		
1.4	QPSK	3	0	16.54	16.70	16.50		
1.4	QPSK	3	1	16.57	16.64	16.54		
1.4	QPSK	3	3	16.58	16.51	16.44		
1.4	QPSK	6	0	16.55	16.63	16.52	18	0
1.4	16QAM	1	0	16.38	16.70	16.40	18	0
1.4	16QAM	1	3	16.24	16.58	16.37		
1.4	16QAM	1	5	16.37	16.37	16.15		
1.4	16QAM	3	0	16.53	16.47	16.38		
1.4	16QAM	3	1	16.61	16.38	16.22		
1.4	16QAM	3	3	16.35	16.48	16.19		
1.4	16QAM	6	0	16.57	16.39	16.51	18	0
1.4	64QAM	1	0	16.37	16.31	16.52	18	0
1.4	64QAM	1	3	16.42	16.60	16.25		
1.4	64QAM	1	5	16.51	16.58	16.47		
1.4	64QAM	3	0	16.36	16.48	16.46		
1.4	64QAM	3	1	16.43	16.37	16.50		
1.4	64QAM	3	3	16.29	16.52	16.29		
1.4	64QAM	6	0	16.58	16.46	16.34	18	0
1.4	256QAM	1	0	16.32	16.32	16.39	18	0
1.4	256QAM	1	3	16.24	16.51	16.12		
1.4	256QAM	1	5	16.53	16.48	16.31		
1.4	256QAM	3	0	16.30	16.43	16.49		
1.4	256QAM	3	1	16.47	16.33	16.35		
1.4	256QAM	3	3	16.25	16.38	16.16		
1.4	256QAM	6	0	16.56	16.33	16.36	18	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.72	14.64	14.69	16	0
20	QPSK	1	49	14.60	14.46	14.50		
20	QPSK	1	99	14.43	14.40	14.36		
20	QPSK	50	0	14.65	14.55	14.61	16	0
20	QPSK	50	24	14.63	14.60	14.53		
20	QPSK	50	50	14.57	14.52	14.59		
20	QPSK	100	0	14.63	14.50	14.43		
20	16QAM	1	0	14.63	14.61	14.52	16	0
20	16QAM	1	49	14.61	14.63	14.59		
20	16QAM	1	99	14.49	14.33	14.25		
20	16QAM	50	0	14.47	14.45	14.50	16	0
20	16QAM	50	24	14.47	14.56	14.39		
20	16QAM	50	50	14.35	14.26	14.43		
20	16QAM	100	0	14.28	14.47	14.59		
20	64QAM	1	0	14.56	14.63	14.57	16	0
20	64QAM	1	49	14.40	14.55	14.44		
20	64QAM	1	99	14.63	14.63	14.57		
20	64QAM	50	0	14.57	14.45	14.63	16	0
20	64QAM	50	24	14.56	14.59	14.54		
20	64QAM	50	50	14.54	14.61	14.65		
20	64QAM	100	0	14.55	14.58	14.58		
20	256QAM	1	0	14.30	14.56	14.58	16	0
20	256QAM	1	49	14.39	14.64	14.48		
20	256QAM	1	99	14.34	14.55	14.19		
20	256QAM	50	0	14.43	14.53	14.41	16	0
20	256QAM	50	24	14.36	14.42	14.65		
20	256QAM	50	50	14.28	14.54	14.68		
20	256QAM	100	0	14.38	14.69	14.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.53	14.56	14.62	16	0
15	QPSK	1	37	14.54	14.46	14.35		
15	QPSK	1	74	14.24	14.39	14.20		
15	QPSK	36	0	14.54	14.42	14.46	16	0
15	QPSK	36	20	14.53	14.41	14.38		
15	QPSK	36	39	14.44	14.35	14.40		
15	QPSK	75	0	14.53	14.39	14.24		
15	16QAM	1	0	14.55	14.51	14.44	16	0
15	16QAM	1	37	14.61	14.49	14.58		
15	16QAM	1	74	14.47	14.23	14.24		
15	16QAM	36	0	14.39	14.43	14.47	16	0
15	16QAM	36	20	14.42	14.53	14.32		
15	16QAM	36	39	14.17	14.16	14.25		
15	16QAM	75	0	14.11	14.44	14.44		
15	64QAM	1	0	14.56	14.44	14.38	16	0
15	64QAM	1	37	14.40	14.55	14.38		
15	64QAM	1	74	14.52	14.48	14.53		
15	64QAM	36	0	14.57	14.38	14.46	16	0
15	64QAM	36	20	14.45	14.59	14.39		
15	64QAM	36	39	14.48	14.60	14.52		
15	64QAM	75	0	14.46	14.50	14.55		
15	256QAM	1	0	14.28	14.37	14.39	16	0
15	256QAM	1	37	14.27	14.63	14.32		
15	256QAM	1	74	14.31	14.46	14.03		
15	256QAM	36	0	14.41	14.43	14.39	16	0
15	256QAM	36	20	14.16	14.30	14.63		
15	256QAM	36	39	14.27	14.44	14.62		
15	256QAM	75	0	14.33	14.53	14.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.60	14.55	14.58	16	0
10	QPSK	1	25	14.50	14.38	14.33		
10	QPSK	1	49	14.39	14.26	14.17		
10	QPSK	25	0	14.57	14.54	14.61	16	0
10	QPSK	25	12	14.50	14.46	14.38		
10	QPSK	25	25	14.54	14.50	14.56		
10	QPSK	50	0	14.61	14.50	14.24		
10	16QAM	1	0	14.45	14.58	14.35	16	0
10	16QAM	1	25	14.58	14.50	14.44		
10	16QAM	1	49	14.47	14.29	14.22		
10	16QAM	25	0	14.29	14.44	14.34	16	0
10	16QAM	25	12	14.34	14.37	14.21		
10	16QAM	25	25	14.22	14.18	14.24		
10	16QAM	50	0	14.22	14.44	14.58		
10	64QAM	1	0	14.49	14.46	14.57	16	0
10	64QAM	1	25	14.21	14.37	14.42		
10	64QAM	1	49	14.59	14.48	14.37		
10	64QAM	25	0	14.54	14.25	14.60	16	0
10	64QAM	25	12	14.54	14.49	14.45		
10	64QAM	25	25	14.48	14.61	14.59		
10	64QAM	50	0	14.49	14.38	14.41		
10	256QAM	1	0	14.18	14.53	14.58	16	0
10	256QAM	1	25	14.39	14.62	14.47		
10	256QAM	1	49	14.15	14.42	14.08		
10	256QAM	25	0	14.36	14.48	14.21	16	0
10	256QAM	25	12	14.18	14.24	14.54		
10	256QAM	25	25	14.12	14.36	14.66		
10	256QAM	50	0	14.30	14.52	14.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.56	14.51	14.57	16	0
5	QPSK	1	12	14.47	14.39	14.37		
5	QPSK	1	24	14.31	14.35	14.36		
5	QPSK	12	0	14.61	14.54	14.54	16	0
5	QPSK	12	7	14.58	14.49	14.49		
5	QPSK	12	13	14.43	14.34	14.50		
5	QPSK	25	0	14.45	14.44	14.38		
5	16QAM	1	0	14.51	14.49	14.45	16	0
5	16QAM	1	12	14.47	14.48	14.58		
5	16QAM	1	24	14.34	14.29	14.13		
5	16QAM	12	0	14.31	14.35	14.49	16	0
5	16QAM	12	7	14.41	14.49	14.38		
5	16QAM	12	13	14.27	14.20	14.35		
5	16QAM	25	0	14.19	14.27	14.52		
5	64QAM	1	0	14.43	14.54	14.55	16	0
5	64QAM	1	12	14.21	14.55	14.25		
5	64QAM	1	24	14.63	14.49	14.40		
5	64QAM	12	0	14.56	14.30	14.44	16	0
5	64QAM	12	7	14.48	14.43	14.48		
5	64QAM	12	13	14.43	14.57	14.61		
5	64QAM	25	0	14.35	14.43	14.48		
5	256QAM	1	0	14.16	14.43	14.38	16	0
5	256QAM	1	12	14.38	14.60	14.44		
5	256QAM	1	24	14.34	14.55	14.16		
5	256QAM	12	0	14.32	14.41	14.31	16	0
5	256QAM	12	7	14.23	14.39	14.47		
5	256QAM	12	13	14.18	14.42	14.50		
5	256QAM	25	0	14.37	14.66	14.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.62	14.59	14.65	16	0
3	QPSK	1	8	14.42	14.29	14.35		
3	QPSK	1	14	14.30	14.32	14.34		
3	QPSK	8	0	14.54	14.52	14.46	16	0
3	QPSK	8	4	14.55	14.51	14.34		
3	QPSK	8	7	14.56	14.47	14.48		
3	QPSK	15	0	14.52	14.35	14.41		
3	16QAM	1	0	14.43	14.57	14.46	16	0
3	16QAM	1	8	14.42	14.46	14.52		
3	16QAM	1	14	14.41	14.21	14.22		
3	16QAM	8	0	14.34	14.30	14.45	16	0
3	16QAM	8	4	14.45	14.54	14.37		
3	16QAM	8	7	14.30	14.16	14.32		
3	16QAM	15	0	14.10	14.31	14.53		
3	64QAM	1	0	14.38	14.52	14.52	16	0
3	64QAM	1	8	14.37	14.49	14.44		
3	64QAM	1	14	14.48	14.60	14.43		
3	64QAM	8	0	14.53	14.38	14.43	16	0
3	64QAM	8	4	14.36	14.50	14.40		
3	64QAM	8	7	14.47	14.44	14.53		
3	64QAM	15	0	14.36	14.47	14.42		
3	256QAM	1	0	14.28	14.45	14.53	16	0
3	256QAM	1	8	14.23	14.60	14.29		
3	256QAM	1	14	14.28	14.36	14.18		
3	256QAM	8	0	14.40	14.46	14.34	16	0
3	256QAM	8	4	14.30	14.28	14.49		
3	256QAM	8	7	14.14	14.53	14.54		
3	256QAM	15	0	14.29	14.69	14.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.58	14.55	14.49	16	0
1.4	QPSK	1	3	14.46	14.36	14.35		
1.4	QPSK	1	5	14.30	14.37	14.19		
1.4	QPSK	3	0	14.57	14.55	14.43		
1.4	QPSK	3	1	14.61	14.42	14.48		
1.4	QPSK	3	3	14.52	14.46	14.43		
1.4	QPSK	6	0	14.45	14.43	14.24	16	0
1.4	16QAM	1	0	14.43	14.53	14.43	16	0
1.4	16QAM	1	3	14.48	14.62	14.41		
1.4	16QAM	1	5	14.42	14.18	14.09		
1.4	16QAM	3	0	14.42	14.25	14.42		
1.4	16QAM	3	1	14.39	14.51	14.21		
1.4	16QAM	3	3	14.21	14.14	14.41		
1.4	16QAM	6	0	14.22	14.46	14.49	16	0
1.4	64QAM	1	0	14.54	14.57	14.55	16	0
1.4	64QAM	1	3	14.24	14.51	14.37		
1.4	64QAM	1	5	14.44	14.62	14.46		
1.4	64QAM	3	0	14.51	14.38	14.57		
1.4	64QAM	3	1	14.40	14.53	14.54		
1.4	64QAM	3	3	14.37	14.59	14.64		
1.4	64QAM	6	0	14.46	14.40	14.49	16	0
1.4	256QAM	1	0	14.22	14.53	14.45	16	0
1.4	256QAM	1	3	14.35	14.59	14.30		
1.4	256QAM	1	5	14.23	14.43	14.13		
1.4	256QAM	3	0	14.32	14.53	14.26		
1.4	256QAM	3	1	14.32	14.38	14.62		
1.4	256QAM	3	3	14.19	14.40	14.61		
1.4	256QAM	6	0	14.23	14.63	14.64	16	0

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.32	21.24	21.21	22.5	0
10	QPSK	1	25	21.25	21.31	21.24		
10	QPSK	1	49	21.19	21.25	21.23		
10	QPSK	25	0	21.31	21.28	21.29	22.5	0
10	QPSK	25	12	21.28	21.23	21.23		
10	QPSK	25	25	21.23	21.23	21.25		
10	QPSK	50	0	21.27	21.24	21.25		
10	16QAM	1	0	21.26	21.23	21.14	22.5	0
10	16QAM	1	25	21.1	21.14	21.22		
10	16QAM	1	49	21.24	21.25	21.18		
10	16QAM	25	0	20.79	20.9	20.87	22	0.5
10	16QAM	25	12	20.92	20.94	20.88		
10	16QAM	25	25	20.88	20.95	20.89		
10	16QAM	50	0	20.98	20.86	20.92		
10	64QAM	1	0	20.86	21.12	21.08	22	0.5
10	64QAM	1	25	21.02	20.93	21.14		
10	64QAM	1	49	21.26	21.03	21.21		
10	64QAM	25	0	19.88	19.94	19.98	21	1.5
10	64QAM	25	12	19.94	19.93	20.05		
10	64QAM	25	25	19.99	19.96	19.95		
10	64QAM	50	0	19.94	19.88	19.92		
10	256QAM	1	0	17.83	17.59	17.68	18.5	4
10	256QAM	1	25	17.63	17.44	17.51		
10	256QAM	1	49	17.56	17.74	17.45		
10	256QAM	25	0	17.39	17.54	17.37	18.5	4
10	256QAM	25	12	17.54	17.49	17.33		
10	256QAM	25	25	17.62	17.61	17.58		
10	256QAM	50	0	17.54	17.58	17.54		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.18	21.15	21.02	22.5	0
5	QPSK	1	12	21.19	21.31	21.13		
5	QPSK	1	24	21.07	21.07	21.08		
5	QPSK	12	0	21.17	21.12	21.10	22.5	0
5	QPSK	12	7	21.25	21.19	21.06		
5	QPSK	12	13	21.20	21.07	21.05		
5	QPSK	25	0	21.25	21.04	21.19		
5	16QAM	1	0	21.24	21.06	21.14	22.5	0
5	16QAM	1	12	20.93	21.05	21.04		
5	16QAM	1	24	21.19	21.21	21.02		
5	16QAM	12	0	20.64	20.89	20.87	22	0.5
5	16QAM	12	7	20.82	20.86	20.84		
5	16QAM	12	13	20.86	20.95	20.87		
5	16QAM	25	0	20.84	20.68	20.86		
5	64QAM	1	0	20.70	21.02	20.90	22	0.5
5	64QAM	1	12	20.91	20.79	21.10		
5	64QAM	1	24	21.06	20.91	21.07		
5	64QAM	12	0	19.73	19.81	19.79	21	1.5
5	64QAM	12	7	19.94	19.82	19.96		
5	64QAM	12	13	19.96	19.85	19.82		
5	64QAM	25	0	19.84	19.72	19.88		
5	256QAM	1	0	17.80	17.39	17.51	18.5	4
5	256QAM	1	12	17.49	17.43	17.35		
5	256QAM	1	24	17.56	17.66	17.40		
5	256QAM	12	0	17.37	17.46	17.33	18.5	4
5	256QAM	12	7	17.35	17.30	17.15		
5	256QAM	12	13	17.48	17.60	17.54		
5	256QAM	25	0	17.34	17.56	17.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.13	21.18	21.02	22.5	0
3	QPSK	1	8	21.13	21.19	21.12		
3	QPSK	1	14	21.10	21.05	21.11		
3	QPSK	8	0	21.24	21.20	21.26	22.5	0
3	QPSK	8	4	21.26	21.22	21.04		
3	QPSK	8	7	21.21	21.21	21.12		
3	QPSK	15	0	21.27	21.24	21.06		
3	16QAM	1	0	21.17	21.07	20.99	22.5	0
3	16QAM	1	8	20.97	20.94	21.21		
3	16QAM	1	14	21.04	21.06	21.00		
3	16QAM	8	0	20.75	20.83	20.72	22	0.5
3	16QAM	8	4	20.89	20.88	20.68		
3	16QAM	8	7	20.77	20.94	20.79		
3	16QAM	15	0	20.91	20.67	20.85		
3	64QAM	1	0	20.73	21.12	20.90	22	0.5
3	64QAM	1	8	21.00	20.73	20.97		
3	64QAM	1	14	21.07	20.91	21.18		
3	64QAM	8	0	19.87	19.79	19.97	21	1.5
3	64QAM	8	4	19.74	19.80	19.91		
3	64QAM	8	7	19.83	19.78	19.87		
3	64QAM	15	0	19.75	19.81	19.80		
3	256QAM	1	0	17.66	17.57	17.56	18.5	4
3	256QAM	1	8	17.45	17.41	17.50		
3	256QAM	1	14	17.43	17.65	17.25		
3	256QAM	8	0	17.29	17.44	17.33	18.5	4
3	256QAM	8	4	17.46	17.44	17.21		
3	256QAM	8	7	17.42	17.51	17.44		
3	256QAM	15	0	17.49	17.57	17.34		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.16	21.10	21.21	22.5	0
1.4	QPSK	1	3	21.18	21.12	21.06		
1.4	QPSK	1	5	21.12	21.10	21.12		
1.4	QPSK	3	0	21.12	21.10	21.19		
1.4	QPSK	3	1	21.13	21.13	21.19		
1.4	QPSK	3	3	21.13	21.16	21.08		
1.4	QPSK	6	0	21.07	21.07	21.06	22.5	0
1.4	16QAM	1	0	21.25	21.20	21.13	22.5	0
1.4	16QAM	1	3	20.99	21.04	21.12		
1.4	16QAM	1	5	21.16	21.10	21.18		
1.4	16QAM	3	0	20.74	20.77	20.86		
1.4	16QAM	3	1	20.77	20.85	20.77		
1.4	16QAM	3	3	20.69	20.80	20.75		
1.4	16QAM	6	0	20.33	20.18	20.39	22	0.5
1.4	64QAM	1	0	20.33	20.55	20.55	22	0.5
1.4	64QAM	1	3	20.33	20.23	20.44		
1.4	64QAM	1	5	20.75	20.48	20.69		
1.4	64QAM	3	0	20.30	20.42	20.42		
1.4	64QAM	3	1	20.34	20.24	20.54		
1.4	64QAM	3	3	20.46	20.38	20.43		
1.4	64QAM	6	0	19.84	19.81	19.77	21	1.5
1.4	256QAM	1	0	17.65	17.50	17.68	18.5	4
1.4	256QAM	1	3	17.53	17.34	17.36		
1.4	256QAM	1	5	17.41	17.70	17.38		
1.4	256QAM	3	0	17.34	17.51	17.27		
1.4	256QAM	3	1	17.42	17.31	17.17		
1.4	256QAM	3	3	17.55	17.43	17.44		
1.4	256QAM	6	0	17.36	17.48	17.38	18.5	4

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.28	17.35	17.32	18.5	0
20	QPSK	1	49	17.25	17.27	17.26		
20	QPSK	1	99	17.3	17.26	17.2		
20	QPSK	50	0	17.21	17.31	17.25	18.5	0
20	QPSK	50	24	17.21	17.27	17.15		
20	QPSK	50	50	17.21	17.11	17.26		
20	QPSK	100	0	17.18	17.24	17.22		
20	16QAM	1	0	17.13	17.23	17.17	18.5	0
20	16QAM	1	49	17.18	17.22	17.26		
20	16QAM	1	99	17.04	17.17	17.06		
20	16QAM	50	0	17.09	17.33	17.11	18.5	0
20	16QAM	50	24	17.05	17.2	17.16		
20	16QAM	50	50	17.04	17.19	17.14		
20	16QAM	100	0	17.23	17.25	17.05		
20	64QAM	1	0	17.19	17.15	17.22	18.5	0
20	64QAM	1	49	17.05	16.85	16.79		
20	64QAM	1	99	17.03	17.32	17.13		
20	64QAM	50	0	17.04	17.07	17.17	18.5	0
20	64QAM	50	24	17.04	17.28	17.2		
20	64QAM	50	50	17.25	17.29	17.23		
20	64QAM	100	0	17.14	17.1	17.2		
20	256QAM	1	0	17.26	17.25	17.22	18.5	0
20	256QAM	1	49	17.21	16.97	16.76		
20	256QAM	1	99	17.12	17.23	17.26		
20	256QAM	50	0	17.03	17.08	17.25	18.5	0
20	256QAM	50	24	17.01	17.21	17.28		
20	256QAM	50	50	17.26	17.24	17.16		
20	256QAM	100	0	17.30	17.18	17.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.26	17.16	17.21	18.5	0
15	QPSK	1	37	17.22	17.07	17.15		
15	QPSK	1	74	17.21	17.04	17.17		
15	QPSK	36	0	17.08	17.19	17.12	18.5	0
15	QPSK	36	20	17.09	17.15	17.01		
15	QPSK	36	39	17.13	16.93	17.05		
15	QPSK	75	0	17.10	17.19	17.02		
15	16QAM	1	0	17.03	17.20	17.12	18.5	0
15	16QAM	1	37	17.05	17.19	17.21		
15	16QAM	1	74	16.87	17.02	16.86		
15	16QAM	36	0	17.00	17.22	16.95	18.5	0
15	16QAM	36	20	16.84	17.14	17.09		
15	16QAM	36	39	16.99	17.17	17.04		
15	16QAM	75	0	17.21	17.06	16.97		
15	64QAM	1	0	16.99	17.10	17.11	18.5	0
15	64QAM	1	37	17.03	16.63	16.61		
15	64QAM	1	74	16.81	17.16	17.01		
15	64QAM	36	0	16.90	16.92	17.05	18.5	0
15	64QAM	36	20	16.83	17.24	17.16		
15	64QAM	36	39	17.17	17.08	17.21		
15	64QAM	75	0	16.96	17.03	16.99		
15	256QAM	1	0	17.15	17.04	17.12	18.5	0
15	256QAM	1	37	17.04	16.93	16.57		
15	256QAM	1	74	16.95	17.18	17.16		
15	256QAM	36	0	16.86	16.89	17.05	18.5	0
15	256QAM	36	20	16.91	17.00	17.19		
15	256QAM	36	39	17.18	17.15	17.12		
15	256QAM	75	0	17.12	17.09	16.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.13	17.17	17.10	18.5	0
10	QPSK	1	25	17.23	17.22	17.05		
10	QPSK	1	49	17.10	17.09	17.12		
10	QPSK	25	0	17.08	17.23	17.08	18.5	0
10	QPSK	25	12	17.09	17.16	16.95		
10	QPSK	25	25	17.04	17.01	17.14		
10	QPSK	50	0	17.15	17.20	17.18		
10	16QAM	1	0	17.10	17.07	17.03	18.5	0
10	16QAM	1	25	17.01	17.02	17.21		
10	16QAM	1	49	16.88	16.95	16.99		
10	16QAM	25	0	17.07	17.29	17.00	18.5	0
10	16QAM	25	12	16.98	17.08	17.11		
10	16QAM	25	25	16.97	17.10	17.00		
10	16QAM	50	0	17.15	17.05	16.84		
10	64QAM	1	0	17.12	16.99	17.08	18.5	0
10	64QAM	1	25	17.00	16.67	16.71		
10	64QAM	1	49	16.96	17.11	16.93		
10	64QAM	25	0	16.94	17.05	17.13	18.5	0
10	64QAM	25	12	16.83	17.15	17.16		
10	64QAM	25	25	17.11	17.12	17.10		
10	64QAM	50	0	16.97	16.90	17.01		
10	256QAM	1	0	17.14	17.19	17.12	18.5	0
10	256QAM	1	25	17.13	16.95	16.74		
10	256QAM	1	49	16.90	17.11	17.11		
10	256QAM	25	0	16.87	17.01	17.16	18.5	0
10	256QAM	25	12	16.91	17.13	17.07		
10	256QAM	25	25	17.13	17.07	17.05		
10	256QAM	50	0	17.28	17.14	17.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.11	17.33	17.10	18.5	0
5	QPSK	1	12	17.23	17.13	17.12		
5	QPSK	1	24	17.20	17.12	17.18		
5	QPSK	12	0	17.06	17.10	17.18	18.5	0
5	QPSK	12	7	17.18	17.23	17.02		
5	QPSK	12	13	17.18	17.01	17.06		
5	QPSK	25	0	17.01	17.10	17.09		
5	16QAM	1	0	17.04	17.20	17.00	18.5	0
5	16QAM	1	12	17.06	17.17	17.14		
5	16QAM	1	24	16.83	17.02	16.94		
5	16QAM	12	0	16.92	17.25	16.98	18.5	0
5	16QAM	12	7	16.95	17.13	17.13		
5	16QAM	12	13	17.02	17.09	17.02		
5	16QAM	25	0	17.20	17.10	16.99		
5	64QAM	1	0	17.10	17.00	17.19	18.5	0
5	64QAM	1	12	16.83	16.77	16.66		
5	64QAM	1	24	16.83	17.20	17.09		
5	64QAM	12	0	16.86	16.96	16.97	18.5	0
5	64QAM	12	7	17.01	17.21	17.15		
5	64QAM	12	13	17.19	17.26	17.19		
5	64QAM	25	0	16.97	16.91	17.14		
5	256QAM	1	0	17.09	17.08	17.20	18.5	0
5	256QAM	1	12	17.14	16.87	16.64		
5	256QAM	1	24	16.96	17.21	17.18		
5	256QAM	12	0	16.96	17.05	17.05	18.5	0
5	256QAM	12	7	16.86	17.17	17.15		
5	256QAM	12	13	17.10	17.06	17.05		
5	256QAM	25	0	17.27	17.16	16.98		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.24	21.35	21.22	22.5	0
15	QPSK	1	37	21.17	21.23	21.19		
15	QPSK	1	74	21.20	21.28	21.17		
15	QPSK	36	0	21.24	21.34	21.21	22.5	0
15	QPSK	36	20	21.23	21.31	21.21		
15	QPSK	36	39	21.25	21.31	21.29		
15	QPSK	75	0	21.23	21.28	21.22		
15	16QAM	1	0	21.25	21.29	21.32	22.5	0
15	16QAM	1	37	21.35	21.15	21.11		
15	16QAM	1	74	21.33	21.35	21.22		
15	16QAM	36	0	20.75	20.79	20.76	22	0.5
15	16QAM	36	20	20.78	20.74	20.80		
15	16QAM	36	39	20.79	20.79	20.85		
15	16QAM	75	0	20.89	20.84	20.90		
15	64QAM	1	0	21.11	21.18	21.09	22	0.5
15	64QAM	1	37	20.74	21.19	20.79		
15	64QAM	1	74	21.05	20.69	21.19		
15	64QAM	36	0	19.72	19.78	19.92	21.5	1
15	64QAM	36	20	19.83	19.85	19.87		
15	64QAM	36	39	19.91	19.90	19.88		
15	64QAM	75	0	19.79	19.77	19.89		
15	256QAM	1	0	17.82	17.64	17.70	18.5	4
15	256QAM	1	37	17.56	17.56	17.47		
15	256QAM	1	74	17.54	17.73	17.48		
15	256QAM	36	0	17.48	17.55	17.43	18.5	4
15	256QAM	36	20	17.53	17.56	17.35		
15	256QAM	36	39	17.62	17.58	17.47		
15	256QAM	75	0	17.54	17.48	17.68		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.24	21.22	21.21	22.5	0
10	QPSK	1	25	20.97	21.22	21.19		
10	QPSK	1	49	21.03	21.21	21.11		
10	QPSK	25	0	21.16	21.27	21.11	22.5	0
10	QPSK	25	12	21.10	21.21	21.14		
10	QPSK	25	25	21.24	21.19	21.18		
10	QPSK	50	0	21.08	21.11	21.16		
10	16QAM	1	0	21.12	21.29	21.21	22.5	0
10	16QAM	1	25	21.35	21.01	21.07		
10	16QAM	1	49	21.31	21.19	21.10		
10	16QAM	25	0	20.62	20.65	20.62	22	0.5
10	16QAM	25	12	20.71	20.65	20.72		
10	16QAM	25	25	20.61	20.66	20.70		
10	16QAM	50	0	20.73	20.82	20.81		
10	64QAM	1	0	21.06	21.04	21.04	22	0.5
10	64QAM	1	25	20.67	21.19	20.76		
10	64QAM	1	49	20.91	20.67	21.07		
10	64QAM	25	0	19.59	19.59	19.88	21.5	1
10	64QAM	25	12	19.73	19.82	19.73		
10	64QAM	25	25	19.83	19.75	19.86		
10	64QAM	50	0	19.72	19.70	19.80		
10	256QAM	1	0	17.78	17.56	17.61	18.5	4
10	256QAM	1	25	17.52	17.43	17.35		
10	256QAM	1	49	17.42	17.61	17.30		
10	256QAM	25	0	17.41	17.52	17.37	18.5	4
10	256QAM	25	12	17.35	17.42	17.20		
10	256QAM	25	25	17.47	17.51	17.35		
10	256QAM	50	0	17.50	17.39	17.67		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.22	21.31	21.15	22.5	0
5	QPSK	1	12	21.15	21.06	21.10		
5	QPSK	1	24	21.17	21.09	21.01		
5	QPSK	12	0	21.04	21.30	21.07	22.5	0
5	QPSK	12	7	21.14	21.14	21.04		
5	QPSK	12	13	21.21	21.11	21.10		
5	QPSK	25	0	21.13	21.14	21.04		
5	16QAM	1	0	21.05	21.29	21.21	22.5	0
5	16QAM	1	12	21.27	21.04	21.09		
5	16QAM	1	24	21.20	21.32	21.10		
5	16QAM	12	0	20.63	20.68	20.68	22	0.5
5	16QAM	12	7	20.68	20.71	20.77		
5	16QAM	12	13	20.76	20.72	20.77		
5	16QAM	25	0	20.75	20.64	20.80		
5	64QAM	1	0	21.02	21.16	21.08	22	0.5
5	64QAM	1	12	20.56	21.13	20.62		
5	64QAM	1	24	20.88	20.62	21.00		
5	64QAM	12	0	19.64	19.64	19.87	21.5	1
5	64QAM	12	7	19.72	19.77	19.71		
5	64QAM	12	13	19.90	19.72	19.77		
5	64QAM	25	0	19.70	19.77	19.72		
5	256QAM	1	0	17.80	17.64	17.53	18.5	4
5	256QAM	1	12	17.39	17.42	17.44		
5	256QAM	1	24	17.36	17.64	17.42		
5	256QAM	12	0	17.29	17.46	17.24	18.5	4
5	256QAM	12	7	17.42	17.46	17.24		
5	256QAM	12	13	17.46	17.49	17.39		
5	256QAM	25	0	17.41	17.41	17.55		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.34	21.17	22.5	0
3	QPSK	1	8	21.15	21.12	21.12		
3	QPSK	1	14	21.20	21.19	20.98		
3	QPSK	8	0	21.07	21.23	21.02	22.5	0
3	QPSK	8	4	21.18	21.23	21.17		
3	QPSK	8	7	21.21	21.11	21.29		
3	QPSK	15	0	21.14	21.25	21.08		
3	16QAM	1	0	21.24	21.17	21.20	22.5	0
3	16QAM	1	8	21.35	21.03	21.06		
3	16QAM	1	14	21.14	21.33	21.18		
3	16QAM	8	0	20.69	20.77	20.56	22	0.5
3	16QAM	8	4	20.65	20.69	20.75		
3	16QAM	8	7	20.69	20.66	20.72		
3	16QAM	15	0	20.69	20.82	20.82		
3	64QAM	1	0	21.04	20.99	21.02	22	0.5
3	64QAM	1	8	20.73	21.13	20.73		
3	64QAM	1	14	21.05	20.66	21.09		
3	64QAM	8	0	19.72	19.65	19.72	21.5	1
3	64QAM	8	4	19.78	19.76	19.87		
3	64QAM	8	7	19.90	19.88	19.84		
3	64QAM	15	0	19.63	19.68	19.75		
3	256QAM	1	0	17.69	17.51	17.53	18.5	4
3	256QAM	1	8	17.44	17.38	17.44		
3	256QAM	1	14	17.43	17.60	17.37		
3	256QAM	8	0	17.33	17.41	17.39	18.5	4
3	256QAM	8	4	17.45	17.56	17.21		
3	256QAM	8	7	17.61	17.45	17.30		
3	256QAM	15	0	17.46	17.38	17.63		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.08	21.31	21.05	22.5	0
1.4	QPSK	1	3	21.05	21.08	21.10		
1.4	QPSK	1	5	21.19	21.10	21.13		
1.4	QPSK	3	0	21.17	21.14	21.05		
1.4	QPSK	3	1	21.19	21.17	21.12		
1.4	QPSK	3	3	21.21	21.18	21.22		
1.4	QPSK	6	0	21.20	21.17	21.15	22.5	0
1.4	16QAM	1	0	21.06	21.29	21.28	22.5	0
1.4	16QAM	1	3	21.33	21.06	21.01		
1.4	16QAM	1	5	21.30	21.34	21.12		
1.4	16QAM	3	0	20.64	20.73	20.73		
1.4	16QAM	3	1	20.63	20.72	20.75		
1.4	16QAM	3	3	20.59	20.75	20.70		
1.4	16QAM	6	0	20.66	20.64	20.55	22	0.5
1.4	64QAM	1	0	21.01	21.10	21.08	22	0.5
1.4	64QAM	1	3	20.64	21.00	20.61		
1.4	64QAM	1	5	21.00	20.63	21.16		
1.4	64QAM	3	0	20.51	20.49	20.53		
1.4	64QAM	3	1	20.59	20.65	20.48		
1.4	64QAM	3	3	20.63	20.60	20.50		
1.4	64QAM	6	0	19.59	19.57	19.73	21.5	1
1.4	256QAM	1	0	17.77	17.47	17.61	18.5	4
1.4	256QAM	1	3	17.40	17.41	17.37		
1.4	256QAM	1	5	17.41	17.55	17.30		
1.4	256QAM	3	0	17.41	17.50	17.26		
1.4	256QAM	3	1	17.47	17.47	17.22		
1.4	256QAM	3	3	17.56	17.42	17.46		
1.4	256QAM	6	0	17.47	17.47	17.65	18.5	4

