Calibration Laboratory of
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Accreditation No.: SCS 0108

Client **Sporton**

Certificate No: EX3-3819_Apr21

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:3819
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 30, 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:	Leif Klysner	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: May 4, 2021

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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:3819

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu V/(V/m)^2$)[A]	0.45	0.42	0.46	± 10.1 %
DCP (mV)[B]	103.3	99.8	104.5	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB$\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Unc[E] (k=2)
0	CW	X	0.0	0.0	1.0	0.00	153.1	±3.3 %	± 4.7 %
		Y	0.0	0.0	1.0		150.1		
		Z	0.0	0.0	1.0		159.6		

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 Page 5).
[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:3819

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-66.3
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.

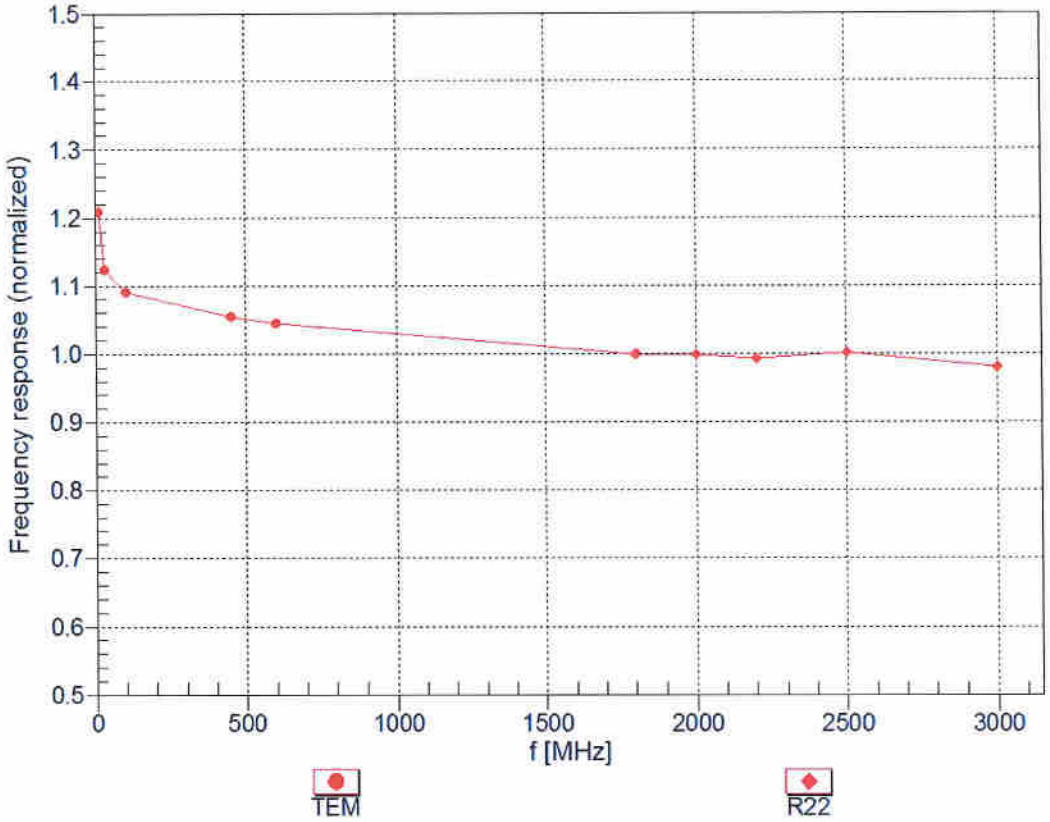
DASY/EASY - Parameters of Probe: EX3DV4 - SN:3819

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	9.79	9.79	9.79	0.52	0.80	± 12.0 %
835	41.5	0.90	9.57	9.57	9.57	0.44	0.80	± 12.0 %
900	41.5	0.97	9.50	9.50	9.50	0.47	0.82	± 12.0 %
1750	40.1	1.37	8.53	8.53	8.53	0.32	0.80	± 12.0 %
1900	40.0	1.40	8.24	8.24	8.24	0.28	0.80	± 12.0 %
2000	40.0	1.40	8.12	8.12	8.12	0.33	0.80	± 12.0 %
2300	39.5	1.67	7.72	7.72	7.72	0.32	0.90	± 12.0 %
2450	39.2	1.80	7.57	7.57	7.57	0.33	0.80	± 12.0 %
2600	39.0	1.96	7.33	7.33	7.33	0.31	0.91	± 12.0 %
3300	38.2	2.71	6.91	6.91	6.91	0.20	1.20	± 14.0 %
3500	37.9	2.91	6.77	6.77	6.77	0.25	1.20	± 14.0 %
3700	37.7	3.12	6.74	6.74	6.74	0.25	1.25	± 14.0 %
3900	37.5	3.32	6.48	6.48	6.48	0.30	1.60	± 14.0 %
4100	37.2	3.53	6.33	6.33	6.33	0.30	1.60	± 14.0 %
4400	36.9	3.84	6.12	6.12	6.12	0.30	1.60	± 14.0 %
4600	36.7	4.04	6.07	6.07	6.07	0.30	1.70	± 14.0 %
4800	36.4	4.25	5.90	5.90	5.90	0.45	1.80	± 14.0 %
4950	36.3	4.40	5.78	5.78	5.78	0.45	1.80	± 14.0 %
5250	35.9	4.71	5.02	5.02	5.02	0.40	1.80	± 14.0 %
5600	35.5	5.07	4.51	4.51	4.51	0.40	1.80	± 14.0 %
5750	35.4	5.22	4.62	4.62	4.62	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.

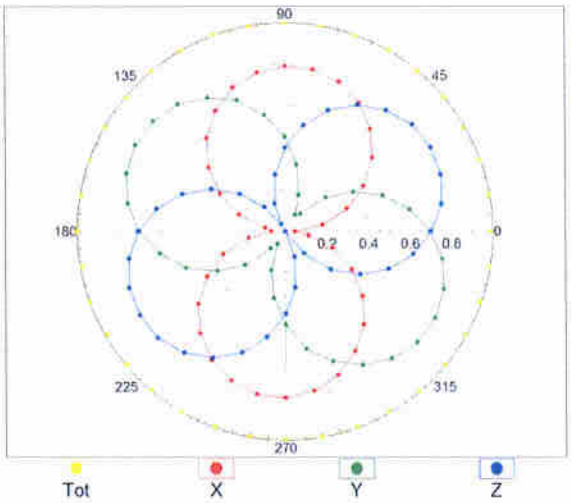
Frequency Response of E-Field
(TEM-Cell:ifi110 EXX, Waveguide: R22)



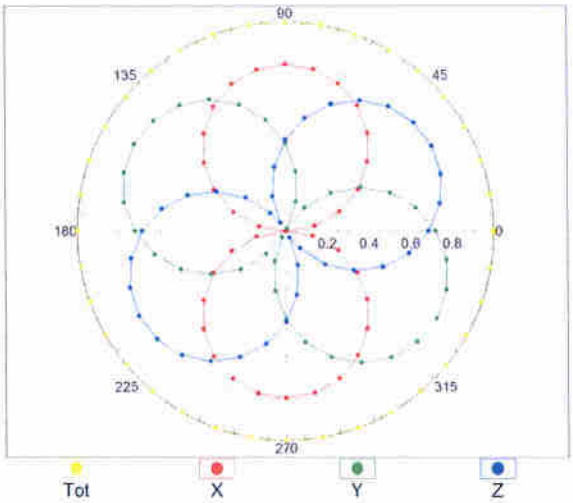
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

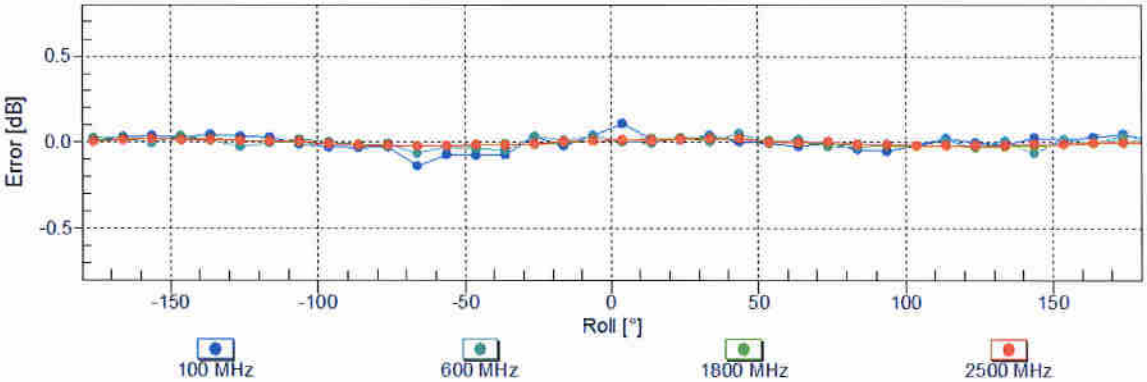
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22

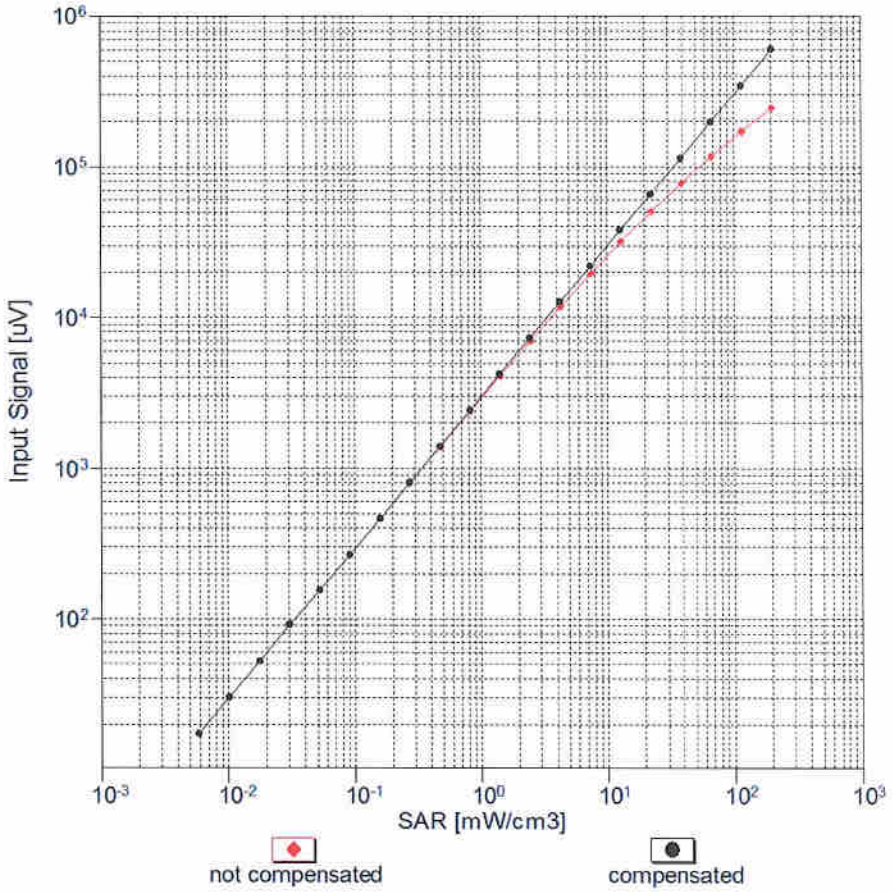


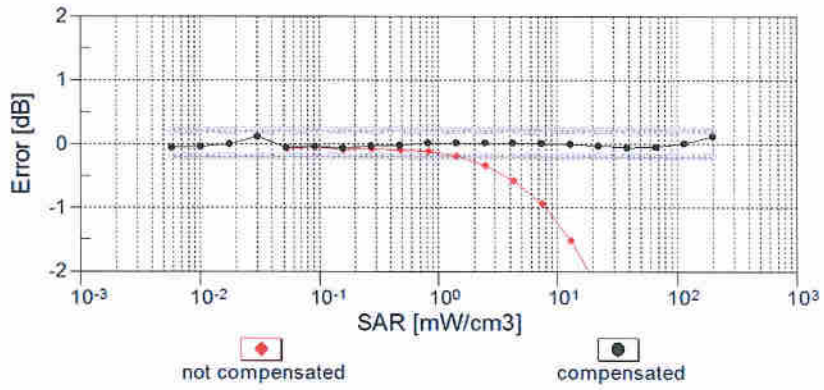


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

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

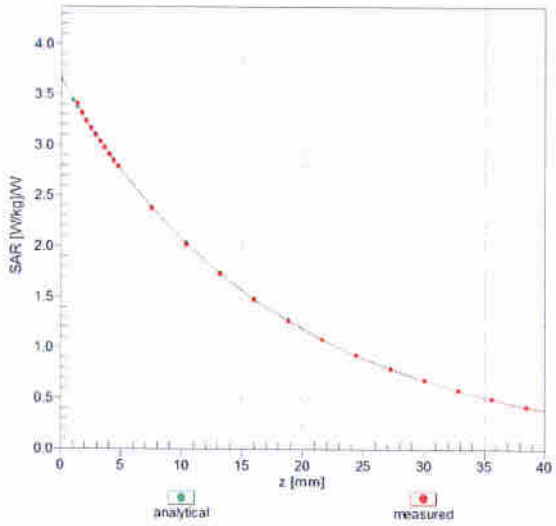




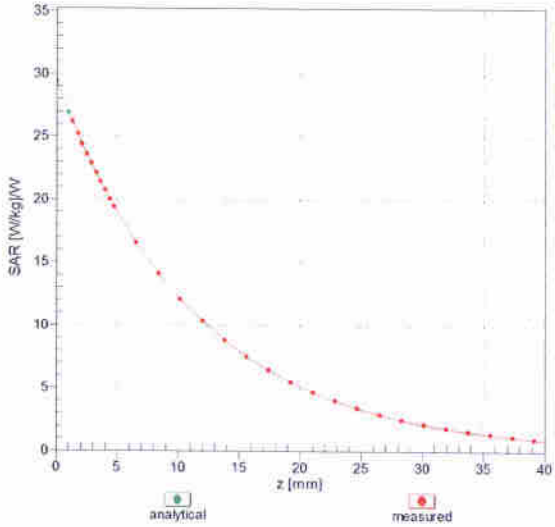
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

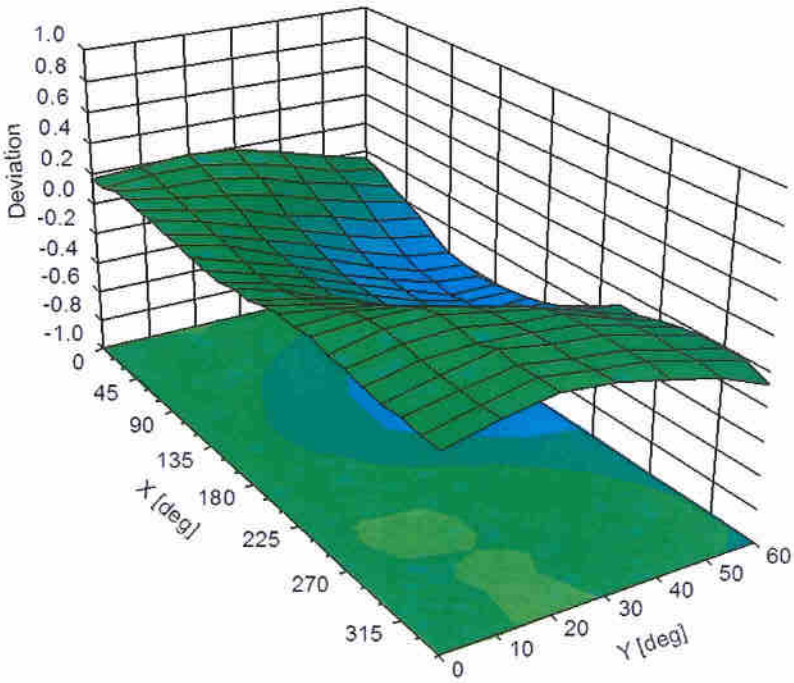


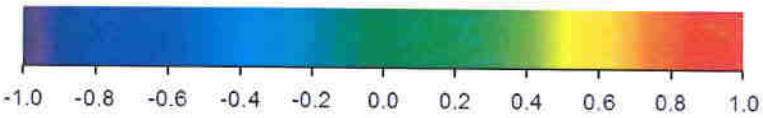
f = 1900 MHz,WGLS R22 (H_convF)



Deviation from Isotropy in Liquid

Error (ϕ, ϑ), f = 900 MHz





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

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Client **Sporton**

Certificate No: EX3-7641_Mar21

CALIBRATION CERTIFICATE

Object	EX3DV4 - SN:7641
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:	March 15, 2021

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
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Approved by:	Katja Pokovic	Technical Manager	

Issued: March 15, 2021

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Glossary:

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- *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*.
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- *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.
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- *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:7641

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm ($\mu V/(V/m)^2$)[A]	0.65	0.72	0.71	± 10.1 %
DCP (mV)[B]	108.0	108.0	107.0	

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	128.6	± 3.5 %	± 4.7 %
		Y	0.00	0.00	1.00		134.8		
		Z	0.00	0.00	1.00		136.5		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	1.77	61.72	6.99	10.00	60.0	± 3.6 %	± 9.6 %
		Y	1.84	62.30	7.55		60.0		
		Z	1.70	61.40	6.70		60.0		
10353-AAA	Pulse Waveform (200Hz, 20%)	X	0.88	60.00	5.12	6.99	80.0	± 2.7 %	± 9.6 %
		Y	0.86	60.00	5.56		80.0		
		Z	0.88	60.00	5.00		80.0		
10354-AAA	Pulse Waveform (200Hz, 40%)	X	0.47	60.00	4.21	3.98	95.0	± 1.6 %	± 9.6 %
		Y	0.50	60.00	4.64		95.0		
		Z	0.49	60.00	4.04		95.0		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	14.64	148.85	0.14	2.22	120.0	± 2.2 %	± 9.6 %
		Y	15.20	131.09	0.06		120.0		
		Z	13.88	151.71	1.95		120.0		
10387-AAA	QPSK Waveform, 1 MHz	X	0.55	63.60	12.39	1.00	150.0	± 4.2 %	± 9.6 %
		Y	0.76	63.04	11.33		150.0		
		Z	0.58	63.08	11.61		150.0		
10388-AAA	QPSK Waveform, 10 MHz	X	1.33	65.91	13.81	0.00	150.0	± 1.4 %	± 9.6 %
		Y	1.42	64.17	12.99		150.0		
		Z	1.33	65.14	13.41		150.0		
10396-AAA	64-QAM Waveform, 100 kHz	X	1.74	64.97	16.01	3.01	150.0	± 0.9 %	± 9.6 %
		Y	1.80	64.68	15.60		150.0		
		Z	1.75	64.94	15.93		150.0		
10399-AAA	64-QAM Waveform, 40 MHz	X	2.82	66.44	15.04	0.00	150.0	± 1.8 %	± 9.6 %
		Y	2.91	65.59	14.47		150.0		
		Z	2.83	66.09	14.81		150.0		
10414-AAA	WLAN CCDF, 64-QAM, 40MHz	X	3.77	66.08	15.17	0.00	150.0	± 3.4 %	± 9.6 %
		Y	4.04	65.36	14.83		150.0		
		Z	3.84	65.79	15.04		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 Page 5).
[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:7641

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	9.2	64.24	31.22	5.28	0.00	4.90	0.47	0.00	1.00
Y	14.4	101.45	31.82	6.45	0.00	4.93	0.64	0.00	1.00
Z	10.6	74.74	31.70	5.87	0.00	4.90	0.51	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-112
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:7641

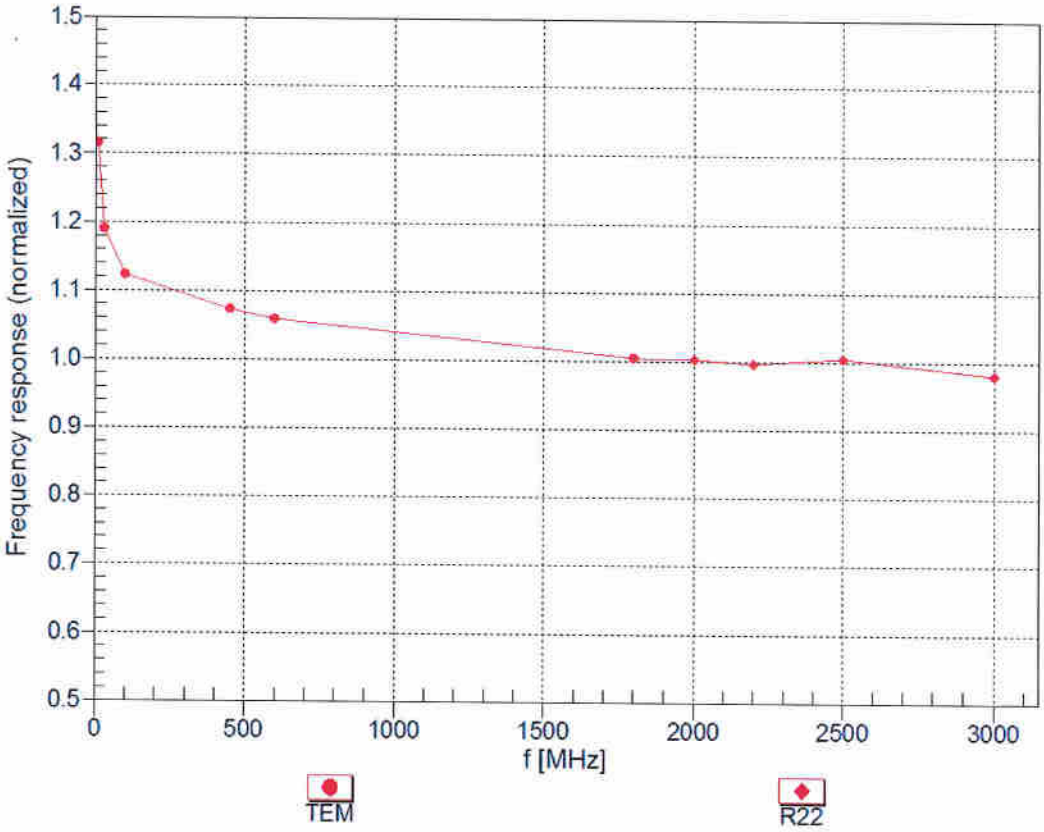
Calibration Parameter Determined in Head Tissue Simulating Media

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	11.05	11.05	11.05	0.50	0.96	± 12.0 %
835	41.5	0.90	10.90	10.90	10.90	0.38	1.04	± 12.0 %
1750	40.1	1.37	9.41	9.41	9.41	0.31	0.86	± 12.0 %
1900	40.0	1.40	9.05	9.05	9.05	0.32	0.86	± 12.0 %
2000	40.0	1.40	8.96	8.96	8.96	0.25	0.86	± 12.0 %
2300	39.5	1.67	8.56	8.56	8.56	0.33	0.90	± 12.0 %
2450	39.2	1.80	8.29	8.29	8.29	0.27	0.90	± 12.0 %
2600	39.0	1.96	7.94	7.94	7.94	0.34	0.90	± 12.0 %
3300	38.2	2.71	7.55	7.55	7.55	0.35	1.30	± 14.0 %
3500	37.9	2.91	7.40	7.40	7.40	0.35	1.30	± 14.0 %
3700	37.7	3.12	7.20	7.20	7.20	0.35	1.30	± 14.0 %
5250	35.9	4.71	5.68	5.68	5.68	0.40	1.80	± 14.0 %
5600	35.5	5.07	5.03	5.03	5.03	0.40	1.80	± 14.0 %
5750	35.4	5.22	5.30	5.30	5.30	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.

Frequency Response of E-Field

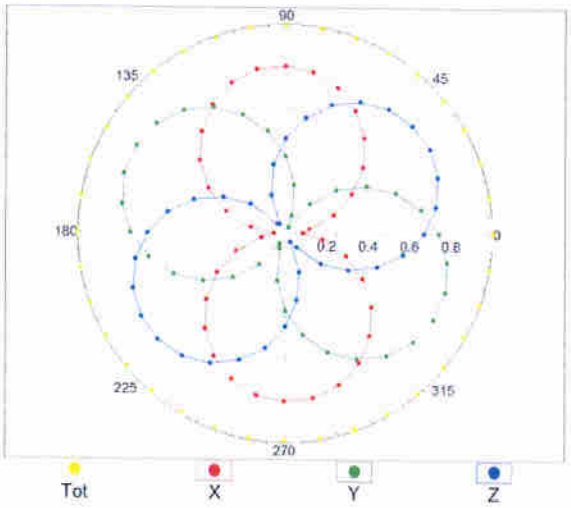
(TEM-Cell:ifi110 EXX, Waveguide: R22)



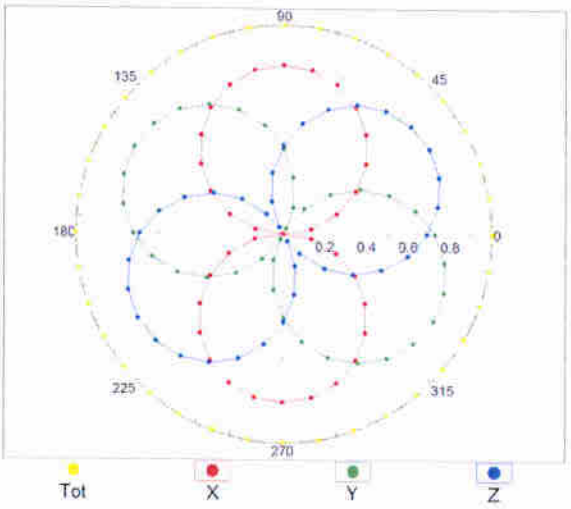
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

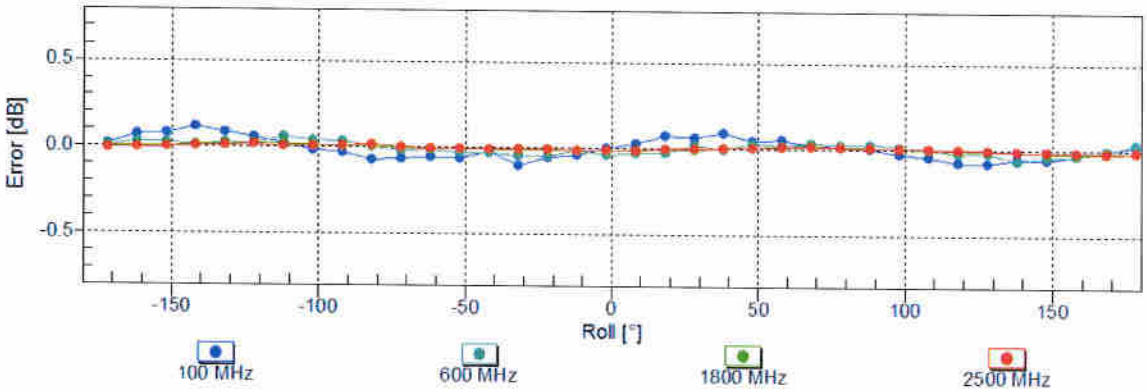
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22

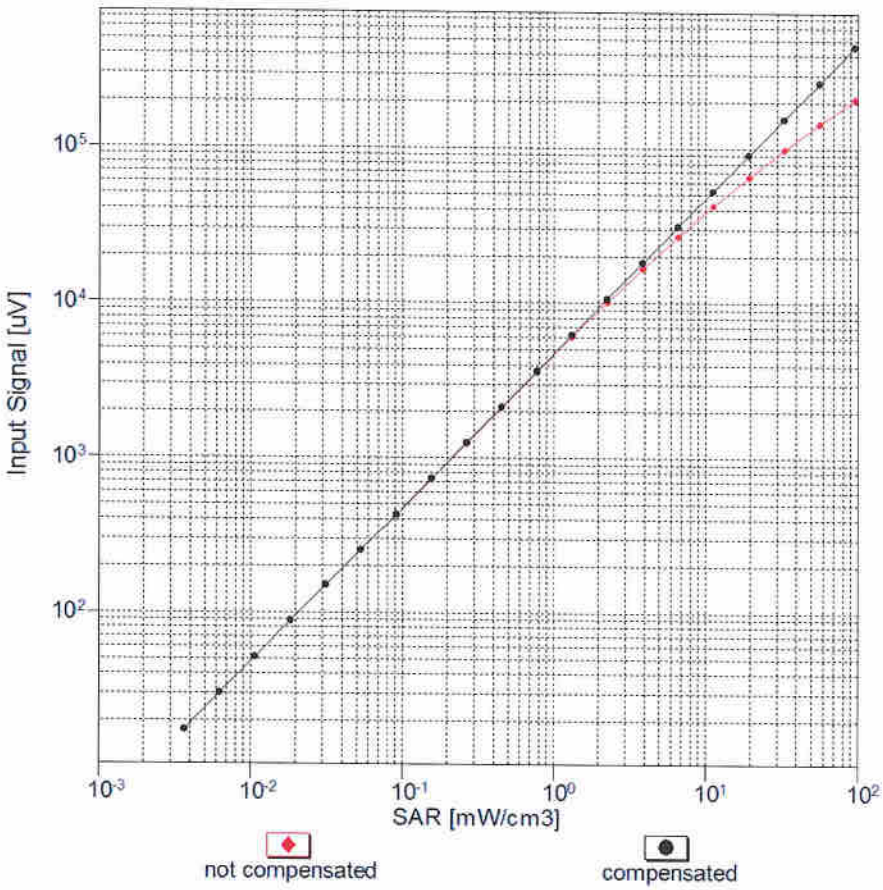


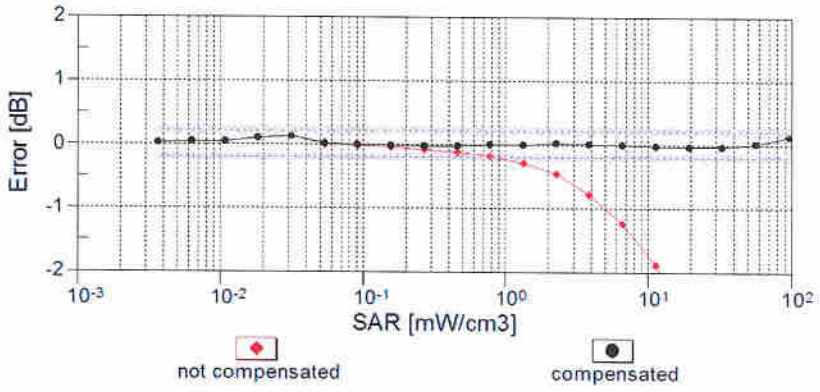


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

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

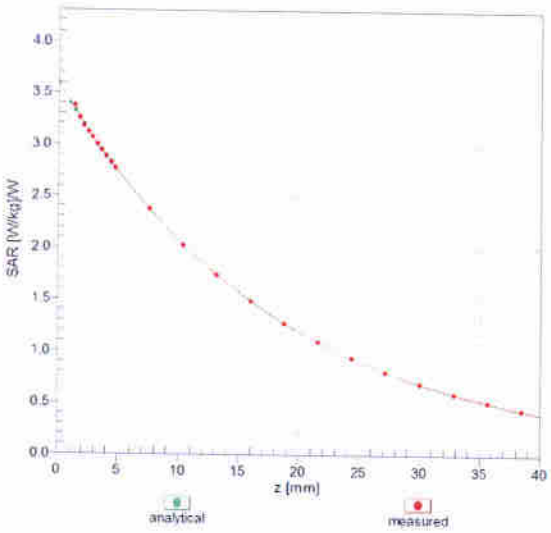




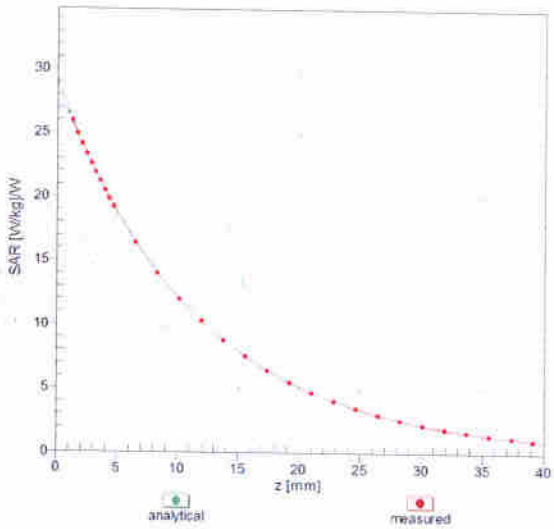
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