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.68	14.77	14.71	16	0
20	QPSK	1	49	14.48	14.57	14.54		
20	QPSK	1	99	14.41	14.51	14.48		
20	QPSK	50	0	14.58	14.7	14.65	16	0
20	QPSK	50	24	14.55	14.62	14.57		
20	QPSK	50	50	14.45	14.6	14.58		
20	QPSK	100	0	14.54	14.69	14.67		
20	16QAM	1	0	14.55	14.76	14.57	16	0
20	16QAM	1	49	14.56	14.59	14.46		
20	16QAM	1	99	14.43	14.73	14.62		
20	16QAM	50	0	14.55	14.52	14.43	16	0
20	16QAM	50	24	14.46	14.61	14.73		
20	16QAM	50	50	14.28	14.53	14.61		
20	16QAM	100	0	14.26	14.69	14.62		
20	64QAM	1	0	14.46	14.64	14.71	16	0
20	64QAM	1	49	14.47	14.72	14.6		
20	64QAM	1	99	14.51	14.71	14.24		
20	64QAM	50	0	14.52	14.58	14.53	16	0
20	64QAM	50	24	14.5	14.51	14.7		
20	64QAM	50	50	14.43	14.68	14.67		
20	64QAM	100	0	14.39	14.69	14.7		
20	256QAM	1	0	14.37	14.65	14.60	16	0
20	256QAM	1	49	14.44	14.56	14.54		
20	256QAM	1	99	14.51	14.67	14.14		
20	256QAM	50	0	14.39	14.46	14.37	16	0
20	256QAM	50	24	14.34	14.36	14.72		
20	256QAM	50	50	14.30	14.59	14.52		
20	256QAM	100	0	14.28	14.54	14.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.60	14.64	14.58	16	0
15	QPSK	1	37	14.35	14.40	14.45		
15	QPSK	1	74	14.34	14.40	14.47		
15	QPSK	36	0	14.46	14.51	14.62	16	0
15	QPSK	36	20	14.39	14.47	14.43		
15	QPSK	36	39	14.34	14.48	14.41		
15	QPSK	75	0	14.38	14.59	14.62		
15	16QAM	1	0	14.53	14.59	14.49	16	0
15	16QAM	1	37	14.56	14.55	14.41		
15	16QAM	1	74	14.32	14.61	14.50		
15	16QAM	36	0	14.39	14.52	14.24	16	0
15	16QAM	36	20	14.46	14.47	14.69		
15	16QAM	36	39	14.10	14.52	14.60		
15	16QAM	75	0	14.13	14.68	14.43		
15	64QAM	1	0	14.27	14.64	14.54	16	0
15	64QAM	1	37	14.43	14.70	14.45		
15	64QAM	1	74	14.38	14.57	14.15		
15	64QAM	36	0	14.33	14.46	14.38	16	0
15	64QAM	36	20	14.35	14.38	14.51		
15	64QAM	36	39	14.37	14.52	14.49		
15	64QAM	75	0	14.21	14.69	14.60		
15	256QAM	1	0	14.17	14.63	14.59	16	0
15	256QAM	1	37	14.37	14.54	14.51		
15	256QAM	1	74	14.36	14.50	14.06		
15	256QAM	36	0	14.32	14.33	14.29	16	0
15	256QAM	36	20	14.14	14.25	14.60		
15	256QAM	36	39	14.10	14.55	14.42		
15	256QAM	75	0	14.12	14.43	14.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.63	14.57	14.54	16	0
10	QPSK	1	25	14.44	14.46	14.48		
10	QPSK	1	49	14.38	14.38	14.31		
10	QPSK	25	0	14.58	14.62	14.46	16	0
10	QPSK	25	12	14.37	14.57	14.52		
10	QPSK	25	25	14.36	14.54	14.54		
10	QPSK	50	0	14.49	14.50	14.50		
10	16QAM	1	0	14.44	14.60	14.54	16	0
10	16QAM	1	25	14.56	14.39	14.44		
10	16QAM	1	49	14.30	14.61	14.56		
10	16QAM	25	0	14.42	14.52	14.40	16	0
10	16QAM	25	12	14.30	14.45	14.56		
10	16QAM	25	25	14.14	14.40	14.50		
10	16QAM	50	0	14.22	14.61	14.46		
10	64QAM	1	0	14.40	14.61	14.51	16	0
10	64QAM	1	25	14.47	14.62	14.60		
10	64QAM	1	49	14.37	14.58	14.10		
10	64QAM	25	0	14.50	14.45	14.53	16	0
10	64QAM	25	12	14.48	14.33	14.50		
10	64QAM	25	25	14.37	14.51	14.60		
10	64QAM	50	0	14.25	14.60	14.57		
10	256QAM	1	0	14.18	14.51	14.58	16	0
10	256QAM	1	25	14.41	14.51	14.42		
10	256QAM	1	49	14.47	14.53	14.08		
10	256QAM	25	0	14.22	14.40	14.23	16	0
10	256QAM	25	12	14.31	14.21	14.59		
10	256QAM	25	25	14.11	14.41	14.44		
10	256QAM	50	0	14.19	14.50	14.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.61	14.74	14.54	16	0
5	QPSK	1	12	14.44	14.45	14.44		
5	QPSK	1	24	14.30	14.49	14.40		
5	QPSK	12	0	14.55	14.57	14.54	16	0
5	QPSK	12	7	14.43	14.42	14.54		
5	QPSK	12	13	14.37	14.50	14.45		
5	QPSK	25	0	14.39	14.57	14.48		
5	16QAM	1	0	14.35	14.70	14.57	16	0
5	16QAM	1	12	14.41	14.58	14.46		
5	16QAM	1	24	14.36	14.70	14.57		
5	16QAM	12	0	14.45	14.43	14.42	16	0
5	16QAM	12	7	14.28	14.53	14.54		
5	16QAM	12	13	14.14	14.33	14.55		
5	16QAM	25	0	14.08	14.64	14.58		
5	64QAM	1	0	14.30	14.58	14.71	16	0
5	64QAM	1	12	14.37	14.61	14.47		
5	64QAM	1	24	14.49	14.52	14.21		
5	64QAM	12	0	14.40	14.51	14.35	16	0
5	64QAM	12	7	14.50	14.32	14.64		
5	64QAM	12	13	14.35	14.54	14.54		
5	64QAM	25	0	14.20	14.65	14.69		
5	256QAM	1	0	14.24	14.61	14.51	16	0
5	256QAM	1	12	14.39	14.48	14.39		
5	256QAM	1	24	14.49	14.51	14.11		
5	256QAM	12	0	14.35	14.35	14.24	16	0
5	256QAM	12	7	14.22	14.35	14.66		
5	256QAM	12	13	14.24	14.53	14.52		
5	256QAM	25	0	14.09	14.35	14.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.59	14.74	14.65	16	0
3	QPSK	1	8	14.36	14.39	14.53		
3	QPSK	1	14	14.34	14.43	14.47		
3	QPSK	8	0	14.39	14.57	14.48	16	0
3	QPSK	8	4	14.46	14.47	14.42		
3	QPSK	8	7	14.38	14.49	14.57		
3	QPSK	15	0	14.36	14.61	14.59		
3	16QAM	1	0	14.44	14.64	14.39	16	0
3	16QAM	1	8	14.49	14.55	14.36		
3	16QAM	1	14	14.28	14.56	14.53		
3	16QAM	8	0	14.53	14.51	14.43	16	0
3	16QAM	8	4	14.26	14.49	14.54		
3	16QAM	8	7	14.13	14.49	14.55		
3	16QAM	15	0	14.22	14.65	14.44		
3	64QAM	1	0	14.42	14.45	14.71	16	0
3	64QAM	1	8	14.40	14.58	14.51		
3	64QAM	1	14	14.32	14.51	14.20		
3	64QAM	8	0	14.36	14.53	14.46	16	0
3	64QAM	8	4	14.37	14.39	14.69		
3	64QAM	8	7	14.41	14.48	14.54		
3	64QAM	15	0	14.35	14.64	14.69		
3	256QAM	1	0	14.31	14.61	14.43	16	0
3	256QAM	1	8	14.33	14.43	14.34		
3	256QAM	1	14	14.49	14.67	14.12		
3	256QAM	8	0	14.32	14.32	14.23	16	0
3	256QAM	8	4	14.23	14.28	14.65		
3	256QAM	8	7	14.24	14.52	14.37		
3	256QAM	15	0	14.22	14.41	14.44		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.48	14.59	14.52	16	0
1.4	QPSK	1	3	14.32	14.37	14.52		
1.4	QPSK	1	5	14.31	14.33	14.43		
1.4	QPSK	3	0	14.47	14.56	14.52		
1.4	QPSK	3	1	14.38	14.58	14.48		
1.4	QPSK	3	3	14.26	14.53	14.38		
1.4	QPSK	6	0	14.49	14.52	14.62	16	0
1.4	16QAM	1	0	14.39	14.76	14.56	16	0
1.4	16QAM	1	3	14.47	14.39	14.38		
1.4	16QAM	1	5	14.23	14.72	14.44		
1.4	16QAM	3	0	14.45	14.38	14.29		
1.4	16QAM	3	1	14.37	14.53	14.53		
1.4	16QAM	3	3	14.10	14.33	14.51		
1.4	16QAM	6	0	14.07	14.66	14.43	16	0
1.4	64QAM	1	0	14.28	14.44	14.59	16	0
1.4	64QAM	1	3	14.33	14.62	14.53		
1.4	64QAM	1	5	14.49	14.53	14.05		
1.4	64QAM	3	0	14.47	14.40	14.40		
1.4	64QAM	3	1	14.42	14.43	14.70		
1.4	64QAM	3	3	14.33	14.59	14.62		
1.4	64QAM	6	0	14.39	14.56	14.68	16	0
1.4	256QAM	1	0	14.29	14.65	14.54	16	0
1.4	256QAM	1	3	14.38	14.49	14.38		
1.4	256QAM	1	5	14.44	14.47	14.02		
1.4	256QAM	3	0	14.25	14.44	14.20		
1.4	256QAM	3	1	14.19	14.26	14.60		
1.4	256QAM	3	3	14.11	14.42	14.35		
1.4	256QAM	6	0	14.28	14.34	14.43	16	0

Band 2_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.66	13.71	13.61	15	0
20	QPSK	1	49	13.58	13.69	13.54		
20	QPSK	1	99	13.49	13.52	13.51		
20	QPSK	50	0	13.61	13.64	13.58	15	0
20	QPSK	50	24	13.56	13.61	13.52		
20	QPSK	50	50	13.61	13.59	13.54		
20	QPSK	100	0	13.52	13.54	13.51		
20	16QAM	1	0	13.61	13.5	13.65	15	0
20	16QAM	1	49	13.68	13.62	13.42		
20	16QAM	1	99	13.55	13.68	13.59		
20	16QAM	50	0	13.64	13.54	13.62	15	0
20	16QAM	50	24	13.61	13.54	13.63		
20	16QAM	50	50	13.49	13.54	13.54		
20	16QAM	100	0	13.63	13.63	13.53		
20	64QAM	1	0	13.6	13.58	13.61	15	0
20	64QAM	1	49	13.63	13.58	13.58		
20	64QAM	1	99	13.52	13.34	13.62		
20	64QAM	50	0	13.58	13.43	13.67	15	0
20	64QAM	50	24	13.59	13.62	13.38		
20	64QAM	50	50	13.63	13.56	13.46		
20	64QAM	100	0	13.59	13.59	13.62		
20	256QAM	1	0	13.45	13.57	13.64	15	0
20	256QAM	1	49	13.65	13.41	13.69		
20	256QAM	1	99	13.35	13.53	13.46		
20	256QAM	50	0	13.52	13.61	13.56	15	0
20	256QAM	50	24	13.41	13.62	13.39		
20	256QAM	50	50	13.54	13.40	13.69		
20	256QAM	100	0	13.49	13.49	13.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.52	13.62	13.49	15	0
15	QPSK	1	37	13.53	13.58	13.51		
15	QPSK	1	74	13.28	13.37	13.50		
15	QPSK	36	0	13.48	13.59	13.41	15	0
15	QPSK	36	20	13.44	13.52	13.49		
15	QPSK	36	39	13.53	13.40	13.41		
15	QPSK	75	0	13.33	13.46	13.41		
15	16QAM	1	0	13.54	13.29	13.48	15	0
15	16QAM	1	37	13.62	13.50	13.41		
15	16QAM	1	74	13.38	13.51	13.57		
15	16QAM	36	0	13.60	13.42	13.56	15	0
15	16QAM	36	20	13.50	13.34	13.44		
15	16QAM	36	39	13.46	13.45	13.45		
15	16QAM	75	0	13.45	13.46	13.38		
15	64QAM	1	0	13.40	13.48	13.49	15	0
15	64QAM	1	37	13.48	13.49	13.42		
15	64QAM	1	74	13.39	13.24	13.50		
15	64QAM	36	0	13.40	13.36	13.46	15	0
15	64QAM	36	20	13.58	13.60	13.28		
15	64QAM	36	39	13.56	13.45	13.37		
15	64QAM	75	0	13.48	13.54	13.54		
15	256QAM	1	0	13.25	13.42	13.56	15	0
15	256QAM	1	37	13.55	13.25	13.56		
15	256QAM	1	74	13.31	13.35	13.42		
15	256QAM	36	0	13.33	13.58	13.43	15	0
15	256QAM	36	20	13.32	13.55	13.25		
15	256QAM	36	39	13.36	13.21	13.48		
15	256QAM	75	0	13.30	13.28	13.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.62	13.55	13.60	15	0
10	QPSK	1	25	13.41	13.48	13.43		
10	QPSK	1	49	13.37	13.36	13.39		
10	QPSK	25	0	13.51	13.62	13.53	15	0
10	QPSK	25	12	13.55	13.55	13.45		
10	QPSK	25	25	13.45	13.46	13.38		
10	QPSK	50	0	13.50	13.35	13.46		
10	16QAM	1	0	13.59	13.48	13.53	15	0
10	16QAM	1	25	13.64	13.45	13.27		
10	16QAM	1	49	13.37	13.53	13.40		
10	16QAM	25	0	13.53	13.34	13.41	15	0
10	16QAM	25	12	13.53	13.34	13.55		
10	16QAM	25	25	13.39	13.45	13.44		
10	16QAM	50	0	13.61	13.47	13.37		
10	64QAM	1	0	13.59	13.49	13.40	15	0
10	64QAM	1	25	13.58	13.47	13.39		
10	64QAM	1	49	13.37	13.21	13.45		
10	64QAM	25	0	13.53	13.30	13.58	15	0
10	64QAM	25	12	13.41	13.43	13.18		
10	64QAM	25	25	13.43	13.35	13.40		
10	64QAM	50	0	13.47	13.57	13.51		
10	256QAM	1	0	13.40	13.53	13.62	15	0
10	256QAM	1	25	13.60	13.39	13.58		
10	256QAM	1	49	13.34	13.38	13.37		
10	256QAM	25	0	13.37	13.44	13.53	15	0
10	256QAM	25	12	13.23	13.45	13.26		
10	256QAM	25	25	13.48	13.31	13.55		
10	256QAM	50	0	13.39	13.38	13.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.60	13.51	13.55	15	0
5	QPSK	1	12	13.41	13.54	13.33		
5	QPSK	1	24	13.47	13.42	13.38		
5	QPSK	12	0	13.56	13.49	13.57	15	0
5	QPSK	12	7	13.36	13.53	13.40		
5	QPSK	12	13	13.51	13.43	13.34		
5	QPSK	25	0	13.32	13.47	13.44		
5	16QAM	1	0	13.54	13.45	13.63	15	0
5	16QAM	1	12	13.59	13.49	13.38		
5	16QAM	1	24	13.46	13.58	13.48		
5	16QAM	12	0	13.53	13.42	13.54	15	0
5	16QAM	12	7	13.40	13.37	13.44		
5	16QAM	12	13	13.34	13.52	13.37		
5	16QAM	25	0	13.50	13.59	13.33		
5	64QAM	1	0	13.56	13.51	13.59	15	0
5	64QAM	1	12	13.54	13.50	13.45		
5	64QAM	1	24	13.34	13.30	13.43		
5	64QAM	12	0	13.52	13.23	13.46	15	0
5	64QAM	12	7	13.58	13.43	13.27		
5	64QAM	12	13	13.49	13.37	13.36		
5	64QAM	25	0	13.40	13.53	13.50		
5	256QAM	1	0	13.33	13.48	13.46	15	0
5	256QAM	1	12	13.50	13.37	13.50		
5	256QAM	1	24	13.16	13.38	13.32		
5	256QAM	12	0	13.39	13.48	13.45	15	0
5	256QAM	12	7	13.33	13.60	13.31		
5	256QAM	12	13	13.50	13.29	13.49		
5	256QAM	25	0	13.39	13.31	13.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.58	13.70	13.41	15	0
3	QPSK	1	8	13.42	13.51	13.37		
3	QPSK	1	14	13.37	13.44	13.46		
3	QPSK	8	0	13.50	13.49	13.55	15	0
3	QPSK	8	4	13.45	13.44	13.47		
3	QPSK	8	7	13.54	13.39	13.45		
3	QPSK	15	0	13.48	13.34	13.46		
3	16QAM	1	0	13.50	13.33	13.52	15	0
3	16QAM	1	8	13.47	13.55	13.35		
3	16QAM	1	14	13.43	13.58	13.46		
3	16QAM	8	0	13.58	13.51	13.46	15	0
3	16QAM	8	4	13.57	13.45	13.43		
3	16QAM	8	7	13.41	13.46	13.36		
3	16QAM	15	0	13.56	13.56	13.37		
3	64QAM	1	0	13.47	13.50	13.43	15	0
3	64QAM	1	8	13.52	13.49	13.41		
3	64QAM	1	14	13.42	13.21	13.41		
3	64QAM	8	0	13.39	13.34	13.58	15	0
3	64QAM	8	4	13.48	13.56	13.25		
3	64QAM	8	7	13.60	13.53	13.28		
3	64QAM	15	0	13.57	13.54	13.43		
3	256QAM	1	0	13.32	13.50	13.61	15	0
3	256QAM	1	8	13.54	13.25	13.56		
3	256QAM	1	14	13.28	13.33	13.45		
3	256QAM	8	0	13.34	13.49	13.53	15	0
3	256QAM	8	4	13.26	13.49	13.31		
3	256QAM	8	7	13.52	13.19	13.56		
3	256QAM	15	0	13.47	13.35	13.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.55	13.58	13.51	15	0
1.4	QPSK	1	3	13.47	13.56	13.50		
1.4	QPSK	1	5	13.30	13.35	13.43		
1.4	QPSK	3	0	13.51	13.53	13.43		
1.4	QPSK	3	1	13.53	13.40	13.49		
1.4	QPSK	3	3	13.51	13.50	13.43		
1.4	QPSK	6	0	13.37	13.36	13.48	15	0
1.4	16QAM	1	0	13.40	13.49	13.60	15	0
1.4	16QAM	1	3	13.66	13.57	13.34		
1.4	16QAM	1	5	13.48	13.54	13.39		
1.4	16QAM	3	0	13.43	13.37	13.50		
1.4	16QAM	3	1	13.53	13.35	13.54		
1.4	16QAM	3	3	13.34	13.36	13.49		
1.4	16QAM	6	0	13.62	13.46	13.35	15	0
1.4	64QAM	1	0	13.42	13.57	13.55	15	0
1.4	64QAM	1	3	13.59	13.57	13.39		
1.4	64QAM	1	5	13.33	13.15	13.48		
1.4	64QAM	3	0	13.51	13.30	13.49		
1.4	64QAM	3	1	13.56	13.45	13.37		
1.4	64QAM	3	3	13.52	13.41	13.45		
1.4	64QAM	6	0	13.58	13.42	13.46	15	0
1.4	256QAM	1	0	13.35	13.55	13.52	15	0
1.4	256QAM	1	3	13.48	13.23	13.52		
1.4	256QAM	1	5	13.32	13.35	13.32		
1.4	256QAM	3	0	13.47	13.56	13.35		
1.4	256QAM	3	1	13.32	13.45	13.28		
1.4	256QAM	3	3	13.33	13.38	13.62		
1.4	256QAM	6	0	13.38	13.47	13.39	15	0

Band 4_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	11.66	11.46	11.63	13	0
20	QPSK	1	49	11.63	11.5	11.55		
20	QPSK	1	99	11.53	11.51	11.51		
20	QPSK	50	0	11.62	11.54	11.57	13	0
20	QPSK	50	24	11.54	11.53	11.58		
20	QPSK	50	50	11.55	11.48	11.58		
20	QPSK	100	0	11.62	11.54	11.58		
20	16QAM	1	0	11.63	11.59	11.65	13	0
20	16QAM	1	49	11.59	11.51	11.49		
20	16QAM	1	99	11.63	11.55	11.53		
20	16QAM	50	0	11.43	11.46	11.55	13	0
20	16QAM	50	24	11.47	11.54	11.61		
20	16QAM	50	50	11.39	11.48	11.56		
20	16QAM	100	0	11.52	11.54	11.56		
20	64QAM	1	0	11.59	11.65	11.53	13	0
20	64QAM	1	49	11.39	11.61	11.62		
20	64QAM	1	99	11.54	11.35	11.49		
20	64QAM	50	0	11.46	11.5	11.54	13	0
20	64QAM	50	24	11.46	11.52	11.64		
20	64QAM	50	50	11.45	11.38	11.53		
20	64QAM	100	0	11.4	11.54	11.56		
20	256QAM	1	0	11.45	11.51	11.36	13	0
20	256QAM	1	49	11.28	11.45	11.47		
20	256QAM	1	99	11.44	11.28	11.46		
20	256QAM	50	0	11.29	11.51	11.38	13	0
20	256QAM	50	24	11.31	11.47	11.51		
20	256QAM	50	50	11.43	11.22	11.44		
20	256QAM	100	0	11.23	11.48	11.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	11.58	11.29	11.60	13	0
15	QPSK	1	37	11.44	11.40	11.41		
15	QPSK	1	74	11.40	11.34	11.42		
15	QPSK	36	0	11.50	11.52	11.40	13	0
15	QPSK	36	20	11.36	11.34	11.57		
15	QPSK	36	39	11.54	11.33	11.41		
15	QPSK	75	0	11.54	11.35	11.38		
15	16QAM	1	0	11.50	11.51	11.61	13	0
15	16QAM	1	37	11.51	11.30	11.42		
15	16QAM	1	74	11.42	11.38	11.48		
15	16QAM	36	0	11.42	11.31	11.51	13	0
15	16QAM	36	20	11.32	11.45	11.42		
15	16QAM	36	39	11.19	11.40	11.50		
15	16QAM	75	0	11.43	11.44	11.53		
15	64QAM	1	0	11.39	11.64	11.47	13	0
15	64QAM	1	37	11.21	11.54	11.43		
15	64QAM	1	74	11.40	11.24	11.44		
15	64QAM	36	0	11.38	11.41	11.44	13	0
15	64QAM	36	20	11.25	11.33	11.43		
15	64QAM	36	39	11.31	11.32	11.32		
15	64QAM	75	0	11.36	11.44	11.41		
15	256QAM	1	0	11.24	11.30	11.26	13	0
15	256QAM	1	37	11.22	11.40	11.31		
15	256QAM	1	74	11.37	11.13	11.43		
15	256QAM	36	0	11.27	11.44	11.24	13	0
15	256QAM	36	20	11.11	11.28	11.33		
15	256QAM	36	39	11.36	11.10	11.41		
15	256QAM	75	0	11.19	11.32	11.50		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	11.47	11.44	11.55	13	0
10	QPSK	1	25	11.48	11.33	11.49		
10	QPSK	1	49	11.39	11.36	11.33		
10	QPSK	25	0	11.42	11.37	11.49	13	0
10	QPSK	25	12	11.51	11.47	11.40		
10	QPSK	25	25	11.40	11.47	11.39		
10	QPSK	50	0	11.50	11.35	11.51		
10	16QAM	1	0	11.59	11.43	11.62	13	0
10	16QAM	1	25	11.38	11.36	11.41		
10	16QAM	1	49	11.58	11.48	11.40		
10	16QAM	25	0	11.26	11.36	11.54	13	0
10	16QAM	25	12	11.44	11.37	11.58		
10	16QAM	25	25	11.23	11.28	11.41		
10	16QAM	50	0	11.33	11.48	11.51		
10	64QAM	1	0	11.44	11.49	11.37	13	0
10	64QAM	1	25	11.31	11.48	11.54		
10	64QAM	1	49	11.52	11.18	11.46		
10	64QAM	25	0	11.31	11.48	11.46	13	0
10	64QAM	25	12	11.39	11.35	11.48		
10	64QAM	25	25	11.39	11.20	11.40		
10	64QAM	50	0	11.39	11.40	11.46		
10	256QAM	1	0	11.41	11.31	11.18	13	0
10	256QAM	1	25	11.27	11.42	11.31		
10	256QAM	1	49	11.40	11.27	11.30		
10	256QAM	25	0	11.13	11.40	11.25	13	0
10	256QAM	25	12	11.24	11.41	11.46		
10	256QAM	25	25	11.25	11.12	11.36		
10	256QAM	50	0	11.12	11.28	11.32		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.54	11.45	11.48	13	0
5	QPSK	1	12	11.49	11.46	11.46		
5	QPSK	1	24	11.45	11.47	11.35		
5	QPSK	12	0	11.51	11.37	11.53	13	0
5	QPSK	12	7	11.45	11.41	11.46		
5	QPSK	12	13	11.53	11.42	11.54		
5	QPSK	25	0	11.42	11.49	11.41		
5	16QAM	1	0	11.49	11.39	11.49	13	0
5	16QAM	1	12	11.39	11.50	11.41		
5	16QAM	1	24	11.47	11.42	11.39		
5	16QAM	12	0	11.35	11.44	11.41	13	0
5	16QAM	12	7	11.40	11.52	11.46		
5	16QAM	12	13	11.34	11.34	11.37		
5	16QAM	25	0	11.39	11.48	11.54		
5	64QAM	1	0	11.50	11.63	11.40	13	0
5	64QAM	1	12	11.27	11.41	11.49		
5	64QAM	1	24	11.37	11.31	11.46		
5	64QAM	12	0	11.28	11.45	11.42	13	0
5	64QAM	12	7	11.30	11.37	11.59		
5	64QAM	12	13	11.24	11.28	11.35		
5	64QAM	25	0	11.19	11.45	11.39		
5	256QAM	1	0	11.39	11.42	11.22	13	0
5	256QAM	1	12	11.18	11.39	11.42		
5	256QAM	1	24	11.43	11.24	11.39		
5	256QAM	12	0	11.11	11.33	11.28	13	0
5	256QAM	12	7	11.10	11.41	11.31		
5	256QAM	12	13	11.42	11.12	11.31		
5	256QAM	25	0	11.21	11.35	11.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.45	11.29	11.53	13	0
3	QPSK	1	8	11.46	11.32	11.52		
3	QPSK	1	14	11.45	11.35	11.47		
3	QPSK	8	0	11.61	11.35	11.56	13	0
3	QPSK	8	4	11.37	11.50	11.42		
3	QPSK	8	7	11.41	11.47	11.54		
3	QPSK	15	0	11.46	11.35	11.42		
3	16QAM	1	0	11.47	11.38	11.45	13	0
3	16QAM	1	8	11.44	11.48	11.41		
3	16QAM	1	14	11.48	11.39	11.35		
3	16QAM	8	0	11.34	11.32	11.44	13	0
3	16QAM	8	4	11.29	11.42	11.44		
3	16QAM	8	7	11.25	11.47	11.50		
3	16QAM	15	0	11.37	11.50	11.39		
3	64QAM	1	0	11.47	11.59	11.43	13	0
3	64QAM	1	8	11.36	11.56	11.61		
3	64QAM	1	14	11.38	11.23	11.47		
3	64QAM	8	0	11.25	11.39	11.39	13	0
3	64QAM	8	4	11.28	11.31	11.61		
3	64QAM	8	7	11.26	11.21	11.52		
3	64QAM	15	0	11.30	11.38	11.39		
3	256QAM	1	0	11.43	11.31	11.35	13	0
3	256QAM	1	8	11.08	11.35	11.26		
3	256QAM	1	14	11.29	11.14	11.40		
3	256QAM	8	0	11.10	11.33	11.22	13	0
3	256QAM	8	4	11.23	11.43	11.45		
3	256QAM	8	7	11.27	11.09	11.30		
3	256QAM	15	0	11.12	11.33	11.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.56	11.32	11.62	13	0
1.4	QPSK	1	3	11.56	11.36	11.53		
1.4	QPSK	1	5	11.32	11.49	11.31		
1.4	QPSK	3	0	11.60	11.36	11.46		
1.4	QPSK	3	1	11.48	11.49	11.48		
1.4	QPSK	3	3	11.36	11.39	11.37		
1.4	QPSK	6	0	11.46	11.33	11.45	13	0
1.4	16QAM	1	0	11.55	11.47	11.48	13	0
1.4	16QAM	1	3	11.53	11.31	11.44		
1.4	16QAM	1	5	11.47	11.51	11.52		
1.4	16QAM	3	0	11.23	11.26	11.42		
1.4	16QAM	3	1	11.41	11.35	11.40		
1.4	16QAM	3	3	11.20	11.38	11.43		
1.4	16QAM	6	0	11.48	11.39	11.54	13	0
1.4	64QAM	1	0	11.54	11.44	11.44	13	0
1.4	64QAM	1	3	11.23	11.45	11.49		
1.4	64QAM	1	5	11.46	11.32	11.31		
1.4	64QAM	3	0	11.34	11.48	11.53		
1.4	64QAM	3	1	11.32	11.44	11.58		
1.4	64QAM	3	3	11.37	11.21	11.41		
1.4	64QAM	6	0	11.28	11.39	11.40	13	0
1.4	256QAM	1	0	11.36	11.48	11.31	13	0
1.4	256QAM	1	3	11.12	11.30	11.43		
1.4	256QAM	1	5	11.24	11.20	11.33		
1.4	256QAM	3	0	11.09	11.42	11.27		
1.4	256QAM	3	1	11.24	11.39	11.40		
1.4	256QAM	3	3	11.25	11.01	11.29		
1.4	256QAM	6	0	11.09	11.42	11.34	13	0

Band 5_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	17.28	17.26	17.22	18.5	0
10	QPSK	1	25	17.15	17.23	17.16		
10	QPSK	1	49	17.24	17.23	17.19		
10	QPSK	25	0	17.27	17.21	17.18	18.5	0
10	QPSK	25	12	17.27	17.25	17.2		
10	QPSK	25	25	17.26	17.23	17.21		
10	QPSK	50	0	17.24	17.2	17.16		
10	16QAM	1	0	17.03	17.16	17.25	18.5	0
10	16QAM	1	25	16.94	17.01	17.22		
10	16QAM	1	49	17.17	17.17	17.19		
10	16QAM	25	0	17.13	17.19	17.21	18.5	0
10	16QAM	25	12	17.18	17.18	17.16		
10	16QAM	25	25	17.16	17.25	17.16		
10	16QAM	50	0	17.16	17.14	17.16		
10	64QAM	1	0	17.18	17.13	17.15	18.5	0
10	64QAM	1	25	17.22	17.16	17.17		
10	64QAM	1	49	17.17	17.15	17.15		
10	64QAM	25	0	17.15	17.09	17.23	18.5	0
10	64QAM	25	12	17.23	17.09	17.22		
10	64QAM	25	25	17.18	17.16	17.24		
10	64QAM	50	0	17.08	17.13	17.19		
10	256QAM	1	0	17.15	17.08	16.98	18.5	0
10	256QAM	1	25	17.14	17.16	17.01		
10	256QAM	1	49	17.08	17.06	17.06		
10	256QAM	25	0	17.17	16.92	17.18	18.5	0
10	256QAM	25	12	17.06	16.91	17.19		
10	256QAM	25	25	17.12	17.04	17.09		
10	256QAM	50	0	17.02	16.97	17.19		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	17.13	17.24	17.04	18.5	0
5	QPSK	1	12	17.10	17.06	16.98		
5	QPSK	1	24	17.07	17.09	17.18		
5	QPSK	12	0	17.19	17.20	17.07	18.5	0
5	QPSK	12	7	17.17	17.19	17.14		
5	QPSK	12	13	17.23	17.06	17.20		
5	QPSK	25	0	17.07	17.05	16.98		
5	16QAM	1	0	16.94	17.04	17.11	18.5	0
5	16QAM	1	12	16.84	16.81	17.10		
5	16QAM	1	24	17.14	16.97	17.14		
5	16QAM	12	0	17.06	17.11	17.01	18.5	0
5	16QAM	12	7	17.16	17.16	17.10		
5	16QAM	12	13	17.13	17.24	17.00		
5	16QAM	25	0	16.96	16.94	17.04		
5	64QAM	1	0	17.11	16.98	16.98	18.5	0
5	64QAM	1	12	17.21	17.01	17.14		
5	64QAM	1	24	17.07	17.01	17.07		
5	64QAM	12	0	17.11	17.08	17.02	18.5	0
5	64QAM	12	7	17.05	17.03	17.20		
5	64QAM	12	13	17.00	17.03	17.20		
5	64QAM	25	0	16.97	16.95	16.98		
5	256QAM	1	0	17.07	17.00	16.81	18.5	0
5	256QAM	1	12	17.07	17.13	16.86		
5	256QAM	1	24	16.97	16.92	16.86		
5	256QAM	12	0	17.01	16.91	17.13	18.5	0
5	256QAM	12	7	16.86	16.83	17.09		
5	256QAM	12	13	16.94	16.83	16.96		
5	256QAM	25	0	16.89	16.80	17.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	17.11	17.07	17.21	18.5	0
3	QPSK	1	8	17.03	17.10	17.04		
3	QPSK	1	14	17.03	17.11	17.09		
3	QPSK	8	0	17.15	17.20	17.15	18.5	0
3	QPSK	8	4	17.15	17.08	17.02		
3	QPSK	8	7	17.08	17.09	17.09		
3	QPSK	15	0	17.22	17.10	17.07		
3	16QAM	1	0	17.01	16.97	17.19	18.5	0
3	16QAM	1	8	16.73	16.90	17.18		
3	16QAM	1	14	17.09	17.03	17.08		
3	16QAM	8	0	17.11	17.11	17.00	18.5	0
3	16QAM	8	4	16.99	17.04	16.97		
3	16QAM	8	7	17.12	17.12	17.07		
3	16QAM	15	0	17.06	17.11	17.01		
3	64QAM	1	0	16.97	16.94	16.98	18.5	0
3	64QAM	1	8	17.09	17.10	17.15		
3	64QAM	1	14	17.16	16.94	17.13		
3	64QAM	8	0	16.99	16.92	17.15	18.5	0
3	64QAM	8	4	17.08	16.92	17.19		
3	64QAM	8	7	17.09	16.98	17.13		
3	64QAM	15	0	16.92	17.05	17.15		
3	256QAM	1	0	17.09	16.97	16.80	18.5	0
3	256QAM	1	8	17.04	17.14	16.98		
3	256QAM	1	14	16.97	16.97	16.86		
3	256QAM	8	0	17.00	16.77	17.11	18.5	0
3	256QAM	8	4	16.85	16.75	17.06		
3	256QAM	8	7	16.93	16.99	17.04		
3	256QAM	15	0	16.82	16.80	17.15		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	17.23	17.07	17.04	18.5	0
1.4	QPSK	1	3	16.99	17.13	17.12		
1.4	QPSK	1	5	17.13	17.09	17.17		
1.4	QPSK	3	0	17.17	17.13	16.98		
1.4	QPSK	3	1	17.22	17.16	17.10		
1.4	QPSK	3	3	17.17	17.05	17.19		
1.4	QPSK	6	0	17.12	17.14	16.95	18.5	0
1.4	16QAM	1	0	16.95	17.04	17.09	18.5	0
1.4	16QAM	1	3	16.92	16.97	17.01		
1.4	16QAM	1	5	17.05	16.97	17.15		
1.4	16QAM	3	0	17.11	17.08	17.06		
1.4	16QAM	3	1	17.01	17.17	17.03		
1.4	16QAM	3	3	16.97	17.11	17.09		
1.4	16QAM	6	0	16.99	16.97	17.12	18.5	0
1.4	64QAM	1	0	17.09	16.97	17.05	18.5	0
1.4	64QAM	1	3	17.01	17.07	17.04		
1.4	64QAM	1	5	17.11	17.11	17.14		
1.4	64QAM	3	0	16.97	16.94	17.22		
1.4	64QAM	3	1	17.22	17.06	17.11		
1.4	64QAM	3	3	17.04	16.99	17.20		
1.4	64QAM	6	0	17.00	17.10	17.18	18.5	0
1.4	256QAM	1	0	17.03	16.95	16.89	18.5	0
1.4	256QAM	1	3	17.13	17.14	16.83		
1.4	256QAM	1	5	17.01	16.95	16.89		
1.4	256QAM	3	0	17.00	16.75	17.11		
1.4	256QAM	3	1	16.88	16.83	17.07		
1.4	256QAM	3	3	16.92	16.89	16.97		
1.4	256QAM	6	0	16.81	16.89	17.01	18.5	0