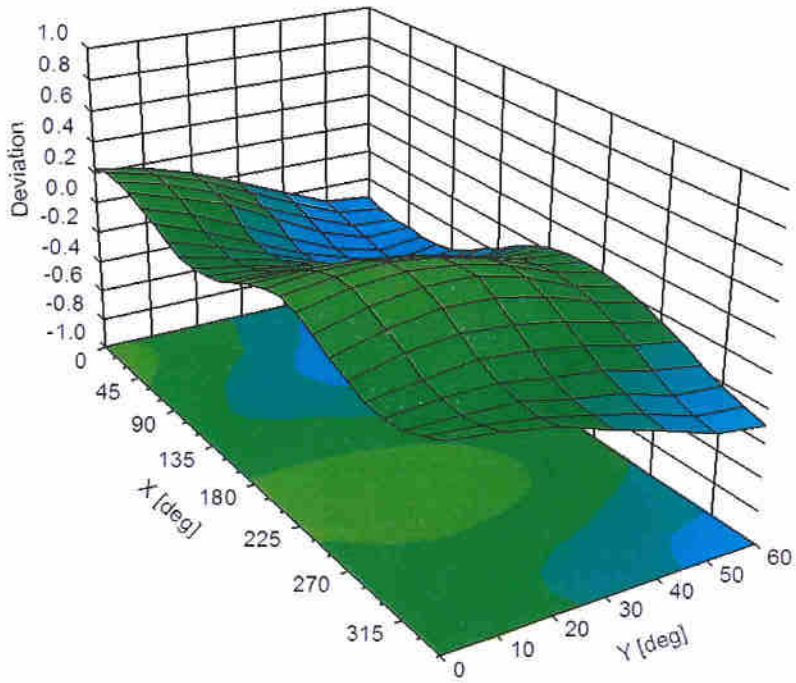


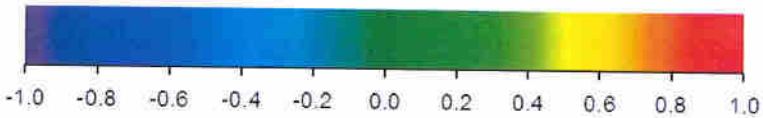
f = 1900 MHz,WGLS R22 (H_convF)



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.

Calibration Laboratory of
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S Schweizerischer Kalibrierdienst
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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

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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.

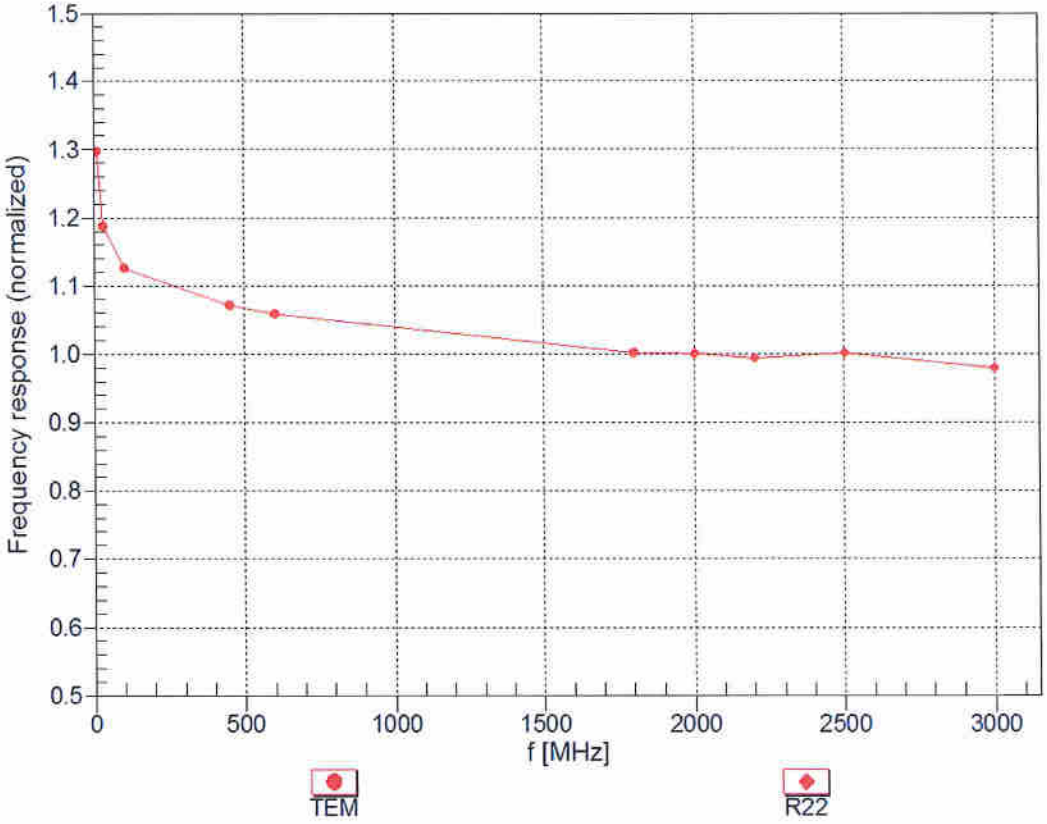
Calibration Parameter Determined in Head Tissue Simulating Media

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

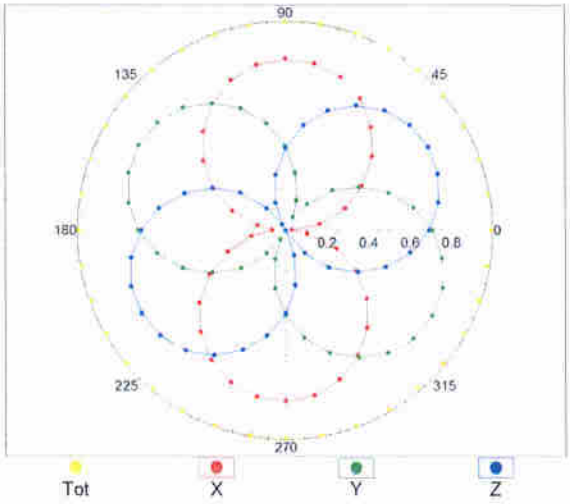
(TEM-Cell:ifi110 EXX, Waveguide: R22)



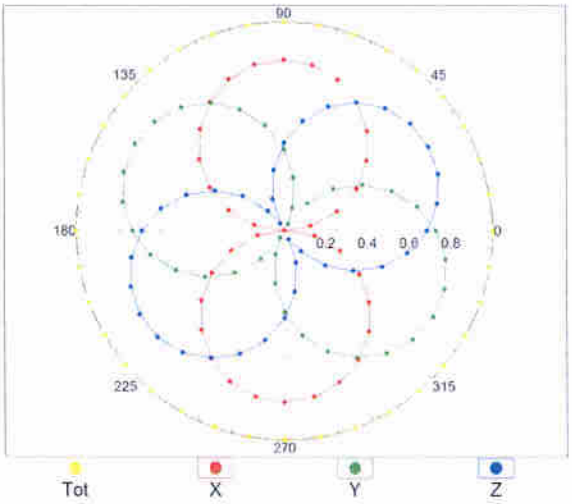
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

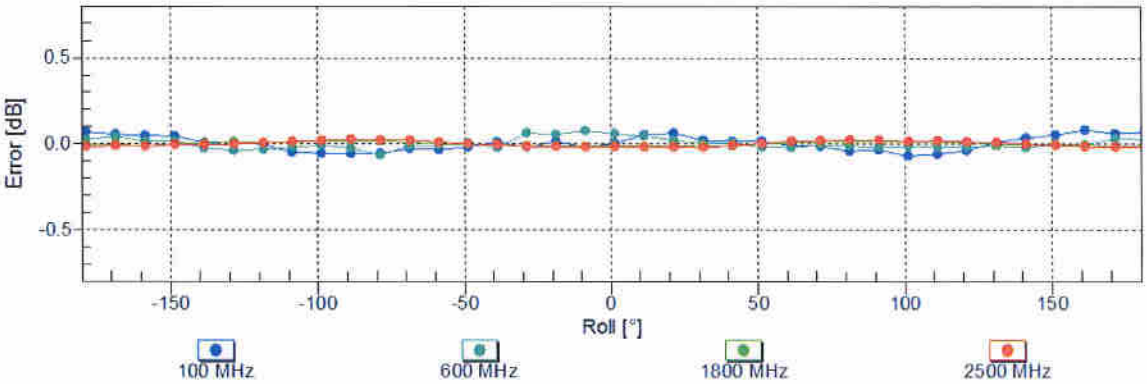
Receiving Pattern (ϕ), ϑ = 0°

f=600 MHz,TEM



f=1800 MHz,R22

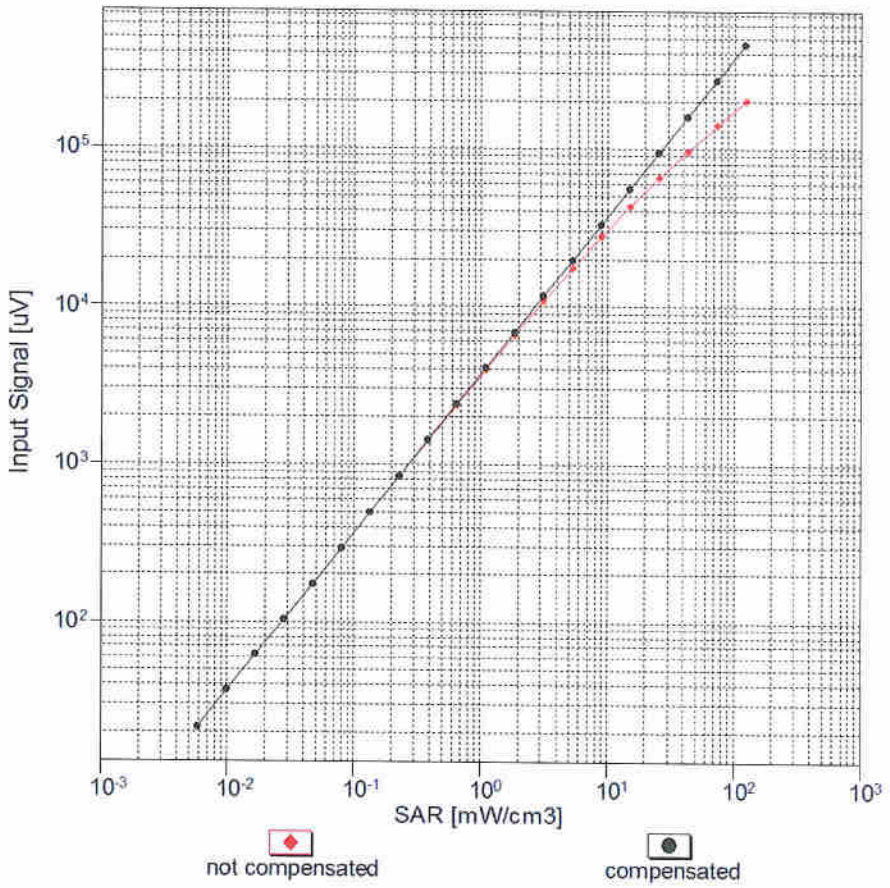


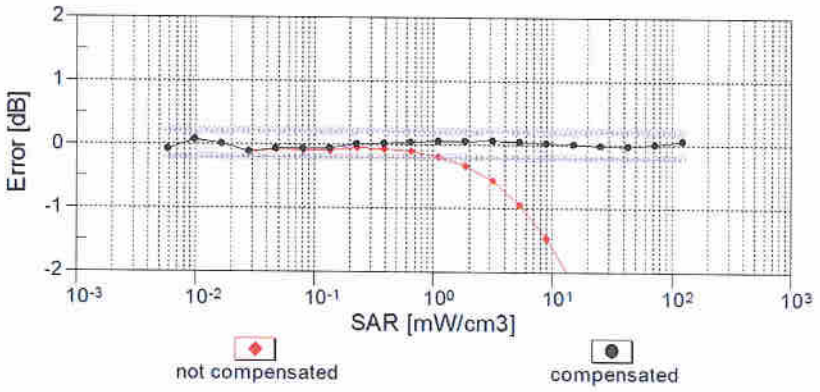


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

Dynamic Range f(SAR_{head})

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

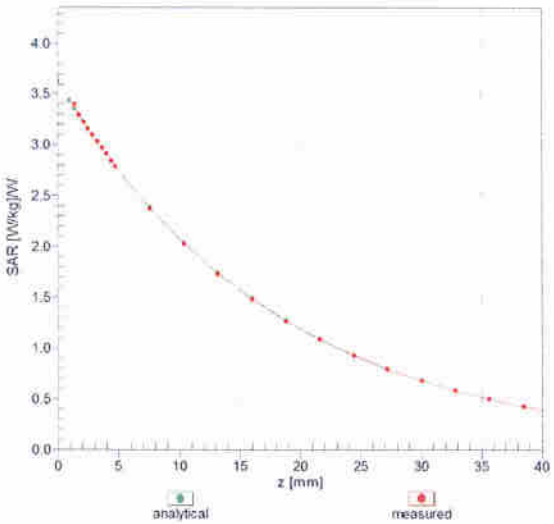




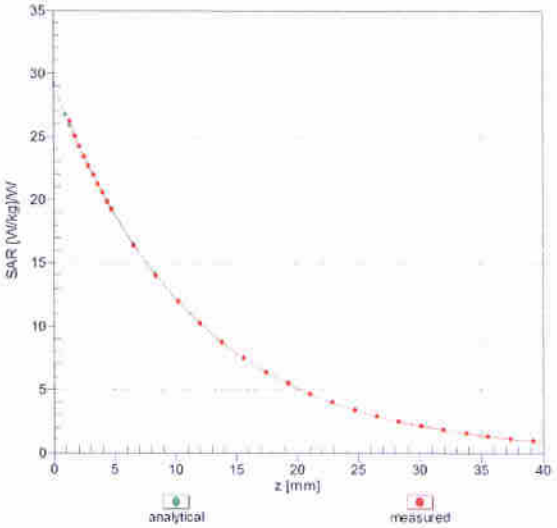
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment

f = 835 MHz,WGLS R9 (H_convF)

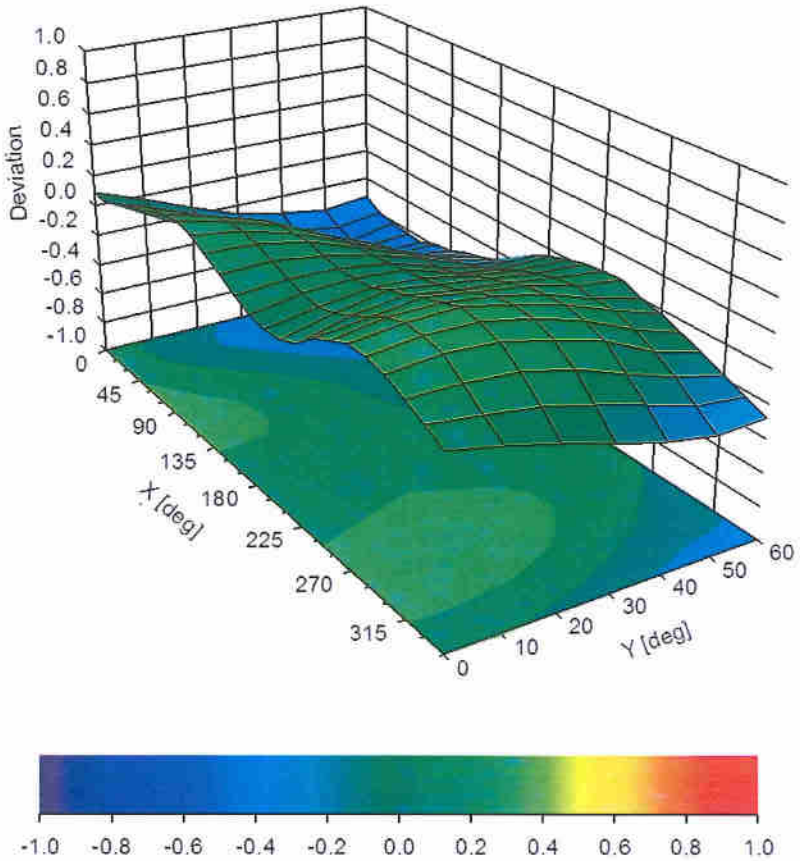


f = 1900 MHz,WGLS R22 (H_convF)



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.