Band 7_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.23	13.33	13.30	14.5	0
20	QPSK	1	49	13.19	13.25	13.21		
20	QPSK	1	99	13.10	13.15	13.14		
20	QPSK	50	0	13.09	13.27	13.23	14.5	0
20	QPSK	50	24	13.05	13.20	13.14		
20	QPSK	50	50	13.04	13.17	13.14		
20	QPSK	100	0	13.11	13.21	13.16		
20	16QAM	1	0	13.23	13.21	13.21	14.5	0
20	16QAM	1	49	13.15	13.23	13.21		
20	16QAM	1	99	12.96	13.22	13.16		
20	16QAM	50	0	13.04	13.31	13.18	14.5	0
20	16QAM	50	24	13.14	13.18	13.19		
20	16QAM	50	50	13.13	13.15	13.17		
20	16QAM	100	0	13.27	13.32	13.12		
20	64QAM	1	0	13.20	13.09	13.24	14.5	0
20	64QAM	1	49	13.08	12.94	13.03		
20	64QAM	1	99	12.97	13.31	13.12		
20	64QAM	50	0	13.02	13.03	13.14	14.5	0
20	64QAM	50	24	13.04	13.23	13.30		
20	64QAM	50	50	13.15	13.26	13.19		
20	64QAM	100	0	13.23	13.22	13.14		
20	256QAM	1	0	13.16	13.06	13.12	14.5	0
20	256QAM	1	49	13.10	12.90	12.97		
20	256QAM	1	99	12.96	13.25	13.10		
20	256QAM	50	0	12.89	13.00	13.14	14.5	0
20	256QAM	50	24	12.98	13.18	13.25		
20	256QAM	50	50	13.02	13.22	13.09		
20	256QAM	100	0	13.12	13.20	13.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.12	13.21	13.09	14.5	0
15	QPSK	1	37	13.15	13.17	13.02		
15	QPSK	1	74	12.93	12.93	12.95		
15	QPSK	36	0	12.91	13.09	13.14	14.5	0
15	QPSK	36	20	13.02	13.10	13.12		
15	QPSK	36	39	12.94	12.98	12.92		
15	QPSK	75	0	12.93	13.18	12.94		
15	16QAM	1	0	13.11	13.19	13.12	14.5	0
15	16QAM	1	37	12.96	13.18	13.06		
15	16QAM	1	74	12.85	13.02	13.09		
15	16QAM	36	0	12.82	13.17	12.99	14.5	0
15	16QAM	36	20	13.07	13.01	13.09		
15	16QAM	36	39	13.05	13.08	12.98		
15	16QAM	75	0	13.20	13.21	13.06		
15	64QAM	1	0	13.06	12.99	13.05	14.5	0
15	64QAM	1	37	12.93	12.82	12.97		
15	64QAM	1	74	12.85	13.16	12.97		
15	64QAM	36	0	12.91	12.82	13.12	14.5	0
15	64QAM	36	20	12.90	13.06	13.24		
15	64QAM	36	39	12.95	13.21	13.17		
15	64QAM	75	0	13.17	13.07	12.96		
15	256QAM	1	0	12.97	13.03	12.94	14.5	0
15	256QAM	1	37	13.07	12.76	12.84		
15	256QAM	1	74	12.78	13.14	13.08		
15	256QAM	36	0	12.75	12.81	12.96	14.5	0
15	256QAM	36	20	12.81	13.09	13.13		
15	256QAM	36	39	12.96	13.12	13.02		
15	256QAM	75	0	12.98	12.99	12.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.09	13.28	13.09	14.5	0
10	QPSK	1	25	13.03	13.12	13.07		
10	QPSK	1	49	13.05	13.02	13.02		
10	QPSK	25	0	12.92	13.25	13.10	14.5	0
10	QPSK	25	12	12.87	13.03	12.98		
10	QPSK	25	25	12.98	12.97	13.03		
10	QPSK	50	0	12.94	13.17	12.99		
10	16QAM	1	0	13.10	13.03	13.16	14.5	0
10	16QAM	1	25	13.06	13.15	13.10		
10	16QAM	1	49	12.80	13.13	12.96		
10	16QAM	25	0	12.87	13.27	13.04	14.5	0
10	16QAM	25	12	12.98	13.05	13.09		
10	16QAM	25	25	12.93	13.13	13.13		
10	16QAM	50	0	13.06	13.19	13.01		
10	64QAM	1	0	13.16	12.88	13.20	14.5	0
10	64QAM	1	25	12.91	12.72	12.97		
10	64QAM	1	49	12.95	13.24	12.97		
10	64QAM	25	0	12.92	12.90	13.07	14.5	0
10	64QAM	25	12	12.83	13.02	13.17		
10	64QAM	25	25	13.03	13.24	13.02		
10	64QAM	50	0	13.16	13.08	13.05		
10	256QAM	1	0	13.01	12.97	12.93	14.5	0
10	256QAM	1	25	13.07	12.81	12.83		
10	256QAM	1	49	12.75	13.05	12.91		
10	256QAM	25	0	12.86	12.98	13.02	14.5	0
10	256QAM	25	12	12.79	13.04	13.20		
10	256QAM	25	25	12.83	13.06	12.93		
10	256QAM	50	0	12.98	13.07	12.95		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.04	13.16	13.10	14.5	0
5	QPSK	1	12	13.06	13.03	13.02		
5	QPSK	1	24	12.91	13.04	13.03		
5	QPSK	12	0	12.95	13.05	13.01	14.5	0
5	QPSK	12	7	12.84	13.08	13.05		
5	QPSK	12	13	12.98	13.09	13.01		
5	QPSK	25	0	12.94	13.09	12.99		
5	16QAM	1	0	13.02	13.06	13.16	14.5	0
5	16QAM	1	12	13.07	13.13	13.08		
5	16QAM	1	24	12.84	13.01	13.11		
5	16QAM	12	0	12.95	13.11	13.11	14.5	0
5	16QAM	12	7	13.12	13.02	13.07		
5	16QAM	12	13	12.94	12.99	12.99		
5	16QAM	25	0	13.23	13.22	13.02		
5	64QAM	1	0	13.09	13.07	13.13	14.5	0
5	64QAM	1	12	12.92	12.81	12.82		
5	64QAM	1	24	12.82	13.17	13.03		
5	64QAM	12	0	12.85	12.86	13.11	14.5	0
5	64QAM	12	7	12.86	13.20	13.17		
5	64QAM	12	13	12.95	13.23	13.11		
5	64QAM	25	0	13.02	13.16	13.11		
5	256QAM	1	0	13.14	12.89	13.06	14.5	0
5	256QAM	1	12	12.88	12.87	12.80		
5	256QAM	1	24	12.81	13.20	12.94		
5	256QAM	12	0	12.68	12.88	13.04	14.5	0
5	256QAM	12	7	12.91	13.00	13.04		
5	256QAM	12	13	12.92	13.15	12.99		
5	256QAM	25	0	12.95	13.18	12.95		

Band 7_Ant 4_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	11.09	11.15	11.26	12.5	0
20	QPSK	1	49	11.02	11.17	11.19		
20	QPSK	1	99	11.13	11.17	11.20		
20	QPSK	50	0	11.13	11.19	11.22	12.5	0
20	QPSK	50	24	11.14	11.16	11.17		
20	QPSK	50	50	11.09	11.12	11.14		
20	QPSK	100	0	11.11	11.13	11.16		
20	16QAM	1	0	10.77	11.13	10.77	12.5	0
20	16QAM	1	49	10.79	11.14	10.86		
20	16QAM	1	99	10.81	11.23	10.94		
20	16QAM	50	0	11.09	11.16	11.17	12.5	0
20	16QAM	50	24	11.13	11.21	11.12		
20	16QAM	50	50	11.09	11.17	11.16		
20	16QAM	100	0	11.21	11.14	11.15		
20	64QAM	1	0	10.92	11.13	10.99	12.5	0
20	64QAM	1	49	10.94	11.24	11.00		
20	64QAM	1	99	10.94	11.12	11.01		
20	64QAM	50	0	11.13	11.15	11.16	12.5	0
20	64QAM	50	24	11.14	11.14	11.21		
20	64QAM	50	50	11.10	11.11	11.16		
20	64QAM	100	0	11.15	11.07	11.24		
20	256QAM	1	0	11.16	11.06	11.22	12.5	0
20	256QAM	1	49	11.21	11.09	11.24		
20	256QAM	1	99	11.24	11.13	11.13		
20	256QAM	50	0	11.17	11.15	11.17	12.5	0
20	256QAM	50	24	11.11	11.12	11.16		
20	256QAM	50	50	11.13	11.14	11.04		
20	256QAM	100	0	11.14	11.03	11.15		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	11.07	11.06	11.17	12.5	0
15	QPSK	1	37	10.82	10.97	11.10		
15	QPSK	1	74	10.95	11.15	11.01		
15	QPSK	36	0	11.04	11.01	11.00	12.5	0
15	QPSK	36	20	11.02	10.98	11.05		
15	QPSK	36	39	11.00	10.90	11.03		
15	QPSK	75	0	10.95	11.08	10.95		
15	16QAM	1	0	10.63	10.96	10.60	12.5	0
15	16QAM	1	37	10.76	10.93	10.81		
15	16QAM	1	74	10.59	11.18	10.82		
15	16QAM	36	0	10.95	10.95	11.04	12.5	0
15	16QAM	36	20	10.99	11.09	11.10		
15	16QAM	36	39	11.05	11.06	11.00		
15	16QAM	75	0	11.14	11.10	11.00		
15	64QAM	1	0	10.87	11.10	10.97	12.5	0
15	64QAM	1	37	10.91	11.09	10.87		
15	64QAM	1	74	10.87	11.10	10.87		
15	64QAM	36	0	11.02	11.05	11.11	12.5	0
15	64QAM	36	20	11.05	10.93	11.07		
15	64QAM	36	39	10.97	10.90	11.10		
15	64QAM	75	0	11.12	11.01	11.15		
15	256QAM	1	0	11.14	11.03	11.04	12.5	0
15	256QAM	1	37	11.17	10.91	11.06		
15	256QAM	1	74	11.17	10.98	11.07		
15	256QAM	36	0	11.06	11.00	10.97	12.5	0
15	256QAM	36	20	11.00	10.95	11.09		
15	256QAM	36	39	11.05	11.12	10.83		
15	256QAM	75	0	10.98	10.81	11.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	11.04	11.06	11.16	12.5	0
10	QPSK	1	25	10.85	11.13	11.02		
10	QPSK	1	49	11.00	11.15	11.15		
10	QPSK	25	0	10.99	11.16	11.12	12.5	0
10	QPSK	25	12	10.97	10.95	11.05		
10	QPSK	25	25	11.05	11.06	10.97		
10	QPSK	50	0	11.03	11.00	11.03		
10	16QAM	1	0	10.75	10.99	10.56	12.5	0
10	16QAM	1	25	10.65	10.96	10.72		
10	16QAM	1	49	10.78	11.04	10.75		
10	16QAM	25	0	11.01	11.08	10.96	12.5	0
10	16QAM	25	12	10.92	11.10	11.04		
10	16QAM	25	25	11.06	10.95	10.95		
10	16QAM	50	0	11.06	11.10	10.95		
10	64QAM	1	0	10.82	10.93	10.79	12.5	0
10	64QAM	1	25	10.78	11.07	10.78		
10	64QAM	1	49	10.75	10.96	10.89		
10	64QAM	25	0	10.98	10.93	11.14	12.5	0
10	64QAM	25	12	10.97	11.02	11.05		
10	64QAM	25	25	11.01	10.91	11.01		
10	64QAM	50	0	10.97	10.87	11.11		
10	256QAM	1	0	10.97	10.99	11.07	12.5	0
10	256QAM	1	25	11.12	10.97	11.14		
10	256QAM	1	49	11.14	10.93	10.99		
10	256QAM	25	0	10.98	11.10	11.12	12.5	0
10	256QAM	25	12	10.93	11.06	11.14		
10	256QAM	25	25	10.92	11.04	11.00		
10	256QAM	50	0	10.99	10.88	10.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	11.07	11.00	11.17	12.5	0
5	QPSK	1	12	10.90	11.08	11.02		
5	QPSK	1	24	11.02	10.98	11.01		
5	QPSK	12	0	11.05	11.14	11.11	12.5	0
5	QPSK	12	7	10.96	11.06	11.07		
5	QPSK	12	13	10.93	11.08	10.99		
5	QPSK	25	0	10.97	11.05	11.11		
5	16QAM	1	0	10.63	10.97	10.62	12.5	0
5	16QAM	1	12	10.74	11.07	10.79		
5	16QAM	1	24	10.78	11.05	10.82		
5	16QAM	12	0	10.90	11.03	10.99	12.5	0
5	16QAM	12	7	11.06	11.13	10.93		
5	16QAM	12	13	10.94	11.09	11.08		
5	16QAM	25	0	11.06	11.09	11.08		
5	64QAM	1	0	10.70	11.10	10.92	12.5	0
5	64QAM	1	12	10.77	11.10	10.83		
5	64QAM	1	24	10.85	10.91	10.96		
5	64QAM	12	0	10.94	10.97	10.95	12.5	0
5	64QAM	12	7	11.05	10.97	11.11		
5	64QAM	12	13	10.93	11.05	10.97		
5	64QAM	25	0	10.99	11.04	11.16		
5	256QAM	1	0	11.10	11.00	11.01	12.5	0
5	256QAM	1	12	11.10	10.89	11.16		
5	256QAM	1	24	11.14	11.02	11.04		
5	256QAM	12	0	10.95	11.01	11.01	12.5	0
5	256QAM	12	7	10.99	10.96	11.02		
5	256QAM	12	13	11.11	11.09	10.91		
5	256QAM	25	0	10.93	10.82	11.05		

Band 66_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	11.64	11.81	11.71	13	0
20	QPSK	1	49	11.56	11.64	11.66		
20	QPSK	1	99	11.43	11.52	11.5		
20	QPSK	50	0	11.62	11.76	11.65	13	0
20	QPSK	50	24	11.62	11.74	11.72		
20	QPSK	50	50	11.61	11.68	11.63		
20	QPSK	100	0	11.48	11.72	11.69		
20	16QAM	1	0	11.69	11.78	11.69	13	0
20	16QAM	1	49	11.62	11.55	11.52		
20	16QAM	1	99	11.52	11.64	11.61		
20	16QAM	50	0	11.5	11.52	11.64	13	0
20	16QAM	50	24	11.49	11.64	11.7		
20	16QAM	50	50	11.41	11.4	11.7		
20	16QAM	100	0	11.46	11.74	11.62		
20	64QAM	1	0	11.58	11.79	11.74	13	0
20	64QAM	1	49	11.42	11.75	11.6		
20	64QAM	1	99	11.71	11.68	11.3		
20	64QAM	50	0	11.69	11.69	11.56	13	0
20	64QAM	50	24	11.72	11.69	11.79		
20	64QAM	50	50	11.49	11.54	11.62		
20	64QAM	100	0	11.48	11.7	11.65		
20	256QAM	1	0	11.44	11.71	11.59	13	0
20	256QAM	1	49	11.41	11.77	11.47		
20	256QAM	1	99	11.73	11.50	11.15		
20	256QAM	50	0	11.60	11.71	11.45	13	0
20	256QAM	50	24	11.68	11.66	11.76		
20	256QAM	50	50	11.46	11.42	11.51		
20	256QAM	100	0	11.40	11.59	11.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	11.63	11.62	11.54	13	0
15	QPSK	1	37	11.53	11.61	11.45		
15	QPSK	1	74	11.37	11.46	11.39		
15	QPSK	36	0	11.53	11.75	11.58	13	0
15	QPSK	36	20	11.49	11.59	11.56		
15	QPSK	36	39	11.52	11.53	11.51		
15	QPSK	75	0	11.37	11.66	11.54		
15	16QAM	1	0	11.61	11.76	11.60	13	0
15	16QAM	1	37	11.57	11.41	11.40		
15	16QAM	1	74	11.50	11.55	11.49		
15	16QAM	36	0	11.46	11.50	11.44	13	0
15	16QAM	36	20	11.45	11.53	11.55		
15	16QAM	36	39	11.25	11.34	11.67		
15	16QAM	75	0	11.42	11.63	11.53		
15	64QAM	1	0	11.48	11.72	11.57	13	0
15	64QAM	1	37	11.28	11.62	11.58		
15	64QAM	1	74	11.65	11.67	11.18		
15	64QAM	36	0	11.64	11.49	11.42	13	0
15	64QAM	36	20	11.71	11.53	11.62		
15	64QAM	36	39	11.45	11.36	11.46		
15	64QAM	75	0	11.34	11.51	11.56		
15	256QAM	1	0	11.35	11.50	11.42	13	0
15	256QAM	1	37	11.21	11.67	11.28		
15	256QAM	1	74	11.54	11.32	11.43		
15	256QAM	36	0	11.46	11.56	11.38	13	0
15	256QAM	36	20	11.50	11.62	11.62		
15	256QAM	36	39	11.34	11.33	11.48		
15	256QAM	75	0	11.37	11.49	11.52		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	11.57	11.70	11.50	13	0
10	QPSK	1	25	11.45	11.50	11.50		
10	QPSK	1	49	11.22	11.38	11.31		
10	QPSK	25	0	11.44	11.70	11.64	13	0
10	QPSK	25	12	11.61	11.73	11.52		
10	QPSK	25	25	11.57	11.57	11.60		
10	QPSK	50	0	11.46	11.55	11.50		
10	16QAM	1	0	11.58	11.69	11.52	13	0
10	16QAM	1	25	11.45	11.53	11.33		
10	16QAM	1	49	11.37	11.54	11.57		
10	16QAM	25	0	11.33	11.50	11.58	13	0
10	16QAM	25	12	11.42	11.49	11.53		
10	16QAM	25	25	11.35	11.22	11.59		
10	16QAM	50	0	11.44	11.58	11.56		
10	64QAM	1	0	11.41	11.77	11.71	13	0
10	64QAM	1	25	11.25	11.69	11.40		
10	64QAM	1	49	11.56	11.62	11.29		
10	64QAM	25	0	11.60	11.68	11.50	13	0
10	64QAM	25	12	11.65	11.67	11.77		
10	64QAM	25	25	11.38	11.33	11.47		
10	64QAM	50	0	11.42	11.66	11.50		
10	256QAM	1	0	11.25	11.70	11.39	13	0
10	256QAM	1	25	11.33	11.61	11.45		
10	256QAM	1	49	11.57	11.42	11.05		
10	256QAM	25	0	11.59	11.55	11.44	13	0
10	256QAM	25	12	11.55	11.62	11.73		
10	256QAM	25	25	11.26	11.26	11.50		
10	256QAM	50	0	11.33	11.58	11.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	11.59	11.71	11.55	13	0
5	QPSK	1	12	11.51	11.45	11.63		
5	QPSK	1	24	11.42	11.40	11.42		
5	QPSK	12	0	11.60	11.69	11.50	13	0
5	QPSK	12	7	11.45	11.63	11.63		
5	QPSK	12	13	11.52	11.58	11.58		
5	QPSK	25	0	11.41	11.59	11.59		
5	16QAM	1	0	11.67	11.77	11.63	13	0
5	16QAM	1	12	11.58	11.34	11.50		
5	16QAM	1	24	11.33	11.47	11.60		
5	16QAM	12	0	11.31	11.45	11.60	13	0
5	16QAM	12	7	11.40	11.43	11.68		
5	16QAM	12	13	11.39	11.38	11.63		
5	16QAM	25	0	11.42	11.68	11.43		
5	64QAM	1	0	11.46	11.72	11.71	13	0
5	64QAM	1	12	11.21	11.66	11.57		
5	64QAM	1	24	11.52	11.58	11.13		
5	64QAM	12	0	11.60	11.57	11.45	13	0
5	64QAM	12	7	11.59	11.64	11.74		
5	64QAM	12	13	11.40	11.48	11.48		
5	64QAM	25	0	11.27	11.63	11.45		
5	256QAM	1	0	11.27	11.62	11.44	13	0
5	256QAM	1	12	11.20	11.58	11.29		
5	256QAM	1	24	11.53	11.30	11.00		
5	256QAM	12	0	11.43	11.65	11.31	13	0
5	256QAM	12	7	11.56	11.51	11.56		
5	256QAM	12	13	11.39	11.34	11.44		
5	256QAM	25	0	11.29	11.46	11.49		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	11.47	11.63	11.64	13	0
3	QPSK	1	8	11.35	11.43	11.45		
3	QPSK	1	14	11.37	11.46	11.47		
3	QPSK	8	0	11.58	11.73	11.48	13	0
3	QPSK	8	4	11.51	11.64	11.52		
3	QPSK	8	7	11.51	11.65	11.58		
3	QPSK	15	0	11.27	11.53	11.54		
3	16QAM	1	0	11.52	11.68	11.59	13	0
3	16QAM	1	8	11.60	11.40	11.48		
3	16QAM	1	14	11.31	11.47	11.40		
3	16QAM	8	0	11.47	11.33	11.44	13	0
3	16QAM	8	4	11.32	11.51	11.69		
3	16QAM	8	7	11.39	11.21	11.64		
3	16QAM	15	0	11.37	11.68	11.46		
3	64QAM	1	0	11.52	11.63	11.68	13	0
3	64QAM	1	8	11.37	11.55	11.40		
3	64QAM	1	14	11.66	11.62	11.11		
3	64QAM	8	0	11.68	11.63	11.43	13	0
3	64QAM	8	4	11.51	11.49	11.73		
3	64QAM	8	7	11.31	11.36	11.48		
3	64QAM	15	0	11.32	11.60	11.45		
3	256QAM	1	0	11.29	11.61	11.47	13	0
3	256QAM	1	8	11.37	11.71	11.38		
3	256QAM	1	14	11.70	11.42	11.03		
3	256QAM	8	0	11.59	11.66	11.26	13	0
3	256QAM	8	4	11.64	11.61	11.69		
3	256QAM	8	7	11.35	11.29	11.32		
3	256QAM	15	0	11.38	11.56	11.48		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	11.63	11.77	11.65	13	0
1.4	QPSK	1	3	11.43	11.55	11.58		
1.4	QPSK	1	5	11.23	11.41	11.30		
1.4	QPSK	3	0	11.45	11.66	11.56		
1.4	QPSK	3	1	11.47	11.53	11.62		
1.4	QPSK	3	3	11.42	11.59	11.55		
1.4	QPSK	6	0	11.40	11.65	11.60	13	0
1.4	16QAM	1	0	11.59	11.65	11.63	13	0
1.4	16QAM	1	3	11.41	11.43	11.36		
1.4	16QAM	1	5	11.34	11.43	11.46		
1.4	16QAM	3	0	11.36	11.42	11.55		
1.4	16QAM	3	1	11.40	11.45	11.53		
1.4	16QAM	3	3	11.22	11.27	11.67		
1.4	16QAM	6	0	11.25	11.73	11.47	13	0
1.4	64QAM	1	0	11.50	11.67	11.67	13	0
1.4	64QAM	1	3	11.25	11.72	11.43		
1.4	64QAM	1	5	11.57	11.48	11.23		
1.4	64QAM	3	0	11.67	11.53	11.37		
1.4	64QAM	3	1	11.69	11.50	11.63		
1.4	64QAM	3	3	11.37	11.38	11.58		
1.4	64QAM	6	0	11.43	11.53	11.60	13	0
1.4	256QAM	1	0	11.35	11.65	11.50	13	0
1.4	256QAM	1	3	11.35	11.68	11.43		
1.4	256QAM	1	5	11.52	11.46	11.32		
1.4	256QAM	3	0	11.51	11.68	11.35		
1.4	256QAM	3	1	11.62	11.63	11.57		
1.4	256QAM	3	3	11.45	11.33	11.48		
1.4	256QAM	6	0	11.24	11.52	11.63	13	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.07	20.18	20.01		
20	QPSK	1	49	20.02	20.10	19.98	21	0
20	QPSK	1	99	20.00	20.15	19.99		
20	QPSK	50	0	20.04	20.16	20.01		
20	QPSK	50	24	20.00	20.00	19.96	21	0
20	QPSK	50	50	19.98	20.07	19.95		
20	QPSK	100	0	20.04	20.08	20.01		
20	16QAM	1	0	20.13	20.03	19.68		
20	16QAM	1	49	20.12	20.11	19.82	21	0
20	16QAM	1	99	20.15	20.09	20.11		
20	16QAM	50	0	19.99	19.98	19.76		
20	16QAM	50	24	20.04	20.08	19.85	21	0
20	16QAM	50	50	20.16	20.12	19.99		
20	16QAM	100	0	20.14	20.14	19.82		
20	64QAM	1	0	19.73	19.52	19.63		
20	64QAM	1	49	19.91	19.86	19.48	21	0
20	64QAM	1	99	19.84	19.96	19.80		
20	64QAM	50	0	20.02	19.91	19.71		
20	64QAM	50	24	20.01	20.04	19.78	21	0
20	64QAM	50	50	20.10	20.07	19.89		
20	64QAM	100	0	20.07	20.00	19.73		
20	256QAM	1	0	17.73	17.61	17.58		
20	256QAM	1	49	17.79	17.68	17.41	18.5	2.5
20	256QAM	1	99	17.53	17.53	17.32		
20	256QAM	50	0	18.03	17.91	17.81		
20	256QAM	50	24	17.98	17.70	17.78	18.5	2.5
20	256QAM	50	50	17.78	17.65	17.61		
20	256QAM	100	0	17.71	17.70	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.90	19.96	19.89		
15	QPSK	1	37	19.84	20.05	19.76	21	0
15	QPSK	1	74	19.96	19.98	19.77		
15	QPSK	36	0	19.84	20.12	19.81		
15	QPSK	36	20	19.85	19.94	19.82	21	0
15	QPSK	36	39	19.82	19.91	19.80		
15	QPSK	75	0	19.93	19.98	19.89		
15	16QAM	1	0	19.96	19.98	19.66		
15	16QAM	1	37	20.04	20.05	19.74	21	0
15	16QAM	1	74	20.12	19.95	19.98		
15	16QAM	36	0	19.89	19.76	19.68		
15	16QAM	36	20	20.02	19.92	19.77	21	0
15	16QAM	36	39	19.96	20.09	19.81		
15	16QAM	75	0	19.92	19.96	19.69		
15	64QAM	1	0	19.66	19.42	19.56		
15	64QAM	1	37	19.79	19.78	19.45	21	0
15	64QAM	1	74	19.62	19.92	19.66		
15	64QAM	36	0	19.81	19.88	19.53		
15	64QAM	36	20	19.87	19.93	19.70	21	0
15	64QAM	36	39	20.01	19.85	19.80		
15	64QAM	75	0	19.92	19.93	19.57		
15	256QAM	1	0	17.53	17.57	17.53		
15	256QAM	1	37	17.57	17.56	17.21	18.5	2.5
15	256QAM	1	74	17.45	17.34	17.22		
15	256QAM	36	0	17.97	17.75	17.71		
15	256QAM	36	20	17.79	17.53	17.69	18.5	2.5
15	256QAM	36	39	17.57	17.60	17.53		
15	256QAM	75	0	17.50	17.54	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.94	20.11	19.79		
10	QPSK	1	25	19.96	20.04	19.83	21	0
10	QPSK	1	49	19.88	20.05	19.83		
10	QPSK	25	0	19.88	20.05	19.99		
10	QPSK	25	12	19.98	19.97	19.76	21	0
10	QPSK	25	25	19.93	19.99	19.91		
10	QPSK	50	0	19.89	19.99	19.86		
10	16QAM	1	0	20.04	20.01	19.48		
10	16QAM	1	25	19.92	19.97	19.69	21	0
10	16QAM	1	49	20.00	19.91	20.02		
10	16QAM	25	0	19.94	19.87	19.60		
10	16QAM	25	12	19.93	19.94	19.74	21	0
10	16QAM	25	25	20.13	20.05	19.94		
10	16QAM	50	0	19.96	20.11	19.68		
10	64QAM	1	0	19.57	19.48	19.49		
10	64QAM	1	25	19.83	19.73	19.33	21	0
10	64QAM	1	49	19.69	19.82	19.62		
10	64QAM	25	0	19.82	19.77	19.49		
10	64QAM	25	12	19.85	19.84	19.63	21	0
10	64QAM	25	25	20.07	19.88	19.70		
10	64QAM	50	0	19.86	19.82	19.53		
10	256QAM	1	0	17.58	17.45	17.51		
10	256QAM	1	25	17.75	17.65	17.34	18.5	2.5
10	256QAM	1	49	17.42	17.44	17.10		
10	256QAM	25	0	17.93	17.83	17.64		
10	256QAM	25	12	17.79	17.51	17.65	18.5	2.5
10	256QAM	25	25	17.72	17.45	17.47		
10	256QAM	50	0	17.67	17.57	17.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.94	20.06	19.96		
5	QPSK	1	12	19.94	20.04	19.92	21	0
5	QPSK	1	24	19.84	20.01	19.90		
5	QPSK	12	0	19.94	19.98	19.83		
5	QPSK	12	7	19.84	19.80	19.79	21	0
5	QPSK	12	13	19.82	19.93	19.73		
5	QPSK	25	0	19.93	20.06	19.86		
5	16QAM	1	0	20.11	19.84	19.47		
5	16QAM	1	12	20.07	20.06	19.71	21	0
5	16QAM	1	24	20.09	20.03	19.96		
5	16QAM	12	0	19.78	19.79	19.73		
5	16QAM	12	7	19.87	19.91	19.73	21	0
5	16QAM	12	13	20.14	20.10	19.81		
5	16QAM	25	0	20.03	19.96	19.66		
5	64QAM	1	0	19.69	19.31	19.48		
5	64QAM	1	12	19.87	19.84	19.46	21	0
5	64QAM	1	24	19.79	19.78	19.58		
5	64QAM	12	0	19.85	19.76	19.69		
5	64QAM	12	7	19.81	19.88	19.76	21	0
5	64QAM	12	13	19.93	19.98	19.72		
5	64QAM	25	0	19.90	19.79	19.66		
5	256QAM	1	0	17.63	17.45	17.40		
5	256QAM	1	12	17.66	17.47	17.39	18.5	2.5
5	256QAM	1	24	17.37	17.45	17.25		
5	256QAM	12	0	17.90	17.71	17.69		
5	256QAM	12	7	17.83	17.67	17.65	18.5	2.5
5	256QAM	12	13	17.68	17.55	17.47		
5	256QAM	25	0	17.67	17.53	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.57	19.78	19.76		
20	QPSK	1	49	19.45	19.64	19.54	21	0
20	QPSK	1	99	19.55	19.71	19.67		
20	QPSK	50	0	19.45	19.76	19.59		
20	QPSK	50	24	19.55	19.57	19.51	21	0
20	QPSK	50	50	19.39	19.58	19.43		
20	QPSK	100	0	19.31	19.63	19.51		
20	16QAM	1	0	19.60	19.73	19.50		
20	16QAM	1	49	19.60	19.47	19.36	21	0
20	16QAM	1	99	19.68	19.37	19.32		
20	16QAM	50	0	19.71	19.74	19.52		
20	16QAM	50	24	19.66	19.50	19.43	21	0
20	16QAM	50	50	19.55	19.44	19.41		
20	16QAM	100	0	19.67	19.56	19.49		
20	64QAM	1	0	19.32	19.34	19.23		
20	64QAM	1	49	19.32	19.35	19.15	21	0
20	64QAM	1	99	19.18	19.04	19.05		
20	64QAM	50	0	19.72	19.66	19.64		
20	64QAM	50	24	19.65	19.57	19.46	21	0
20	64QAM	50	50	19.58	19.41	19.36		
20	64QAM	100	0	19.76	19.57	19.47		
20	256QAM	1	0	17.62	17.63	17.54		
20	256QAM	1	49	17.45	17.35	17.27	18.5	2.5
20	256QAM	1	99	17.49	17.35	17.33		
20	256QAM	50	0	17.84	17.66	17.55		
20	256QAM	50	24	17.69	17.57	17.64	18.5	2.5
20	256QAM	50	50	17.67	17.56	17.70		
20	256QAM	100	0	17.67	17.60	17.62		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.37	19.63	19.69		
15	QPSK	1	37	19.28	19.56	19.37	21	0
15	QPSK	1	74	19.52	19.66	19.62		
15	QPSK	36	0	19.24	19.71	19.41		
15	QPSK	36	20	19.34	19.39	19.43	21	0
15	QPSK	36	39	19.17	19.44	19.34		
15	QPSK	75	0	19.09	19.57	19.38		
15	16QAM	1	0	19.39	19.55	19.36		
15	16QAM	1	37	19.57	19.34	19.32	21	0
15	16QAM	1	74	19.64	19.32	19.14		
15	16QAM	36	0	19.55	19.57	19.33		
15	16QAM	36	20	19.63	19.32	19.29	21	0
15	16QAM	36	39	19.48	19.34	19.34		
15	16QAM	75	0	19.53	19.38	19.32		
15	64QAM	1	0	19.30	19.36	19.39		
15	64QAM	1	37	19.44	19.42	19.16	21	0
15	64QAM	1	74	19.35	19.13	19.10		
15	64QAM	36	0	19.52	19.58	19.62		
15	64QAM	36	20	19.61	19.47	19.40	21	0
15	64QAM	36	39	19.53	19.20	19.17		
15	64QAM	75	0	19.67	19.42	19.36		
15	256QAM	1	0	17.60	17.59	17.46		
15	256QAM	1	37	17.39	17.18	17.06	18.5	2.5
15	256QAM	1	74	17.37	17.22	17.18		
15	256QAM	36	0	17.79	17.57	17.42		
15	256QAM	36	20	17.52	17.38	17.48	18.5	2.5
15	256QAM	36	39	17.61	17.45	17.51		
15	256QAM	75	0	17.48	17.39	17.40		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.35	19.68	19.54		
10	QPSK	1	25	19.33	19.61	19.47	21	0
10	QPSK	1	49	19.48	19.62	19.56		
10	QPSK	25	0	19.42	19.57	19.57		
10	QPSK	25	12	19.34	19.44	19.34	21	0
10	QPSK	25	25	19.33	19.43	19.35		
10	QPSK	50	0	19.24	19.47	19.29		
10	16QAM	1	0	19.47	19.67	19.40		
10	16QAM	1	25	19.46	19.44	19.29	21	0
10	16QAM	1	49	19.56	19.31	19.23		
10	16QAM	25	0	19.50	19.68	19.37		
10	16QAM	25	12	19.53	19.47	19.28	21	0
10	16QAM	25	25	19.46	19.39	19.28		
10	16QAM	50	0	19.54	19.36	19.28		
10	64QAM	1	0	19.39	19.50	19.35		
10	64QAM	1	25	19.50	19.34	19.29	21	0
10	64QAM	1	49	19.35	19.08	19.21		
10	64QAM	25	0	19.55	19.63	19.60		
10	64QAM	25	12	19.49	19.39	19.42	21	0
10	64QAM	25	25	19.52	19.37	19.24		
10	64QAM	50	0	19.58	19.46	19.35		
10	256QAM	1	0	17.41	17.59	17.51		
10	256QAM	1	25	17.38	17.16	17.22	18.5	2.5
10	256QAM	1	49	17.38	17.13	17.18		
10	256QAM	25	0	17.80	17.58	17.39		
10	256QAM	25	12	17.59	17.54	17.51	18.5	2.5
10	256QAM	25	25	17.59	17.40	17.52		
10	256QAM	50	0	17.62	17.44	17.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.46	19.62	19.57		
5	QPSK	1	12	19.38	19.44	19.36	21	0
5	QPSK	1	24	19.33	19.50	19.62		
5	QPSK	12	0	19.40	19.62	19.37		
5	QPSK	12	7	19.43	19.43	19.33	21	0
5	QPSK	12	13	19.24	19.45	19.34		
5	QPSK	25	0	19.18	19.58	19.41		
5	16QAM	1	0	19.43	19.69	19.43		
5	16QAM	1	12	19.44	19.44	19.14	21	0
5	16QAM	1	24	19.50	19.31	19.23		
5	16QAM	12	0	19.64	19.70	19.33		
5	16QAM	12	7	19.48	19.45	19.40	21	0
5	16QAM	12	13	19.37	19.36	19.26		
5	16QAM	25	0	19.45	19.36	19.28		
5	64QAM	1	0	19.49	19.45	19.26		
5	64QAM	1	12	19.47	19.44	19.14	21	0
5	64QAM	1	24	19.22	19.15	19.18		
5	64QAM	12	0	19.56	19.63	19.55		
5	64QAM	12	7	19.43	19.51	19.39	21	0
5	64QAM	12	13	19.49	19.28	19.33		
5	64QAM	25	0	19.62	19.52	19.44		
5	256QAM	1	0	17.41	17.61	17.51		
5	256QAM	1	12	17.38	17.24	17.08	18.5	2.5
5	256QAM	1	24	17.38	17.19	17.13		
5	256QAM	12	0	17.76	17.45	17.35		
5	256QAM	12	7	17.55	17.41	17.43	18.5	2.5
5	256QAM	12	13	17.59	17.53	17.50		
5	256QAM	25	0	17.53	17.42	17.41		