Conducted Full Power level/Default Power level/ Pmax Power Level for WWAN

DSI2/DSI4

GSM850_ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.08	31.94	33.50	23.19	23.08	22.94	24.50
GPRS 1 Tx slot	32.16	32.05	31.91	33.50	23.16	23.05	22.91	24.50
GPRS 2 Tx slots	31.49	31.30	31.12	32.50	25.49	25.30	25.12	26.50
GPRS 3 Tx slots	29.53	29.25	29.03	31.00	25.27	24.99	24.77	26.74
GPRS 4 Tx slots	28.18	28.36	28.27	29.50	25.18	25.36	25.27	26.50
EDGE 1 Tx slot	26.10	26.01	25.82	27.00	17.10	17.01	16.82	18.00
EDGE 2 Tx slots	25.94	25.98	25.75	26.50	19.94	19.98	19.75	20.50
EDGE 3 Tx slots	24.05	24.02	23.71	25.00	19.79	19.76	19.45	20.74
EDGE 4 Tx slots	22.99	22.92	22.81	24.00	19.99	19.92	19.81	21.00

DSI2/DSI4

GSM1900_ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.17	29.41	29.23	30.50	20.17	20.41	20.23	21.50
GPRS 1 Tx slot	29.16	29.40	29.20	30.50	20.16	20.40	20.20	21.50
GPRS 2 Tx slots	28.38	28.65	28.45	30.00	22.38	22.65	22.45	24.00
GPRS 3 Tx slots	25.63	25.66	25.47	27.00	21.37	21.40	21.21	22.74
GPRS 4 Tx slots	24.52	24.75	24.56	26.50	21.52	21.75	21.56	23.50
EDGE 1 Tx slot	25.14	25.24	25.18	26.50	16.14	16.24	16.18	17.50
EDGE 2 Tx slots	24.10	24.12	24.17	25.50	18.10	18.12	18.17	19.50
EDGE 3 Tx slots	21.93	22.32	22.14	23.50	17.67	18.06	17.88	19.24
EDGE 4 Tx slots	20.89	21.19	20.97	22.50	17.89	18.19	17.97	19.50

		DSI2/DSI4				DSI2/DSI4				DSI2/DSI4/DSI7			
Band		WCDMA II_ANT 1			Tune-up Limit (dBm)	WCDMA IV_ANT 1			Tune-up Limit (dBm)	WCDMA V_ANT 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.96	23.06	23.08	24.00	23.01	23.16	22.88	24.00	22.87	22.81	22.95	24.00
3GPP Rel 99	RMC 12.2Kbps	22.97	23.08	23.10	24.00	23.02	23.19	22.91	24.00	22.89	22.83	22.98	24.00
3GPP Rel 6	HSDPA Subtest-1	21.94	22.13	22.12	23.00	22.02	22.20	21.93	23.00	21.92	21.82	21.95	23.00
3GPP Rel 6	HSDPA Subtest-2	21.93	22.16	22.14	23.00	22.01	22.16	21.91	23.00	21.86	21.83	21.96	23.00
3GPP Rel 6	HSDPA Subtest-3	21.47	21.62	21.60	22.50	21.53	21.72	21.39	22.50	21.43	21.36	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.44	21.60	21.62	22.50	21.47	21.67	21.40	22.50	21.40	21.31	21.46	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.85	22.07	22.14	23.00	22.04	22.17	21.93	23.00	21.96	21.96	22.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.90	22.18	22.12	23.00	21.92	22.18	21.86	23.00	21.90	21.94	22.08	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.49	21.55	21.64	22.50	21.42	21.71	21.48	22.50	21.60	21.40	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.41	21.66	21.63	22.50	21.53	21.68	21.39	22.50	21.59	21.48	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.00	22.22	22.13	23.00	22.01	22.23	21.90	23.00	21.87	21.82	21.90	23.00
3GPP Rel 6	HSUPA Subtest-2	20.02	20.15	20.13	21.00	20.03	20.22	19.90	21.00	19.87	19.79	19.88	21.00
3GPP Rel 6	HSUPA Subtest-3	21.00	21.23	21.20	22.00	21.05	21.17	20.90	22.00	20.86	20.82	20.88	22.00
3GPP Rel 6	HSUPA Subtest-4	20.00	20.14	20.11	21.00	20.02	20.17	19.94	21.00	19.93	19.80	19.90	21.00
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.10	23.00	22.10	22.20	21.90	23.00	21.90	21.80	21.90	23.00

Band 2 (1900MHz Band)
Part 24E_ANT 1(DSI2/DSI4)

BW [MHz]	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	22.46	22.64	22.68	24	0
20	QPSK	1	49	22.59	22.66	22.73		
20	QPSK	1	99	22.43	22.62	22.67		
20	QPSK	50	0	21.58	21.65	21.75	23	1
20	QPSK	50	24	21.69	21.76	21.81		
20	QPSK	50	50	21.62	21.74	21.79		
20	QPSK	100	0	21.62	21.71	21.75		
20	16QAM	1	0	21.94	22.00	22.11	23	1
20	16QAM	1	49	21.81	22.07	22.04		
20	16QAM	1	99	21.79	22.10	21.92		
20	16QAM	50	0	20.52	20.68	20.74	22	2
20	16QAM	50	24	20.66	20.73	20.80		
20	16QAM	50	50	20.66	20.81	20.82		
20	16QAM	100	0	20.59	20.68	20.71		
20	64QAM	1	0	20.84	20.86	20.94	22	2
20	64QAM	1	49	20.62	20.90	20.86		
20	64QAM	1	99	20.75	20.94	20.77		
20	64QAM	50	0	19.56	19.70	19.78	21	3
20	64QAM	50	24	19.68	19.80	19.84		
20	64QAM	50	50	19.63	19.81	19.83		
20	64QAM	100	0	19.63	19.69	19.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.53	22.69	22.71	24	0
15	QPSK	1	37	22.55	22.70	22.64		
15	QPSK	1	74	22.46	22.63	22.67		
15	QPSK	36	0	21.57	21.73	21.76	23	1
15	QPSK	36	20	21.68	21.80	21.88		
15	QPSK	36	39	21.66	21.83	21.84		
15	QPSK	75	0	21.66	21.72	21.78		
15	16QAM	1	0	21.86	22.00	22.03	23	1
15	16QAM	1	37	21.87	22.09	22.05		
15	16QAM	1	74	21.71	22.14	21.94		
15	16QAM	36	0	20.59	20.73	20.75	22	2
15	16QAM	36	20	20.68	20.78	20.89		
15	16QAM	36	39	20.65	20.86	20.87		
15	16QAM	75	0	20.66	20.75	20.77		
15	64QAM	1	0	21.65	21.86	21.96	22	2
15	64QAM	1	37	21.68	21.88	21.84		
15	64QAM	1	74	21.56	21.98	21.84		
15	64QAM	36	0	20.56	20.70	20.75	21	3
15	64QAM	36	20	20.67	20.76	20.89		
15	64QAM	36	39	20.63	20.86	20.83		
15	64QAM	75	0	20.64	20.74	20.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.35	22.52	22.63	24	0
10	QPSK	1	25	22.54	22.64	22.61		
10	QPSK	1	49	22.33	22.55	22.68		
10	QPSK	25	0	21.69	21.74	21.76	23	1
10	QPSK	25	12	21.78	21.84	21.84		
10	QPSK	25	25	21.62	21.82	21.77		
10	QPSK	50	0	21.65	21.76	21.75		
10	16QAM	1	0	21.64	21.84	22.06	23	1
10	16QAM	1	25	21.96	22.09	22.04		
10	16QAM	1	49	21.76	21.87	22.12		
10	16QAM	25	0	20.71	20.80	20.79	22	2
10	16QAM	25	12	20.78	20.89	20.87		
10	16QAM	25	25	20.65	20.82	20.78		
10	16QAM	50	0	20.68	20.76	20.74		
10	64QAM	1	0	20.71	20.68	20.79	22	2
10	64QAM	1	25	21.03	21.13	21.09		
10	64QAM	1	49	20.69	20.82	20.99		
10	64QAM	25	0	19.70	19.76	19.79	21	3
10	64QAM	25	12	19.82	19.87	19.92		
10	64QAM	25	25	19.65	19.80	19.82		
10	64QAM	50	0	19.69	19.78	19.78		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.69	22.62	22.59	24	0
5	QPSK	1	12	22.70	22.61	22.63		
5	QPSK	1	24	22.53	22.72	22.62		
5	QPSK	12	0	21.81	21.87	21.90	23	1
5	QPSK	12	7	21.84	21.96	21.90		
5	QPSK	12	13	21.73	21.86	21.79		
5	QPSK	25	0	21.81	21.85	21.82		
5	16QAM	1	0	22.05	22.10	22.09	23	1
5	16QAM	1	12	22.06	22.15	22.07		
5	16QAM	1	24	21.90	22.07	21.93		
5	16QAM	12	0	20.88	20.90	20.91	22	2
5	16QAM	12	7	20.88	20.99	20.92		
5	16QAM	12	13	20.73	20.88	20.82		
5	16QAM	25	0	20.76	20.86	20.84		
5	64QAM	1	0	20.92	21.12	21.08	22	2
5	64QAM	1	12	20.98	21.10	21.04		
5	64QAM	1	24	20.84	20.97	20.88		
5	64QAM	12	0	19.86	19.91	19.96	21	3
5	64QAM	12	7	19.86	20.01	19.98		
5	64QAM	12	13	19.74	19.92	19.86		
5	64QAM	25	0	19.77	19.85	19.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.63	22.70	22.70	24	0
3	QPSK	1	8	22.71	22.64	22.63		
3	QPSK	1	14	22.46	22.65	22.65		
3	QPSK	8	0	21.74	21.79	21.79	23	1
3	QPSK	8	4	21.71	21.86	21.86		
3	QPSK	8	7	21.65	21.77	21.77		
3	QPSK	15	0	21.69	21.70	21.70		
3	16QAM	1	0	21.92	22.03	22.03	23	1
3	16QAM	1	8	22.04	22.11	22.11		
3	16QAM	1	14	21.90	22.00	22.00		
3	16QAM	8	0	20.82	20.83	20.83	22	2
3	16QAM	8	4	20.78	20.87	20.87		
3	16QAM	8	7	20.71	20.82	20.82		
3	16QAM	15	0	20.75	20.79	20.79		
3	64QAM	1	0	20.83	20.92	20.92	22	2
3	64QAM	1	8	20.87	21.05	21.05		
3	64QAM	1	14	20.84	20.89	20.89		
3	64QAM	8	0	19.75	19.82	19.82	21	3
3	64QAM	8	4	19.79	19.88	19.88		
3	64QAM	8	7	19.69	19.80	19.80		
3	64QAM	15	0	19.72	19.77	19.77		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.71	22.65	22.59	24	0
1.4	QPSK	1	3	22.58	22.68	22.62		
1.4	QPSK	1	5	22.41	22.63	22.54		
1.4	QPSK	3	0	22.64	22.69	22.61		
1.4	QPSK	3	1	22.61	22.68	22.63		
1.4	QPSK	3	3	22.54	22.61	22.63		
1.4	QPSK	6	0	21.62	21.72	21.65	23	1
1.4	16QAM	1	0	21.94	22.10	21.82	23	1
1.4	16QAM	1	3	21.73	22.09	22.17		
1.4	16QAM	1	5	21.69	21.69	21.74		
1.4	16QAM	3	0	21.57	21.76	21.73		
1.4	16QAM	3	1	21.90	21.81	21.61		
1.4	16QAM	3	3	21.76	21.83	21.58		
1.4	16QAM	6	0	20.73	20.77	20.73	22	2
1.4	64QAM	1	0	20.49	20.79	20.65	22	2
1.4	64QAM	1	3	20.63	20.84	20.70		
1.4	64QAM	1	5	20.98	20.75	20.74		
1.4	64QAM	3	0	20.99	20.86	20.89		
1.4	64QAM	3	1	20.85	21.00	20.93		
1.4	64QAM	3	3	20.74	21.04	20.71		
1.4	64QAM	6	0	19.73	19.77	19.66	21	3

Band 4 (AWS Band)
Part 27L (only on channel required)_ANT 1(DSI2/DSI4)