Band 38_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.98	17.13	17.02	18	0
20	QPSK	1	49	16.83	16.97	16.94		
20	QPSK	1	99	16.85	17.06	17.01		
20	QPSK	50	0	16.87	17.1	17.02	18	0
20	QPSK	50	24	16.86	16.92	16.87		
20	QPSK	50	50	16.82	16.98	16.85		
20	QPSK	100	0	16.9	17.08	16.95		
20	16QAM	1	0	17.1	17.01	16.61	18	0
20	16QAM	1	49	17	17.07	16.7		
20	16QAM	1	99	17.05	17.04	17.06		
20	16QAM	50	0	16.97	16.96	16.62	18	0
20	16QAM	50	24	17	16.95	16.78		
20	16QAM	50	50	17.05	16.98	16.81		
20	16QAM	100	0	17.02	16.96	16.8		
20	64QAM	1	0	16.72	16.49	16.46	18	0
20	64QAM	1	49	16.91	16.73	16.7		
20	64QAM	1	99	16.83	16.95	16.73		
20	64QAM	50	0	17.01	16.74	16.72	18	0
20	64QAM	50	24	16.98	16.92	16.7		
20	64QAM	50	50	16.94	16.93	16.78		
20	64QAM	100	0	16.91	16.95	16.66		
20	256QAM	1	0	16.52	16.68	16.37	18	0
20	256QAM	1	49	16.78	16.55	16.61		
20	256QAM	1	99	16.74	16.59	16.50		
20	256QAM	50	0	16.87	16.77	16.55	18	0
20	256QAM	50	24	16.76	16.72	16.56		
20	256QAM	50	50	16.76	16.72	16.71		
20	256QAM	100	0	16.85	16.58	16.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.94	17.02	16.85	18	0
15	QPSK	1	37	16.63	16.87	16.84		
15	QPSK	1	74	16.70	16.90	16.99		
15	QPSK	36	0	16.78	16.96	16.85	18	0
15	QPSK	36	20	16.65	16.72	16.84		
15	QPSK	36	39	16.73	16.87	16.74		
15	QPSK	75	0	16.87	17.04	16.77		
15	16QAM	1	0	17.00	16.95	16.61	18	0
15	16QAM	1	37	17.02	17.06	16.53		
15	16QAM	1	74	17.02	17.02	17.02		
15	16QAM	36	0	16.78	16.94	16.59	18	0
15	16QAM	36	20	16.97	16.82	16.65		
15	16QAM	36	39	16.93	16.92	16.74		
15	16QAM	75	0	16.87	16.87	16.67		
15	64QAM	1	0	16.63	16.45	16.36	18	0
15	64QAM	1	37	16.80	16.52	16.52		
15	64QAM	1	74	16.70	16.93	16.69		
15	64QAM	36	0	16.93	16.73	16.68	18	0
15	64QAM	36	20	16.86	16.71	16.58		
15	64QAM	36	39	16.78	16.74	16.63		
15	64QAM	75	0	16.71	16.76	16.61		
15	256QAM	1	0	16.35	16.50	16.16	18	0
15	256QAM	1	37	16.75	16.49	16.54		
15	256QAM	1	74	16.70	16.39	16.33		
15	256QAM	36	0	16.83	16.70	16.35	18	0
15	256QAM	36	20	16.60	16.56	16.55		
15	256QAM	36	39	16.65	16.51	16.54		
15	256QAM	75	0	16.69	16.52	16.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.78	17.10	16.84	18	0
10	QPSK	1	25	16.78	16.76	16.75		
10	QPSK	1	49	16.65	17.00	17.00		
10	QPSK	25	0	16.66	16.89	16.91	18	0
10	QPSK	25	12	16.80	16.80	16.72		
10	QPSK	25	25	16.76	16.91	16.80		
10	QPSK	50	0	16.77	17.07	16.74		
10	16QAM	1	0	17.03	16.84	16.54	18	0
10	16QAM	1	25	16.91	16.95	16.57		
10	16QAM	1	49	16.89	16.85	16.90		
10	16QAM	25	0	16.77	16.90	16.59	18	0
10	16QAM	25	12	16.79	16.76	16.72		
10	16QAM	25	25	16.98	16.87	16.74		
10	16QAM	50	0	16.83	16.94	16.66		
10	64QAM	1	0	16.68	16.44	16.30	18	0
10	64QAM	1	25	16.80	16.66	16.61		
10	64QAM	1	49	16.65	16.78	16.69		
10	64QAM	25	0	16.89	16.56	16.54	18	0
10	64QAM	25	12	16.94	16.88	16.59		
10	64QAM	25	25	16.88	16.87	16.75		
10	64QAM	50	0	16.70	16.81	16.64		
10	256QAM	1	0	16.36	16.50	16.24	18	0
10	256QAM	1	25	16.57	16.46	16.60		
10	256QAM	1	49	16.71	16.50	16.39		
10	256QAM	25	0	16.82	16.69	16.38	18	0
10	256QAM	25	12	16.70	16.52	16.39		
10	256QAM	25	25	16.65	16.54	16.53		
10	256QAM	50	0	16.77	16.40	16.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.82	16.97	16.95	18	0
5	QPSK	1	12	16.74	16.95	16.75		
5	QPSK	1	24	16.74	17.05	16.96		
5	QPSK	12	0	16.79	16.98	16.83	18	0
5	QPSK	12	7	16.80	16.77	16.68		
5	QPSK	12	13	16.74	16.90	16.75		
5	QPSK	25	0	16.76	17.05	16.79		
5	16QAM	1	0	17.01	17.00	16.52	18	0
5	16QAM	1	12	16.98	17.04	16.54		
5	16QAM	1	24	16.99	17.03	17.00		
5	16QAM	12	0	16.87	16.90	16.51	18	0
5	16QAM	12	7	16.97	16.87	16.75		
5	16QAM	12	13	16.98	16.79	16.80		
5	16QAM	25	0	16.87	16.88	16.63		
5	64QAM	1	0	16.71	16.44	16.43	18	0
5	64QAM	1	12	16.85	16.57	16.57		
5	64QAM	1	24	16.75	16.75	16.60		
5	64QAM	12	0	16.87	16.58	16.66	18	0
5	64QAM	12	7	16.94	16.78	16.56		
5	64QAM	12	13	16.73	16.73	16.73		
5	64QAM	25	0	16.83	16.78	16.46		
5	256QAM	1	0	16.43	16.58	16.16	18	0
5	256QAM	1	12	16.63	16.43	16.51		
5	256QAM	1	24	16.59	16.47	16.32		
5	256QAM	12	0	16.82	16.70	16.48	18	0
5	256QAM	12	7	16.67	16.69	16.50		
5	256QAM	12	13	16.74	16.62	16.59		
5	256QAM	25	0	16.81	16.57	16.28		

Reduced Power Mode for Handheld on

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.08	20.01	20.02	21.50	19.53	19.45	19.23	21.00
3GPP Rel 99	RMC 12.2Kbps	20.11	20.07	20.05	21.50	19.55	19.47	19.24	21.00
3GPP Rel 6	HSDPA Subtest-1	19.12	19.07	19.07	20.50	18.66	18.52	18.38	20.00
3GPP Rel 6	HSDPA Subtest-2	19.10	19.06	19.05	20.50	18.64	18.62	18.37	20.00
3GPP Rel 6	HSDPA Subtest-3	18.64	18.61	18.57	20.00	18.11	18.25	17.98	19.50
3GPP Rel 6	HSDPA Subtest-4	18.58	18.53	18.56	20.00	18.17	18.25	17.93	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.01	18.99	19.09	20.50	18.45	18.67	18.30	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.15	18.99	18.97	20.50	18.61	18.52	18.45	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.52	18.47	18.46	20.00	18.22	18.29	17.70	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.52	18.39	18.54	20.00	18.04	17.96	17.77	19.50
3GPP Rel 6	HSUPA Subtest-1	19.19	19.07	19.06	20.50	18.59	18.56	18.46	20.00
3GPP Rel 6	HSUPA Subtest-2	17.19	17.11	17.13	18.50	16.54	16.66	16.25	18.00
3GPP Rel 6	HSUPA Subtest-3	18.09	18.07	18.06	19.50	17.36	17.46	17.26	19.00
3GPP Rel 6	HSUPA Subtest-4	17.15	17.06	17.10	18.50	16.42	16.45	16.35	18.00
3GPP Rel 6	HSUPA Subtest-5	19.20	19.10	19.10	20.50	18.35	18.44	18.33	20.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.09	17.05	16.94	18.00	16.37	16.46	16.10	17.50

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.56	20.60	20.53	22	0
20	QPSK	1	49	20.46	20.57	20.37		
20	QPSK	1	99	20.37	20.51	20.43		
20	QPSK	50	0	20.47	20.56	20.44		
20	QPSK	50	24	20.41	20.43	20.30	22	0
20	QPSK	50	50	20.45	20.46	20.30		
20	QPSK	100	0	20.50	20.54	20.42		
20	16QAM	1	0	20.28	20.53	20.19		
20	16QAM	1	49	20.26	20.46	20.32	22	0
20	16QAM	1	99	20.29	20.22	20.17		
20	16QAM	50	0	20.33	20.33	20.11		
20	16QAM	50	24	20.46	20.27	20.23	22	0
20	16QAM	50	50	20.17	20.27	20.16		
20	16QAM	100	0	20.47	20.26	20.29		
20	64QAM	1	0	20.27	20.34	20.43		
20	64QAM	1	49	20.16	20.40	20.05	22	0
20	64QAM	1	99	20.26	20.55	20.28		
20	64QAM	50	0	20.30	20.57	20.37		
20	64QAM	50	24	20.37	20.23	20.36	22	0
20	64QAM	50	50	20.16	20.39	20.16		
20	64QAM	100	0	20.49	20.33	20.25		
20	256QAM	1	0	17.69	17.85	17.78		
20	256QAM	1	49	17.64	17.58	17.56	19	3
20	256QAM	1	99	17.55	17.64	17.54		
20	256QAM	50	0	17.51	17.65	17.45		
20	256QAM	50	24	17.55	17.57	17.61	19	3
20	256QAM	50	50	17.52	17.57	17.47		
20	256QAM	100	0	17.58	17.48	17.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.43	20.40	20.39	22	0
15	QPSK	1	37	20.45	20.45	20.29		
15	QPSK	1	74	20.28	20.43	20.38		
15	QPSK	36	0	20.37	20.37	20.29		
15	QPSK	36	20	20.38	20.29	20.15	22	0
15	QPSK	36	39	20.45	20.40	20.28		
15	QPSK	75	0	20.47	20.40	20.22		
15	16QAM	1	0	20.28	20.52	20.18		
15	16QAM	1	37	20.09	20.43	20.25	22	0
15	16QAM	1	74	20.11	20.17	20.04		
15	16QAM	36	0	20.31	20.27	20.08		
15	16QAM	36	20	20.35	20.08	20.05	22	0
15	16QAM	36	39	20.04	20.12	20.15		
15	16QAM	75	0	20.37	20.09	20.29		
15	64QAM	1	0	20.16	20.31	20.25		
15	64QAM	1	37	20.07	20.26	20.11	22	0
15	64QAM	1	74	20.09	20.36	20.14		
15	64QAM	36	0	20.22	20.49	20.18		
15	64QAM	36	20	20.23	20.10	20.20	22	0
15	64QAM	36	39	20.11	20.27	20.14		
15	64QAM	75	0	20.37	20.13	20.25		
15	256QAM	1	0	17.67	17.80	17.66		
15	256QAM	1	37	17.55	17.38	17.51	19	3
15	256QAM	1	74	17.53	17.49	17.45		
15	256QAM	36	0	17.42	17.51	17.32		
15	256QAM	36	20	17.54	17.53	17.47	19	3
15	256QAM	36	39	17.46	17.42	17.30		
15	256QAM	75	0	17.47	17.45	17.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.48	20.54	20.38	22	0
10	QPSK	1	25	20.45	20.46	20.29		
10	QPSK	1	49	20.29	20.47	20.33		
10	QPSK	25	0	20.40	20.41	20.41		
10	QPSK	25	12	20.37	20.41	20.19	22	0
10	QPSK	25	25	20.27	20.40	20.10		
10	QPSK	50	0	20.37	20.43	20.35		
10	16QAM	1	0	20.13	20.40	20.15		
10	16QAM	1	25	20.10	20.43	20.24	22	0
10	16QAM	1	49	20.16	20.22	20.14		
10	16QAM	25	0	20.21	20.25	20.11		
10	16QAM	25	12	20.45	20.22	20.11	22	0
10	16QAM	25	25	20.12	20.10	20.06		
10	16QAM	50	0	20.27	20.08	20.29		
10	64QAM	1	0	20.20	20.31	20.34		
10	64QAM	1	25	20.00	20.22	20.04	22	0
10	64QAM	1	49	20.06	20.49	20.16		
10	64QAM	25	0	20.26	20.40	20.34		
10	64QAM	25	12	20.17	20.03	20.19	22	0
10	64QAM	25	25	20.15	20.28	20.06		
10	64QAM	50	0	20.49	20.25	20.22		
10	256QAM	1	0	17.58	17.79	17.63		
10	256QAM	1	25	17.57	17.42	17.43	19	3
10	256QAM	1	49	17.54	17.60	17.40		
10	256QAM	25	0	17.40	17.52	17.39		
10	256QAM	25	12	17.54	17.50	17.41	19	3
10	256QAM	25	25	17.35	17.42	17.40		
10	256QAM	50	0	17.54	17.45	17.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.36	20.44	20.39	22	0
5	QPSK	1	12	20.27	20.40	20.36		
5	QPSK	1	24	20.26	20.36	20.30		
5	QPSK	12	0	20.29	20.42	20.41		
5	QPSK	12	7	20.23	20.24	20.22	22	0
5	QPSK	12	13	20.25	20.29	20.29		
5	QPSK	25	0	20.46	20.50	20.42		
5	16QAM	1	0	20.26	20.41	20.03		
5	16QAM	1	12	20.19	20.39	20.25	22	0
5	16QAM	1	24	20.14	20.05	20.10		
5	16QAM	12	0	20.24	20.25	20.02		
5	16QAM	12	7	20.31	20.20	20.11	22	0
5	16QAM	12	13	20.10	20.15	20.12		
5	16QAM	25	0	20.37	20.13	20.16		
5	64QAM	1	0	20.07	20.27	20.26		
5	64QAM	1	12	20.16	20.27	20.01	22	0
5	64QAM	1	24	20.24	20.42	20.28		
5	64QAM	12	0	20.30	20.44	20.23		
5	64QAM	12	7	20.25	20.09	20.31	22	0
5	64QAM	12	13	20.16	20.22	20.12		
5	64QAM	25	0	20.36	20.28	20.10		
5	256QAM	1	0	17.61	17.73	17.60		
5	256QAM	1	12	17.47	17.48	17.36	19	3
5	256QAM	1	24	17.51	17.59	17.47		
5	256QAM	12	0	17.48	17.46	17.33		
5	256QAM	12	7	17.41	17.41	17.57	19	3
5	256QAM	12	13	17.49	17.53	17.38		
5	256QAM	25	0	17.39	17.42	17.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.41	20.54	20.33	22	0
3	QPSK	1	8	20.38	20.38	20.33		
3	QPSK	1	14	20.22	20.39	20.41		
3	QPSK	8	0	20.39	20.38	20.38		
3	QPSK	8	4	20.37	20.37	20.22	22	0
3	QPSK	8	7	20.40	20.26	20.24		
3	QPSK	15	0	20.42	20.34	20.34		
3	16QAM	1	0	20.24	20.46	20.18		
3	16QAM	1	8	20.25	20.44	20.18	22	0
3	16QAM	1	14	20.12	20.20	20.10		
3	16QAM	8	0	20.30	20.13	20.09		
3	16QAM	8	4	20.30	20.21	20.06	22	0
3	16QAM	8	7	20.14	20.10	20.12		
3	16QAM	15	0	20.40	20.11	20.23		
3	64QAM	1	0	20.08	20.32	20.36		
3	64QAM	1	8	20.15	20.33	20.07	22	0
3	64QAM	1	14	20.18	20.43	20.24		
3	64QAM	8	0	20.28	20.48	20.20		
3	64QAM	8	4	20.18	20.15	20.20	22	0
3	64QAM	8	7	20.15	20.21	20.00		
3	64QAM	15	0	20.30	20.25	20.14		
3	256QAM	1	0	17.65	17.84	17.68		
3	256QAM	1	8	17.62	17.50	17.39	19	3
3	256QAM	1	14	17.52	17.54	17.46		
3	256QAM	8	0	17.51	17.53	17.44		
3	256QAM	8	4	17.44	17.54	17.55	19	3
3	256QAM	8	7	17.36	17.43	17.40		
3	256QAM	15	0	17.50	17.46	17.38		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.41	20.46	20.38	22	0
1.4	QPSK	1	3	20.28	20.54	20.32		
1.4	QPSK	1	5	20.23	20.33	20.30		
1.4	QPSK	3	0	20.47	20.54	20.39		
1.4	QPSK	3	1	20.27	20.31	20.24		
1.4	QPSK	3	3	20.45	20.29	20.19		
1.4	QPSK	6	0	20.46	20.38	20.23	22	0
1.4	16QAM	1	0	20.12	20.33	20.06		
1.4	16QAM	1	3	20.14	20.40	20.15		
1.4	16QAM	1	5	20.12	20.06	20.14	22	0
1.4	16QAM	3	0	20.29	20.22	20.11		
1.4	16QAM	3	1	20.28	20.14	20.22		
1.4	16QAM	3	3	20.13	20.22	20.15		
1.4	16QAM	6	0	20.46	20.16	20.19	22	0
1.4	64QAM	1	0	20.12	20.27	20.27		
1.4	64QAM	1	3	20.09	20.29	20.12		
1.4	64QAM	1	5	20.20	20.53	20.11	22	0
1.4	64QAM	3	0	20.15	20.50	20.35		
1.4	64QAM	3	1	20.17	20.15	20.35		
1.4	64QAM	3	3	20.13	20.22	20.13		
1.4	64QAM	6	0	20.46	20.30	20.11	22	0
1.4	256QAM	1	0	17.58	17.78	17.71		
1.4	256QAM	1	3	17.64	17.51	17.39		
1.4	256QAM	1	5	17.39	17.44	17.36	19	3
1.4	256QAM	3	0	17.40	17.57	17.28		
1.4	256QAM	3	1	17.47	17.44	17.58		
1.4	256QAM	3	3	17.44	17.39	17.37		
1.4	256QAM	6	0	17.39	17.48	17.52	19	3

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.72	19.62	19.67	21	0
20	QPSK	1	49	19.57	19.41	19.47		
20	QPSK	1	99	19.46	19.32	19.39		
20	QPSK	50	0	19.58	19.49	19.54		
20	QPSK	50	24	19.53	19.41	19.46	21	0
20	QPSK	50	50	19.52	19.38	19.49		
20	QPSK	100	0	19.51	19.42	19.41		
20	16QAM	1	0	19.50	19.53	19.50		
20	16QAM	1	49	19.62	19.65	19.63	21	0
20	16QAM	1	99	19.45	19.25	19.28		
20	16QAM	50	0	19.39	19.40	19.46		
20	16QAM	50	24	19.44	19.58	19.33	21	0
20	16QAM	50	50	19.28	19.26	19.41		
20	16QAM	100	0	19.32	19.44	19.62		
20	64QAM	1	0	19.53	19.55	19.55		
20	64QAM	1	49	19.26	19.54	19.29	21	0
20	64QAM	1	99	19.53	19.55	19.46		
20	64QAM	50	0	19.48	19.31	19.55		
20	64QAM	50	24	19.50	19.54	19.46	21	0
20	64QAM	50	50	19.57	19.51	19.65		
20	64QAM	100	0	19.43	19.57	19.48		
20	256QAM	1	0	17.33	17.51	17.49		
20	256QAM	1	49	17.27	17.38	17.52	18.5	2.5
20	256QAM	1	99	17.29	17.38	17.31		
20	256QAM	50	0	17.30	17.42	17.20		
20	256QAM	50	24	17.37	17.36	17.40	18.5	2.5
20	256QAM	50	50	17.29	17.25	17.27		
20	256QAM	100	0	17.34	17.19	17.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.64	19.43	19.50	21	0
15	QPSK	1	37	19.54	19.36	19.42		
15	QPSK	1	74	19.41	19.26	19.38		
15	QPSK	36	0	19.43	19.45	19.45		
15	QPSK	36	20	19.44	19.37	19.26	21	0
15	QPSK	36	39	19.38	19.38	19.44		
15	QPSK	75	0	19.41	19.25	19.29		
15	16QAM	1	0	19.39	19.52	19.40		
15	16QAM	1	37	19.48	19.52	19.50	21	0
15	16QAM	1	74	19.31	19.20	19.26		
15	16QAM	36	0	19.37	19.32	19.45		
15	16QAM	36	20	19.38	19.40	19.20	21	0
15	16QAM	36	39	19.08	19.25	19.37		
15	16QAM	75	0	19.16	19.27	19.58		
15	64QAM	1	0	19.33	19.49	19.41		
15	64QAM	1	37	19.26	19.37	19.19	21	0
15	64QAM	1	74	19.43	19.52	19.28		
15	64QAM	36	0	19.36	19.25	19.50		
15	64QAM	36	20	19.46	19.49	19.28	21	0
15	64QAM	36	39	19.53	19.34	19.51		
15	64QAM	75	0	19.42	19.41	19.35		
15	256QAM	1	0	17.19	17.31	17.31		
15	256QAM	1	37	17.27	17.22	17.42	18.5	2.5
15	256QAM	1	74	17.18	17.19	17.12		
15	256QAM	36	0	17.28	17.38	17.10		
15	256QAM	36	20	17.24	17.19	17.24	18.5	2.5
15	256QAM	36	39	17.29	17.06	17.10		
15	256QAM	75	0	17.30	17.07	17.19		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.59	19.43	19.58	21	0
10	QPSK	1	25	19.45	19.36	19.40		
10	QPSK	1	49	19.29	19.30	19.23		
10	QPSK	25	0	19.56	19.40	19.48		
10	QPSK	25	12	19.43	19.39	19.39	21	0
10	QPSK	25	25	19.51	19.28	19.43		
10	QPSK	50	0	19.39	19.26	19.30		
10	16QAM	1	0	19.39	19.53	19.38		
10	16QAM	1	25	19.42	19.64	19.54	21	0
10	16QAM	1	49	19.33	19.14	19.08		
10	16QAM	25	0	19.21	19.35	19.35		
10	16QAM	25	12	19.32	19.43	19.17	21	0
10	16QAM	25	25	19.22	19.12	19.32		
10	16QAM	50	0	19.16	19.36	19.56		
10	64QAM	1	0	19.35	19.46	19.45		
10	64QAM	1	25	19.08	19.52	19.12	21	0
10	64QAM	1	49	19.46	19.54	19.34		
10	64QAM	25	0	19.39	19.17	19.39		
10	64QAM	25	12	19.32	19.43	19.35	21	0
10	64QAM	25	25	19.50	19.51	19.56		
10	64QAM	50	0	19.35	19.41	19.32		
10	256QAM	1	0	17.33	17.43	17.29		
10	256QAM	1	25	17.17	17.33	17.45	18.5	2.5
10	256QAM	1	49	17.16	17.27	17.22		
10	256QAM	25	0	17.22	17.34	17.03		
10	256QAM	25	12	17.19	17.24	17.35	18.5	2.5
10	256QAM	25	25	17.27	17.11	17.10		
10	256QAM	50	0	17.29	17.12	17.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.68	19.50	19.58	21	0
5	QPSK	1	12	19.44	19.34	19.33		
5	QPSK	1	24	19.28	19.27	19.27		
5	QPSK	12	0	19.58	19.32	19.45		
5	QPSK	12	7	19.47	19.41	19.33	21	0
5	QPSK	12	13	19.36	19.26	19.34		
5	QPSK	25	0	19.47	19.34	19.24		
5	16QAM	1	0	19.43	19.51	19.46		
5	16QAM	1	12	19.50	19.56	19.53	21	0
5	16QAM	1	24	19.30	19.11	19.16		
5	16QAM	12	0	19.39	19.36	19.31		
5	16QAM	12	7	19.24	19.43	19.25	21	0
5	16QAM	12	13	19.12	19.12	19.24		
5	16QAM	25	0	19.26	19.33	19.62		
5	64QAM	1	0	19.33	19.53	19.44		
5	64QAM	1	12	19.11	19.48	19.21	21	0
5	64QAM	1	24	19.51	19.38	19.40		
5	64QAM	12	0	19.47	19.29	19.50		
5	64QAM	12	7	19.46	19.38	19.44	21	0
5	64QAM	12	13	19.41	19.41	19.46		
5	64QAM	25	0	19.33	19.43	19.29		
5	256QAM	1	0	17.20	17.48	17.48		
5	256QAM	1	12	17.22	17.25	17.47	18.5	2.5
5	256QAM	1	24	17.17	17.25	17.15		
5	256QAM	12	0	17.19	17.36	17.09		
5	256QAM	12	7	17.35	17.27	17.33	18.5	2.5
5	256QAM	12	13	17.18	17.08	17.12		
5	256QAM	25	0	17.19	17.17	17.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.64	19.42	19.62	21	0
3	QPSK	1	8	19.40	19.23	19.43		
3	QPSK	1	14	19.28	19.30	19.24		
3	QPSK	8	0	19.54	19.32	19.34		
3	QPSK	8	4	19.50	19.41	19.38	21	0
3	QPSK	8	7	19.36	19.26	19.30		
3	QPSK	15	0	19.32	19.42	19.29		
3	16QAM	1	0	19.34	19.51	19.50		
3	16QAM	1	8	19.55	19.51	19.44	21	0
3	16QAM	1	14	19.31	19.12	19.13		
3	16QAM	8	0	19.29	19.31	19.46		
3	16QAM	8	4	19.44	19.54	19.15	21	0
3	16QAM	8	7	19.27	19.24	19.39		
3	16QAM	15	0	19.12	19.29	19.61		
3	64QAM	1	0	19.41	19.47	19.48		
3	64QAM	1	8	19.08	19.39	19.29	21	0
3	64QAM	1	14	19.37	19.35	19.27		
3	64QAM	8	0	19.34	19.12	19.53		
3	64QAM	8	4	19.31	19.36	19.26	21	0
3	64QAM	8	7	19.40	19.37	19.59		
3	64QAM	15	0	19.38	19.39	19.28		
3	256QAM	1	0	17.29	17.35	17.42		
3	256QAM	1	8	17.22	17.32	17.36	18.5	2.5
3	256QAM	1	14	17.24	17.20	17.12		
3	256QAM	8	0	17.22	17.41	17.12		
3	256QAM	8	4	17.17	17.25	17.27	18.5	2.5
3	256QAM	8	7	17.15	17.09	17.21		
3	256QAM	15	0	17.17	17.15	17.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.65	19.45	19.60	21	0
1.4	QPSK	1	3	19.52	19.26	19.39		
1.4	QPSK	1	5	19.27	19.22	19.26		
1.4	QPSK	3	0	19.38	19.35	19.39		
1.4	QPSK	3	1	19.51	19.26	19.35		
1.4	QPSK	3	3	19.45	19.21	19.40		
1.4	QPSK	6	0	19.38	19.42	19.35	21	0
1.4	16QAM	1	0	19.31	19.37	19.31		
1.4	16QAM	1	3	19.50	19.54	19.45		
1.4	16QAM	1	5	19.43	19.22	19.27	21	0
1.4	16QAM	3	0	19.22	19.28	19.40		
1.4	16QAM	3	1	19.43	19.58	19.17		
1.4	16QAM	3	3	19.11	19.25	19.27		
1.4	16QAM	6	0	19.14	19.25	19.58	21	0
1.4	64QAM	1	0	19.42	19.41	19.41		
1.4	64QAM	1	3	19.15	19.51	19.14		
1.4	64QAM	1	5	19.53	19.48	19.30	21	0
1.4	64QAM	3	0	19.31	19.12	19.42		
1.4	64QAM	3	1	19.49	19.50	19.31		
1.4	64QAM	3	3	19.43	19.38	19.57		
1.4	64QAM	6	0	19.37	19.38	19.38	21	0
1.4	256QAM	1	0	17.29	17.38	17.47		
1.4	256QAM	1	3	17.22	17.30	17.34		
1.4	256QAM	1	5	17.21	17.34	17.22	18	3
1.4	256QAM	3	0	17.28	17.35	17.02		
1.4	256QAM	3	1	17.24	17.29	17.37		
1.4	256QAM	3	3	17.25	17.05	17.25		
1.4	256QAM	6	0	17.21	17.08	17.12	18	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.53	19.69	19.66	21	0
20	QPSK	1	49	19.49	19.64	19.54		
20	QPSK	1	99	19.43	19.54	19.61		
20	QPSK	50	0	19.45	19.63	19.52	21	0
20	QPSK	50	24	19.44	19.61	19.5		
20	QPSK	50	50	19.47	19.4	19.49		
20	QPSK	100	0	19.43	19.55	19.54		
20	16QAM	1	0	19.41	19.5	19.34	21	0
20	16QAM	1	49	19.57	19.48	19.57		
20	16QAM	1	99	19.38	19.37	19.41		
20	16QAM	50	0	19.32	19.67	19.38	21	0
20	16QAM	50	24	19.4	19.54	19.37		
20	16QAM	50	50	19.53	19.55	19.32		
20	16QAM	100	0	19.28	19.5	19.55		
20	64QAM	1	0	19.5	19.5	19.48	21	0
20	64QAM	1	49	19.07	19.09	19.37		
20	64QAM	1	99	19.51	19.42	19.31		
20	64QAM	50	0	19.44	19.44	19.33	21	0
20	64QAM	50	24	19.52	19.48	19.31		
20	64QAM	50	50	19.53	19.59	19.62		
20	64QAM	100	0	19.55	19.49	19.4		
20	256QAM	1	0	17.28	17.60	17.73	18.5	2.5
20	256QAM	1	49	17.29	17.52	17.66		
20	256QAM	1	99	17.51	17.69	17.74		
20	256QAM	50	0	17.32	17.55	17.72	18.5	2.5
20	256QAM	50	24	17.33	17.56	17.74		
20	256QAM	50	50	17.37	17.66	17.81		
20	256QAM	100	0	17.31	17.68	17.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.47	19.60	19.49	21	0
15	QPSK	1	37	19.27	19.47	19.42		
15	QPSK	1	74	19.34	19.45	19.51		
15	QPSK	36	0	19.42	19.60	19.35	21	0
15	QPSK	36	20	19.39	19.50	19.31		
15	QPSK	36	39	19.33	19.29	19.47		
15	QPSK	75	0	19.21	19.42	19.51		
15	16QAM	1	0	19.29	19.30	19.26	21	0
15	16QAM	1	37	19.54	19.31	19.46		
15	16QAM	1	74	19.35	19.18	19.25		
15	16QAM	36	0	19.13	19.62	19.34	21	0
15	16QAM	36	20	19.21	19.51	19.29		
15	16QAM	36	39	19.34	19.51	19.26		
15	16QAM	75	0	19.26	19.33	19.36		
15	64QAM	1	0	19.41	19.30	19.42	21	0
15	64QAM	1	37	19.12	19.10	19.28		
15	64QAM	1	74	19.37	19.32	19.20		
15	64QAM	36	0	19.34	19.22	19.18	21	0
15	64QAM	36	20	19.43	19.29	19.24		
15	64QAM	36	39	19.50	19.54	19.56		
15	64QAM	75	0	19.48	19.42	19.19		
15	256QAM	1	0	17.10	17.51	17.62	18.5	2.5
15	256QAM	1	37	17.19	17.42	17.46		
15	256QAM	1	74	17.47	17.54	17.54		
15	256QAM	36	0	17.26	17.49	17.61	18.5	2.5
15	256QAM	36	20	17.12	17.36	17.55		
15	256QAM	36	39	17.27	17.46	17.63		
15	256QAM	75	0	17.12	17.52	17.42		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.31	19.62	19.46	21	0
10	QPSK	1	25	19.41	19.61	19.51		
10	QPSK	1	49	19.34	19.41	19.50		
10	QPSK	25	0	19.41	19.53	19.35	21	0
10	QPSK	25	12	19.37	19.52	19.30		
10	QPSK	25	25	19.26	19.38	19.31		
10	QPSK	50	0	19.33	19.46	19.34		
10	16QAM	1	0	19.37	19.39	19.30	21	0
10	16QAM	1	25	19.53	19.37	19.55		
10	16QAM	1	49	19.36	19.27	19.21		
10	16QAM	25	0	19.12	19.59	19.33	21	0
10	16QAM	25	12	19.25	19.36	19.21		
10	16QAM	25	25	19.37	19.46	19.14		
10	16QAM	50	0	19.23	19.34	19.35		
10	64QAM	1	0	19.46	19.37	19.45	21	0
10	64QAM	1	25	19.07	19.19	19.24		
10	64QAM	1	49	19.35	19.39	19.17		
10	64QAM	25	0	19.36	19.35	19.29	21	0
10	64QAM	25	12	19.38	19.44	19.28		
10	64QAM	25	25	19.46	19.48	19.48		
10	64QAM	50	0	19.33	19.42	19.36		
10	256QAM	1	0	17.12	17.38	17.55	18.5	2.5
10	256QAM	1	25	17.16	17.46	17.51		
10	256QAM	1	49	17.47	17.62	17.54		
10	256QAM	25	0	17.19	17.53	17.62	18.5	2.5
10	256QAM	25	12	17.11	17.34	17.70		
10	256QAM	25	25	17.15	17.62	17.72		
10	256QAM	50	0	17.27	17.62	17.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.48	19.58	19.57	21	0
5	QPSK	1	12	19.34	19.50	19.51		
5	QPSK	1	24	19.41	19.33	19.50		
5	QPSK	12	0	19.27	19.41	19.61	21	0
5	QPSK	12	7	19.31	19.58	19.34		
5	QPSK	12	13	19.43	19.18	19.29		
5	QPSK	25	0	19.31	19.33	19.47		
5	16QAM	1	0	19.28	19.39	19.23	21	0
5	16QAM	1	12	19.49	19.39	19.41		
5	16QAM	1	24	19.29	19.22	19.27		
5	16QAM	12	0	19.15	19.58	19.18	21	0
5	16QAM	12	7	19.29	19.50	19.29		
5	16QAM	12	13	19.01	19.43	19.26		
5	16QAM	25	0	19.10	19.42	19.39		
5	64QAM	1	0	19.37	19.31	19.39	21	0
5	64QAM	1	12	19.06	19.16	19.26		
5	64QAM	1	24	19.41	19.26	19.21		
5	64QAM	12	0	19.29	19.23	19.31	21	0
5	64QAM	12	7	19.39	19.38	19.11		
5	64QAM	12	13	19.38	19.56	19.55		
5	64QAM	25	0	19.36	19.29	19.20		
5	256QAM	1	0	17.08	17.46	17.67	18.5	2.5
5	256QAM	1	12	17.21	17.45	17.57		
5	256QAM	1	24	17.46	17.50	17.64		
5	256QAM	12	0	17.30	17.35	17.66	18.5	2.5
5	256QAM	12	7	17.18	17.53	17.65		
5	256QAM	12	13	17.25	17.44	17.64		
5	256QAM	25	0	17.26	17.57	17.37		

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.62	19.77	19.69	21	0
20	QPSK	1	49	19.4	19.6	19.52		
20	QPSK	1	99	19.29	19.42	19.38		
20	QPSK	50	0	19.59	19.64	19.6	21	0
20	QPSK	50	24	19.57	19.62	19.54		
20	QPSK	50	50	19.46	19.56	19.48		
20	QPSK	100	0	19.51	19.66	19.53		
20	16QAM	1	0	19.52	19.65	19.51	21	0
20	16QAM	1	49	19.54	19.49	19.37		
20	16QAM	1	99	19.44	19.76	19.5		
20	16QAM	50	0	19.54	19.45	19.35	21	0
20	16QAM	50	24	19.38	19.48	19.61		
20	16QAM	50	50	19.16	19.48	19.61		
20	16QAM	100	0	19.26	19.59	19.48		
20	64QAM	1	0	19.42	19.58	19.73	21	0
20	64QAM	1	49	19.35	19.72	19.63		
20	64QAM	1	99	19.44	19.74	19.29		
20	64QAM	50	0	19.55	19.48	19.53	21	0
20	64QAM	50	24	19.42	19.43	19.69		
20	64QAM	50	50	19.29	19.61	19.53		
20	64QAM	100	0	19.26	19.56	19.57		
20	256QAM	1	0	17.37	17.57	17.40	18.5	2.5
20	256QAM	1	49	17.35	17.38	17.59		
20	256QAM	1	99	17.36	17.31	17.33		
20	256QAM	50	0	17.24	17.29	17.35	18.5	2.5
20	256QAM	50	24	17.30	17.34	17.26		
20	256QAM	50	50	17.30	17.36	17.22		
20	256QAM	100	0	17.34	17.22	17.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.49	19.70	19.49	21	0
15	QPSK	1	37	19.33	19.58	19.32		
15	QPSK	1	74	19.26	19.37	19.24		
15	QPSK	36	0	19.55	19.60	19.48	21	0
15	QPSK	36	20	19.39	19.62	19.44		
15	QPSK	36	39	19.31	19.53	19.28		
15	QPSK	75	0	19.46	19.56	19.52		
15	16QAM	1	0	19.49	19.52	19.46	21	0
15	16QAM	1	37	19.35	19.46	19.27		
15	16QAM	1	74	19.34	19.73	19.45		
15	16QAM	36	0	19.39	19.25	19.21	21	0
15	16QAM	36	20	19.31	19.41	19.47		
15	16QAM	36	39	19.02	19.36	19.42		
15	16QAM	75	0	19.11	19.48	19.34		
15	64QAM	1	0	19.41	19.56	19.69	21	0
15	64QAM	1	37	19.29	19.61	19.45		
15	64QAM	1	74	19.34	19.58	19.28		
15	64QAM	36	0	19.46	19.46	19.48	21	0
15	64QAM	36	20	19.42	19.43	19.65		
15	64QAM	36	39	19.24	19.51	19.52		
15	64QAM	75	0	19.08	19.55	19.40		
15	256QAM	1	0	17.34	17.38	17.39	18.5	2.5
15	256QAM	1	37	17.30	17.20	17.39		
15	256QAM	1	74	17.27	17.16	17.25		
15	256QAM	36	0	17.23	17.13	17.20	18.5	2.5
15	256QAM	36	20	17.21	17.16	17.06		
15	256QAM	36	39	17.28	17.24	17.02		
15	256QAM	75	0	17.24	17.21	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.47	19.59	19.59	21	0
10	QPSK	1	25	19.29	19.52	19.33		
10	QPSK	1	49	19.16	19.27	19.30		
10	QPSK	25	0	19.43	19.56	19.51	21	0
10	QPSK	25	12	19.42	19.48	19.34		
10	QPSK	25	25	19.46	19.37	19.45		
10	QPSK	50	0	19.33	19.66	19.47		
10	16QAM	1	0	19.36	19.50	19.49	21	0
10	16QAM	1	25	19.37	19.46	19.37		
10	16QAM	1	49	19.44	19.66	19.35		
10	16QAM	25	0	19.54	19.39	19.22	21	0
10	16QAM	25	12	19.37	19.41	19.55		
10	16QAM	25	25	19.04	19.44	19.58		
10	16QAM	50	0	19.17	19.57	19.34		
10	64QAM	1	0	19.27	19.46	19.53	21	0
10	64QAM	1	25	19.30	19.58	19.59		
10	64QAM	1	49	19.25	19.71	19.20		
10	64QAM	25	0	19.53	19.39	19.33	21	0
10	64QAM	25	12	19.34	19.30	19.60		
10	64QAM	25	25	19.23	19.48	19.52		
10	64QAM	50	0	19.10	19.36	19.40		
10	256QAM	1	0	17.29	17.52	17.40	18.5	2.5
10	256QAM	1	25	17.19	17.29	17.51		
10	256QAM	1	49	17.19	17.30	17.27		
10	256QAM	25	0	17.07	17.29	17.22	18.5	2.5
10	256QAM	25	12	17.24	17.33	17.08		
10	256QAM	25	25	17.12	17.23	17.16		
10	256QAM	50	0	17.30	17.08	17.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.58	19.75	19.62	21	0
5	QPSK	1	12	19.20	19.57	19.47		
5	QPSK	1	24	19.20	19.39	19.31		
5	QPSK	12	0	19.39	19.64	19.51	21	0
5	QPSK	12	7	19.43	19.60	19.44		
5	QPSK	12	13	19.39	19.52	19.43		
5	QPSK	25	0	19.49	19.52	19.35		
5	16QAM	1	0	19.48	19.55	19.48	21	0
5	16QAM	1	12	19.50	19.44	19.27		
5	16QAM	1	24	19.30	19.76	19.40		
5	16QAM	12	0	19.54	19.45	19.18	21	0
5	16QAM	12	7	19.35	19.43	19.48		
5	16QAM	12	13	19.06	19.37	19.57		
5	16QAM	25	0	19.11	19.58	19.32		
5	64QAM	1	0	19.22	19.44	19.57	21	0
5	64QAM	1	12	19.27	19.70	19.45		
5	64QAM	1	24	19.35	19.67	19.14		
5	64QAM	12	0	19.47	19.41	19.51	21	0
5	64QAM	12	7	19.22	19.26	19.57		
5	64QAM	12	13	19.28	19.59	19.39		
5	64QAM	25	0	19.12	19.56	19.50		
5	256QAM	1	0	17.24	17.38	17.21	18.5	2.5
5	256QAM	1	12	17.30	17.22	17.51		
5	256QAM	1	24	17.24	17.11	17.22		
5	256QAM	12	0	17.23	17.09	17.27	18.5	2.5
5	256QAM	12	7	17.26	17.21	17.15		
5	256QAM	12	13	17.15	17.23	17.04		
5	256QAM	25	0	17.26	17.10	17.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.54	19.62	19.55	21	0
3	QPSK	1	8	19.37	19.48	19.34		
3	QPSK	1	14	19.22	19.36	19.21		
3	QPSK	8	0	19.52	19.47	19.57	21	0
3	QPSK	8	4	19.39	19.47	19.49		
3	QPSK	8	7	19.37	19.40	19.35		
3	QPSK	15	0	19.49	19.62	19.43		
3	16QAM	1	0	19.36	19.48	19.33	21	0
3	16QAM	1	8	19.36	19.38	19.22		
3	16QAM	1	14	19.37	19.60	19.50		
3	16QAM	8	0	19.38	19.33	19.32	21	0
3	16QAM	8	4	19.30	19.44	19.59		
3	16QAM	8	7	19.16	19.42	19.57		
3	16QAM	15	0	19.08	19.44	19.30		
3	64QAM	1	0	19.27	19.55	19.58	21	0
3	64QAM	1	8	19.18	19.55	19.57		
3	64QAM	1	14	19.31	19.61	19.22		
3	64QAM	8	0	19.49	19.38	19.53	21	0
3	64QAM	8	4	19.39	19.41	19.54		
3	64QAM	8	7	19.16	19.56	19.41		
3	64QAM	15	0	19.09	19.53	19.51		
3	256QAM	1	0	17.32	17.37	17.21	18.5	2.5
3	256QAM	1	8	17.35	17.35	17.58		
3	256QAM	1	14	17.30	17.13	17.26		
3	256QAM	8	0	17.23	17.15	17.20	18.5	2.5
3	256QAM	8	4	17.12	17.27	17.24		
3	256QAM	8	7	17.12	17.30	17.18		
3	256QAM	15	0	17.20	17.16	17.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.52	19.72	19.54	21	0
1.4	QPSK	1	3	19.36	19.48	19.33		
1.4	QPSK	1	5	19.29	19.38	19.22		
1.4	QPSK	3	0	19.43	19.56	19.54		
1.4	QPSK	3	1	19.46	19.44	19.37		
1.4	QPSK	3	3	19.39	19.55	19.35		
1.4	QPSK	6	0	19.47	19.53	19.53	21	0
1.4	16QAM	1	0	19.51	19.62	19.40	21	0
1.4	16QAM	1	3	19.52	19.29	19.37		
1.4	16QAM	1	5	19.32	19.70	19.48		
1.4	16QAM	3	0	19.46	19.28	19.30		
1.4	16QAM	3	1	19.28	19.44	19.61		
1.4	16QAM	3	3	19.05	19.31	19.54		
1.4	16QAM	6	0	19.14	19.51	19.48	21	0
1.4	64QAM	1	0	19.36	19.43	19.57	21	0
1.4	64QAM	1	3	19.20	19.66	19.56		
1.4	64QAM	1	5	19.40	19.73	19.19		
1.4	64QAM	3	0	19.39	19.40	19.49		
1.4	64QAM	3	1	19.38	19.40	19.50		
1.4	64QAM	3	3	19.22	19.45	19.42		
1.4	64QAM	6	0	19.12	19.47	19.44	21	0
1.4	256QAM	1	0	17.29	17.57	17.29	18	3
1.4	256QAM	1	3	17.32	17.22	17.48		
1.4	256QAM	1	5	17.18	17.30	17.25		
1.4	256QAM	3	0	17.09	17.26	17.15		
1.4	256QAM	3	1	17.17	17.22	17.22		
1.4	256QAM	3	3	17.26	17.16	17.22		
1.4	256QAM	6	0	17.30	17.14	17.30	18	3

Band 2_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.74	17.76	17.66	19	0
20	QPSK	1	49	17.53	17.74	17.51		
20	QPSK	1	99	17.59	17.66	17.51		
20	QPSK	50	0	17.62	17.74	17.54	19	0
20	QPSK	50	24	17.52	17.65	17.39		
20	QPSK	50	50	17.51	17.65	17.38		
20	QPSK	100	0	17.60	17.73	17.56		
20	16QAM	1	0	17.38	17.74	17.41	19	0
20	16QAM	1	49	17.35	17.52	17.53		
20	16QAM	1	99	17.51	17.47	17.30		
20	16QAM	50	0	17.48	17.46	17.24	19	0
20	16QAM	50	24	17.64	17.43	17.35		
20	16QAM	50	50	17.36	17.35	17.30		
20	16QAM	100	0	17.57	17.50	17.50		
20	64QAM	1	0	17.43	17.41	17.48	19	0
20	64QAM	1	49	17.34	17.60	17.32		
20	64QAM	1	99	17.51	17.71	17.45		
20	64QAM	50	0	17.36	17.73	17.62	19	0
20	64QAM	50	24	17.43	17.37	17.46		
20	64QAM	50	50	17.33	17.50	17.35		
20	64QAM	100	0	17.59	17.41	17.31		
20	256QAM	1	0	17.41	17.38	17.32	19	0
20	256QAM	1	49	17.31	17.53	17.22		
20	256QAM	1	99	17.48	17.63	17.27		
20	256QAM	50	0	17.28	17.68	17.56	19	0
20	256QAM	50	24	17.43	17.33	17.38		
20	256QAM	50	50	17.30	17.38	17.17		
20	256QAM	100	0	17.48	17.40	17.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.62	17.58	17.55	19	0
15	QPSK	1	37	17.48	17.69	17.46		
15	QPSK	1	74	17.53	17.63	17.49		
15	QPSK	36	0	17.42	17.62	17.35	19	0
15	QPSK	36	20	17.48	17.46	17.34		
15	QPSK	36	39	17.40	17.61	17.36		
15	QPSK	75	0	17.51	17.64	17.36		
15	16QAM	1	0	17.30	17.58	17.24	19	0
15	16QAM	1	37	17.17	17.34	17.51		
15	16QAM	1	74	17.41	17.41	17.20		
15	16QAM	36	0	17.43	17.39	17.18	19	0
15	16QAM	36	20	17.53	17.35	17.25		
15	16QAM	36	39	17.23	17.25	17.25		
15	16QAM	75	0	17.43	17.33	17.30		
15	64QAM	1	0	17.30	17.40	17.45	19	0
15	64QAM	1	37	17.32	17.45	17.12		
15	64QAM	1	74	17.34	17.67	17.41		
15	64QAM	36	0	17.27	17.67	17.59	19	0
15	64QAM	36	20	17.30	17.19	17.45		
15	64QAM	36	39	17.20	17.43	17.35		
15	64QAM	75	0	17.56	17.31	17.21		
15	256QAM	1	0	17.34	17.24	17.20	19	0
15	256QAM	1	37	17.21	17.39	17.13		
15	256QAM	1	74	17.30	17.52	17.18		
15	256QAM	36	0	17.23	17.52	17.56	19	0
15	256QAM	36	20	17.40	17.24	17.33		
15	256QAM	36	39	17.15	17.32	17.15		
15	256QAM	75	0	17.28	17.28	17.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.73	17.61	17.51	19	0
10	QPSK	1	25	17.37	17.58	17.49		
10	QPSK	1	49	17.45	17.51	17.41		
10	QPSK	25	0	17.46	17.57	17.41	19	0
10	QPSK	25	12	17.43	17.47	17.22		
10	QPSK	25	25	17.48	17.64	17.19		
10	QPSK	50	0	17.55	17.54	17.36		
10	16QAM	1	0	17.23	17.57	17.35	19	0
10	16QAM	1	25	17.21	17.42	17.46		
10	16QAM	1	49	17.36	17.40	17.21		
10	16QAM	25	0	17.41	17.38	17.11	19	0
10	16QAM	25	12	17.49	17.23	17.28		
10	16QAM	25	25	17.28	17.29	17.23		
10	16QAM	50	0	17.57	17.32	17.34		
10	64QAM	1	0	17.36	17.32	17.40	19	0
10	64QAM	1	25	17.33	17.50	17.32		
10	64QAM	1	49	17.41	17.62	17.43		
10	64QAM	25	0	17.16	17.61	17.43	19	0
10	64QAM	25	12	17.23	17.18	17.39		
10	64QAM	25	25	17.29	17.38	17.27		
10	64QAM	50	0	17.42	17.36	17.18		
10	256QAM	1	0	17.29	17.27	17.12	19	0
10	256QAM	1	25	17.16	17.39	17.09		
10	256QAM	1	49	17.28	17.51	17.25		
10	256QAM	25	0	17.28	17.60	17.49	19	0
10	256QAM	25	12	17.42	17.20	17.32		
10	256QAM	25	25	17.11	17.38	17.09		
10	256QAM	50	0	17.45	17.22	17.01		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.70	17.56	17.49	19	0
5	QPSK	1	12	17.42	17.70	17.43		
5	QPSK	1	24	17.53	17.57	17.31		
5	QPSK	12	0	17.61	17.70	17.35	19	0
5	QPSK	12	7	17.38	17.51	17.32		
5	QPSK	12	13	17.47	17.53	17.30		
5	QPSK	25	0	17.59	17.67	17.42		
5	16QAM	1	0	17.26	17.57	17.30	19	0
5	16QAM	1	12	17.20	17.37	17.52		
5	16QAM	1	24	17.40	17.34	17.11		
5	16QAM	12	0	17.46	17.45	17.19	19	0
5	16QAM	12	7	17.57	17.42	17.19		
5	16QAM	12	13	17.25	17.15	17.17		
5	16QAM	25	0	17.39	17.41	17.37		
5	64QAM	1	0	17.37	17.40	17.36	19	0
5	64QAM	1	12	17.17	17.47	17.31		
5	64QAM	1	24	17.32	17.60	17.32		
5	64QAM	12	0	17.20	17.60	17.58	19	0
5	64QAM	12	7	17.43	17.28	17.36		
5	64QAM	12	13	17.19	17.39	17.34		
5	64QAM	25	0	17.39	17.33	17.30		
5	256QAM	1	0	17.23	17.30	17.27	19	0
5	256QAM	1	12	17.13	17.37	17.19		
5	256QAM	1	24	17.45	17.63	17.26		
5	256QAM	12	0	17.18	17.58	17.40	19	0
5	256QAM	12	7	17.42	17.29	17.35		
5	256QAM	12	13	17.27	17.35	17.07		
5	256QAM	25	0	17.33	17.27	17.13		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.63	17.64	17.60	19	0
3	QPSK	1	8	17.40	17.61	17.51		
3	QPSK	1	14	17.54	17.47	17.46		
3	QPSK	8	0	17.58	17.55	17.48	19	0
3	QPSK	8	4	17.44	17.61	17.38		
3	QPSK	8	7	17.49	17.55	17.30		
3	QPSK	15	0	17.53	17.63	17.37		
3	16QAM	1	0	17.28	17.56	17.25	19	0
3	16QAM	1	8	17.25	17.39	17.38		
3	16QAM	1	14	17.38	17.31	17.14		
3	16QAM	8	0	17.42	17.40	17.10	19	0
3	16QAM	8	4	17.58	17.33	17.18		
3	16QAM	8	7	17.27	17.35	17.20		
3	16QAM	15	0	17.39	17.40	17.41		
3	64QAM	1	0	17.35	17.24	17.44	19	0
3	64QAM	1	8	17.20	17.42	17.16		
3	64QAM	1	14	17.39	17.53	17.43		
3	64QAM	8	0	17.22	17.69	17.43	19	0
3	64QAM	8	4	17.24	17.37	17.41		
3	64QAM	8	7	17.27	17.44	17.21		
3	64QAM	15	0	17.51	17.37	17.15		
3	256QAM	1	0	17.35	17.31	17.14	19	0
3	256QAM	1	8	17.27	17.52	17.07		
3	256QAM	1	14	17.34	17.43	17.20		
3	256QAM	8	0	17.28	17.66	17.56	19	0
3	256QAM	8	4	17.26	17.23	17.25		
3	256QAM	8	7	17.25	17.20	17.15		
3	256QAM	15	0	17.45	17.36	17.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.64	17.60	17.46	19	0
1.4	QPSK	1	3	17.41	17.61	17.31		
1.4	QPSK	1	5	17.55	17.63	17.39		
1.4	QPSK	3	0	17.47	17.68	17.37		
1.4	QPSK	3	1	17.45	17.53	17.32		
1.4	QPSK	3	3	17.46	17.62	17.38		
1.4	QPSK	6	0	17.41	17.70	17.36	19	0
1.4	16QAM	1	0	17.26	17.67	17.22	19	0
1.4	16QAM	1	3	17.24	17.47	17.36		
1.4	16QAM	1	5	17.40	17.36	17.12		
1.4	16QAM	3	0	17.40	17.43	17.10		
1.4	16QAM	3	1	17.54	17.31	17.24		
1.4	16QAM	3	3	17.25	17.21	17.27		
1.4	16QAM	6	0	17.40	17.32	17.37	19	0
1.4	64QAM	1	0	17.28	17.38	17.45	19	0
1.4	64QAM	1	3	17.20	17.44	17.32		
1.4	64QAM	1	5	17.51	17.57	17.42		
1.4	64QAM	3	0	17.20	17.69	17.55		
1.4	64QAM	3	1	17.30	17.24	17.38		
1.4	64QAM	3	3	17.14	17.49	17.25		
1.4	64QAM	6	0	17.49	17.31	17.20	19	0
1.4	256QAM	1	0	17.32	17.30	17.14	19	0
1.4	256QAM	1	3	17.18	17.42	17.02		
1.4	256QAM	1	5	17.36	17.58	17.20		
1.4	256QAM	3	0	17.21	17.63	17.45		
1.4	256QAM	3	1	17.37	17.20	17.34		
1.4	256QAM	3	3	17.25	17.19	17.05		
1.4	256QAM	6	0	17.42	17.36	17.21	19	0

Band 4_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.72	16.68	16.69	18	0
20	QPSK	1	49	16.59	16.41	16.42		
20	QPSK	1	99	16.50	16.38	16.42		
20	QPSK	50	0	16.67	16.51	16.61	18	0
20	QPSK	50	24	16.51	16.37	16.46		
20	QPSK	50	50	16.59	16.45	16.48		
20	QPSK	100	0	16.53	16.42	16.51		
20	16QAM	1	0	16.47	16.57	16.53	18	0
20	16QAM	1	49	16.64	16.63	16.55		
20	16QAM	1	99	16.53	16.20	16.33		
20	16QAM	50	0	16.45	16.49	16.52	18	0
20	16QAM	50	24	16.48	16.48	16.40		
20	16QAM	50	50	16.31	16.29	16.41		
20	16QAM	100	0	16.40	16.39	16.56		
20	64QAM	1	0	16.52	16.50	16.60	18	0
20	64QAM	1	49	16.27	16.45	16.26		
20	64QAM	1	99	16.55	16.61	16.46		
20	64QAM	50	0	16.40	16.25	16.57	18	0
20	64QAM	50	24	16.49	16.45	16.48		
20	64QAM	50	50	16.66	16.48	16.57		
20	64QAM	100	0	16.38	16.65	16.57		
20	256QAM	1	0	16.48	16.36	16.58	18	0
20	256QAM	1	49	16.25	16.27	16.17		
20	256QAM	1	99	16.42	16.46	16.48		
20	256QAM	50	0	16.25	16.22	16.39	18	0
20	256QAM	50	24	16.36	16.43	16.30		
20	256QAM	50	50	16.65	16.33	16.45		
20	256QAM	100	0	16.39	16.57	16.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.63	16.67	16.51	18	0
15	QPSK	1	37	16.46	16.35	16.23		
15	QPSK	1	74	16.34	16.30	16.32		
15	QPSK	36	0	16.65	16.35	16.49	18	0
15	QPSK	36	20	16.41	16.30	16.28		
15	QPSK	36	39	16.53	16.37	16.33		
15	QPSK	75	0	16.40	16.32	16.34		
15	16QAM	1	0	16.44	16.55	16.42	18	0
15	16QAM	1	37	16.51	16.53	16.35		
15	16QAM	1	74	16.33	16.16	16.24		
15	16QAM	36	0	16.44	16.44	16.35	18	0
15	16QAM	36	20	16.36	16.45	16.24		
15	16QAM	36	39	16.11	16.20	16.26		
15	16QAM	75	0	16.29	16.38	16.48		
15	64QAM	1	0	16.51	16.38	16.40	18	0
15	64QAM	1	37	16.27	16.40	16.09		
15	64QAM	1	74	16.51	16.54	16.43		
15	64QAM	36	0	16.22	16.20	16.56	18	0
15	64QAM	36	20	16.35	16.38	16.34		
15	64QAM	36	39	16.56	16.42	16.45		
15	64QAM	75	0	16.33	16.65	16.48		
15	256QAM	1	0	16.46	16.20	16.44	18	0
15	256QAM	1	37	16.13	16.18	16.07		
15	256QAM	1	74	16.34	16.37	16.29		
15	256QAM	36	0	16.21	16.03	16.19	18	0
15	256QAM	36	20	16.23	16.37	16.23		
15	256QAM	36	39	16.65	16.14	16.25		
15	256QAM	75	0	16.34	16.46	16.29		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.58	16.61	16.62	18	0
10	QPSK	1	25	16.44	16.25	16.26		
10	QPSK	1	49	16.36	16.20	16.23		
10	QPSK	25	0	16.54	16.31	16.53	18	0
10	QPSK	25	12	16.32	16.34	16.36		
10	QPSK	25	25	16.47	16.41	16.37		
10	QPSK	50	0	16.47	16.32	16.34		
10	16QAM	1	0	16.29	16.46	16.35	18	0
10	16QAM	1	25	16.52	16.54	16.39		
10	16QAM	1	49	16.53	16.05	16.32		
10	16QAM	25	0	16.42	16.29	16.34	18	0
10	16QAM	25	12	16.41	16.39	16.23		
10	16QAM	25	25	16.16	16.10	16.30		
10	16QAM	50	0	16.38	16.39	16.36		
10	64QAM	1	0	16.33	16.44	16.60	18	0
10	64QAM	1	25	16.27	16.27	16.23		
10	64QAM	1	49	16.48	16.43	16.28		
10	64QAM	25	0	16.26	16.17	16.41	18	0
10	64QAM	25	12	16.34	16.35	16.30		
10	64QAM	25	25	16.63	16.33	16.47		
10	64QAM	50	0	16.29	16.60	16.43		
10	256QAM	1	0	16.29	16.30	16.58	18	0
10	256QAM	1	25	16.24	16.09	16.01		
10	256QAM	1	49	16.23	16.45	16.33		
10	256QAM	25	0	16.08	16.04	16.24	18	0
10	256QAM	25	12	16.27	16.23	16.27		
10	256QAM	25	25	16.52	16.25	16.25		
10	256QAM	50	0	16.22	16.55	16.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.57	16.48	16.68	18	0
5	QPSK	1	12	16.50	16.34	16.26		
5	QPSK	1	24	16.50	16.26	16.34		
5	QPSK	12	0	16.51	16.37	16.49	18	0
5	QPSK	12	7	16.44	16.32	16.37		
5	QPSK	12	13	16.58	16.28	16.37		
5	QPSK	25	0	16.39	16.24	16.45		
5	16QAM	1	0	16.36	16.53	16.50	18	0
5	16QAM	1	12	16.44	16.51	16.42		
5	16QAM	1	24	16.46	16.12	16.13		
5	16QAM	12	0	16.28	16.35	16.38	18	0
5	16QAM	12	7	16.48	16.37	16.25		
5	16QAM	12	13	16.29	16.27	16.35		
5	16QAM	25	0	16.34	16.34	16.50		
5	64QAM	1	0	16.41	16.48	16.40	18	0
5	64QAM	1	12	16.18	16.41	16.24		
5	64QAM	1	24	16.49	16.56	16.38		
5	64QAM	12	0	16.38	16.10	16.46	18	0
5	64QAM	12	7	16.29	16.41	16.32		
5	64QAM	12	13	16.63	16.43	16.46		
5	64QAM	25	0	16.20	16.46	16.56		
5	256QAM	1	0	16.47	16.19	16.56	18	0
5	256QAM	1	12	16.16	16.11	16.01		
5	256QAM	1	24	16.31	16.29	16.36		
5	256QAM	12	0	16.21	16.16	16.31	18	0
5	256QAM	12	7	16.33	16.39	16.10		
5	256QAM	12	13	16.51	16.18	16.37		
5	256QAM	25	0	16.38	16.57	16.41		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.61	16.60	16.51	18	0
3	QPSK	1	8	16.40	16.39	16.37		
3	QPSK	1	14	16.36	16.21	16.32		
3	QPSK	8	0	16.51	16.44	16.49	18	0
3	QPSK	8	4	16.37	16.20	16.28		
3	QPSK	8	7	16.53	16.43	16.43		
3	QPSK	15	0	16.53	16.39	16.46		
3	16QAM	1	0	16.38	16.45	16.44	18	0
3	16QAM	1	8	16.47	16.62	16.48		
3	16QAM	1	14	16.40	16.02	16.14		
3	16QAM	8	0	16.41	16.47	16.38	18	0
3	16QAM	8	4	16.37	16.48	16.38		
3	16QAM	8	7	16.28	16.26	16.23		
3	16QAM	15	0	16.20	16.26	16.39		
3	64QAM	1	0	16.49	16.49	16.46	18	0
3	64QAM	1	8	16.10	16.37	16.18		
3	64QAM	1	14	16.45	16.59	16.33		
3	64QAM	8	0	16.32	16.08	16.54	18	0
3	64QAM	8	4	16.46	16.25	16.36		
3	64QAM	8	7	16.54	16.36	16.44		
3	64QAM	15	0	16.37	16.57	16.43		
3	256QAM	1	0	16.28	16.19	16.43	18	0
3	256QAM	1	8	16.19	16.10	16.06		
3	256QAM	1	14	16.22	16.26	16.28		
3	256QAM	8	0	16.11	16.15	16.20	18	0
3	256QAM	8	4	16.27	16.35	16.15		
3	256QAM	8	7	16.58	16.16	16.38		
3	256QAM	15	0	16.22	16.45	16.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.58	16.57	16.67	18	0
1.4	QPSK	1	3	16.45	16.32	16.37		
1.4	QPSK	1	5	16.42	16.23	16.36		
1.4	QPSK	3	0	16.51	16.32	16.60		
1.4	QPSK	3	1	16.35	16.31	16.40		
1.4	QPSK	3	3	16.54	16.34	16.45		
1.4	QPSK	6	0	16.44	16.37	16.47	18	0
1.4	16QAM	1	0	16.41	16.53	16.44	18	0
1.4	16QAM	1	3	16.63	16.58	16.49		
1.4	16QAM	1	5	16.39	16.18	16.17		
1.4	16QAM	3	0	16.37	16.36	16.49		
1.4	16QAM	3	1	16.43	16.28	16.22		
1.4	16QAM	3	3	16.20	16.13	16.27		
1.4	16QAM	6	0	16.40	16.29	16.40	18	0
1.4	64QAM	1	0	16.49	16.38	16.59	18	0
1.4	64QAM	1	3	16.23	16.34	16.18		
1.4	64QAM	1	5	16.44	16.45	16.42		
1.4	64QAM	3	0	16.30	16.06	16.51		
1.4	64QAM	3	1	16.44	16.42	16.32		
1.4	64QAM	3	3	16.47	16.38	16.56		
1.4	64QAM	6	0	16.18	16.58	16.37	18	0
1.4	256QAM	1	0	16.45	16.21	16.47	18	0
1.4	256QAM	1	3	16.13	16.17	16.12		
1.4	256QAM	1	5	16.26	16.41	16.39		
1.4	256QAM	3	0	16.12	16.10	16.19		
1.4	256QAM	3	1	16.17	16.42	16.29		
1.4	256QAM	3	3	16.59	16.19	16.35		
1.4	256QAM	6	0	16.21	16.57	16.30	18	0