BW [MHz]	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	22.34	22.46	22.43	24	0
20	QPSK	1	49	22.54	22.66	22.58		
20	QPSK	1	99	22.28	22.35	22.32		
20	QPSK	50	0	21.53	21.70	21.68	23	1
20	QPSK	50	24	21.68	21.75	21.73		
20	QPSK	50	50	21.56	21.61	21.58		
20	QPSK	100	0	21.57	21.63	21.61		
20	16QAM	1	0	21.67	21.77	21.87	23	1
20	16QAM	1	49	21.88	22.01	21.96		
20	16QAM	1	99	21.56	21.64	21.61		
20	16QAM	50	0	20.56	20.68	20.70	22	2
20	16QAM	50	24	20.73	20.74	20.75		
20	16QAM	50	50	20.62	20.62	20.65		
20	16QAM	100	0	20.64	20.64	20.67		
20	64QAM	1	0	20.51	20.69	20.74	22	2
20	64QAM	1	49	20.76	20.89	20.86		
20	64QAM	1	99	20.48	20.52	20.44		
20	64QAM	50	0	19.59	19.69	19.70	21	3
20	64QAM	50	24	19.75	19.76	19.74		
20	64QAM	50	50	19.68	19.64	19.59		
20	64QAM	100	0	19.66	19.68	19.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.38	22.50	22.44	24	0
15	QPSK	1	37	22.54	22.59	22.51		
15	QPSK	1	74	22.41	22.46	22.28		
15	QPSK	36	0	21.55	21.66	21.60	23	1
15	QPSK	36	20	21.67	21.70	21.66		
15	QPSK	36	39	21.63	21.63	21.48		
15	QPSK	75	0	21.62	21.65	21.60		
15	16QAM	1	0	21.84	21.89	21.82	23	1
15	16QAM	1	37	21.97	22.01	21.90		
15	16QAM	1	74	21.79	21.83	21.63		
15	16QAM	36	0	20.57	20.66	20.63	22	2
15	16QAM	36	20	20.68	20.69	20.63		
15	16QAM	36	39	20.64	20.62	20.51		
15	16QAM	75	0	20.63	20.65	20.60		
15	64QAM	1	0	20.62	20.65	20.66	22	2
15	64QAM	1	37	20.84	20.94	20.85		
15	64QAM	1	74	20.70	20.61	20.56		
15	64QAM	36	0	19.56	19.69	19.63	21	3
15	64QAM	36	20	19.69	19.71	19.66		
15	64QAM	36	39	19.64	19.66	19.52		
15	64QAM	75	0	19.64	19.66	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.28	22.34	22.31	24	0
10	QPSK	1	25	22.56	22.56	22.51		
10	QPSK	1	49	22.22	22.31	22.31		
10	QPSK	25	0	21.59	21.62	21.58	23	1
10	QPSK	25	12	21.69	21.69	21.65		
10	QPSK	25	25	21.55	21.57	21.50		
10	QPSK	50	0	21.61	21.60	21.56		
10	16QAM	1	0	21.69	21.71	21.63	23	1
10	16QAM	1	25	21.90	22.09	21.87		
10	16QAM	1	49	21.66	21.72	21.59		
10	16QAM	25	0	20.64	20.63	20.56	22	2
10	16QAM	25	12	20.69	20.74	20.64		
10	16QAM	25	25	20.52	20.58	20.47		
10	16QAM	50	0	20.59	20.61	20.54		
10	64QAM	1	0	20.59	20.59	20.47	22	2
10	64QAM	1	25	20.83	20.97	20.83		
10	64QAM	1	49	20.54	20.55	20.49		
10	64QAM	25	0	19.63	19.67	19.58	21	3
10	64QAM	25	12	19.70	19.77	19.64		
10	64QAM	25	25	19.56	19.59	19.49		
10	64QAM	50	0	19.60	19.64	19.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.63	22.63	22.48	24	0
5	QPSK	1	12	22.63	22.64	22.52		
5	QPSK	1	24	22.50	22.59	22.39		
5	QPSK	12	0	21.74	21.79	21.59	23	1
5	QPSK	12	7	21.74	21.75	21.62		
5	QPSK	12	13	21.65	21.75	21.53		
5	QPSK	25	0	21.66	21.73	21.54		
5	16QAM	1	0	21.93	21.92	21.81	23	1
5	16QAM	1	12	21.93	22.02	21.79		
5	16QAM	1	24	21.86	21.93	21.73		
5	16QAM	12	0	20.76	20.78	20.63	22	2
5	16QAM	12	7	20.75	20.83	20.64		
5	16QAM	12	13	20.66	20.78	20.54		
5	16QAM	25	0	20.66	20.73	20.55		
5	64QAM	1	0	20.84	20.90	20.79	22	2
5	64QAM	1	12	20.85	20.90	20.69		
5	64QAM	1	24	20.75	20.82	20.54		
5	64QAM	12	0	19.80	19.85	19.66	21	3
5	64QAM	12	7	19.78	19.86	19.68		
5	64QAM	12	13	19.70	19.83	19.61		
5	64QAM	25	0	19.69	19.71	19.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.63	22.63	22.51	24	0
3	QPSK	1	8	22.59	22.62	22.55		
3	QPSK	1	14	22.58	22.63	22.45		
3	QPSK	8	0	21.74	21.76	21.62	23	1
3	QPSK	8	4	21.72	21.75	21.62		
3	QPSK	8	7	21.72	21.67	21.57		
3	QPSK	15	0	21.71	21.72	21.56		
3	16QAM	1	0	21.97	22.06	21.86	23	1
3	16QAM	1	8	21.97	22.09	21.83		
3	16QAM	1	14	21.90	21.96	21.77		
3	16QAM	8	0	20.77	20.78	20.64	22	2
3	16QAM	8	4	20.77	20.88	20.63		
3	16QAM	8	7	20.75	20.84	20.57		
3	16QAM	15	0	20.76	20.74	20.61		
3	64QAM	1	0	20.86	20.92	20.73	22	2
3	64QAM	1	8	20.93	20.99	20.70		
3	64QAM	1	14	20.84	20.90	20.64		
3	64QAM	8	0	19.82	19.80	19.68	21	3
3	64QAM	8	4	19.81	19.91	19.67		
3	64QAM	8	7	19.75	19.86	19.67		
3	64QAM	15	0	19.76	19.76	19.61		
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	22.63	22.23	24	0
1.4	QPSK	1	3	22.61	22.64	22.51		
1.4	QPSK	1	5	22.51	22.61	22.42		
1.4	QPSK	3	0	22.57	22.59	22.39		
1.4	QPSK	3	1	22.62	22.57	22.36		
1.4	QPSK	3	3	22.58	22.57	22.35		
1.4	QPSK	6	0	21.62	21.70	21.49	23	1
1.4	16QAM	1	0	21.84	21.92	21.74	23	1
1.4	16QAM	1	3	21.96	21.96	21.79		
1.4	16QAM	1	5	21.90	21.98	21.51		
1.4	16QAM	3	0	21.68	21.76	21.30		
1.4	16QAM	3	1	21.72	21.80	21.53		
1.4	16QAM	3	3	21.63	21.72	21.46		
1.4	16QAM	6	0	20.67	20.79	20.60	22	2
1.4	64QAM	1	0	20.78	20.85	20.60	22	2
1.4	64QAM	1	3	20.84	20.91	20.56		
1.4	64QAM	1	5	20.73	20.80	20.54		
1.4	64QAM	3	0	20.77	20.83	20.60		
1.4	64QAM	3	1	20.81	20.88	20.64		
1.4	64QAM	3	3	20.74	20.82	20.61		
1.4	64QAM	6	0	19.60	19.74	19.46	21	3

Band 5 (Celluar Band)
Part 22H(only on channel required)_ANT 1(DSI2/DSI4/DSI7)

BW [MHz]	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	22.54	22.57	22.61	24	0
10	QPSK	1	25	22.55	22.59	22.64		
10	QPSK	1	49	22.52	22.57	22.62		
10	QPSK	25	0	21.51	21.57	21.60	23	1
10	QPSK	25	12	21.62	21.64	21.71		
10	QPSK	25	25	21.58	21.63	21.65		
10	QPSK	50	0	21.58	21.59	21.61		
10	16QAM	1	0	21.90	21.91	21.89	23	1
10	16QAM	1	25	21.89	21.87	22.03		
10	16QAM	1	49	21.90	21.96	21.94		
10	16QAM	25	0	20.62	20.57	20.68	22	2
10	16QAM	25	12	20.66	20.65	20.66		
10	16QAM	25	25	20.61	20.63	20.70		
10	16QAM	50	0	20.60	20.60	20.60		
10	64QAM	1	0	20.77	20.74	20.82	22	2
10	64QAM	1	25	20.80	20.77	20.95		
10	64QAM	1	49	20.84	20.81	20.80		
10	64QAM	25	0	19.65	19.61	19.70	21	3
10	64QAM	25	12	19.71	19.70	19.74		
10	64QAM	25	25	19.69	19.67	19.75		
10	64QAM	50	0	19.61	19.63	19.66		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.53	22.46	22.54	24	0
5	QPSK	1	12	22.59	22.55	22.61		
5	QPSK	1	24	22.54	22.51	22.54		
5	QPSK	12	0	21.64	21.59	21.65	23	1
5	QPSK	12	7	21.71	21.65	21.68		
5	QPSK	12	13	21.67	21.63	21.68		
5	QPSK	25	0	21.67	21.62	21.66		
5	16QAM	1	0	21.84	21.76	21.85	23	1
5	16QAM	1	12	21.85	21.86	21.96		
5	16QAM	1	24	21.88	21.87	21.92		
5	16QAM	12	0	20.70	20.57	20.70	22	2
5	16QAM	12	7	20.71	20.70	20.75		
5	16QAM	12	13	20.67	20.68	20.72		
5	16QAM	25	0	20.66	20.68	20.66		
5	64QAM	1	0	20.80	20.71	20.77	22	2
5	64QAM	1	12	20.83	20.79	20.90		
5	64QAM	1	24	20.76	20.82	20.81		
5	64QAM	12	0	19.72	19.64	19.73	21	3
5	64QAM	12	7	19.75	19.71	19.78		
5	64QAM	12	13	19.71	19.67	19.75		
5	64QAM	25	0	19.72	19.65	19.69		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.57	22.43	22.54	24	0
3	QPSK	1	8	22.62	22.59	22.49		
3	QPSK	1	14	22.54	22.54	22.56		
3	QPSK	8	0	21.66	21.55	21.63	23	1
3	QPSK	8	4	21.67	21.65	21.72		
3	QPSK	8	7	21.65	21.61	21.69		
3	QPSK	15	0	21.66	21.59	21.63		
3	16QAM	1	0	21.88	21.72	21.86	23	1
3	16QAM	1	8	21.93	21.92	22.03		
3	16QAM	1	14	21.88	21.89	21.92		
3	16QAM	8	0	20.72	20.61	20.71	22	2
3	16QAM	8	4	20.74	20.70	20.77		
3	16QAM	8	7	20.73	20.66	20.76		
3	16QAM	15	0	20.68	20.66	20.65		
3	64QAM	1	0	20.86	20.71	20.79	22	2
3	64QAM	1	8	20.88	20.82	20.90		
3	64QAM	1	14	20.78	20.80	20.81		
3	64QAM	8	0	19.72	19.61	19.70	21	3
3	64QAM	8	4	19.75	19.70	19.79		
3	64QAM	8	7	19.71	19.68	19.72		
3	64QAM	15	0	19.68	19.64	19.67		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.51	22.40	22.51	24	0
1.4	QPSK	1	3	22.56	22.49	22.56		
1.4	QPSK	1	5	22.51	22.47	22.53		
1.4	QPSK	3	0	22.52	22.45	22.53		
1.4	QPSK	3	1	22.57	22.49	22.58		
1.4	QPSK	3	3	22.51	22.46	22.53		
1.4	QPSK	6	0	21.61	21.53	21.57	23	1
1.4	16QAM	1	0	21.83	21.73	21.82	23	1
1.4	16QAM	1	3	21.86	21.81	21.88		
1.4	16QAM	1	5	21.77	21.77	21.85		
1.4	16QAM	3	0	21.61	21.56	21.62		
1.4	16QAM	3	1	21.67	21.61	21.66		
1.4	16QAM	3	3	21.63	21.55	21.59		
1.4	16QAM	6	0	20.70	20.60	20.67	22	2
1.4	64QAM	1	0	20.75	20.72	20.73	22	2
1.4	64QAM	1	3	20.79	20.75	20.80		
1.4	64QAM	1	5	20.70	20.69	20.76		
1.4	64QAM	3	0	20.73	20.66	20.71		
1.4	64QAM	3	1	20.77	20.69	20.76		
1.4	64QAM	3	3	20.74	20.65	20.70		
1.4	64QAM	6	0	19.63	19.59	19.63	21	3

Band 7 (2600MHz Band)
Part 27_ANT 1(DSI2/DSI4)

BW [MHz]	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	22.71	22.74	22.72	24	0
20	QPSK	1	49	22.72	22.80	22.77		
20	QPSK	1	99	22.70	22.74	22.72		
20	QPSK	50	0	21.73	21.81	21.76	23	1
20	QPSK	50	24	21.86	21.88	21.84		
20	QPSK	50	50	21.75	21.83	21.80		
20	QPSK	100	0	21.69	21.84	21.79		
20	16QAM	1	0	22.08	22.04	22.07	23	1
20	16QAM	1	49	22.06	22.09	22.13		
20	16QAM	1	99	22.08	22.12	22.18		
20	16QAM	50	0	20.76	20.82	20.81	22	2
20	16QAM	50	24	20.82	20.92	20.91		
20	16QAM	50	50	20.76	20.86	20.86		
20	16QAM	100	0	20.69	20.84	20.79		
20	64QAM	1	0	21.00	20.99	20.88	22	2
20	64QAM	1	49	20.99	20.96	20.95		
20	64QAM	1	99	20.98	20.97	21.10		
20	64QAM	50	0	19.76	19.84	19.85	21	3
20	64QAM	50	24	19.82	19.93	19.91		
20	64QAM	50	50	19.77	19.90	19.89		
20	64QAM	100	0	19.73	19.87	19.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.66	22.71	22.72	24	0
15	QPSK	1	37	22.66	22.68	22.75		
15	QPSK	1	74	22.69	22.76	22.77		
15	QPSK	36	0	21.68	21.78	21.74	23	1
15	QPSK	36	20	21.79	21.83	21.84		
15	QPSK	36	39	21.66	21.77	21.85		
15	QPSK	75	0	21.66	21.78	21.79		
15	16QAM	1	0	21.98	22.00	22.00	23	1
15	16QAM	1	37	22.00	21.97	22.04		
15	16QAM	1	74	22.02	22.07	22.12		
15	16QAM	36	0	20.70	20.75	20.79	22	2
15	16QAM	36	20	20.79	20.83	20.81		
15	16QAM	36	39	20.70	20.77	20.86		
15	16QAM	75	0	20.67	20.78	20.80		
15	64QAM	1	0	20.88	20.94	20.87	22	2
15	64QAM	1	37	20.89	20.90	21.01		
15	64QAM	1	74	20.85	20.98	21.02		
15	64QAM	36	0	19.72	19.79	19.80	21	3
15	64QAM	36	20	19.84	19.86	19.90		
15	64QAM	36	39	19.76	19.83	19.92		
15	64QAM	75	0	19.65	19.78	19.83		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.60	22.66	22.66	24	0
10	QPSK	1	25	22.59	22.65	22.68		
10	QPSK	1	49	22.63	22.74	22.74		
10	QPSK	25	0	21.74	21.81	21.71	23	1
10	QPSK	25	12	21.76	21.84	21.75		
10	QPSK	25	25	21.74	21.83	21.83		
10	QPSK	50	0	21.69	21.75	21.71		
10	16QAM	1	0	21.98	22.07	22.02	23	1
10	16QAM	1	25	21.99	22.05	22.05		
10	16QAM	1	49	22.01	22.12	22.11		
10	16QAM	25	0	20.74	20.82	20.76	22	2
10	16QAM	25	12	20.75	20.83	20.77		
10	16QAM	25	25	20.74	20.84	20.82		
10	16QAM	50	0	20.71	20.77	20.69		
10	64QAM	1	0	20.89	20.94	20.91	22	2
10	64QAM	1	25	20.97	21.03	20.99		
10	64QAM	1	49	20.92	21.00	21.05		
10	64QAM	25	0	19.77	19.84	19.75	21	3
10	64QAM	25	12	19.80	19.88	19.82		
10	64QAM	25	25	19.81	19.88	19.86		
10	64QAM	50	0	19.71	19.78	19.74		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.66	22.72	22.75	24	0
5	QPSK	1	12	22.63	22.76	22.71		
5	QPSK	1	24	22.68	22.75	22.71		
5	QPSK	12	0	21.71	21.80	21.78	23	1
5	QPSK	12	7	21.73	21.84	21.85		
5	QPSK	12	13	21.74	21.85	21.80		
5	QPSK	25	0	21.72	21.78	21.79		
5	16QAM	1	0	21.99	22.04	22.07	23	1
5	16QAM	1	12	21.98	22.05	22.08		
5	16QAM	1	24	21.98	22.09	22.04		
5	16QAM	12	0	20.71	20.84	20.87	22	2
5	16QAM	12	7	20.78	20.85	20.85		
5	16QAM	12	13	20.76	20.80	20.83		
5	16QAM	25	0	20.70	20.81	20.83		
5	64QAM	1	0	20.90	20.98	20.95	22	2
5	64QAM	1	12	20.85	20.99	20.99		
5	64QAM	1	24	20.90	20.99	21.01		
5	64QAM	12	0	19.80	19.89	19.88	21	3
5	64QAM	12	7	19.81	19.95	19.94		
5	64QAM	12	13	19.81	19.87	19.87		
5	64QAM	25	0	19.76	19.83	19.85		

Band 12 (700MHz Low Band)
Part 27F(only on channel required)_ANT 1(DSI2/DSI4/DSI7)