Band 5_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.74	20.69	20.66	22	0
10	QPSK	1	25	20.70	20.65	20.61		
10	QPSK	1	49	20.53	20.47	20.46		
10	QPSK	25	0	20.65	20.60	20.58	22	0
10	QPSK	25	12	20.59	20.58	20.54		
10	QPSK	25	25	20.62	20.57	20.55		
10	QPSK	50	0	20.61	20.58	20.51		
10	16QAM	1	0	20.56	20.62	20.63	22	0
10	16QAM	1	25	20.45	20.59	20.57		
10	16QAM	1	49	20.59	20.59	20.55		
10	16QAM	25	0	20.44	20.52	20.55	22	0
10	16QAM	25	12	20.54	20.53	20.58		
10	16QAM	25	25	20.49	20.58	20.60		
10	16QAM	50	0	20.56	20.50	20.55		
10	64QAM	1	0	20.63	20.59	20.60	22	0
10	64QAM	1	25	20.58	20.60	20.56		
10	64QAM	1	49	20.63	20.61	20.58		
10	64QAM	25	0	19.52	19.57	19.56	21	1
10	64QAM	25	12	19.58	19.54	19.56		
10	64QAM	25	25	19.54	19.58	19.64		
10	64QAM	50	0	19.55	19.53	19.54		
10	256QAM	1	0	17.58	17.68	17.63	19	3
10	256QAM	1	25	17.60	17.61	17.52		
10	256QAM	1	49	17.65	17.68	17.50		
10	256QAM	25	0	17.61	17.56	17.40	19	3
10	256QAM	25	12	17.64	17.58	17.35		
10	256QAM	25	25	17.59	17.49	17.43		
10	256QAM	50	0	17.66	17.58	17.47		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.68	20.62	20.64	22	0
5	QPSK	1	12	20.54	20.62	20.50		
5	QPSK	1	24	20.50	20.29	20.30		
5	QPSK	12	0	20.59	20.60	20.38	22	0
5	QPSK	12	7	20.43	20.50	20.47		
5	QPSK	12	13	20.57	20.55	20.50		
5	QPSK	25	0	20.45	20.56	20.35		
5	16QAM	1	0	20.54	20.47	20.45	22	0
5	16QAM	1	12	20.31	20.52	20.52		
5	16QAM	1	24	20.56	20.54	20.39		
5	16QAM	12	0	20.43	20.40	20.49	22	0
5	16QAM	12	7	20.47	20.38	20.48		
5	16QAM	12	13	20.32	20.41	20.43		
5	16QAM	25	0	20.38	20.48	20.54		
5	64QAM	1	0	20.54	20.59	20.55	22	0
5	64QAM	1	12	20.42	20.45	20.45		
5	64QAM	1	24	20.45	20.45	20.47		
5	64QAM	12	0	19.32	19.43	19.36	21	1
5	64QAM	12	7	19.48	19.34	19.52		
5	64QAM	12	13	19.43	19.49	19.58		
5	64QAM	25	0	19.40	19.45	19.43		
5	256QAM	1	0	17.48	17.48	17.50	19	3
5	256QAM	1	12	17.49	17.55	17.33		
5	256QAM	1	24	17.52	17.67	17.44		
5	256QAM	12	0	17.47	17.48	17.40	19	3
5	256QAM	12	7	17.51	17.56	17.27		
5	256QAM	12	13	17.46	17.36	17.35		
5	256QAM	25	0	17.46	17.40	17.36		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.65	20.53	20.62	22	0
3	QPSK	1	8	20.53	20.51	20.58		
3	QPSK	1	14	20.47	20.39	20.26		
3	QPSK	8	0	20.58	20.60	20.56	22	0
3	QPSK	8	4	20.58	20.52	20.39		
3	QPSK	8	7	20.54	20.48	20.45		
3	QPSK	15	0	20.43	20.51	20.51		
3	16QAM	1	0	20.44	20.42	20.44	22	0
3	16QAM	1	8	20.25	20.57	20.48		
3	16QAM	1	14	20.53	20.54	20.38		
3	16QAM	8	0	20.26	20.35	20.38	22	0
3	16QAM	8	4	20.43	20.52	20.44		
3	16QAM	8	7	20.37	20.46	20.48		
3	16QAM	15	0	20.53	20.50	20.52		
3	64QAM	1	0	20.43	20.54	20.41	22	0
3	64QAM	1	8	20.49	20.53	20.44		
3	64QAM	1	14	20.46	20.49	20.49		
3	64QAM	8	0	19.42	19.39	19.52	21	1
3	64QAM	8	4	19.55	19.47	19.43		
3	64QAM	8	7	19.43	19.58	19.56		
3	64QAM	15	0	19.51	19.45	19.41		
3	256QAM	1	0	17.52	17.60	17.44	19	3
3	256QAM	1	8	17.59	17.52	17.40		
3	256QAM	1	14	17.61	17.55	17.37		
3	256QAM	8	0	17.45	17.38	17.24	19	3
3	256QAM	8	4	17.54	17.40	17.26		
3	256QAM	8	7	17.42	17.31	17.32		
3	256QAM	15	0	17.55	17.53	17.28		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.55	20.56	20.51	22	0
1.4	QPSK	1	3	20.50	20.48	20.41		
1.4	QPSK	1	5	20.33	20.40	20.33		
1.4	QPSK	3	0	20.52	20.60	20.40		
1.4	QPSK	3	1	20.45	20.50	20.44		
1.4	QPSK	3	3	20.43	20.55	20.40		
1.4	QPSK	6	0	20.43	20.44	20.37	22	0
1.4	16QAM	1	0	20.45	20.43	20.60	22	0
1.4	16QAM	1	3	20.28	20.47	20.41		
1.4	16QAM	1	5	20.50	20.47	20.44		
1.4	16QAM	3	0	20.34	20.38	20.55		
1.4	16QAM	3	1	20.38	20.33	20.44		
1.4	16QAM	3	3	20.49	20.48	20.43		
1.4	16QAM	6	0	20.36	20.46	20.53	22	0
1.4	64QAM	1	0	20.50	20.44	20.50	22	0
1.4	64QAM	1	3	20.58	20.55	20.47		
1.4	64QAM	1	5	20.47	20.57	20.46		
1.4	64QAM	3	0	20.39	20.51	20.36		
1.4	64QAM	3	1	20.46	20.35	20.36		
1.4	64QAM	3	3	20.45	20.51	20.64		
1.4	64QAM	6	0	19.43	19.47	19.48	21	1
1.4	256QAM	1	0	17.55	17.57	17.53	19	3
1.4	256QAM	1	3	17.50	17.45	17.51		
1.4	256QAM	1	5	17.65	17.68	17.39		
1.4	256QAM	3	0	17.59	17.41	17.26		
1.4	256QAM	3	1	17.54	17.56	17.26		
1.4	256QAM	3	3	17.48	17.39	17.43		
1.4	256QAM	6	0	17.65	17.46	17.33	19	3

Band 7_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.12	16.24	16.22	17.5	0
20	QPSK	1	49	15.96	16.04	16.02		
20	QPSK	1	99	16.02	16.13	16.04		
20	QPSK	50	0	16.06	16.16	16.14	17.5	0
20	QPSK	50	24	16.03	16.13	16.08		
20	QPSK	50	50	15.95	16.15	16.06		
20	QPSK	100	0	15.97	16.10	16.06		
20	16QAM	1	0	16.02	15.95	15.91	17.5	0
20	16QAM	1	49	15.91	16.00	16.03		
20	16QAM	1	99	15.85	15.95	15.79		
20	16QAM	50	0	15.97	16.13	15.92	17.5	0
20	16QAM	50	24	15.94	16.04	16.02		
20	16QAM	50	50	15.79	15.91	15.97		
20	16QAM	100	0	16.10	16.06	15.91		
20	64QAM	1	0	15.90	15.86	16.11	17.5	0
20	64QAM	1	49	15.75	15.62	15.68		
20	64QAM	1	99	15.79	16.08	15.94		
20	64QAM	50	0	15.90	15.97	15.93	17.5	0
20	64QAM	50	24	15.88	16.06	15.95		
20	64QAM	50	50	16.10	15.99	15.99		
20	64QAM	100	0	15.91	15.92	16.03		
20	256QAM	1	0	16.07	16.12	16.22	17.5	0
20	256QAM	1	49	16.21	15.97	15.76		
20	256QAM	1	99	16.12	16.23	16.16		
20	256QAM	50	0	16.03	16.08	16.07	17.5	0
20	256QAM	50	24	16.01	16.21	16.11		
20	256QAM	50	50	16.12	16.12	16.16		
20	256QAM	100	0	16.09	16.18	16.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.07	16.23	16.09	17.5	0
15	QPSK	1	37	15.80	15.95	15.88		
15	QPSK	1	74	15.91	15.94	15.85		
15	QPSK	36	0	15.86	16.12	15.96	17.5	0
15	QPSK	36	20	16.02	15.99	16.03		
15	QPSK	36	39	15.91	15.98	15.86		
15	QPSK	75	0	15.96	15.90	15.89		
15	16QAM	1	0	15.91	15.89	15.73	17.5	0
15	16QAM	1	37	15.75	15.79	15.90		
15	16QAM	1	74	15.80	15.76	15.58		
15	16QAM	36	0	15.83	16.09	15.86	17.5	0
15	16QAM	36	20	15.85	15.96	15.96		
15	16QAM	36	39	15.69	15.87	15.94		
15	16QAM	75	0	16.02	15.98	15.72		
15	64QAM	1	0	15.86	15.80	16.01	17.5	0
15	64QAM	1	37	15.58	15.51	15.67		
15	64QAM	1	74	15.71	15.92	15.78		
15	64QAM	36	0	15.83	15.95	15.92	17.5	0
15	64QAM	36	20	15.85	15.85	15.86		
15	64QAM	36	39	16.00	15.80	15.85		
15	64QAM	75	0	15.71	15.72	15.96		
15	256QAM	1	0	16.05	16.02	16.06	17.5	0
15	256QAM	1	37	16.15	15.79	15.79		
15	256QAM	1	74	15.99	16.21	16.06		
15	256QAM	36	0	15.89	16.05	16.03	17.5	0
15	256QAM	36	20	15.96	16.18	15.95		
15	256QAM	36	39	16.01	16.01	16.11		
15	256QAM	75	0	15.94	16.05	15.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.96	16.20	16.09	17.5	0
10	QPSK	1	25	15.93	15.85	15.89		
10	QPSK	1	49	15.88	15.99	15.90		
10	QPSK	25	0	15.87	16.15	16.07	17.5	0
10	QPSK	25	12	15.82	16.03	16.00		
10	QPSK	25	25	15.81	16.10	15.85		
10	QPSK	50	0	15.93	15.90	15.86		
10	16QAM	1	0	15.94	15.85	15.83	17.5	0
10	16QAM	1	25	15.76	15.88	15.85		
10	16QAM	1	49	15.71	15.84	15.70		
10	16QAM	25	0	15.82	16.05	15.85	17.5	0
10	16QAM	25	12	15.92	15.91	15.88		
10	16QAM	25	25	15.62	15.76	15.76		
10	16QAM	50	0	15.97	15.98	15.73		
10	64QAM	1	0	15.88	15.85	15.94	17.5	0
10	64QAM	1	25	15.61	15.70	15.61		
10	64QAM	1	49	15.78	16.00	15.82		
10	64QAM	25	0	15.83	15.87	15.85	17.5	0
10	64QAM	25	12	15.86	15.85	15.91		
10	64QAM	25	25	16.03	15.87	15.87		
10	64QAM	50	0	15.79	15.84	15.86		
10	256QAM	1	0	16.04	16.06	16.21	17.5	0
10	256QAM	1	25	16.19	15.89	15.73		
10	256QAM	1	49	15.99	16.21	16.08		
10	256QAM	25	0	16.00	16.03	15.93	17.5	0
10	256QAM	25	12	15.93	16.02	15.98		
10	256QAM	25	25	15.98	16.08	16.13		
10	256QAM	50	0	15.97	16.06	15.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.00	16.05	16.12	17.5	0
5	QPSK	1	12	15.91	15.92	15.96		
5	QPSK	1	24	15.97	16.05	15.87		
5	QPSK	12	0	15.90	16.09	16.07	17.5	0
5	QPSK	12	7	15.88	16.02	15.94		
5	QPSK	12	13	15.78	16.07	15.99		
5	QPSK	25	0	15.86	16.06	15.90		
5	16QAM	1	0	15.81	15.92	15.80	17.5	0
5	16QAM	1	12	15.85	15.84	15.84		
5	16QAM	1	24	15.73	15.82	15.58		
5	16QAM	12	0	15.90	16.06	15.85	17.5	0
5	16QAM	12	7	15.85	16.02	15.99		
5	16QAM	12	13	15.71	15.82	15.84		
5	16QAM	25	0	15.96	16.05	15.77		
5	64QAM	1	0	15.89	15.79	16.06	17.5	0
5	64QAM	1	12	15.62	15.73	15.60		
5	64QAM	1	24	15.68	16.02	15.82		
5	64QAM	12	0	15.85	15.76	15.80	17.5	0
5	64QAM	12	7	15.73	15.97	15.85		
5	64QAM	12	13	16.09	15.98	15.96		
5	64QAM	25	0	15.89	15.72	15.82		
5	256QAM	1	0	15.92	16.06	16.13	17.5	0
5	256QAM	1	12	16.18	15.85	15.69		
5	256QAM	1	24	15.98	16.17	16.11		
5	256QAM	12	0	15.95	15.87	15.99	17.5	0
5	256QAM	12	7	15.80	16.13	15.98		
5	256QAM	12	13	15.94	16.02	16.14		
5	256QAM	25	0	16.01	16.07	15.98		

Band 7_Ant 4_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.64	16.81	16.84	18	0
20	QPSK	1	49	16.58	16.62	16.76		
20	QPSK	1	99	16.61	16.67	16.80		
20	QPSK	50	0	16.61	16.74	16.75	18	0
20	QPSK	50	24	16.60	16.66	16.68		
20	QPSK	50	50	16.54	16.60	16.72		
20	QPSK	100	0	16.72	16.69	16.73		
20	16QAM	1	0	16.31	16.62	16.35	18	0
20	16QAM	1	49	16.31	16.78	16.49		
20	16QAM	1	99	16.41	16.62	16.56		
20	16QAM	50	0	16.48	16.66	16.63	18	0
20	16QAM	50	24	16.59	16.68	16.64		
20	16QAM	50	50	16.48	16.71	16.63		
20	16QAM	100	0	16.59	16.53	16.56		
20	64QAM	1	0	16.44	16.64	16.35	18	0
20	64QAM	1	49	16.39	16.71	16.50		
20	64QAM	1	99	16.49	16.62	16.45		
20	64QAM	50	0	16.48	16.66	16.67	18	0
20	64QAM	50	24	16.58	16.69	16.61		
20	64QAM	50	50	16.58	16.55	16.60		
20	64QAM	100	0	16.61	16.61	16.67		
20	256QAM	1	0	16.52	16.55	16.59	18	0
20	256QAM	1	49	16.56	16.62	16.66		
20	256QAM	1	99	16.65	16.48	16.49		
20	256QAM	50	0	16.54	16.53	16.53	18	0
20	256QAM	50	24	16.59	16.63	16.58		
20	256QAM	50	50	16.54	16.63	16.46		
20	256QAM	100	0	16.64	16.46	16.70		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.43	16.69	16.65	18	0
15	QPSK	1	37	16.45	16.56	16.57		
15	QPSK	1	74	16.48	16.47	16.73		
15	QPSK	36	0	16.56	16.58	16.54	18	0
15	QPSK	36	20	16.56	16.46	16.58		
15	QPSK	36	39	16.53	16.42	16.60		
15	QPSK	75	0	16.57	16.58	16.54		
15	16QAM	1	0	16.23	16.53	16.27	18	0
15	16QAM	1	37	16.25	16.73	16.33		
15	16QAM	1	74	16.29	16.42	16.37		
15	16QAM	36	0	16.43	16.45	16.62	18	0
15	16QAM	36	20	16.46	16.47	16.51		
15	16QAM	36	39	16.34	16.56	16.48		
15	16QAM	75	0	16.41	16.44	16.35		
15	64QAM	1	0	16.43	16.52	16.30	18	0
15	64QAM	1	37	16.37	16.68	16.29		
15	64QAM	1	74	16.32	16.58	16.30		
15	64QAM	36	0	16.36	16.53	16.62	18	0
15	64QAM	36	20	16.52	16.55	16.58		
15	64QAM	36	39	16.50	16.45	16.42		
15	64QAM	75	0	16.51	16.40	16.53		
15	256QAM	1	0	16.49	16.35	16.57	18	0
15	256QAM	1	37	16.36	16.55	16.51		
15	256QAM	1	74	16.48	16.37	16.47		
15	256QAM	36	0	16.46	16.51	16.37	18	0
15	256QAM	36	20	16.56	16.43	16.41		
15	256QAM	36	39	16.53	16.45	16.29		
15	256QAM	75	0	16.50	16.37	16.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.59	16.61	16.82	18	0
10	QPSK	1	25	16.38	16.60	16.67		
10	QPSK	1	49	16.59	16.61	16.64		
10	QPSK	25	0	16.43	16.57	16.74	18	0
10	QPSK	25	12	16.56	16.47	16.48		
10	QPSK	25	25	16.34	16.49	16.52		
10	QPSK	50	0	16.70	16.59	16.56		
10	16QAM	1	0	16.25	16.58	16.27	18	0
10	16QAM	1	25	16.23	16.73	16.44		
10	16QAM	1	49	16.29	16.46	16.41		
10	16QAM	25	0	16.29	16.54	16.51	18	0
10	16QAM	25	12	16.42	16.47	16.50		
10	16QAM	25	25	16.35	16.58	16.45		
10	16QAM	50	0	16.51	16.52	16.45		
10	64QAM	1	0	16.39	16.44	16.24	18	0
10	64QAM	1	25	16.21	16.57	16.47		
10	64QAM	1	49	16.37	16.54	16.30		
10	64QAM	25	0	16.32	16.61	16.50	18	0
10	64QAM	25	12	16.57	16.58	16.51		
10	64QAM	25	25	16.46	16.34	16.58		
10	64QAM	50	0	16.41	16.42	16.60		
10	256QAM	1	0	16.36	16.34	16.41	18	0
10	256QAM	1	25	16.35	16.51	16.47		
10	256QAM	1	49	16.59	16.45	16.30		
10	256QAM	25	0	16.38	16.52	16.46	18	0
10	256QAM	25	12	16.41	16.50	16.39		
10	256QAM	25	25	16.47	16.59	16.30		
10	256QAM	50	0	16.46	16.30	16.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.44	16.68	16.74	18	0
5	QPSK	1	12	16.55	16.50	16.68		
5	QPSK	1	24	16.60	16.57	16.71		
5	QPSK	12	0	16.55	16.61	16.62	18	0
5	QPSK	12	7	16.42	16.62	16.49		
5	QPSK	12	13	16.36	16.43	16.64		
5	QPSK	25	0	16.62	16.53	16.62		
5	16QAM	1	0	16.14	16.57	16.19	18	0
5	16QAM	1	12	16.28	16.62	16.33		
5	16QAM	1	24	16.27	16.54	16.40		
5	16QAM	12	0	16.46	16.53	16.42	18	0
5	16QAM	12	7	16.58	16.61	16.57		
5	16QAM	12	13	16.27	16.65	16.53		
5	16QAM	25	0	16.52	16.36	16.51		
5	64QAM	1	0	16.27	16.59	16.20	18	0
5	64QAM	1	12	16.29	16.50	16.35		
5	64QAM	1	24	16.47	16.60	16.43		
5	64QAM	12	0	16.31	16.64	16.59	18	0
5	64QAM	12	7	16.50	16.49	16.49		
5	64QAM	12	13	16.38	16.37	16.58		
5	64QAM	25	0	16.51	16.44	16.48		
5	256QAM	1	0	16.38	16.48	16.48	18	0
5	256QAM	1	12	16.38	16.49	16.47		
5	256QAM	1	24	16.51	16.31	16.43		
5	256QAM	12	0	16.33	16.37	16.44	18	0
5	256QAM	12	7	16.44	16.42	16.38		
5	256QAM	12	13	16.48	16.61	16.40		
5	256QAM	25	0	16.57	16.28	16.58		

Band 66_Ant 0_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.68	16.78	16.76	18	0
20	QPSK	1	49	16.45	16.69	16.66		
20	QPSK	1	99	16.38	16.38	16.49		
20	QPSK	50	0	16.70	16.76	16.72	18	0
20	QPSK	50	24	16.50	16.68	16.65		
20	QPSK	50	50	16.48	16.71	16.51		
20	QPSK	100	0	16.49	16.68	16.59		
20	16QAM	1	0	16.62	16.64	16.43	18	0
20	16QAM	1	49	16.50	16.58	16.38		
20	16QAM	1	99	16.43	16.71	16.55		
20	16QAM	50	0	16.56	16.43	16.25	18	0
20	16QAM	50	24	16.40	16.58	16.71		
20	16QAM	50	50	16.26	16.55	16.63		
20	16QAM	100	0	16.36	16.65	16.51		
20	64QAM	1	0	16.46	16.55	16.66	18	0
20	64QAM	1	49	16.29	16.66	16.56		
20	64QAM	1	99	16.54	16.74	16.33		
20	64QAM	50	0	16.59	16.55	16.60	18	0
20	64QAM	50	24	16.36	16.41	16.65		
20	64QAM	50	50	16.31	16.54	16.56		
20	64QAM	100	0	16.21	16.60	16.60		
20	256QAM	1	0	16.45	16.54	16.53	18	0
20	256QAM	1	49	16.16	16.48	16.50		
20	256QAM	1	99	16.56	16.69	16.32		
20	256QAM	50	0	16.52	16.45	16.48	18	0
20	256QAM	50	24	16.19	16.36	16.60		
20	256QAM	50	50	16.31	16.55	16.38		
20	256QAM	100	0	16.10	16.53	16.47		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.61	16.64	16.63	18	0
15	QPSK	1	37	16.43	16.64	16.46		
15	QPSK	1	74	16.22	16.21	16.40		
15	QPSK	36	0	16.65	16.71	16.58	18	0
15	QPSK	36	20	16.45	16.51	16.45		
15	QPSK	36	39	16.36	16.60	16.39		
15	QPSK	75	0	16.41	16.54	16.52		
15	16QAM	1	0	16.46	16.53	16.41	18	0
15	16QAM	1	37	16.47	16.49	16.18		
15	16QAM	1	74	16.40	16.60	16.46		
15	16QAM	36	0	16.45	16.35	16.07	18	0
15	16QAM	36	20	16.40	16.44	16.56		
15	16QAM	36	39	16.25	16.35	16.57		
15	16QAM	75	0	16.32	16.50	16.47		
15	64QAM	1	0	16.29	16.53	16.46	18	0
15	64QAM	1	37	16.18	16.50	16.36		
15	64QAM	1	74	16.43	16.60	16.23		
15	64QAM	36	0	16.51	16.53	16.49	18	0
15	64QAM	36	20	16.19	16.35	16.59		
15	64QAM	36	39	16.20	16.47	16.46		
15	64QAM	75	0	16.20	16.48	16.55		
15	256QAM	1	0	16.38	16.50	16.46	18	0
15	256QAM	1	37	16.10	16.36	16.37		
15	256QAM	1	74	16.45	16.67	16.20		
15	256QAM	36	0	16.36	16.38	16.36	18	0
15	256QAM	36	20	16.07	16.16	16.56		
15	256QAM	36	39	16.31	16.37	16.28		
15	256QAM	75	0	16.06	16.42	16.44		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.63	16.78	16.74	18	0
10	QPSK	1	25	16.44	16.67	16.54		
10	QPSK	1	49	16.35	16.36	16.33		
10	QPSK	25	0	16.53	16.60	16.53	18	0
10	QPSK	25	12	16.45	16.54	16.52		
10	QPSK	25	25	16.36	16.53	16.39		
10	QPSK	50	0	16.33	16.48	16.44		
10	16QAM	1	0	16.52	16.55	16.23	18	0
10	16QAM	1	25	16.39	16.42	16.19		
10	16QAM	1	49	16.43	16.64	16.54		
10	16QAM	25	0	16.49	16.35	16.11	18	0
10	16QAM	25	12	16.32	16.40	16.58		
10	16QAM	25	25	16.08	16.48	16.51		
10	16QAM	50	0	16.34	16.46	16.39		
10	64QAM	1	0	16.39	16.41	16.47	18	0
10	64QAM	1	25	16.16	16.52	16.51		
10	64QAM	1	49	16.53	16.66	16.28		
10	64QAM	25	0	16.53	16.54	16.57	18	0
10	64QAM	25	12	16.27	16.25	16.47		
10	64QAM	25	25	16.23	16.54	16.44		
10	64QAM	50	0	16.18	16.53	16.42		
10	256QAM	1	0	16.41	16.38	16.42	18	0
10	256QAM	1	25	16.15	16.38	16.38		
10	256QAM	1	49	16.37	16.50	16.15		
10	256QAM	25	0	16.47	16.26	16.45	18	0
10	256QAM	25	12	16.06	16.29	16.51		
10	256QAM	25	25	16.17	16.44	16.26		
10	256QAM	50	0	16.00	16.40	16.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.66	16.73	16.72	18	0
5	QPSK	1	12	16.38	16.69	16.57		
5	QPSK	1	24	16.36	16.35	16.45		
5	QPSK	12	0	16.66	16.68	16.57	18	0
5	QPSK	12	7	16.30	16.64	16.45		
5	QPSK	12	13	16.44	16.61	16.38		
5	QPSK	25	0	16.39	16.62	16.45		
5	16QAM	1	0	16.51	16.54	16.38	18	0
5	16QAM	1	12	16.46	16.52	16.25		
5	16QAM	1	24	16.28	16.56	16.43		
5	16QAM	12	0	16.53	16.42	16.18	18	0
5	16QAM	12	7	16.36	16.43	16.58		
5	16QAM	12	13	16.07	16.54	16.48		
5	16QAM	25	0	16.19	16.65	16.50		
5	64QAM	1	0	16.31	16.40	16.66	18	0
5	64QAM	1	12	16.25	16.63	16.44		
5	64QAM	1	24	16.51	16.63	16.21		
5	64QAM	12	0	16.40	16.52	16.52	18	0
5	64QAM	12	7	16.27	16.29	16.47		
5	64QAM	12	13	16.22	16.50	16.50		
5	64QAM	25	0	16.06	16.54	16.57		
5	256QAM	1	0	16.34	16.47	16.49	18	0
5	256QAM	1	12	16.12	16.42	16.47		
5	256QAM	1	24	16.46	16.68	16.14		
5	256QAM	12	0	16.38	16.32	16.42	18	0
5	256QAM	12	7	16.03	16.16	16.46		
5	256QAM	12	13	16.31	16.46	16.19		
5	256QAM	25	0	16.08	16.44	16.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.53	16.58	16.71	18	0
3	QPSK	1	8	16.33	16.60	16.50		
3	QPSK	1	14	16.36	16.19	16.47		
3	QPSK	8	0	16.62	16.64	16.65	18	0
3	QPSK	8	4	16.45	16.66	16.53		
3	QPSK	8	7	16.34	16.67	16.42		
3	QPSK	15	0	16.43	16.56	16.51		
3	16QAM	1	0	16.51	16.53	16.27	18	0
3	16QAM	1	8	16.33	16.40	16.20		
3	16QAM	1	14	16.31	16.59	16.52		
3	16QAM	8	0	16.43	16.39	16.21	18	0
3	16QAM	8	4	16.37	16.47	16.68		
3	16QAM	8	7	16.10	16.52	16.62		
3	16QAM	15	0	16.28	16.53	16.37		
3	64QAM	1	0	16.31	16.35	16.57	18	0
3	64QAM	1	8	16.16	16.62	16.45		
3	64QAM	1	14	16.36	16.74	16.14		
3	64QAM	8	0	16.49	16.48	16.43	18	0
3	64QAM	8	4	16.35	16.38	16.57		
3	64QAM	8	7	16.30	16.48	16.53		
3	64QAM	15	0	16.18	16.53	16.41		
3	256QAM	1	0	16.42	16.53	16.36	18	0
3	256QAM	1	8	16.05	16.32	16.48		
3	256QAM	1	14	16.41	16.61	16.15		
3	256QAM	8	0	16.49	16.37	16.29	18	0
3	256QAM	8	4	16.01	16.33	16.50		
3	256QAM	8	7	16.17	16.41	16.24		
3	256QAM	15	0	15.95	16.48	16.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.54	16.78	16.68	18	0
1.4	QPSK	1	3	16.37	16.59	16.61		
1.4	QPSK	1	5	16.33	16.36	16.33		
1.4	QPSK	3	0	16.69	16.66	16.59		
1.4	QPSK	3	1	16.37	16.55	16.58		
1.4	QPSK	3	3	16.46	16.71	16.42		
1.4	QPSK	6	0	16.38	16.50	16.43	18	0
1.4	16QAM	1	0	16.52	16.62	16.26	18	0
1.4	16QAM	1	3	16.39	16.56	16.21		
1.4	16QAM	1	5	16.33	16.66	16.46		
1.4	16QAM	3	0	16.43	16.37	16.18		
1.4	16QAM	3	1	16.23	16.56	16.62		
1.4	16QAM	3	3	16.21	16.36	16.58		
1.4	16QAM	6	0	16.27	16.62	16.42	18	0
1.4	64QAM	1	0	16.35	16.36	16.65	18	0
1.4	64QAM	1	3	16.21	16.49	16.42		
1.4	64QAM	1	5	16.39	16.74	16.13		
1.4	64QAM	3	0	16.48	16.39	16.40		
1.4	64QAM	3	1	16.35	16.30	16.45		
1.4	64QAM	3	3	16.26	16.52	16.53		
1.4	64QAM	6	0	16.18	16.47	16.43	18	0
1.4	256QAM	1	0	16.42	16.37	16.36	18	0
1.4	256QAM	1	3	16.12	16.42	16.47		
1.4	256QAM	1	5	16.36	16.54	16.30		
1.4	256QAM	3	0	16.52	16.32	16.45		
1.4	256QAM	3	1	16.13	16.20	16.41		
1.4	256QAM	3	3	16.19	16.46	16.22		
1.4	256QAM	6	0	16.08	16.43	16.38	18	0

Band 38_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.07	20.18	20.01	21	0
20	QPSK	1	49	20.02	20.10	19.98		
20	QPSK	1	99	20.00	20.15	19.99		
20	QPSK	50	0	20.04	20.16	20.01	21	0
20	QPSK	50	24	20.00	20.00	19.96		
20	QPSK	50	50	19.98	20.07	19.95		
20	QPSK	100	0	20.04	20.08	20.01		
20	16QAM	1	0	20.13	20.03	19.68	21	0
20	16QAM	1	49	20.12	20.11	19.82		
20	16QAM	1	99	20.15	20.09	20.11		
20	16QAM	50	0	19.99	19.98	19.76	21	0
20	16QAM	50	24	20.04	20.08	19.85		
20	16QAM	50	50	20.16	20.12	19.99		
20	16QAM	100	0	20.14	20.14	19.82		
20	64QAM	1	0	19.73	19.52	19.63	21	0
20	64QAM	1	49	19.91	19.86	19.48		
20	64QAM	1	99	19.84	19.96	19.80		
20	64QAM	50	0	20.02	19.91	19.71	21	0
20	64QAM	50	24	20.01	20.04	19.78		
20	64QAM	50	50	20.10	20.07	19.89		
20	64QAM	100	0	20.07	20.00	19.73		
20	256QAM	1	0	17.73	17.61	17.58	18.5	2.5
20	256QAM	1	49	17.79	17.68	17.41		
20	256QAM	1	99	17.53	17.53	17.32		
20	256QAM	50	0	18.03	17.91	17.81	18.5	2.5
20	256QAM	50	24	17.98	17.70	17.78		
20	256QAM	50	50	17.78	17.65	17.61		
20	256QAM	100	0	17.71	17.70	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.90	19.96	19.89	21	0
15	QPSK	1	37	19.84	20.05	19.76		
15	QPSK	1	74	19.96	19.98	19.77		
15	QPSK	36	0	19.84	20.12	19.81	21	0
15	QPSK	36	20	19.85	19.94	19.82		
15	QPSK	36	39	19.82	19.91	19.80		
15	QPSK	75	0	19.93	19.98	19.89		
15	16QAM	1	0	19.96	19.98	19.66	21	0
15	16QAM	1	37	20.04	20.05	19.74		
15	16QAM	1	74	20.12	19.95	19.98		
15	16QAM	36	0	19.89	19.76	19.68	21	0
15	16QAM	36	20	20.02	19.92	19.77		
15	16QAM	36	39	19.96	20.09	19.81		
15	16QAM	75	0	19.92	19.96	19.69		
15	64QAM	1	0	19.66	19.42	19.56	21	0
15	64QAM	1	37	19.79	19.78	19.45		
15	64QAM	1	74	19.62	19.92	19.66		
15	64QAM	36	0	19.81	19.88	19.53	21	0
15	64QAM	36	20	19.87	19.93	19.70		
15	64QAM	36	39	20.01	19.85	19.80		
15	64QAM	75	0	19.92	19.93	19.57		
15	256QAM	1	0	17.53	17.57	17.53	18.5	2.5
15	256QAM	1	37	17.57	17.56	17.21		
15	256QAM	1	74	17.45	17.34	17.22		
15	256QAM	36	0	17.97	17.75	17.71	18.5	2.5
15	256QAM	36	20	17.79	17.53	17.69		
15	256QAM	36	39	17.57	17.60	17.53		
15	256QAM	75	0	17.50	17.54	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.94	20.11	19.79	21	0
10	QPSK	1	25	19.96	20.04	19.83		
10	QPSK	1	49	19.88	20.05	19.83		
10	QPSK	25	0	19.88	20.05	19.99	21	0
10	QPSK	25	12	19.98	19.97	19.76		
10	QPSK	25	25	19.93	19.99	19.91		
10	QPSK	50	0	19.89	19.99	19.86		
10	16QAM	1	0	20.04	20.01	19.48	21	0
10	16QAM	1	25	19.92	19.97	19.69		
10	16QAM	1	49	20.00	19.91	20.02		
10	16QAM	25	0	19.94	19.87	19.60	21	0
10	16QAM	25	12	19.93	19.94	19.74		
10	16QAM	25	25	20.13	20.05	19.94		
10	16QAM	50	0	19.96	20.11	19.68		
10	64QAM	1	0	19.57	19.48	19.49	21	0
10	64QAM	1	25	19.83	19.73	19.33		
10	64QAM	1	49	19.69	19.82	19.62		
10	64QAM	25	0	19.82	19.77	19.49	21	0
10	64QAM	25	12	19.85	19.84	19.63		
10	64QAM	25	25	20.07	19.88	19.70		
10	64QAM	50	0	19.86	19.82	19.53		
10	256QAM	1	0	17.58	17.45	17.51	18.5	2.5
10	256QAM	1	25	17.75	17.65	17.34		
10	256QAM	1	49	17.42	17.44	17.10		
10	256QAM	25	0	17.93	17.83	17.64	18.5	2.5
10	256QAM	25	12	17.79	17.51	17.65		
10	256QAM	25	25	17.72	17.45	17.47		
10	256QAM	50	0	17.67	17.57	17.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.94	20.06	19.96	21	0
5	QPSK	1	12	19.94	20.04	19.92		
5	QPSK	1	24	19.84	20.01	19.90		
5	QPSK	12	0	19.94	19.98	19.83	21	0
5	QPSK	12	7	19.84	19.80	19.79		
5	QPSK	12	13	19.82	19.93	19.73		
5	QPSK	25	0	19.93	20.06	19.86		
5	16QAM	1	0	20.11	19.84	19.47	21	0
5	16QAM	1	12	20.07	20.06	19.71		
5	16QAM	1	24	20.09	20.03	19.96		
5	16QAM	12	0	19.78	19.79	19.73	21	0
5	16QAM	12	7	19.87	19.91	19.73		
5	16QAM	12	13	20.14	20.10	19.81		
5	16QAM	25	0	20.03	19.96	19.66		
5	64QAM	1	0	19.69	19.31	19.48	21	0
5	64QAM	1	12	19.87	19.84	19.46		
5	64QAM	1	24	19.79	19.78	19.58		
5	64QAM	12	0	19.85	19.76	19.69	21	0
5	64QAM	12	7	19.81	19.88	19.76		
5	64QAM	12	13	19.93	19.98	19.72		
5	64QAM	25	0	19.90	19.79	19.66		
5	256QAM	1	0	17.63	17.45	17.40	18.5	2.5
5	256QAM	1	12	17.66	17.47	17.39		
5	256QAM	1	24	17.37	17.45	17.25		
5	256QAM	12	0	17.90	17.71	17.69	18.5	2.5
5	256QAM	12	7	17.83	17.67	17.65		
5	256QAM	12	13	17.68	17.55	17.47		
5	256QAM	25	0	17.67	17.53	17.43		

Reduced Power Mode for Receiver on

Band 7_Ant 1_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.22	19.34	19.18		
20	QPSK	1	49	19.24	19.3	19.22	20.5	0
20	QPSK	1	99	19.15	19.29	19.01		
20	QPSK	50	0	19.17	19.27	19.08		
20	QPSK	50	24	19.05	19.22	19.01	20.5	0
20	QPSK	50	50	19.15	19.17	19.14		
20	QPSK	100	0	19.06	19.24	19.01		
20	16QAM	1	0	18.99	18.98	19.19		
20	16QAM	1	49	19.01	19.27	18.67	20.5	0
20	16QAM	1	99	18.87	18.93	19		
20	16QAM	50	0	18.86	18.94	18.85		
20	16QAM	50	24	18.98	19.05	18.97	20.5	0
20	16QAM	50	50	19.07	19.05	19.03		
20	16QAM	100	0	18.9	19.02	18.95		
20	64QAM	1	0	19.1	19.14	18.73		
20	64QAM	1	49	19.1	19.21	18.77	20.5	0
20	64QAM	1	99	18.68	19.11	19.01		
20	64QAM	50	0	18.98	19.11	18.95		
20	64QAM	50	24	18.99	19.12	19.02	20.5	0
20	64QAM	50	50	19.06	19.13	19.13		
20	64QAM	100	0	19	19.19	18.96		
20	256QAM	1	0	17.02	17.21	17.13		
20	256QAM	1	49	16.98	17.18	17.01	18	2.5
20	256QAM	1	99	17.09	17.09	17.01		
20	256QAM	50	0	17.06	17.12	17.03		
20	256QAM	50	24	17.15	17.21	16.98	18	2.5
20	256QAM	50	50	17.30	17.38	16.96		
20	256QAM	100	0	17.20	17.26	16.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.19	19.31	19.13		
15	QPSK	1	37	19.04	19.27	19.12	20.5	0
15	QPSK	1	74	18.99	19.21	18.99		
15	QPSK	36	0	19.01	19.09	18.92		
15	QPSK	36	20	18.96	19.05	18.98	20.5	0
15	QPSK	36	39	19.08	19.10	19.06		
15	QPSK	75	0	18.88	19.15	18.94		
15	16QAM	1	0	18.89	18.92	19.15		
15	16QAM	1	37	18.85	19.12	18.65	20.5	0
15	16QAM	1	74	18.84	18.77	18.97		
15	16QAM	36	0	18.81	18.88	18.76		
15	16QAM	36	20	18.79	18.84	18.83	20.5	0
15	16QAM	36	39	19.01	18.96	19.00		
15	16QAM	75	0	18.84	18.98	18.78		
15	64QAM	1	0	19.00	19.03	18.51		
15	64QAM	1	37	19.02	19.14	18.71	20.5	0
15	64QAM	1	74	18.61	19.09	18.84		
15	64QAM	36	0	18.76	19.05	18.77		
15	64QAM	36	20	18.83	18.91	18.96	20.5	0
15	64QAM	36	39	18.92	19.04	18.94		
15	64QAM	75	0	18.97	18.99	18.74		
15	256QAM	1	0	16.87	17.18	16.95		
15	256QAM	1	37	16.95	17.11	16.97	18	2.5
15	256QAM	1	74	16.95	16.95	16.99		
15	256QAM	36	0	17.04	16.99	16.81		
15	256QAM	36	20	16.94	17.06	16.80	18	2.5
15	256QAM	36	39	17.21	17.20	16.85		
15	256QAM	75	0	17.09	17.17	16.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.09	19.13	19.16		
10	QPSK	1	25	19.08	19.15	19.05	20.5	0
10	QPSK	1	49	19.00	19.09	18.82		
10	QPSK	25	0	19.09	19.06	18.87		
10	QPSK	25	12	18.91	19.12	18.84	20.5	0
10	QPSK	25	25	19.00	19.14	19.12		
10	QPSK	50	0	18.91	19.15	18.80		
10	16QAM	1	0	18.91	18.76	18.99		
10	16QAM	1	25	18.81	19.11	19.14	20.5	0
10	16QAM	1	49	18.85	18.79	18.90		
10	16QAM	25	0	18.74	18.81	18.71		
10	16QAM	25	12	18.87	18.95	18.75	20.5	0
10	16QAM	25	25	19.01	18.88	18.82		
10	16QAM	50	0	18.88	18.98	18.88		
10	64QAM	1	0	19.05	18.97	18.70		
10	64QAM	1	25	19.05	19.13	18.65	20.5	0
10	64QAM	1	49	18.50	19.07	18.91		
10	64QAM	25	0	18.80	19.09	18.87		
10	64QAM	25	12	18.89	19.05	18.92	20.5	0
10	64QAM	25	25	19.03	19.03	19.00		
10	64QAM	50	0	18.88	19.08	18.93		
10	256QAM	1	0	16.87	17.07	16.96		
10	256QAM	1	25	16.87	17.13	16.98	18	2.5
10	256QAM	1	49	16.94	17.02	16.88		
10	256QAM	25	0	16.85	17.03	16.90		
10	256QAM	25	12	16.93	17.09	16.91	18	2.5
10	256QAM	25	25	17.24	17.20	16.77		
10	256QAM	50	0	17.12	17.05	16.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.18	19.15	19.10		
5	QPSK	1	12	19.02	19.22	19.09	20.5	0
5	QPSK	1	24	19.00	19.10	18.88		
5	QPSK	12	0	18.96	19.11	18.97		
5	QPSK	12	7	18.97	19.15	18.80	20.5	0
5	QPSK	12	13	19.12	19.15	18.99		
5	QPSK	25	0	18.99	19.07	18.92		
5	16QAM	1	0	18.82	18.77	18.98		
5	16QAM	1	12	18.79	19.13	18.60	20.5	0
5	16QAM	1	24	18.78	18.90	18.85		
5	16QAM	12	0	18.75	18.79	18.65		
5	16QAM	12	7	18.84	18.85	18.86	20.5	0
5	16QAM	12	13	18.97	18.97	18.84		
5	16QAM	25	0	18.72	18.83	18.79		
5	64QAM	1	0	19.03	19.10	18.53		
5	64QAM	1	12	19.07	19.18	18.65	20.5	0
5	64QAM	1	24	18.60	19.02	18.83		
5	64QAM	12	0	18.85	18.94	18.80		
5	64QAM	12	7	18.95	18.97	18.94	20.5	0
5	64QAM	12	13	18.97	19.02	18.93		
5	64QAM	25	0	18.80	19.02	18.81		
5	256QAM	1	0	16.90	17.00	17.04		
5	256QAM	1	12	16.87	17.03	16.96	18	2.5
5	256QAM	1	24	16.87	16.98	16.87		
5	256QAM	12	0	16.88	16.90	16.98		
5	256QAM	12	7	17.02	17.16	16.81	18	2.5
5	256QAM	12	13	17.17	17.24	16.82		
5	256QAM	25	0	17.12	17.14	16.77		

Band 7_Ant 4_ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.50	13.59	13.62		
20	QPSK	1	49	13.48	13.50	13.58	15	0
20	QPSK	1	99	13.45	13.54	13.56		
20	QPSK	50	0	13.48	13.52	13.53		
20	QPSK	50	24	13.43	13.49	13.51	15	0
20	QPSK	50	50	13.36	13.45	13.50		
20	QPSK	100	0	13.48	13.47	13.59		
20	16QAM	1	0	13.25	13.32	13.35		
20	16QAM	1	49	13.19	13.35	13.38	15	0
20	16QAM	1	99	13.34	13.44	13.47		
20	16QAM	50	0	13.27	13.30	13.34		
20	16QAM	50	24	13.24	13.32	13.40	15	0
20	16QAM	50	50	13.28	13.27	13.34		
20	16QAM	100	0	13.25	13.28	13.31		
20	64QAM	1	0	13.02	13.07	13.01		
20	64QAM	1	49	13.03	13.05	13.07	15	0
20	64QAM	1	99	13.09	13.02	13.07		
20	64QAM	50	0	13.23	13.27	13.33		
20	64QAM	50	24	13.21	13.23	13.28	15	0
20	64QAM	50	50	13.25	13.26	13.27		
20	64QAM	100	0	13.25	13.27	13.37		
20	256QAM	1	0	13.24	13.30	13.27		
20	256QAM	1	49	13.20	13.24	13.36	15	0
20	256QAM	1	99	13.32	13.37	13.39		
20	256QAM	50	0	13.28	13.35	13.38		
20	256QAM	50	24	13.25	13.33	13.40	15	0
20	256QAM	50	50	13.33	13.35	13.39		
20	256QAM	100	0	13.24	13.27	13.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.36	13.41	13.48		
15	QPSK	1	37	13.38	13.39	13.55	15	0
15	QPSK	1	74	13.38	13.42	13.52		
15	QPSK	36	0	13.38	13.49	13.33		
15	QPSK	36	20	13.41	13.28	13.40	15	0
15	QPSK	36	39	13.34	13.28	13.39		
15	QPSK	75	0	13.45	13.34	13.48		
15	16QAM	1	0	13.06	13.21	13.26		
15	16QAM	1	37	13.07	13.32	13.17	15	0
15	16QAM	1	74	13.20	13.29	13.28		
15	16QAM	36	0	13.17	13.09	13.17		
15	16QAM	36	20	13.02	13.27	13.22	15	0
15	16QAM	36	39	13.11	13.20	13.17		
15	16QAM	75	0	13.23	13.12	13.13		
15	64QAM	1	0	13.45	13.06	13.14		
15	64QAM	1	37	13.19	13.14	13.18	15	0
15	64QAM	1	74	13.09	13.08	13.09		
15	64QAM	36	0	13.15	13.22	13.13		
15	64QAM	36	20	13.18	13.02	13.23	15	0
15	64QAM	36	39	13.10	13.17	13.24		
15	64QAM	75	0	13.13	13.18	13.30		
15	256QAM	1	0	13.08	13.25	13.05		
15	256QAM	1	37	13.07	13.07	13.29	15	0
15	256QAM	1	74	13.14	13.25	13.19		
15	256QAM	36	0	13.21	13.27	13.24		
15	256QAM	36	20	13.07	13.22	13.18	15	0
15	256QAM	36	39	13.25	13.13	13.28		
15	256QAM	75	0	13.07	13.14	13.30		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.33	13.57	13.52		
10	QPSK	1	25	13.37	13.37	13.48	15	0
10	QPSK	1	49	13.30	13.51	13.40		
10	QPSK	25	0	13.41	13.40	13.45		
10	QPSK	25	12	13.39	13.39	13.32	15	0
10	QPSK	25	25	13.22	13.26	13.43		
10	QPSK	50	0	13.32	13.35	13.38		
10	16QAM	1	0	13.12	13.13	13.29		
10	16QAM	1	25	13.10	13.14	13.34	15	0
10	16QAM	1	49	13.29	13.27	13.25		
10	16QAM	25	0	13.16	13.13	13.23		
10	16QAM	25	12	13.14	13.25	13.19	15	0
10	16QAM	25	25	13.21	13.08	13.23		
10	16QAM	50	0	13.08	13.20	13.16		
10	64QAM	1	0	13.05	13.05	13.07		
10	64QAM	1	25	13.06	13.05	13.06	15	0
10	64QAM	1	49	13.21	13.13	13.05		
10	64QAM	25	0	13.03	13.14	13.24		
10	64QAM	25	12	13.13	13.11	13.11	15	0
10	64QAM	25	25	13.23	13.18	13.20		
10	64QAM	50	0	13.14	13.05	13.24		
10	256QAM	1	0	13.18	13.14	13.05		
10	256QAM	1	25	13.15	13.09	13.22	15	0
10	256QAM	1	49	13.12	13.24	13.28		
10	256QAM	25	0	13.26	13.32	13.18		
10	256QAM	25	12	13.05	13.23	13.35	15	0
10	256QAM	25	25	13.13	13.23	13.29		
10	256QAM	50	0	13.17	13.19	13.29		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.35	13.38	13.54		
5	QPSK	1	12	13.43	13.42	13.47	15	0
5	QPSK	1	24	13.24	13.51	13.35		
5	QPSK	12	0	13.45	13.39	13.48		
5	QPSK	12	7	13.36	13.27	13.49	15	0
5	QPSK	12	13	13.23	13.28	13.39		
5	QPSK	25	0	13.41	13.41	13.48		
5	16QAM	1	0	13.21	13.24	13.17		
5	16QAM	1	12	13.08	13.13	13.16	15	0
5	16QAM	1	24	13.30	13.23	13.32		
5	16QAM	12	0	13.22	13.25	13.29		
5	16QAM	12	7	13.22	13.12	13.23	15	0
5	16QAM	12	13	13.17	13.13	13.21		
5	16QAM	25	0	13.19	13.26	13.29		
5	64QAM	1	0	13.06	13.10	13.00		
5	64QAM	1	12	13.03	13.17	13.15	15	0
5	64QAM	1	24	13.14	13.15	13.11		
5	64QAM	12	0	13.07	13.14	13.21		
5	64QAM	12	7	13.18	13.08	13.14	15	0
5	64QAM	12	13	13.11	13.20	13.23		
5	64QAM	25	0	13.17	13.15	13.15		
5	256QAM	1	0	13.08	13.13	13.07		
5	256QAM	1	12	13.03	13.10	13.32	15	0
5	256QAM	1	24	13.21	13.20	13.19		
5	256QAM	12	0	13.24	13.21	13.30		
5	256QAM	12	7	13.22	13.25	13.28	15	0
5	256QAM	12	13	13.19	13.22	13.23		
5	256QAM	25	0	13.17	13.22	13.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.64	18.75	18.68	20	0
20	QPSK	1	49	18.43	18.64	18.56		
20	QPSK	1	99	18.46	18.71	18.58		
20	QPSK	50	0	18.52	18.69	18.61	20	0
20	QPSK	50	24	18.47	18.54	18.51		
20	QPSK	50	50	18.46	18.52	18.48		
20	QPSK	100	0	18.35	18.62	18.44		
20	16QAM	1	0	18.7	18.63	18.52	20	0
20	16QAM	1	49	18.66	18.57	18.41		
20	16QAM	1	99	18.62	18.44	18.3		
20	16QAM	50	0	18.72	18.68	18.5	20	0
20	16QAM	50	24	18.69	18.53	18.48		
20	16QAM	50	50	18.64	18.47	18.42		
20	16QAM	100	0	18.69	18.52	18.47		
20	64QAM	1	0	18.36	18.32	18.22	20	0
20	64QAM	1	49	18.29	18.26	18.11		
20	64QAM	1	99	18.28	18.07	18.12		
20	64QAM	50	0	18.7	18.67	18.54	20	0
20	64QAM	50	24	18.72	18.58	18.53		
20	64QAM	50	50	18.68	18.48	18.42		
20	64QAM	100	0	18.69	18.52	18.47		
20	256QAM	1	0	17.54	17.41	17.38	18.5	1.5
20	256QAM	1	49	17.43	17.43	17.18		
20	256QAM	1	99	17.40	17.38	17.28		
20	256QAM	50	0	17.73	17.62	17.61	18.5	1.5
20	256QAM	50	24	17.70	17.53	17.50		
20	256QAM	50	50	17.61	17.45	17.49		
20	256QAM	100	0	17.58	17.60	17.58		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.47	18.67	18.49	20	0
15	QPSK	1	37	18.22	18.53	18.38		
15	QPSK	1	74	18.37	18.54	18.40		
15	QPSK	36	0	18.43	18.52	18.45	20	0
15	QPSK	36	20	18.44	18.36	18.37		
15	QPSK	36	39	18.42	18.43	18.35		
15	QPSK	75	0	18.33	18.55	18.33		
15	16QAM	1	0	18.53	18.45	18.35	20	0
15	16QAM	1	37	18.53	18.51	18.24		
15	16QAM	1	74	18.44	18.41	18.20		
15	16QAM	36	0	18.60	18.62	18.38	20	0
15	16QAM	36	20	18.59	18.37	18.37		
15	16QAM	36	39	18.50	18.30	18.33		
15	16QAM	75	0	18.65	18.47	18.26		
15	64QAM	1	0	18.26	18.27	18.14	20	0
15	64QAM	1	37	18.27	18.04	18.03		
15	64QAM	1	74	18.17	18.21	18.19		
15	64QAM	36	0	18.67	18.50	18.42	20	0
15	64QAM	36	20	18.59	18.42	18.40		
15	64QAM	36	39	18.51	18.44	18.30		
15	64QAM	75	0	18.56	18.40	18.32		
15	256QAM	1	0	17.39	17.34	17.23	18.5	1.5
15	256QAM	1	37	17.30	17.33	17.15		
15	256QAM	1	74	17.29	17.35	17.06		
15	256QAM	36	0	17.54	17.55	17.42	18.5	1.5
15	256QAM	36	20	17.59	17.46	17.46		
15	256QAM	36	39	17.39	17.29	17.40		
15	256QAM	75	0	17.54	17.46	17.49		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.60	18.73	18.52	20	0
10	QPSK	1	25	18.25	18.47	18.36		
10	QPSK	1	49	18.39	18.58	18.51		
10	QPSK	25	0	18.32	18.55	18.56	20	0
10	QPSK	25	12	18.40	18.43	18.43		
10	QPSK	25	25	18.43	18.30	18.28		
10	QPSK	50	0	18.24	18.54	18.33		
10	16QAM	1	0	18.49	18.60	18.33	20	0
10	16QAM	1	25	18.58	18.45	18.19		
10	16QAM	1	49	18.49	18.41	18.16		
10	16QAM	25	0	18.55	18.63	18.47	20	0
10	16QAM	25	12	18.67	18.38	18.45		
10	16QAM	25	25	18.52	18.43	18.23		
10	16QAM	50	0	18.63	18.48	18.34		
10	64QAM	1	0	18.21	18.11	18.17	20	0
10	64QAM	1	25	18.14	18.10	18.21		
10	64QAM	1	49	18.18	18.15	18.00		
10	64QAM	25	0	18.57	18.57	18.34	20	0
10	64QAM	25	12	18.55	18.45	18.39		
10	64QAM	25	25	18.66	18.26	18.20		
10	64QAM	50	0	18.51	18.49	18.26		
10	256QAM	1	0	17.38	17.19	17.23	18.5	1.5
10	256QAM	1	25	17.40	17.33	17.16		
10	256QAM	1	49	17.21	17.28	17.12		
10	256QAM	25	0	17.65	17.59	17.58	18.5	1.5
10	256QAM	25	12	17.49	17.37	17.28		
10	256QAM	25	25	17.42	17.41	17.30		
10	256QAM	50	0	17.42	17.43	17.52		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.43	18.60	18.51	20	0
5	QPSK	1	12	18.21	18.57	18.45		
5	QPSK	1	24	18.29	18.63	18.40		
5	QPSK	12	0	18.45	18.67	18.54	20	0
5	QPSK	12	7	18.33	18.33	18.40		
5	QPSK	12	13	18.25	18.37	18.37		
5	QPSK	25	0	18.29	18.58	18.30		
5	16QAM	1	0	18.64	18.47	18.36	20	0
5	16QAM	1	12	18.63	18.52	18.21		
5	16QAM	1	24	18.49	18.40	18.23		
5	16QAM	12	0	18.51	18.61	18.46	20	0
5	16QAM	12	7	18.62	18.31	18.43		
5	16QAM	12	13	18.51	18.28	18.35		
5	16QAM	25	0	18.54	18.35	18.38		
5	64QAM	1	0	18.22	18.29	18.17	20	0
5	64QAM	1	12	18.18	18.23	18.13		
5	64QAM	1	24	18.09	18.00	18.04		
5	64QAM	12	0	18.52	18.46	18.43	20	0
5	64QAM	12	7	18.59	18.52	18.49		
5	64QAM	12	13	18.62	18.27	18.38		
5	64QAM	25	0	18.49	18.30	18.28		
5	256QAM	1	0	17.33	17.29	17.18	18.5	1.5
5	256QAM	1	12	17.34	17.38	16.98		
5	256QAM	1	24	17.34	17.23	17.10		
5	256QAM	12	0	17.60	17.50	17.59	18.5	1.5
5	256QAM	12	7	17.52	17.48	17.33		
5	256QAM	12	13	17.57	17.42	17.33		
5	256QAM	25	0	17.53	17.51	17.37		

Uplink CA Power

CA_7C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full Power	22.45	24.00
21100	20902	QPSK	1	0	0	0	1	0	Full Power	22.94	24.00
21350	21152	QPSK	1	0	0	0	1	0	Full Power	22.89	24.00
20850	21048	QPSK	1	0	0	0	1	0	Hotspot on	17.46	18.50
21100	20902	QPSK	1	0	0	0	1	0	Hotspot on	17.56	18.50
21350	21152	QPSK	1	0	0	0	1	0	Hotspot on	17.48	18.50
20850	21048	QPSK	50	0	0	0	1	0	Hotspot on	17.42	18.50
21100	20902	QPSK	50	0	0	0	1	0	Hotspot on	17.55	18.50
21350	21152	QPSK	50	0	0	0	1	0	Hotspot on	17.47	18.50
20850	21048	QPSK	1	0	0	0	1	0	Sensor on	17.46	18.50
21100	20902	QPSK	1	0	0	0	1	0	Sensor on	17.56	18.50
21350	21152	QPSK	1	0	0	0	1	0	Sensor on	17.48	18.50
20850	21048	QPSK	50	0	0	0	1	0	Sensor on	17.42	18.50
21100	20902	QPSK	50	0	0	0	1	0	Sensor on	17.55	18.50
21350	21152	QPSK	50	0	0	0	1	0	Sensor on	17.47	18.50
20850	21048	QPSK	1	0	0	0	1	0	Handheld	19.69	21.00
21100	20902	QPSK	1	0	0	0	1	0	Handheld	19.75	21.00
21350	21152	QPSK	1	0	0	0	1	0	Handheld	19.67	21.00
20850	21048	QPSK	50	0	0	0	1	0	Handheld	19.66	21.00
21100	20902	QPSK	50	0	0	0	1	0	Handheld	19.74	21.00
21350	21152	QPSK	50	0	0	0	1	0	Handheld	19.63	21.00

PCC:Ant0 SCC:Ant4

CA_5A-7A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	20850	QPSK	1	0	1	0	18.29	19.93	22.20	20	21.8	24.0
			1	25	1	49	18.27	20.02	22.24	20	21.8	24.0
			1	49	1	99	18.66	19.84	22.30	20	21.8	24.0
			25	0	50	0	17.31	20.48	22.19	19	22.4	24.0
			25	12	50	24	17.37	20.43	22.17	19	22.4	24.0
			25	25	50	50	17.46	20.44	22.21	19	22.4	24.0
			50	0	100	0	17.36	20.46	22.19	19	22.4	24.0
20525	21100	QPSK	1	0	1	0	18.62	19.73	22.22	20.5	21.4	24.0
			1	25	1	49	19.18	19.42	22.31	20.5	21.4	24.0
			1	49	1	99	19.54	19.44	22.50	20.5	21.4	24.0
			25	0	50	0	17.91	19.87	22.01	19.9	21.8	24.0
			25	12	50	24	18.18	19.88	22.12	19.9	21.8	24.0
			25	25	50	50	18.51	19.85	22.24	19.9	21.8	24.0
			50	0	100	0	18.18	19.81	22.08	19.9	21.8	24.0
20600	21350	QPSK	1	0	1	0	19.71	19.35	22.54	21.5	20.5	24.0
			1	25	1	49	20.21	19.28	22.78	21.5	20.5	24.0
			1	49	1	99	20.78	19.53	23.21	21.5	20.5	24.0
			25	0	50	0	18.76	19.57	22.19	20.5	21.5	24.0
			25	12	50	24	19.05	19.71	22.40	20.5	21.5	24.0
			25	25	50	50	19.45	19.66	22.57	20.5	21.5	24.0
			50	0	100	0	19.08	19.66	22.39	20.5	21.5	24.0

PCC:Ant4 SCC:Ant0

CA_7A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20850	20450	QPSK	1	0	1	0	19.97	18.42	22.27	21.5	20.3	24.0
			1	49	1	25	19.97	18.34	22.24	21.5	20.3	24.0
			1	99	1	49	19.83	18.72	22.32	21.5	20.3	24.0
			50	0	25	0	20.21	17.24	21.98	22.2	19.2	24.0
			50	24	25	12	20.32	17.41	22.11	22.2	19.2	24.0
			50	50	25	25	20.24	17.48	22.09	22.2	19.2	24.0
			100	0	50	0	20.23	17.35	22.03	22.2	19.3	24.0
21100	20525	QPSK	1	0	1	0	19.68	19.52	22.61	20.5	21.5	24.0
			1	49	1	25	19.47	19.50	22.50	20.5	21.5	24.0
			1	99	1	49	19.36	19.58	22.48	20.5	21.5	24.0
			50	0	25	0	19.85	18.11	22.08	21.7	20.1	24.0
			50	24	25	12	19.77	18.23	22.08	21.7	20.1	24.0
			50	50	25	25	19.73	18.64	22.23	21.7	20.1	24.0
			100	0	50	0	19.81	18.27	22.12	21.7	20.1	24.0
21350	20600	QPSK	1	0	1	0	19.35	19.78	22.58	20.3	21.5	24.0
			1	49	1	25	19.37	20.12	22.77	20.3	21.5	24.0
			1	99	1	49	19.46	20.78	23.18	20.3	21.5	24.0
			50	0	25	0	19.65	18.72	22.22	21.2	20.7	24.0
			50	24	25	12	19.68	19.05	22.39	21.2	20.7	24.0
			50	50	25	25	19.63	19.57	22.61	21.2	20.7	24.0
			100	0	50	0	19.68	19.08	22.40	21.2	20.7	24.0

Downlink CA Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	22.46	22.70
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.34	22.70
		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.62	22.70
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.49	22.70
		CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	22.47	22.71
		CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	22.57	22.71
		CA_4A-12A	Band 4	20M	1720	20050	QPSK	1	0	Band 12	10M	737.5	5095	22.49	22.71
		CA_4A-17A	Band 4	10M	1720	20050	QPSK	1	0	Band 17	10M	740	5790	22.16	22.38
		CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	22.71	22.79
		CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155	66886	22.65	22.79
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.72	22.90
		CA_7A-42A	Band 7	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	22.58	22.90
		CA_7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	22.83	22.90
		CA_12A-66A	Band 12	10M	704	23060	QPSK	1	0	Band 66	20M	2155	66886	22.72	22.75
Intra-Band	Non-Contiguous	CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	22.43	22.71
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	22.69	22.90
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	22.39	22.73
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	22.44	22.70
		CA_7B	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	2664.3	3193	22.69	22.73
		CA_7C	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.80	3298	22.73	22.90
		CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.80	38048	22.92	23.00
		CA_42C	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	3519.80	42788	22.53	22.76
		CA_66B	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.30	66979	22.42	22.67
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	22.48	22.73

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.51	22.70
		CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	22.46	22.70
		CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.54	22.70
		CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	22.60	22.70
		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.61	22.70
		CA_5A-7A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	22.72	22.79
		CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.38	22.79
		CA_7A-66A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.86	22.90
Intra-Band	Non-Contiguous	CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.59	22.70
		CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.62	22.71
		CA_5A-7C	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.51	22.79
		CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	5M	2197.5	67311	22.57	22.90
	Contiguous	CA_42D,	Band 42	20M	3500	42590	QPSK	1	0	Band 42	20M	3519.8	42788	Band 42	20M	3539.6	42986	22.68	22.76