BW [MHz]	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	22.82	22.79	22.75	24	0
10	QPSK	1	25	22.86	22.80	22.77		
10	QPSK	1	49	22.84	22.79	22.77		
10	QPSK	25	0	21.74	21.65	21.61	23	1
10	QPSK	25	12	21.78	21.75	21.71		
10	QPSK	25	25	21.71	21.66	21.59		
10	QPSK	50	0	21.68	21.65	21.62		
10	16QAM	1	0	22.08	22.00	21.96	23	1
10	16QAM	1	25	22.02	21.95	21.95		
10	16QAM	1	49	22.07	22.06	22.02		
10	16QAM	25	0	20.71	20.65	20.62	22	2
10	16QAM	25	12	20.76	20.70	20.74		
10	16QAM	25	25	20.73	20.58	20.60		
10	16QAM	50	0	20.69	20.62	20.67		
10	64QAM	1	0	20.96	20.91	20.87	22	2
10	64QAM	1	25	20.95	20.94	20.87		
10	64QAM	1	49	20.91	20.86	20.76		
10	64QAM	25	0	19.73	19.69	19.64	21	3
10	64QAM	25	12	19.77	19.73	19.78		
10	64QAM	25	25	19.73	19.67	19.64		
10	64QAM	50	0	19.72	19.68	19.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.81	22.77	22.72	24	0
5	QPSK	1	12	22.84	22.83	22.76		
5	QPSK	1	24	22.83	22.77	22.72		
5	QPSK	12	0	21.77	21.71	21.61	23	1
5	QPSK	12	7	21.76	21.65	21.65		
5	QPSK	12	13	21.73	21.62	21.61		
5	QPSK	25	0	21.75	21.61	21.62		
5	16QAM	1	0	22.04	21.90	21.91	23	1
5	16QAM	1	12	21.98	21.89	21.87		
5	16QAM	1	24	21.95	21.83	21.89		
5	16QAM	12	0	20.82	20.66	20.63	22	2
5	16QAM	12	7	20.81	20.66	20.69		
5	16QAM	12	13	20.75	20.66	20.64		
5	16QAM	25	0	20.78	20.62	20.61		
5	64QAM	1	0	20.91	20.82	20.75	22	2
5	64QAM	1	12	20.90	20.84	20.78		
5	64QAM	1	24	20.88	20.73	20.77		
5	64QAM	12	0	19.82	19.75	19.70	21	3
5	64QAM	12	7	19.84	19.70	19.70		
5	64QAM	12	13	19.79	19.68	19.65		
5	64QAM	25	0	19.75	19.65	19.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.83	22.72	22.63	24	0
3	QPSK	1	8	22.84	22.78	22.62		
3	QPSK	1	14	22.74	22.62	22.58		
3	QPSK	8	0	21.72	21.62	21.48	23	1
3	QPSK	8	4	21.74	21.64	21.55		
3	QPSK	8	7	21.69	21.56	21.53		
3	QPSK	15	0	21.72	21.57	21.51		
3	16QAM	1	0	22.02	21.89	21.83	23	1
3	16QAM	1	8	22.02	21.90	21.88		
3	16QAM	1	14	21.93	21.82	21.73		
3	16QAM	8	0	20.78	20.67	20.59	22	2
3	16QAM	8	4	20.82	20.71	20.62		
3	16QAM	8	7	20.75	20.66	20.59		
3	16QAM	15	0	20.75	20.58	20.58		
3	64QAM	1	0	20.93	20.83	20.68	22	2
3	64QAM	1	8	20.97	20.83	20.74		
3	64QAM	1	14	20.86	20.74	20.69		
3	64QAM	8	0	19.81	19.69	19.57	21	3
3	64QAM	8	4	19.82	19.70	19.61		
3	64QAM	8	7	19.77	19.65	19.58		
3	64QAM	15	0	19.77	19.59	19.59		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.69	22.51	24	0
1.4	QPSK	1	3	22.81	22.70	22.56		
1.4	QPSK	1	5	22.78	22.63	22.55		
1.4	QPSK	3	0	22.80	22.68	22.56		
1.4	QPSK	3	1	22.84	22.73	22.61		
1.4	QPSK	3	3	22.85	22.71	22.60		
1.4	QPSK	6	0	21.75	21.58	21.46	23	1
1.4	16QAM	1	0	21.96	21.82	21.74	23	1
1.4	16QAM	1	3	22.00	21.88	21.79		
1.4	16QAM	1	5	21.91	21.85	21.69		
1.4	16QAM	3	0	21.75	21.62	21.53		
1.4	16QAM	3	1	21.77	21.65	21.55		
1.4	16QAM	3	3	21.73	21.63	21.52		
1.4	16QAM	6	0	20.77	20.69	20.56	22	2
1.4	64QAM	1	0	20.86	20.76	20.59	22	2
1.4	64QAM	1	3	20.95	20.80	20.70		
1.4	64QAM	1	5	20.85	20.78	20.61		
1.4	64QAM	3	0	20.84	20.72	20.60		
1.4	64QAM	3	1	20.89	20.78	20.66		
1.4	64QAM	3	3	20.83	20.73	20.65		
1.4	64QAM	6	0	19.67	19.58	19.48	21	3

Band 13(700MHz Band)
Part 27F_ANT 1(DSI2/DSI4/DSI7)

BW [MHz]	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		22.75			
10	QPSK	1	49		22.73			
10	QPSK	25	0		21.75		23	1
10	QPSK	25	12		21.87			
10	QPSK	25	25		21.84			
10	QPSK	50	0		21.74			
10	16QAM	1	0		21.99		23	1
10	16QAM	1	25		22.13			
10	16QAM	1	49		22.15			
10	16QAM	25	0		20.78		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.73			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		21.03			
10	64QAM	1	49		21.11			
10	64QAM	25	0		19.81		21	3
10	64QAM	25	12		19.84			
10	64QAM	25	25		19.88			
10	64QAM	50	0		19.76			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.58	22.61	22.63	24	0
5	QPSK	1	12	22.69	22.69	22.69		
5	QPSK	1	24	22.67	22.68	22.69		
5	QPSK	12	0	21.68	21.73	21.71	23	1
5	QPSK	12	7	21.79	21.86	21.85		
5	QPSK	12	13	21.81	21.82	21.84		
5	QPSK	25	0	21.76	21.74	21.80		
5	16QAM	1	0	21.89	21.98	22.00	23	1
5	16QAM	1	12	22.03	22.04	22.06		
5	16QAM	1	24	22.11	22.07	22.08		
5	16QAM	12	0	20.71	20.74	20.73	22	2
5	16QAM	12	7	20.83	20.85	20.86		
5	16QAM	12	13	20.83	20.84	20.84		
5	16QAM	25	0	20.80	20.73	20.76		
5	64QAM	1	0	20.84	20.90	20.88	22	2
5	64QAM	1	12	20.92	20.92	20.93		
5	64QAM	1	24	20.99	20.97	21.02		
5	64QAM	12	0	19.74	19.78	19.80	21	3
5	64QAM	12	7	19.89	19.89	19.90		
5	64QAM	12	13	19.88	19.90	19.89		
5	64QAM	25	0	19.78	19.77	19.79		

Band 17 (700MHz Band)
Part 27H(only on channel required)_ANT 1(DSI2/DSI4/DSI7)

BW [MHz]	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	22.70	22.75	22.67	24	0
10	QPSK	1	25	22.76	22.78	22.73		
10	QPSK	1	49	22.71	22.74	22.67		
10	QPSK	25	0	21.63	21.65	21.59	23	1
10	QPSK	25	12	21.64	21.70	21.63		
10	QPSK	25	25	21.61	21.67	21.58		
10	QPSK	50	0	21.63	21.65	21.61		
10	16QAM	1	0	21.91	21.83	21.88	23	1
10	16QAM	1	25	21.94	21.90	21.93		
10	16QAM	1	49	21.98	22.01	21.98		
10	16QAM	25	0	20.62	20.58	20.60	22	2
10	16QAM	25	12	20.69	20.68	20.68		
10	16QAM	25	25	20.67	20.70	20.72		
10	16QAM	50	0	20.67	20.65	20.66		
10	64QAM	1	0	20.75	20.74	20.74	22	2
10	64QAM	1	25	20.91	20.84	20.84		
10	64QAM	1	49	20.76	20.78	20.76		
10	64QAM	25	0	19.64	19.65	19.61	21	3
10	64QAM	25	12	19.71	19.71	19.69		
10	64QAM	25	25	19.70	19.70	19.69		
10	64QAM	50	0	19.70	19.68	19.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.69	22.68	22.66	24	0
5	QPSK	1	12	22.74	22.76	22.72		
5	QPSK	1	24	22.71	22.67	22.66		
5	QPSK	12	0	21.67	21.63	21.59	23	1
5	QPSK	12	7	21.71	21.69	21.65		
5	QPSK	12	13	21.70	21.60	21.61		
5	QPSK	25	0	21.68	21.60	21.61		
5	16QAM	1	0	21.86	21.81	21.77	23	1
5	16QAM	1	12	21.90	21.90	21.82		
5	16QAM	1	24	21.88	21.83	21.78		
5	16QAM	12	0	20.70	20.66	20.61	22	2
5	16QAM	12	7	20.71	20.70	20.66		
5	16QAM	12	13	20.70	20.63	20.62		
5	16QAM	25	0	20.67	20.60	20.61		
5	64QAM	1	0	20.82	20.72	20.72	22	2
5	64QAM	1	12	20.80	20.76	20.72		
5	64QAM	1	24	20.78	20.73	20.77		
5	64QAM	12	0	19.70	19.73	19.66	21	3
5	64QAM	12	7	19.76	19.73	19.69		
5	64QAM	12	13	19.74	19.67	19.64		
5	64QAM	25	0	19.70	19.62	19.63		

Band 26
(only on channel required)_ANT 1(DSI2/DSI4/DSI7)

BW [MHz]	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	22.49	22.65	22.43	24	0
15	QPSK	1	37	22.56	22.73	22.52		
15	QPSK	1	74	22.44	22.58	22.43		
15	QPSK	36	0	21.51	21.68	21.45	23	1
15	QPSK	36	20	21.62	21.71	21.58		
15	QPSK	36	39	21.47	21.58	21.41		
15	QPSK	75	0	21.49	21.61	21.45		
15	16QAM	1	0	21.82	22.14	21.82	23	1
15	16QAM	1	37	21.72	21.98	21.87		
15	16QAM	1	74	21.75	21.87	21.73		
15	16QAM	36	0	20.46	20.71	20.48	22	2
15	16QAM	36	20	20.53	20.66	20.62		
15	16QAM	36	39	20.47	20.57	20.53		
15	16QAM	75	0	20.52	20.62	20.51		
15	64QAM	1	0	20.72	21.02	20.65	22	2
15	64QAM	1	37	20.67	20.87	20.80		
15	64QAM	1	74	20.63	20.73	20.66		
15	64QAM	36	0	19.54	19.74	19.50	21	3
15	64QAM	36	20	19.62	19.70	19.69		
15	64QAM	36	39	19.53	19.63	19.59		
15	64QAM	75	0	19.50	19.62	19.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.49	22.71	22.48	24	0
10	QPSK	1	25	22.39	22.67	22.47		
10	QPSK	1	49	22.48	22.63	22.43		
10	QPSK	25	0	21.46	21.73	21.41	23	1
10	QPSK	25	12	21.55	21.73	21.54		
10	QPSK	25	25	21.47	21.62	21.51		
10	QPSK	50	0	21.47	21.64	21.44		
10	16QAM	1	0	21.89	22.18	21.90	23	1
10	16QAM	1	25	21.77	22.08	21.84		
10	16QAM	1	49	21.79	22.04	21.78		
10	16QAM	25	0	20.44	20.72	20.44	22	2
10	16QAM	25	12	20.53	20.74	20.49		
10	16QAM	25	25	20.46	20.65	20.48		
10	16QAM	50	0	20.45	20.66	20.42		
10	64QAM	1	0	20.76	21.03	20.72	22	2
10	64QAM	1	25	20.72	20.99	20.77		
10	64QAM	1	49	20.69	20.86	20.70		
10	64QAM	25	0	19.47	19.74	19.45	21	3
10	64QAM	25	12	19.58	19.79	19.57		
10	64QAM	25	25	19.50	19.68	19.54		
10	64QAM	50	0	19.48	19.70	19.47		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.45	22.61	22.50	24	0
5	QPSK	1	12	22.43	22.69	22.46		
5	QPSK	1	24	22.45	22.64	22.44		
5	QPSK	12	0	21.51	21.88	21.55	23	1
5	QPSK	12	7	21.57	21.91	21.58		
5	QPSK	12	13	21.55	21.85	21.51		
5	QPSK	25	0	21.51	21.85	21.53		
5	16QAM	1	0	21.80	22.03	21.89	23	1
5	16QAM	1	12	21.78	22.14	21.79		
5	16QAM	1	24	21.78	22.06	21.72		
5	16QAM	12	0	20.53	20.86	20.53	22	2
5	16QAM	12	7	20.57	20.90	20.59		
5	16QAM	12	13	20.53	20.87	20.53		
5	16QAM	25	0	20.54	20.85	20.53		
5	64QAM	1	0	20.77	21.00	20.74	22	2
5	64QAM	1	12	20.71	21.03	20.71		
5	64QAM	1	24	20.69	20.95	20.67		
5	64QAM	12	0	19.56	19.91	19.60	21	3
5	64QAM	12	7	19.63	19.96	19.65		
5	64QAM	12	13	19.57	19.92	19.57		
5	64QAM	25	0	19.55	19.88	19.56		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.46	22.71	22.45	24	0
3	QPSK	1	8	22.51	22.72	22.48		
3	QPSK	1	14	22.45	22.61	22.40		
3	QPSK	8	0	21.52	21.87	21.50	23	1
3	QPSK	8	4	21.56	21.88	21.54		
3	QPSK	8	7	21.51	21.85	21.48		
3	QPSK	15	0	21.51	21.84	21.55		
3	16QAM	1	0	21.78	22.14	21.80	23	1
3	16QAM	1	8	21.83	22.16	21.86		
3	16QAM	1	14	21.82	22.12	21.77		
3	16QAM	8	0	20.58	20.90	20.56	22	2
3	16QAM	8	4	20.61	20.95	20.59		
3	16QAM	8	7	20.58	20.91	20.55		
3	16QAM	15	0	20.57	20.91	20.53		
3	64QAM	1	0	20.72	21.02	20.70	22	2
3	64QAM	1	8	20.76	21.06	20.72		
3	64QAM	1	14	20.76	21.01	20.73		
3	64QAM	8	0	19.56	19.90	19.57	21	3
3	64QAM	8	4	19.62	19.93	19.61		
3	64QAM	8	7	19.58	19.93	19.57		
3	64QAM	15	0	19.58	19.93	19.55		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.35	22.71	22.36	24	0
1.4	QPSK	1	3	22.42	22.72	22.41		
1.4	QPSK	1	5	22.35	22.69	22.33		
1.4	QPSK	3	0	22.40	22.61	22.37		
1.4	QPSK	3	1	22.45	22.71	22.40		
1.4	QPSK	3	3	22.39	22.69	22.36		
1.4	QPSK	6	0	21.47	21.86	21.43	23	1
1.4	16QAM	1	0	21.71	22.07	21.66	23	1
1.4	16QAM	1	3	21.78	22.12	21.76		
1.4	16QAM	1	5	21.74	22.09	21.72		
1.4	16QAM	3	0	21.51	21.90	21.47		
1.4	16QAM	3	1	21.54	21.95	21.50		
1.4	16QAM	3	3	21.50	21.92	21.48		
1.4	16QAM	6	0	20.55	20.92	20.51	22	2
1.4	64QAM	1	0	20.64	20.98	20.63	22	2
1.4	64QAM	1	3	20.68	21.04	20.65		
1.4	64QAM	1	5	20.63	20.99	20.58		
1.4	64QAM	3	0	20.59	20.95	20.57		
1.4	64QAM	3	1	20.66	21.00	20.61		
1.4	64QAM	3	3	20.58	20.97	20.56		
1.4	64QAM	6	0	19.46	19.88	19.46	21	3

Band 66_ANT 1(DSI2/DSI4)

BW [MHz]	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	22.49	22.61	22.59	24	0
20	QPSK	1	49	22.56	22.68	22.62		
20	QPSK	1	99	22.40	22.48	22.43		
20	QPSK	50	0	21.61	21.76	21.67	23	1
20	QPSK	50	24	21.78	21.86	21.81		
20	QPSK	50	50	21.62	21.73	21.70		
20	QPSK	100	0	21.61	21.77	21.73		
20	16QAM	1	0	21.82	21.86	21.84	23	1
20	16QAM	1	49	22.12	22.06	21.95		
20	16QAM	1	99	21.88	21.63	21.90		
20	16QAM	50	0	20.78	20.79	20.67	22	2
20	16QAM	50	24	20.85	20.87	20.76		
20	16QAM	50	50	20.75	20.75	20.62		
20	16QAM	100	0	20.78	20.77	20.60		
20	64QAM	1	0	20.75	20.67	20.84	22	2
20	64QAM	1	49	20.97	20.84	20.79		
20	64QAM	1	99	20.65	20.60	20.72		
20	64QAM	50	0	19.80	19.79	19.70	21	3
20	64QAM	50	24	19.90	19.88	19.79		
20	64QAM	50	50	19.75	19.74	19.64		
20	64QAM	100	0	19.82	19.80	19.61		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.46	22.50	22.50	24	0
15	QPSK	1	37	22.52	22.53	22.37		
15	QPSK	1	74	22.37	22.45	22.31		
15	QPSK	36	0	21.71	21.62	21.49	23	1
15	QPSK	36	20	21.67	21.64	21.56		
15	QPSK	36	39	21.58	21.58	21.47		
15	QPSK	75	0	21.63	21.69	21.44		
15	16QAM	1	0	21.81	21.88	21.73	23	1
15	16QAM	1	37	21.94	21.88	21.77		
15	16QAM	1	74	21.83	21.57	21.76		
15	16QAM	36	0	20.71	20.65	20.51	22	2
15	16QAM	36	20	20.69	20.69	20.58		
15	16QAM	36	39	20.62	20.58	20.49		
15	16QAM	75	0	20.66	20.66	20.47		
15	64QAM	1	0	20.83	20.65	20.68	22	2
15	64QAM	1	37	20.87	20.86	20.65		
15	64QAM	1	74	20.68	20.53	20.52		
15	64QAM	36	0	19.74	19.70	19.58	21	3
15	64QAM	36	20	19.72	19.74	19.61		
15	64QAM	36	39	19.64	19.62	19.50		
15	64QAM	75	0	19.69	19.64	19.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.42	22.32	22.23	24	0
10	QPSK	1	25	22.61	22.60	22.39		
10	QPSK	1	49	22.32	22.23	22.24		
10	QPSK	25	0	21.68	21.55	21.38	23	1
10	QPSK	25	12	21.70	21.69	21.42		
10	QPSK	25	25	21.61	21.58	21.39		
10	QPSK	50	0	21.67	21.61	21.35		
10	16QAM	1	0	21.73	21.70	21.47	23	1
10	16QAM	1	25	21.94	21.95	21.76		
10	16QAM	1	49	21.68	21.65	21.50		
10	16QAM	25	0	20.71	20.59	20.43	22	2
10	16QAM	25	12	20.74	20.72	20.44		
10	16QAM	25	25	20.64	20.61	20.40		
10	16QAM	50	0	20.66	20.62	20.38		
10	64QAM	1	0	20.62	20.46	20.38	22	2
10	64QAM	1	25	20.85	20.78	20.68		
10	64QAM	1	49	20.58	20.57	20.42		
10	64QAM	25	0	19.68	19.61	19.40	21	3
10	64QAM	25	12	19.79	19.74	19.50		
10	64QAM	25	25	19.63	19.63	19.43		
10	64QAM	50	0	19.68	19.65	19.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.57	22.54	22.40	24	0
5	QPSK	1	12	22.59	22.58	22.36		
5	QPSK	1	24	22.47	22.51	22.28		
5	QPSK	12	0	21.72	21.69	21.50	23	1
5	QPSK	12	7	21.73	21.72	21.50		
5	QPSK	12	13	21.68	21.65	21.44		
5	QPSK	25	0	21.70	21.64	21.44		
5	16QAM	1	0	21.92	21.87	21.74	23	1
5	16QAM	1	12	21.89	21.90	21.66		
5	16QAM	1	24	21.83	21.84	21.62		
5	16QAM	12	0	20.78	20.67	20.52	22	2
5	16QAM	12	7	20.78	20.74	20.51		
5	16QAM	12	13	20.70	20.66	20.45		
5	16QAM	25	0	20.73	20.68	20.45		
5	64QAM	1	0	20.87	20.76	20.66	22	2
5	64QAM	1	12	20.80	20.79	20.49		
5	64QAM	1	24	20.69	20.74	20.38		
5	64QAM	12	0	19.82	19.72	19.58	21	3
5	64QAM	12	7	19.84	19.79	19.55		
5	64QAM	12	13	19.74	19.69	19.48		
5	64QAM	25	0	19.73	19.69	19.49		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.58	22.60	22.42	24	0
3	QPSK	1	8	22.59	22.59	22.38		
3	QPSK	1	14	22.52	22.53	22.29		
3	QPSK	8	0	21.75	21.66	21.50	23	1
3	QPSK	8	4	21.75	21.71	21.46		
3	QPSK	8	7	21.71	21.61	21.44		
3	QPSK	15	0	21.74	21.68	21.43		
3	16QAM	1	0	21.95	21.83	21.67	23	1
3	16QAM	1	8	21.86	21.84	21.61		
3	16QAM	1	14	21.86	21.80	21.60		
3	16QAM	8	0	20.81	20.72	20.55	22	2
3	16QAM	8	4	20.83	20.78	20.53		
3	16QAM	8	7	20.74	20.70	20.47		
3	16QAM	15	0	20.75	20.71	20.49		
3	64QAM	1	0	20.87	20.81	20.66	22	2
3	64QAM	1	8	20.90	20.90	20.59		
3	64QAM	1	14	20.80	20.78	20.48		
3	64QAM	8	0	19.86	19.72	19.58	21	3
3	64QAM	8	4	19.83	19.76	19.57		
3	64QAM	8	7	19.75	19.73	19.50		
3	64QAM	15	0	19.77	19.70	19.51		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.46	22.50	22.29	24	0
1.4	QPSK	1	3	22.51	22.57	22.35		
1.4	QPSK	1	5	22.56	22.48	22.26		
1.4	QPSK	3	0	22.56	22.57	22.33		
1.4	QPSK	3	1	22.59	22.56	22.37		
1.4	QPSK	3	3	22.58	22.54	22.36		
1.4	QPSK	6	0	21.64	21.63	21.38	23	1
1.4	16QAM	1	0	21.87	21.83	21.60	23	1
1.4	16QAM	1	3	21.91	21.91	21.65		
1.4	16QAM	1	5	21.81	21.73	21.53		
1.4	16QAM	3	0	21.68	21.66	21.42		
1.4	16QAM	3	1	21.68	21.70	21.45		
1.4	16QAM	3	3	21.67	21.64	21.44		
1.4	16QAM	6	0	20.73	20.70	20.49	22	2
1.4	64QAM	1	0	20.77	20.79	20.53	22	2
1.4	64QAM	1	3	20.82	20.79	20.59		
1.4	64QAM	1	5	20.71	20.75	20.49		
1.4	64QAM	3	0	20.77	20.77	20.52		
1.4	64QAM	3	1	20.83	20.79	20.55		
1.4	64QAM	3	3	20.74	20.70	20.50		
1.4	64QAM	6	0	19.67	19.67	19.39	21	3

Band 7_ANT 2(DSI4)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.97	20.93	21.03	22	0
20	QPSK	1	49	20.96	20.97	21.07		
20	QPSK	1	99	20.97	21.05	21.13		
20	QPSK	50	0	18.31	18.35	18.38	19.5	2.5
20	QPSK	50	24	18.36	18.44	18.45		
20	QPSK	50	50	18.32	18.38	18.41		
20	QPSK	100	0	18.29	18.36	18.41		
20	16QAM	1	0	18.64	18.61	18.65	19.5	2.5
20	16QAM	1	49	18.63	18.62	18.69		
20	16QAM	1	99	18.61	18.70	18.83		
20	16QAM	50	0	17.31	17.37	17.39	18.5	3.5
20	16QAM	50	24	17.37	17.47	17.47		
20	16QAM	50	50	17.34	17.43	17.44		
20	16QAM	100	0	17.25	17.38	17.38		
20	64QAM	1	0	17.54	17.45	17.54	18.5	3.5
20	64QAM	1	49	17.55	17.53	17.57		
20	64QAM	1	99	17.53	17.65	17.65		
20	64QAM	50	0	16.32	16.39	16.40	17.5	4.5
20	64QAM	50	24	16.41	16.49	16.49		
20	64QAM	50	50	16.35	16.42	16.45		
20	64QAM	100	0	16.32	16.40	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.94	20.94	20.97	22	0
15	QPSK	1	37	20.97	20.92	21.01		
15	QPSK	1	74	20.94	21.00	21.08		
15	QPSK	36	0	18.30	18.39	18.36	19.5	2.5
15	QPSK	36	20	18.40	18.40	18.43		
15	QPSK	36	39	18.28	18.38	18.47		
15	QPSK	75	0	18.28	18.36	18.36		
15	16QAM	1	0	18.59	18.52	18.56	19.5	2.5
15	16QAM	1	37	18.52	18.56	18.64		
15	16QAM	1	74	18.54	18.62	18.75		
15	16QAM	36	0	17.29	17.36	17.34	18.5	3.5
15	16QAM	36	20	17.40	17.39	17.39		
15	16QAM	36	39	17.33	17.39	17.46		
15	16QAM	75	0	17.25	17.35	17.40		
15	64QAM	1	0	17.48	17.46	17.46	18.5	3.5
15	64QAM	1	37	17.44	17.48	17.61		
15	64QAM	1	74	17.38	17.52	17.59		
15	64QAM	36	0	16.34	16.38	16.39	17.5	4.5
15	64QAM	36	20	16.43	16.47	16.46		
15	64QAM	36	39	16.34	16.42	16.49		
15	64QAM	75	0	16.27	16.38	16.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.91	20.94	20.97	22	0
10	QPSK	1	25	20.88	20.94	21.01		
10	QPSK	1	49	20.94	21.01	21.08		
10	QPSK	25	0	18.36	18.38	18.36	19.5	2.5
10	QPSK	25	12	18.35	18.41	18.40		
10	QPSK	25	25	18.34	18.39	18.48		
10	QPSK	50	0	18.29	18.32	18.34		
10	16QAM	1	0	18.56	18.62	18.67	19.5	2.5
10	16QAM	1	25	18.56	18.61	18.76		
10	16QAM	1	49	18.58	18.67	18.71		
10	16QAM	25	0	17.34	17.37	17.36	18.5	3.5
10	16QAM	25	12	17.38	17.42	17.41		
10	16QAM	25	25	17.34	17.41	17.46		
10	16QAM	50	0	17.27	17.35	17.31		
10	64QAM	1	0	17.44	17.53	17.53	18.5	3.5
10	64QAM	1	25	17.52	17.57	17.59		
10	64QAM	1	49	17.50	17.65	17.66		
10	64QAM	25	0	16.37	16.42	16.39	17.5	4.5
10	64QAM	25	12	16.41	16.46	16.46		
10	64QAM	25	25	16.38	16.46	16.49		
10	64QAM	50	0	16.31	16.36	16.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.93	20.99	21.03	22	0
5	QPSK	1	12	20.95	21.00	21.04		
5	QPSK	1	24	20.94	21.00	21.06		
5	QPSK	12	0	18.33	18.37	18.46	19.5	2.5
5	QPSK	12	7	18.36	18.43	18.49		
5	QPSK	12	13	18.34	18.34	18.43		
5	QPSK	25	0	18.29	18.36	18.44		
5	16QAM	1	0	18.55	18.65	18.69	19.5	2.5
5	16QAM	1	12	18.53	18.62	18.64		
5	16QAM	1	24	18.55	18.69	18.70		
5	16QAM	12	0	17.28	17.39	17.48	18.5	3.5
5	16QAM	12	7	17.38	17.46	17.53		
5	16QAM	12	13	17.35	17.42	17.47		
5	16QAM	25	0	17.31	17.41	17.49		
5	64QAM	1	0	17.51	17.55	17.65	18.5	3.5
5	64QAM	1	12	17.47	17.52	17.59		
5	64QAM	1	24	17.49	17.58	17.61		
5	64QAM	12	0	16.34	16.45	16.50	17.5	4.5
5	64QAM	12	7	16.44	16.49	16.56		
5	64QAM	12	13	16.36	16.44	16.49		
5	64QAM	25	0	16.33	16.43	16.48		

Band 38(only on channel required)_ANT 1(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.81	22.68	22.69	24	0
20	QPSK	1	49	22.84	22.66	22.76		
20	QPSK	1	99	22.83	22.64	22.74		
20	QPSK	50	0	21.84	21.63	21.75	23	1
20	QPSK	50	24	22.02	21.83	21.89		
20	QPSK	50	50	21.94	21.72	21.76		
20	QPSK	100	0	21.93	21.71	21.74		
20	16QAM	1	0	22.16	21.83	21.86	23	1
20	16QAM	1	49	22.01	21.78	21.84		
20	16QAM	1	99	21.95	21.81	21.78		
20	16QAM	50	0	20.84	20.73	20.64	22	2
20	16QAM	50	24	21.07	20.83	20.74		
20	16QAM	50	50	20.90	20.62	20.73		
20	16QAM	100	0	20.99	20.66	20.66		
20	64QAM	1	0	20.83	20.48	20.66	22	2
20	64QAM	1	49	20.84	20.57	20.61		
20	64QAM	1	99	20.71	20.48	20.70		
20	64QAM	50	0	19.90	19.62	19.67	21	3
20	64QAM	50	24	20.04	19.85	19.76		
20	64QAM	50	50	19.92	19.83	19.75		
20	64QAM	100	0	19.99	19.74	19.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.82	22.63	22.82	24	0
15	QPSK	1	37	22.81	22.77	22.82		
15	QPSK	1	74	22.78	22.69	22.72		
15	QPSK	36	0	21.93	21.67	21.68	23	1
15	QPSK	36	20	22.08	21.79	21.73		
15	QPSK	36	39	21.95	21.79	21.84		
15	QPSK	75	0	22.01	21.77	21.61		
15	16QAM	1	0	22.03	21.83	22.04	23	1
15	16QAM	1	37	21.82	21.81	21.89		
15	16QAM	1	74	22.16	21.80	21.95		
15	16QAM	36	0	20.91	20.57	20.72	22	2
15	16QAM	36	20	21.02	20.81	20.85		
15	16QAM	36	39	20.97	20.65	20.73		
15	16QAM	75	0	20.93	20.74	20.70		
15	64QAM	1	0	20.77	20.55	20.47	22	2
15	64QAM	1	37	20.76	20.45	20.60		
15	64QAM	1	74	20.73	20.67	20.64		
15	64QAM	36	0	19.94	19.67	19.73	21	3
15	64QAM	36	20	20.07	19.71	19.81		
15	64QAM	36	39	19.90	19.74	19.80		
15	64QAM	75	0	19.93	19.78	19.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.67	22.56	22.74	24	0
10	QPSK	1	25	22.82	22.72	22.68		
10	QPSK	1	49	22.71	22.78	22.75		
10	QPSK	25	0	21.98	21.60	21.68	23	1
10	QPSK	25	12	22.02	21.77	21.83		
10	QPSK	25	25	22.00	21.73	21.81		
10	QPSK	50	0	21.95	21.72	21.81		
10	16QAM	1	0	21.87	21.83	22.03	23	1
10	16QAM	1	25	22.13	21.82	21.79		
10	16QAM	1	49	21.82	21.66	21.91		
10	16QAM	25	0	20.87	20.64	20.70	22	2
10	16QAM	25	12	21.10	20.84	20.73		
10	16QAM	25	25	20.98	20.60	20.79		
10	16QAM	50	0	20.98	20.79	20.80		
10	64QAM	1	0	20.44	20.53	20.52	22	2
10	64QAM	1	25	20.89	20.46	20.70		
10	64QAM	1	49	20.39	20.43	20.70		
10	64QAM	25	0	20.01	19.64	19.85	21	3
10	64QAM	25	12	20.01	19.86	19.80		
10	64QAM	25	25	19.94	19.72	19.96		
10	64QAM	50	0	19.94	19.81	19.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.82	22.54	22.73	24	0
5	QPSK	1	12	22.82	22.57	22.71		
5	QPSK	1	24	22.82	22.65	22.69		
5	QPSK	12	0	22.00	21.63	21.83	23	1
5	QPSK	12	7	22.11	21.86	21.94		
5	QPSK	12	13	22.07	21.84	21.96		
5	QPSK	25	0	22.07	21.80	21.78		
5	16QAM	1	0	22.00	21.70	21.84	23	1
5	16QAM	1	12	22.18	22.16	21.86		
5	16QAM	1	24	22.13	21.80	21.88		
5	16QAM	12	0	20.95	20.65	20.85	22	2
5	16QAM	12	7	21.01	20.84	20.84		
5	16QAM	12	13	21.07	20.79	20.81		
5	16QAM	25	0	21.11	20.71	20.89		
5	64QAM	1	0	20.78	20.44	20.66	22	2
5	64QAM	1	12	20.81	20.48	20.65		
5	64QAM	1	24	20.71	20.50	20.58		
5	64QAM	12	0	20.10	19.76	19.85	21	3
5	64QAM	12	7	20.10	19.79	19.86		
5	64QAM	12	13	20.04	19.76	19.89		
5	64QAM	25	0	20.02	19.87	19.84		