Full Power Mode for 5G NR

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.25	23.28	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.06	23.11	23.06		
20	PI/2 BPSK	1	104	22.90	22.95	22.89		
20	PI/2 BPSK	50	0	22.61	22.66	22.54	23.5	0.5
20	PI/2 BPSK	50	28	22.94	23.01	22.94	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.42	22.32	23.5	0.5
20	PI/2 BPSK	100	0	22.51	22.54	22.48		
20	QPSK	1	1	23.21	23.24	23.14	24.0	0.0
20	QPSK	1	53	23.02	23.08	23.02		
20	QPSK	1	104	22.91	22.94	22.84		
20	QPSK	50	0	22.07	22.18	22.03	23.0	1.0
20	QPSK	50	28	23.01	23.05	22.94	24.0	0.0
20	QPSK	50	56	21.89	22.01	21.83	23.0	1.0
20	QPSK	100	0	22.02	22.05	21.93		
20	16QAM	1	1	21.76	21.83	21.71	23.0	1.0
20	64QAM	1	1	20.56	20.56	20.51	21.5	2.5
20	256QAM	1	1	18.63	18.71	18.61	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	23.19	23.21	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	23.23	23.13	23.08	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	23.20	23.18	23.09	24.0	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.01	23.05	23.10	24.0	0.0
20	PI/2 BPSK	1	53	23.03	23.07	23.09		
20	PI/2 BPSK	1	104	23.03	23.06	23.09		
20	PI/2 BPSK	50	0	22.53	22.56	22.63	23.5	0.5
20	PI/2 BPSK	50	28	22.98	23.02	23.09	24.0	0.0
20	PI/2 BPSK	50	56	22.61	22.62	22.64	23.5	0.5
20	PI/2 BPSK	100	0	22.57	22.61	22.64		
20	QPSK	1	1	22.91	23.00	23.08	24.0	0.0
20	QPSK	1	53	23.08	23.05	23.07		
20	QPSK	1	104	23.00	23.02	23.09		
20	QPSK	50	0	21.98	22.02	21.98	23.0	1.0
20	QPSK	50	28	23.02	23.01	23.02	24.0	0.0
20	QPSK	50	56	22.04	22.03	22.05	23.0	1.0
20	QPSK	100	0	22.10	22.13	22.12		
20	16QAM	1	1	21.85	21.86	21.89	23.0	1.0
20	64QAM	1	1	20.31	20.35	20.41	21.5	2.5
20	256QAM	1	1	18.51	18.56	18.62	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	23.01	23.02	23.08	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	23.04	23.08	23.09	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	23.03	23.06	23.08	24.0	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.08	22.96	22.92	24.0	0.0
20	PI/2 BPSK	1	53	22.98	22.80	22.86		
20	PI/2 BPSK	1	104	22.95	22.84	22.90		
20	PI/2 BPSK	50	0	22.58	22.39	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.94	22.89	22.90	24.0	0.0
20	PI/2 BPSK	50	56	22.50	22.36	22.41	23.5	0.5
20	PI/2 BPSK	100	0	22.52	22.39	22.43		
20	QPSK	1	1	23.07	22.95	22.90	24.0	0.0
20	QPSK	1	53	22.96	22.89	22.84		
20	QPSK	1	104	22.89	22.99	22.83		
20	QPSK	50	0	22.08	21.89	21.99	23.0	1.0
20	QPSK	50	28	22.90	22.90	22.90	24.0	0.0
20	QPSK	50	56	21.91	21.83	21.84	23.0	1.0
20	QPSK	100	0	22.01	21.89	21.86		
20	16QAM	1	1	22.15	21.96	21.93	23.0	1.0
20	64QAM	1	1	20.48	20.41	20.38	21.5	2.5
20	256QAM	1	1	18.68	18.57	18.57	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	23.06	22.91	22.90	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	23.01	22.90	22.91	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	22.99	22.88	22.89	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.95		24.0	0.0
100	PI/2 BPSK	1	137		22.93			
100	PI/2 BPSK	1	271		22.83			
100	PI/2 BPSK	135	0		22.81		23.5	0.5
100	PI/2 BPSK	135	69		22.85		24.0	0.0
100	PI/2 BPSK	135	138		22.71		23.5	0.5
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		22.81		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.81		24.0	0.0
100	QPSK	135	69		22.79			
100	QPSK	135	138		22.68			
100	QPSK	270	0		22.78		23.0	1.0
100	16QAM	1	1		22.61		23.0	1.0
100	64QAM	1	1		20.62		21.5	2.5
100	256QAM	1	1		18.81		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	22.88	22.91	22.84	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	22.83	22.88	22.78	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	22.79	22.90	22.87	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	22.90	22.91	22.87	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	22.79	22.88	22.83	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	22.86	22.91	22.89	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	22.82	22.89	22.86	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	22.84	22.82	22.87	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.94		26.0	0.0
100	PI/2 BPSK	1	137		24.90			
100	PI/2 BPSK	1	271		24.85			
100	PI/2 BPSK	135	0		24.28		25.5	0.5
100	PI/2 BPSK	135	69		24.86		26.0	0.0
100	PI/2 BPSK	135	138		24.38		25.5	0.5
100	PI/2 BPSK	270	0		24.33			
100	QPSK	1	1		24.78		26.0	0.0
100	QPSK	1	137		24.86			
100	QPSK	1	271		24.92			
100	QPSK	135	0		24.28		26.0	0.0
100	QPSK	135	69		24.83			
100	QPSK	135	138		24.29			
100	QPSK	270	0		23.81		25.0	1.0
100	16QAM	1	1		23.92		25.0	1.0
100	64QAM	1	1		21.94		23.5	2.5
100	256QAM	1	1		20.41		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	24.85	24.86	24.82	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	24.75	24.79	24.84	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	24.83	24.91	24.69	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	24.86	24.87	24.67	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	24.82	24.76	24.75	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	24.81	24.76	24.80	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	24.86	24.72	24.75	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	24.76	24.77	24.75	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.01	14.02	14.11	15.0	0.0
20	PI/2 BPSK	1	53	13.98	14.05	14.07		
20	PI/2 BPSK	1	104	14.02	14.05	14.08		
20	PI/2 BPSK	50	0	14.04	14.05	14.06	15.0	0.0
20	PI/2 BPSK	50	28	14.01	14.03	14.09	15.0	0.0
20	PI/2 BPSK	50	56	14.00	14.03	14.06	15.0	0.0
20	PI/2 BPSK	100	0	14.03	14.06	14.07		
20	QPSK	1	1	14.01	13.98	14.08	15.0	0.0
20	QPSK	1	53	14.10	14.08	14.06		
20	QPSK	1	104	14.09	14.05	14.09		
20	QPSK	50	0	14.05	14.06	14.07	15.0	0.0
20	QPSK	50	28	14.09	14.10	14.07	15.0	0.0
20	QPSK	50	56	14.06	14.08	14.07	15.0	0.0
20	QPSK	100	0	14.07	14.06	14.09		
20	16QAM	1	1	14.10	14.08	14.06	15.0	0.0
20	64QAM	1	1	13.62	13.63	13.74	15.0	0.0
20	256QAM	1	1	13.98	14.02	14.08	15.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	13.87	13.88	13.98	15.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.83	13.88	14.01	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	13.94	13.95	14.09	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.37		15.5	0.0
100	PI/2 BPSK	1	137		14.31			
100	PI/2 BPSK	1	271		14.25			
100	PI/2 BPSK	135	0		14.33		15.5	0.0
100	PI/2 BPSK	135	69		14.35		15.5	0.0
100	PI/2 BPSK	135	138		14.27		15.5	0.0
100	PI/2 BPSK	270	0		14.33			
100	QPSK	1	1		14.31		15.5	0.0
100	QPSK	1	137		14.28			
100	QPSK	1	271		14.23			
100	QPSK	135	0		14.23		15.5	0.0
100	QPSK	135	69		14.26			
100	QPSK	135	138		14.18			
100	QPSK	270	0		14.21		15.5	0.0
100	16QAM	1	1		14.24		15.5	0.0
100	64QAM	1	1		13.93		15.5	0.0
100	256QAM	1	1		14.43		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	14.26	14.29	14.23	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	14.25	14.28	14.05	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	14.07	14.18	14.04	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	14.11	14.13	14.20	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	14.13	14.25	14.10	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	14.06	14.12	14.12	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	14.24	14.14	14.04	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	14.14	14.11	14.03	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.37		15.5	0.0
100	PI/2 BPSK	1	137		14.31			
100	PI/2 BPSK	1	271		14.25			
100	PI/2 BPSK	135	0		14.33		15.5	0.0
100	PI/2 BPSK	135	69		14.35		15.5	0.0
100	PI/2 BPSK	135	138		14.27		15.5	0.0
100	PI/2 BPSK	270	0		14.33			
100	QPSK	1	1		14.31		15.5	0.0
100	QPSK	1	137		14.28			
100	QPSK	1	271		14.23			
100	QPSK	135	0		14.23		15.5	0.0
100	QPSK	135	69		14.26			
100	QPSK	135	138		14.18			
100	QPSK	270	0		14.21		15.5	0.0
100	16QAM	1	1		14.24		15.5	0.0
100	64QAM	1	1		13.93		15.5	0.0
100	256QAM	1	1		14.43		15.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	14.26	14.29	14.23	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	14.25	14.28	14.05	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	14.07	14.18	14.04	15.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	14.11	14.13	14.20	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	14.13	14.25	14.10	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	14.06	14.12	14.12	15.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	14.24	14.14	14.04	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	14.14	14.11	14.03	15.5	0.0

Reduced Power Mode for Sensor on_5G NR

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.16	20.23	20.14	21.0	0.0
20	PI/2 BPSK	1	53	20.00	20.06	20.02		
20	PI/2 BPSK	1	104	19.76	19.89	19.83		
20	PI/2 BPSK	50	0	19.92	20.06	19.92	21.0	0.0
20	PI/2 BPSK	50	28	19.99	20.19	20.03	21.0	0.0
20	PI/2 BPSK	50	56	19.82	19.97	19.87	21.0	0.0
20	PI/2 BPSK	100	0	19.91	20.04	19.97		
20	QPSK	1	1	20.13	20.28	20.16	21.0	0.0
20	QPSK	1	53	19.96	20.08	19.98		
20	QPSK	1	104	19.79	19.93	19.81		
20	QPSK	50	0	19.98	20.13	20.04	21.0	0.0
20	QPSK	50	28	19.95	20.02	20.00	21.0	0.0
20	QPSK	50	56	19.86	19.98	19.87	21.0	0.0
20	QPSK	100	0	19.90	20.05	19.97		
20	16QAM	1	1	19.87	19.96	19.91	21.0	0.0
20	64QAM	1	1	18.63	18.71	18.68	20.0	1.0
20	256QAM	1	1	16.98	17.10	17.01	18.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.13	20.11	19.98	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.14	20.19	20.06	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.15	20.07	20.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	11.51	11.53	11.61	12.5	0.0
20	PI/2 BPSK	1	53	11.53	11.51	11.56		
20	PI/2 BPSK	1	104	11.54	11.55	11.54		
20	PI/2 BPSK	50	0	11.52	11.53	11.54	12.5	0.0
20	PI/2 BPSK	50	28	11.51	11.54	11.56	12.5	0.0
20	PI/2 BPSK	50	56	11.49	11.52	11.54	12.5	0.0
20	PI/2 BPSK	100	0	11.42	11.46	11.49		
20	QPSK	1	1	11.44	11.39	11.53	12.5	0.0
20	QPSK	1	53	11.46	11.49	11.45		
20	QPSK	1	104	11.52	11.50	11.51		
20	QPSK	50	0	11.49	11.52	11.50	12.5	0.0
20	QPSK	50	28	11.52	11.53	11.52	12.5	0.0
20	QPSK	50	56	11.55	11.53	11.49	12.5	0.0
20	QPSK	100	0	11.48	11.51	11.52		
20	16QAM	1	1	11.46	11.43	11.52	12.5	0.0
20	64QAM	1	1	11.12	11.13	11.22	12.5	0.0
20	256QAM	1	1	11.42	11.36	11.48	12.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	11.36	11.51	11.53	12.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	11.31	11.33	11.45	12.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	11.32	11.37	11.45	12.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	13.08	12.97	12.95	14.0	0.0
20	PI/2 BPSK	1	53	12.93	12.81	12.89		
20	PI/2 BPSK	1	104	13.01	12.89	12.84		
20	PI/2 BPSK	50	0	12.98	12.86	12.84	14.0	0.0
20	PI/2 BPSK	50	28	13.05	12.96	12.91	14.0	0.0
20	PI/2 BPSK	50	56	12.96	12.94	12.83	14.0	0.0
20	PI/2 BPSK	100	0	12.97	12.93	12.88		
20	QPSK	1	1	13.12	12.97	12.97	14.0	0.0
20	QPSK	1	53	12.95	12.89	12.84		
20	QPSK	1	104	13.01	12.99	12.92		
20	QPSK	50	0	13.01	12.91	12.93	14.0	0.0
20	QPSK	50	28	13.02	12.89	12.90	14.0	0.0
20	QPSK	50	56	13.00	12.88	12.83	14.0	0.0
20	QPSK	100	0	13.02	12.89	12.89		
20	16QAM	1	1	12.84	12.69	12.55	14.0	0.0
20	64QAM	1	1	12.99	12.81	12.69	14.0	0.0
20	256QAM	1	1	13.04	13.02	12.88	14.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	12.98	12.80	12.81	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	12.88	12.81	12.88	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	12.87	12.92	12.87	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.61		14.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.49			
100	PI/2 BPSK	135	0		13.57		14.5	0.0
100	PI/2 BPSK	135	69		13.59		14.5	0.0
100	PI/2 BPSK	135	138		13.55		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.58		14.5	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.57		14.5	0.0
100	QPSK	135	69		13.53			
100	QPSK	135	138		13.53			
100	QPSK	270	0		13.57		14.5	0.0
100	16QAM	1	1		13.53		14.5	0.0
100	64QAM	1	1		13.26		14.5	0.0
100	256QAM	1	1		13.31		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	13.42	13.51	13.45	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	13.30	13.43	13.34	14.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	13.21	13.36	13.44	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	13.35	13.45	13.41	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	13.36	13.38	13.39	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	13.38	13.48	13.31	14.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	13.39	13.38	13.31	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	13.30	13.47	13.36	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.61		14.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.49			
100	PI/2 BPSK	135	0		13.57		14.5	0.0
100	PI/2 BPSK	135	69		13.59		14.5	0.0
100	PI/2 BPSK	135	138		13.55		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.58		14.5	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.57		14.5	0.0
100	QPSK	135	69		13.53			
100	QPSK	135	138		13.53			
100	QPSK	270	0		13.57		14.5	0.0
100	16QAM	1	1		13.53		14.5	0.0
100	64QAM	1	1		13.26		14.5	0.0
100	256QAM	1	1		13.31		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	13.42	13.51	13.45	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	13.30	13.43	13.34	14.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	13.21	13.36	13.44	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	13.35	13.45	13.41	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	13.36	13.38	13.39	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	13.38	13.48	13.31	14.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	13.39	13.38	13.31	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	13.30	13.47	13.36	14.5	0.0

Reduced Power Mode for Hotspot on_5G NR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.16	20.23	20.14	21.0	0.0
20	PI/2 BPSK	1	53	20.00	20.06	20.02		
20	PI/2 BPSK	1	104	19.76	19.89	19.83		
20	PI/2 BPSK	50	0	19.92	20.06	19.92	21.0	0.0
20	PI/2 BPSK	50	28	19.99	20.19	20.03	21.0	0.0
20	PI/2 BPSK	50	56	19.82	19.97	19.87	21.0	0.0
20	PI/2 BPSK	100	0	19.91	20.04	19.97		
20	QPSK	1	1	20.13	20.28	20.16	21.0	0.0
20	QPSK	1	53	19.96	20.08	19.98		
20	QPSK	1	104	19.79	19.93	19.81		
20	QPSK	50	0	19.98	20.13	20.04	21.0	0.0
20	QPSK	50	28	19.95	20.02	20.00	21.0	0.0
20	QPSK	50	56	19.86	19.98	19.87	21.0	0.0
20	QPSK	100	0	19.90	20.05	19.97		
20	16QAM	1	1	19.87	19.96	19.91	21.0	0.0
20	64QAM	1	1	18.63	18.71	18.68	20.0	1.0
20	256QAM	1	1	16.98	17.10	17.01	18.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.13	20.11	19.98	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	20.14	20.19	20.06	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	20.15	20.07	20.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	11.51	11.53	11.61	12.5	0.0
20	PI/2 BPSK	1	53	11.53	11.51	11.56		
20	PI/2 BPSK	1	104	11.54	11.55	11.54		
20	PI/2 BPSK	50	0	11.52	11.53	11.54	12.5	0.0
20	PI/2 BPSK	50	28	11.51	11.54	11.56	12.5	0.0
20	PI/2 BPSK	50	56	11.49	11.52	11.54	12.5	0.0
20	PI/2 BPSK	100	0	11.42	11.46	11.49		
20	QPSK	1	1	11.44	11.39	11.53	12.5	0.0
20	QPSK	1	53	11.46	11.49	11.45		
20	QPSK	1	104	11.52	11.50	11.51		
20	QPSK	50	0	11.49	11.52	11.50	12.5	0.0
20	QPSK	50	28	11.52	11.53	11.52	12.5	0.0
20	QPSK	50	56	11.55	11.53	11.49	12.5	0.0
20	QPSK	100	0	11.48	11.51	11.52		
20	16QAM	1	1	11.46	11.43	11.52	12.5	0.0
20	64QAM	1	1	11.12	11.13	11.22	12.5	0.0
20	256QAM	1	1	11.42	11.36	11.48	12.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	11.36	11.51	11.53	12.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	11.31	11.33	11.45	12.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	11.32	11.37	11.45	12.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	13.08	12.97	12.95	14.0	0.0
20	PI/2 BPSK	1	53	12.93	12.81	12.89		
20	PI/2 BPSK	1	104	13.01	12.89	12.84		
20	PI/2 BPSK	50	0	12.98	12.86	12.84	14.0	0.0
20	PI/2 BPSK	50	28	13.05	12.96	12.91	14.0	0.0
20	PI/2 BPSK	50	56	12.96	12.94	12.83	14.0	0.0
20	PI/2 BPSK	100	0	12.97	12.93	12.88		
20	QPSK	1	1	13.12	12.97	12.97	14.0	0.0
20	QPSK	1	53	12.95	12.89	12.84		
20	QPSK	1	104	13.01	12.99	12.92		
20	QPSK	50	0	13.01	12.91	12.93	14.0	0.0
20	QPSK	50	28	13.02	12.89	12.90	14.0	0.0
20	QPSK	50	56	13.00	12.88	12.83	14.0	0.0
20	QPSK	100	0	13.02	12.89	12.89		
20	16QAM	1	1	12.84	12.69	12.55	14.0	0.0
20	64QAM	1	1	12.99	12.81	12.69	14.0	0.0
20	256QAM	1	1	13.04	13.02	12.88	14.0	0.0
Channel				345500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	12.98	12.80	12.81	14.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	12.88	12.81	12.88	14.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	12.87	12.92	12.87	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.61		14.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.49			
100	PI/2 BPSK	135	0		13.57		14.5	0.0
100	PI/2 BPSK	135	69		13.59		14.5	0.0
100	PI/2 BPSK	135	138		13.55		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.58		14.5	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.57		14.5	0.0
100	QPSK	135	69		13.53			
100	QPSK	135	138		13.53			
100	QPSK	270	0		13.57		14.5	0.0
100	16QAM	1	1		13.53		14.5	0.0
100	64QAM	1	1		13.26		14.5	0.0
100	256QAM	1	1		13.31		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	13.42	13.51	13.45	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	13.30	13.43	13.34	14.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	13.21	13.36	13.44	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	13.35	13.45	13.41	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	13.36	13.38	13.39	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	13.38	13.48	13.31	14.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	13.39	13.38	13.31	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	13.30	13.47	13.36	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.61		14.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.49			
100	PI/2 BPSK	135	0		13.57		14.5	0.0
100	PI/2 BPSK	135	69		13.59		14.5	0.0
100	PI/2 BPSK	135	138		13.55		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.58		14.5	0.0
100	QPSK	1	137		13.61			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.57		14.5	0.0
100	QPSK	135	69		13.53			
100	QPSK	135	138		13.53			
100	QPSK	270	0		13.57		14.5	0.0
100	16QAM	1	1		13.53		14.5	0.0
100	64QAM	1	1		13.26		14.5	0.0
100	256QAM	1	1		13.31		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	13.42	13.51	13.45	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	13.30	13.43	13.34	14.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	13.21	13.36	13.44	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	13.35	13.45	13.41	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	13.36	13.38	13.39	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	13.38	13.48	13.31	14.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	13.39	13.38	13.31	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	13.30	13.47	13.36	14.5	0.0

Reduced Power Mode for Handheld on_5G NR

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.13	22.19	22.11	23.0	0.0
20	PI/2 BPSK	1	53	22.07	22.06	22.01		
20	PI/2 BPSK	1	104	21.89	21.91	21.88		
20	PI/2 BPSK	50	0	21.46	21.48	21.38	22.5	0.5
20	PI/2 BPSK	50	28	22.07	22.08	22.03	23.0	0.0
20	PI/2 BPSK	50	56	21.27	21.28	21.23	22.5	0.5
20	PI/2 BPSK	100	0	21.40	21.44	21.37		
20	QPSK	1	1	22.14	22.19	22.09	23.0	0.0
20	QPSK	1	53	22.01	22.01	21.98		
20	QPSK	1	104	21.86	21.88	21.87		
20	QPSK	50	0	21.05	21.04	20.99	22.0	1.0
20	QPSK	50	28	21.89	21.98	21.97	23.0	0.0
20	QPSK	50	56	20.69	20.75	20.72	22.0	1.0
20	QPSK	100	0	20.95	21.03	20.96		
20	16QAM	1	1	20.74	20.74	20.66	22.0	1.0
20	64QAM	1	1	18.70	18.72	18.64	20.5	2.5
20	256QAM	1	1	17.12	17.12	17.06	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	22.07	22.11	21.98	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	22.05	22.13	22.08	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	1	22.01	21.99	21.91	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.52	17.61	17.65	18.5	0.0
20	PI/2 BPSK	1	53	17.57	17.61	17.63		
20	PI/2 BPSK	1	104	17.59	17.60	17.63		
20	PI/2 BPSK	50	0	17.59	17.61	17.64	18.5	0.0
20	PI/2 BPSK	50	28	17.62	17.56	17.61	18.5	0.0
20	PI/2 BPSK	50	56	17.58	17.61	17.63	18.5	0.0
20	PI/2 BPSK	100	0	17.59	17.62	17.63		
20	QPSK	1	1	17.49	17.52	17.54	18.5	0.0
20	QPSK	1	53	17.54	17.53	17.52		
20	QPSK	1	104	17.49	17.56	17.60		
20	QPSK	50	0	17.51	17.48	17.59	18.5	0.0
20	QPSK	50	28	17.54	17.50	17.52	18.5	0.0
20	QPSK	50	56	17.56	17.54	17.57	18.5	0.0
20	QPSK	100	0	17.56	17.51	17.53		
20	16QAM	1	1	17.28	17.26	17.35	18.5	0.0
20	64QAM	1	1	17.24	17.19	17.30	18.5	0.0
20	256QAM	1	1	17.51	17.45	17.55	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.35	17.47	17.57	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.49	17.50	17.59	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI/2 BPSK	1	1	17.33	17.47	17.50	18.5	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.96	17.84	17.73	19.0	0.0
20	PI/2 BPSK	1	53	17.86	17.72	17.71		
20	PI/2 BPSK	1	104	17.89	17.71	17.74		
20	PI/2 BPSK	50	0	17.85	17.70	17.63	19.0	0.0
20	PI/2 BPSK	50	28	17.93	17.81	17.66	19.0	0.0
20	PI/2 BPSK	50	56	17.81	17.71	17.70	19.0	0.0
20	PI/2 BPSK	100	0	17.85	17.75	17.63		
20	QPSK	1	1	17.94	17.81	17.71	19.0	0.0
20	QPSK	1	53	17.84	17.70	17.68		
20	QPSK	1	104	17.86	17.74	17.65		
20	QPSK	50	0	17.89	17.76	17.63	19.0	0.0
20	QPSK	50	28	17.86	17.75	17.63	19.0	0.0
20	QPSK	50	56	17.81	17.73	17.58	19.0	0.0
20	QPSK	100	0	17.83	17.71	17.61		
20	16QAM	1	1	17.70	17.55	17.46	19.0	0.0
20	64QAM	1	1	17.68	17.58	17.41	19.0	0.0
20	256QAM	1	1	17.48	17.32	17.25	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	17.88	17.63	17.66	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	17.91	17.74	17.60	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	17.77	17.71	17.63	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.0	0.0
100	PI/2 BPSK	1	137		18.99			
100	PI/2 BPSK	1	271		18.90			
100	PI/2 BPSK	135	0		18.96		20.0	0.0
100	PI/2 BPSK	135	69		19.01		20.0	0.0
100	PI/2 BPSK	135	138		18.82		20.0	0.0
100	PI/2 BPSK	270	0		17.93			
100	QPSK	1	1		18.93		20.0	0.0
100	QPSK	1	137		18.96			
100	QPSK	1	271		18.82			
100	QPSK	135	0		19.01		20.0	0.0
100	QPSK	135	69		18.84			
100	QPSK	135	138		18.87			
100	QPSK	270	0		18.84		20.0	0.0
100	16QAM	1	1		18.89		20.0	0.0
100	64QAM	1	1		18.63		20.0	0.0
100	256QAM	1	1		19.07		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	18.78	18.81	18.75	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	18.63	18.75	18.65	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	18.69	18.60	18.56	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	18.59	18.67	18.69	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	18.74	18.67	18.71	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	18.60	18.66	18.62	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	18.73	18.69	18.74	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	18.69	18.76	18.60	20.0	0.0

n78(HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.04		20.0	0.0
100	PI/2 BPSK	1	137		18.99			
100	PI/2 BPSK	1	271		18.90			
100	PI/2 BPSK	135	0		18.96		20.0	0.0
100	PI/2 BPSK	135	69		19.01		20.0	0.0
100	PI/2 BPSK	135	138		18.82		20.0	0.0
100	PI/2 BPSK	270	0		17.93			
100	QPSK	1	1		18.93		20.0	0.0
100	QPSK	1	137		18.96			
100	QPSK	1	271		18.82			
100	QPSK	135	0		19.01		20.0	0.0
100	QPSK	135	69		18.84			
100	QPSK	135	138		18.87			
100	QPSK	270	0		18.84		20.0	0.0
100	16QAM	1	1		18.89		20.0	0.0
100	64QAM	1	1		18.63		20.0	0.0
100	256QAM	1	1		19.07		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	PI/2 BPSK	1	1	18.78	18.81	18.75	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	PI/2 BPSK	1	1	18.63	18.75	18.65	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	PI/2 BPSK	1	1	18.69	18.60	18.56	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	PI/2 BPSK	1	1	18.59	18.67	18.69	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	PI/2 BPSK	1	1	18.74	18.67	18.71	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	PI/2 BPSK	1	1	18.60	18.66	18.62	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	PI/2 BPSK	1	1	18.73	18.69	18.74	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	PI/2 BPSK	1	1	18.69	18.76	18.60	20.0	0.0

Bluetooth/WLAN Power

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.60	10.70	10.80	8.40	8.50	8.60	8.50	8.40	8.60	**12.50**
	CH 39	2441	10.70	10.70	10.80	8.20	8.20	8.30	8.20	8.10	8.30	
	CH 78	2480	10.40	10.40	10.50	8.30	8.20	8.40	8.30	8.30	8.40	

BT LE V4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	4.50
	CH 19	2440	5.00
	CH 39	2480	5.90
Tune-up Limit			7.50

BT LE V5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	4.50	4.40
	CH 19	2440	5.00	4.90
	CH 39	2480	5.90	5.80
Tune-up Limit			7.50	7.50

2.4GHz WLAN ANT 6			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	18.80	20.50	14.90	16.50	10.50	12.00	16.40	18.00	11.20	13.00	11.20	13.00	18.80	20.50	14.40	16.00	99.01
	6	2437	19.00	20.50	15.00	16.50	10.50	12.00	16.50	18.00	11.40	13.00	11.40	13.00	19.00	20.50	14.50	16.00	
	11	2462	18.70	20.50	14.80	16.50	10.40	12.00	16.40	18.00	11.30	13.00	11.30	13.00	18.70	20.50	14.30	16.00	
802.11g 6Mbps	1	2412	16.50	18.00	14.80	16.50	10.50	12.00	16.00	18.00	11.10	13.00	11.10	13.00	16.50	18.00	14.10	16.00	98.25
	6	2437	17.50	19.00	14.90	16.50	10.40	12.00	16.10	18.00	11.20	13.00	11.20	13.00	17.50	19.00	14.30	16.00	
	11	2462	13.90	15.50	13.90	15.50	10.50	12.00	13.90	15.50	11.10	13.00	11.10	13.00	13.90	15.50	13.90	15.50	
802.11n-HT20 MCS0	1	2412	16.20	18.50	Not Required	16.50	Not Required	12.00	Not Required	18.00	Not Required	13.00	Not Required	13.00	16.20	18.50	Not Required	16.00	98.12
	6	2437	16.90	18.50		16.50		12.00		18.00		13.00		13.00	16.90	18.50		16.00	
	11	2462	13.80	15.50		15.50		12.00		15.50		13.00		13.00	13.80	15.50		15.50	
802.11n-HT40 MCS0	3	2422	13.00	14.50		14.50		12.00		14.50		13.00		13.00	13.00	14.50		14.50	94.82
	6	2437	15.00	16.50		16.50		12.00		16.50		13.00		13.00	15.00	16.50		16.00	
	9	2452	13.00	14.50		14.50		12.00		14.50		13.00		13.00	13.00	14.50		14.50	

5.2GHz WLAN ANT 6			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	17.25	19.00	17.25	19.00	Not Required	14.50	Not Required	15.50	Not Required	11.50	Not Required	11.50	17.25	19.00	Not Required	17.50	97.97
	40	5200	17.30	19.00	17.30	19.00		14.50		15.50		11.50		11.50	17.30	19.00		17.50	
	44	5220	16.83	18.50	16.83	18.50		14.50		15.50		11.50		11.50	16.83	18.50		17.50	
	48	5240	16.87	18.50	16.87	18.50		14.50		15.50		11.50		11.50	16.87	18.50		17.50	
802.11n-HT20 MCS0	36	5180	17.16	19.00	17.16	19.00		14.50		15.50		11.50		11.50	17.16	19.00		17.50	97.78
	40	5200	17.20	19.00	17.20	19.00		14.50		15.50		11.50		11.50	17.20	19.00		17.50	
	44	5220	16.81	18.50	16.81	18.50		14.50		15.50		11.50		11.50	16.81	18.50		17.50	
	48	5240	16.61	18.50	16.61	18.50		14.50		15.50		11.50		11.50	16.61	18.50		17.50	
802.11n-HT40 MCS0	38	5190	16.51	18.00	16.51	18.00		14.50		15.50		11.50		11.50	16.51	18.00	15.98	17.50	96.40
	46	5230	16.25	18.00	16.25	18.00		14.50		15.50		11.50		11.50	16.25	18.00	15.78	17.50	
802.11ac-VHT20 MCS0	36	5180	16.74	18.50	16.74	18.50		14.50		15.50		11.50		11.50	16.74	18.50		17.50	93.50
	40	5200	16.76	18.50	16.76	18.50		14.50		15.50		11.50		11.50	16.76	18.50		17.50	
	44	5220	16.56	18.50	16.56	18.50		14.50		15.50		11.50		11.50	16.56	18.50		17.50	
	48	5240	16.51	18.50	16.51	18.50		14.50		15.50		11.50		11.50	16.51	18.50	Not Required	17.50	
802.11ac-VHT40 MCS0	38	5190	16.49	18.00	16.49	18.00		14.50		15.50		11.50		11.50	16.49	18.00		17.50	86.83
	46	5230	16.23	18.00	16.23	18.00		14.50		15.50		11.50		11.50	16.23	18.00		17.50	
802.11ac-VHT80 MCS0	42	5210	15.33	17.00	15.33	17.00	12.78	14.50	13.96	15.50	10.22	11.50	10.22	11.50	15.33	17.00		15.00	95.78

5.3GHz WLAN ANT 6			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	17.13	19.00	17.13	19.00	Not Required	14.50	Not Required	15.50	Not Required	10.50	17.13	19.00	Not Required	15.50	97.97
	56	5280	16.86	18.50	16.86	18.50		14.50		15.50		10.50	16.86	18.50		15.50	
	60	5300	16.84	18.50	16.84	18.50		14.50		15.50		10.50	16.84	18.50		15.50	
	64	5320	16.90	18.50	16.90	18.50		14.50		15.50		10.50	16.90	18.50		15.50	
802.11n-HT20 MCS0	52	5260	16.97	18.50	16.97	18.50		14.50		15.50		10.50	16.97	18.50		15.50	97.78
	56	5280	16.60	18.50	16.60	18.50		14.50		15.50		10.50	16.60	18.50		15.50	
	60	5300	16.73	18.50	16.73	18.50		14.50		15.50		10.50	16.73	18.50		15.50	
	64	5320	16.77	18.50	16.77	18.50		14.50		15.50		10.50	16.77	18.50		15.50	
802.11n-HT40 MCS0	54	5270	16.50	18.00	16.50	18.00		14.50		15.50		10.50	16.50	18.00		15.50	96.40
	62	5310	16.21	18.00	16.21	18.00		14.50		15.50		10.50	16.21	18.00		15.50	
802.11ac-VHT20 MCS0	52	5260	16.65	18.50	16.65	18.50		14.50		15.50		10.50	16.65	18.50		15.50	93.50
	56	5280	16.54	18.50	16.54	18.50		14.50		15.50		10.50	16.54	18.50		15.50	
	60	5300	16.47	18.50	16.47	18.50		14.50		15.50		10.50	16.47	18.50		15.50	
	64	5320	16.55	18.50	16.55	18.50		14.50		15.50		10.50	16.55	18.50		15.50	
802.11ac-VHT40 MCS0	54	5270	16.49	18.00	16.49	18.00		14.50		15.50		10.50	16.49	18.00		15.50	86.83
	62	5310	16.18	18.00	16.18	18.00		14.50		15.50		10.50	16.18	18.00		15.50	
802.11ac-VHT80 MCS0	58	5290	13.67	15.50	13.67	15.50	12.86	14.50	13.67	15.50	8.97	10.50	13.67	15.50	13.67	15.50	95.78

5.5GHz WLAN ANT 6			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	16.55	18.00	16.55	18.00	Not Required	13.00	Not Required	13.50	Not Required	8.00	16.55	18.00	Not Required	12.00	97.97
	116	5580	16.36	18.00	16.36	18.00		13.00		13.50		8.00	16.36	18.00		12.00	
	132	5660	17.21	19.00	17.21	19.00		13.00		13.50		8.00	17.21	19.00		12.00	
	140	5700	17.44	19.00	17.44	19.00		13.00		13.50		8.00	17.44	19.00		12.00	
802.11n-HT20 MCS0	100	5500	16.45	18.00	16.45	18.00		13.00		13.50		8.00	16.45	18.00		12.00	97.78
	116	5580	16.25	18.00	16.25	18.00		13.00		13.50		8.00	16.25	18.00		12.00	
	132	5660	16.44	18.00	16.44	18.00		13.00		13.50		8.00	16.44	18.00		12.00	
	140	5700	17.25	19.00	17.25	19.00		13.00		13.50		8.00	17.25	19.00		12.00	
802.11n-HT40 MCS0	102	5510	16.10	17.50	16.10	17.50		13.00		13.50		8.00	16.10	17.50		12.00	96.40
	110	5550	15.77	17.50	15.77	17.50		13.00		13.50		8.00	15.77	17.50		12.00	
	134	5670	16.27	17.50	16.27	17.50		13.00		13.50		8.00	16.27	17.50		12.00	
802.11ac-VHT20 MCS0	100	5500	16.20	17.50	16.20	17.50		13.00		13.50		8.00	16.20	17.50		12.00	93.50
	116	5580	15.76	17.50	15.76	17.50		13.00		13.50		8.00	15.76	17.50		12.00	
	132	5660	16.30	18.00	16.30	18.00		13.00		13.50		8.00	16.30	18.00		12.00	
	140	5700	16.75	18.00	16.75	18.00		13.00		13.50		8.00	16.75	18.00		12.00	
802.11ac-VHT40 MCS0	102	5510	16.07	17.50	16.07	17.50		13.00		13.50		8.00	16.07	17.50		12.00	86.83
	110	5550	15.73	17.50	15.73	17.50		13.00		13.50		8.00	15.73	17.50		12.00	
	134	5670	16.22	17.50	16.22	17.50		13.00		13.50		8.00	16.22	17.50		12.00	
802.11ac-VHT80 MCS0	106	5530	11.89	13.50	11.89	13.50	11.49	13.00	11.89	13.50	6.22	8.00	11.89	13.50	10.57	12.00	95.78

5.8GHz WLAN ANT 6			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	17.34	19.00	17.34	19.00	Not Required	16.00	Not Required	16.00	Not Required	10.00	Not Required	10.00	17.34	19.00	Not Required	16.00	97.97
	157	5785	17.02	19.00	17.02	19.00		16.00		16.00		10.00		10.00	17.02	19.00		16.00	
	165	5825	16.84	18.50	16.84	18.50		16.00		16.00		10.00		10.00	16.84	18.50		16.00	
802.11n-HT20 MCS0	149	5745	17.22	19.00	17.22	19.00		16.00		16.00		10.00		10.00	17.22	19.00		16.00	97.78
	157	5785	16.92	18.50	16.92	18.50		16.00		16.00		10.00		10.00	16.92	18.50		16.00	
	165	5825	16.73	18.50	16.73	18.50		16.00		16.00		10.00		10.00	16.73	18.50		16.00	
802.11n-HT40 MCS0	151	5755	16.33	18.00	16.33	18.00		16.00		16.00		10.00		10.00	16.33	18.00		16.00	96.40
	159	5795	16.10	18.00	16.10	18.00		16.00		16.00		10.00		10.00	16.10	18.00		16.00	
802.11ac-VHT20 MCS0	149	5745	16.62	18.50	16.62	18.50		16.00		16.00		10.00		10.00	16.62	18.50		16.00	93.50
	157	5785	16.12	18.00	16.12	18.00		16.00		16.00		10.00		10.00	16.12	18.00		16.00	
	165	5825	16.01	18.00	16.01	18.00		16.00		16.00		10.00		10.00	16.01	18.00		16.00	
802.11ac-VHT40 MCS0	151	5755	16.26	18.00	16.26	18.00		16.00		16.00		10.00		10.00	16.26	18.00		16.00	86.83
	159	5795	16.01	18.00	16.01	18.00		16.00		16.00		10.00		10.00	16.01	18.00		16.00	
802.11ac-VHT80 MCS0	155	5775	14.80	16.50	14.80	16.50	14.35	16.00	14.35	16.00	8.41	10.00	8.41	10.00	14.80	16.50	14.35	16.00	95.78