Band 41 (2.6G Band)_ANT 1(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.85	22.86	22.45	22.50	22.47	24	0
20	QPSK	1	49	22.77	22.87	22.61	22.71	22.67		
20	QPSK	1	99	22.76	22.81	22.44	22.51	22.49		
20	QPSK	50	0	21.81	21.86	21.67	21.81	21.71	23	1
20	QPSK	50	24	22.02	22.04	21.81	21.86	21.83		
20	QPSK	50	50	21.89	21.91	21.71	21.76	21.73		
20	QPSK	100	0	21.87	22.10	21.74	21.79	21.77		
20	16QAM	1	0	21.93	21.96	21.54	21.55	21.54	23	1
20	16QAM	1	49	21.96	22.01	21.88	21.82	21.82		
20	16QAM	1	99	21.83	22.03	21.64	21.54	21.71		
20	16QAM	50	0	20.75	20.91	20.79	20.74	20.59	22	2
20	16QAM	50	24	21.08	20.99	20.90	20.86	20.88		
20	16QAM	50	50	20.93	20.89	20.86	20.65	20.74		
20	16QAM	100	0	20.94	21.03	20.86	20.71	20.74		
20	64QAM	1	0	20.71	20.71	20.36	20.45	20.28	22	2
20	64QAM	1	49	20.66	20.75	20.56	20.62	20.53		
20	64QAM	1	99	20.61	20.66	20.32	20.57	20.37		
20	64QAM	50	0	19.85	19.85	19.69	19.68	19.56	21	3
20	64QAM	50	24	20.05	20.04	19.87	19.89	19.84		
20	64QAM	50	50	19.93	19.96	19.85	19.72	19.83		
20	64QAM	100	0	19.92	20.01	19.86	19.80	19.74		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.70	22.66	22.52	22.54	22.31	24.00	0
15	QPSK	1	37	22.74	22.81	22.73	22.52	22.58		
15	QPSK	1	74	22.70	22.77	22.60	22.42	22.62		
15	QPSK	36	0	21.82	22.07	21.64	21.65	21.60	23	1
15	QPSK	36	20	21.91	21.96	21.79	21.64	21.65		
15	QPSK	36	39	21.88	21.90	21.76	21.59	21.74		
15	QPSK	75	0	21.89	21.92	21.80	21.62	21.64		
15	16QAM	1	0	21.89	21.79	21.57	21.64	21.44	23	1
15	16QAM	1	37	21.81	21.89	21.64	21.65	21.68		
15	16QAM	1	74	21.87	21.80	21.65	21.47	21.67		
15	16QAM	36	0	20.74	20.97	20.66	20.57	20.51	22	2
15	16QAM	36	20	20.77	20.96	20.79	20.56	20.57		
15	16QAM	36	39	20.81	20.89	20.72	20.62	20.65		
15	16QAM	75	0	20.83	20.91	20.74	20.69	20.63		
15	64QAM	1	0	20.56	20.59	20.19	20.37	20.23	22	2
15	64QAM	1	37	20.59	20.64	20.58	20.56	20.51		
15	64QAM	1	74	20.62	20.53	20.41	20.16	20.42		
15	64QAM	36	0	19.84	19.91	19.76	19.47	19.60	21	3
15	64QAM	36	20	19.96	19.95	19.85	19.65	19.54		
15	64QAM	36	39	19.89	19.88	19.81	19.65	19.68		
15	64QAM	75	0	19.80	19.97	19.73	19.66	19.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.79	22.52	22.47	22.38	22.37	24.00	0
10	QPSK	1	25	22.77	22.83	22.66	22.63	22.70		
10	QPSK	1	49	22.81	22.60	22.51	22.36	22.45		
10	QPSK	25	0	21.96	21.98	21.76	21.60	21.64	23	1
10	QPSK	25	12	21.87	22.03	21.87	21.60	21.77		
10	QPSK	25	25	21.84	21.90	21.76	21.70	21.62		
10	QPSK	50	0	21.78	21.96	21.82	21.57	21.47		
10	16QAM	1	0	21.84	21.70	21.56	21.49	21.42	23	1
10	16QAM	1	25	21.80	21.91	21.75	21.73	21.60		
10	16QAM	1	49	21.89	21.73	21.52	21.48	21.41		
10	16QAM	25	0	20.86	20.91	20.65	20.61	20.60	22	2
10	16QAM	25	12	20.87	21.05	20.83	20.63	20.70		
10	16QAM	25	25	20.75	20.98	20.75	20.66	20.60		
10	16QAM	50	0	20.82	21.02	20.77	20.71	20.54		
10	64QAM	1	0	20.46	20.44	20.09	20.09	20.12	22	2
10	64QAM	1	25	20.57	20.41	20.40	20.49	20.41		
10	64QAM	1	49	20.52	20.43	20.35	20.19	20.20		
10	64QAM	25	0	19.86	19.93	19.77	19.76	19.70	21	3
10	64QAM	25	12	19.92	20.07	19.86	19.65	19.61		
10	64QAM	25	25	19.86	20.02	19.77	19.70	19.70		
10	64QAM	50	0	19.78	19.99	19.83	19.62	19.62		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.78	22.81	22.64	22.60	22.57	24.00	0
5	QPSK	1	12	22.75	22.83	22.60	22.51	22.49		
5	QPSK	1	24	22.75	22.81	22.70	22.54	22.51		
5	QPSK	12	0	21.88	22.03	21.85	21.76	21.68	23	1
5	QPSK	12	7	21.86	21.99	21.76	21.72	21.68		
5	QPSK	12	13	21.90	22.05	21.74	21.69	21.63		
5	QPSK	25	0	21.91	22.01	21.86	21.76	21.69		
5	16QAM	1	0	21.88	22.00	21.78	21.77	21.67	23	1
5	16QAM	1	12	22.00	21.97	21.79	21.62	21.65		
5	16QAM	1	24	21.92	21.99	21.85	21.77	21.60		
5	16QAM	12	0	20.94	21.05	20.82	20.68	20.58	22	2
5	16QAM	12	7	20.88	20.95	20.75	20.63	20.66		
5	16QAM	12	13	20.80	20.95	20.84	20.66	20.60		
5	16QAM	25	0	20.89	21.06	20.83	20.68	20.67		
5	64QAM	1	0	20.67	20.78	20.54	20.60	20.42	22	2
5	64QAM	1	12	20.51	20.72	20.47	20.40	20.44		
5	64QAM	1	24	20.60	20.69	20.49	20.37	20.33		
5	64QAM	12	0	19.92	20.04	19.81	19.64	19.70	21	3
5	64QAM	12	7	19.92	20.05	19.93	19.71	19.73		
5	64QAM	12	13	19.94	20.04	19.89	19.74	19.68		
5	64QAM	25	0	19.88	20.04	19.88	19.72	19.72		

Band 42(3.5GHz Band)_ANT 4(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.49	23.27	23.31	24	0
20	QPSK	1	49	23.50	23.26	23.35		
20	QPSK	1	99	23.33	23.15	23.27		
20	QPSK	50	0	22.59	22.29	22.34	23	1
20	QPSK	50	24	22.60	22.33	22.39		
20	QPSK	50	50	22.44	22.29	22.37		
20	QPSK	100	0	22.49	22.37	22.43		
20	16QAM	1	0	22.57	22.36	22.43	23	1
20	16QAM	1	49	22.46	22.31	22.37		
20	16QAM	1	99	22.40	22.19	22.33		
20	16QAM	50	0	21.60	21.31	21.33	22	2
20	16QAM	50	24	21.61	21.38	21.44		
20	16QAM	50	50	21.49	21.33	21.39		
20	16QAM	100	0	21.58	21.34	21.41		
20	64QAM	1	0	21.29	21.04	21.12	22	2
20	64QAM	1	49	21.23	21.07	21.15		
20	64QAM	1	99	21.17	20.97	21.06		
20	64QAM	50	0	20.60	20.34	20.37	21	3
20	64QAM	50	24	20.59	20.37	20.46		
20	64QAM	50	50	20.48	20.30	20.43		
20	64QAM	100	0	20.53	20.39	20.41		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.20	23.23	24	0
15	QPSK	1	37	23.34	23.16	23.23		
15	QPSK	1	74	23.29	23.13	23.18		
15	QPSK	36	0	22.52	22.26	22.30	23	1
15	QPSK	36	20	22.55	22.36	22.38		
15	QPSK	36	39	22.46	22.27	22.37		
15	QPSK	75	0	22.54	22.35	22.29		
15	16QAM	1	0	22.57	22.36	22.44	23	1
15	16QAM	1	37	22.46	22.29	22.37		
15	16QAM	1	74	22.43	22.29	22.36		
15	16QAM	36	0	21.55	21.28	21.29	22	2
15	16QAM	36	20	21.48	21.27	21.30		
15	16QAM	36	39	21.45	21.26	21.36		
15	16QAM	75	0	21.50	21.32	21.31		
15	64QAM	1	0	21.27	21.06	21.06	22	2
15	64QAM	1	37	21.27	21.11	21.19		
15	64QAM	1	74	21.16	21.03	21.12		
15	64QAM	36	0	20.57	20.32	20.39	21	3
15	64QAM	36	20	20.54	20.38	20.36		
15	64QAM	36	39	20.46	20.28	20.40		
15	64QAM	75	0	20.53	20.32	20.33		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.37	23.16	23.22	24	0
10	QPSK	1	25	23.36	23.18	23.27		
10	QPSK	1	49	23.33	23.11	23.24		
10	QPSK	25	0	22.55	22.28	22.35	23	1
10	QPSK	25	12	22.58	22.33	22.41		
10	QPSK	25	25	22.52	22.28	22.38		
10	QPSK	50	0	22.56	22.34	22.42		
10	16QAM	1	0	22.59	22.33	22.44	23	1
10	16QAM	1	25	22.55	22.35	22.42		
10	16QAM	1	49	22.44	22.27	22.34		
10	16QAM	25	0	21.51	21.25	21.31	22	2
10	16QAM	25	12	21.56	21.37	21.47		
10	16QAM	25	25	21.50	21.27	21.41		
10	16QAM	50	0	21.61	21.36	21.47		
10	64QAM	1	0	21.32	21.04	21.11	22	2
10	64QAM	1	25	21.26	21.03	21.16		
10	64QAM	1	49	21.22	21.05	21.14		
10	64QAM	25	0	20.65	20.35	20.39	21	3
10	64QAM	25	12	20.67	20.41	20.48		
10	64QAM	25	25	20.63	20.37	20.50		
10	64QAM	50	0	20.60	20.37	20.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.47	23.28	23.30	24	0
5	QPSK	1	12	23.45	23.24	23.32		
5	QPSK	1	24	23.38	23.22	23.31		
5	QPSK	12	0	22.55	22.37	22.38	23	1
5	QPSK	12	7	22.58	22.34	22.44		
5	QPSK	12	13	22.56	22.34	22.32		
5	QPSK	25	0	22.51	22.29	22.34		
5	16QAM	1	0	22.62	22.37	22.39	23	1
5	16QAM	1	12	22.67	22.42	22.54		
5	16QAM	1	24	22.61	22.35	22.51		
5	16QAM	12	0	21.56	21.33	21.38	22	2
5	16QAM	12	7	21.60	21.35	21.36		
5	16QAM	12	13	21.53	21.31	21.35		
5	16QAM	25	0	21.61	21.34	21.37		
5	64QAM	1	0	21.36	21.11	21.14	22	2
5	64QAM	1	12	21.37	21.08	21.24		
5	64QAM	1	24	21.29	21.10	21.24		
5	64QAM	12	0	20.60	20.34	20.39	21	3
5	64QAM	12	7	20.59	20.38	20.42		
5	64QAM	12	13	20.59	20.31	20.45		
5	64QAM	25	0	20.65	20.39	20.44		

Reduced Power Mode for WWAN

DSI3/DSI7

GSM850_ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.19	32.08	31.94	33.00	23.19	23.08	22.94	24.00
GPRS 1 Tx slot	32.16	32.05	31.91	33.00	23.16	23.05	22.91	24.00
GPRS 2 Tx slots	29.50	29.27	29.01	30.00	23.50	23.27	23.01	24.00
GPRS 3 Tx slots	27.67	27.41	27.18	28.50	23.41	23.15	22.92	24.24
GPRS 4 Tx slots	26.23	25.92	25.67	27.00	23.23	22.92	22.67	24.00
EDGE 1 Tx slot	26.10	26.01	25.82	27.00	17.10	17.01	16.82	18.00
EDGE 2 Tx slots	25.94	25.98	25.75	26.50	19.94	19.98	19.75	20.50
EDGE 3 Tx slots	24.05	24.02	23.71	25.00	19.79	19.76	19.45	20.74
EDGE 4 Tx slots	22.99	22.92	22.81	24.00	19.99	19.92	19.81	21.00

DSI3/DSI7

GSM1900_ANT 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.80	26.11	25.72	27.00	16.80	17.11	16.72	18.00
GPRS 1 Tx slot	25.77	26.05	25.63	27.00	16.77	17.05	16.63	18.00
GPRS 2 Tx slots	22.78	22.95	22.80	24.50	16.78	16.95	16.80	18.50
GPRS 3 Tx slots	20.94	21.05	20.87	22.00	16.68	16.79	16.61	17.74
GPRS 4 Tx slots	19.40	19.64	19.65	20.50	16.40	16.64	16.65	17.50
EDGE 1 Tx slot	24.95	25.00	24.92	26.00	15.95	16.00	15.92	17.00
EDGE 2 Tx slots	22.40	22.42	22.33	23.50	16.40	16.42	16.33	17.50
EDGE 3 Tx slots	21.05	21.24	20.97	22.00	16.79	16.98	16.71	17.74
EDGE 4 Tx slots	19.40	19.66	19.30	20.50	16.40	16.66	16.30	17.50

DSI3/DSI7 **DSI3/DSI7**

Band		WCDMA II_ANT 1			Tune-up Limit (dBm)	WCDMA IV_ANT 1			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	16.47	16.69	16.58	17.50	15.48	15.57	15.49	16.50
3GPP Rel 99	RMC 12.2Kbps	16.66	16.73	16.74	17.50	15.52	15.59	15.51	16.50
3GPP Rel 6	HSDPA Subtest-1	15.30	15.40	15.33	16.50	14.48	14.52	14.44	15.50
3GPP Rel 6	HSDPA Subtest-2	15.32	15.38	15.32	16.50	14.63	14.71	14.59	15.50
3GPP Rel 6	HSDPA Subtest-3	14.70	14.78	14.76	16.00	13.86	13.95	13.80	15.00
3GPP Rel 6	HSDPA Subtest-4	14.66	14.80	14.68	16.00	13.93	14.00	13.91	15.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.26	15.36	15.26	16.50	14.44	14.49	14.37	15.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.23	15.30	15.27	16.50	14.58	14.66	14.57	15.50
3GPP Rel 8	DC-HSDPA Subtest-3	14.62	14.75	14.70	16.00	13.87	13.93	13.81	15.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.59	14.71	14.65	16.00	13.88	13.91	13.78	15.00
3GPP Rel 6	HSUPA Subtest-1	15.65	15.80	15.55	16.50	14.43	14.47	14.38	15.50
3GPP Rel 6	HSUPA Subtest-2	13.70	13.87	13.42	14.50	12.45	12.49	12.34	13.50
3GPP Rel 6	HSUPA Subtest-3	14.80	14.88	14.54	15.50	13.84	13.87	13.78	14.50
3GPP Rel 6	HSUPA Subtest-4	13.76	13.79	13.48	14.50	12.40	12.48	12.38	13.50
3GPP Rel 6	HSUPA Subtest-5	15.70	15.78	15.54	16.50	14.41	14.47	14.40	15.50

Band 2 (1900MHz Band)
Part 24E_ANT 1(DSI3/DSI7)

BW [MHz]	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	15.81	15.96	15.88		
20	QPSK	1	49	15.88	15.93	16.07	17	0
20	QPSK	1	99	15.67	15.79	15.54		
20	QPSK	50	0	15.89	15.83	16.03		
20	QPSK	50	24	15.89	15.99	16.04	17	0
20	QPSK	50	50	15.71	15.83	15.62		
20	QPSK	100	0	15.84	15.95	15.96		
20	16QAM	1	0	16.01	16.04	16.03		
20	16QAM	1	49	15.91	16.05	15.85	17	0
20	16QAM	1	99	15.95	16.01	15.86		
20	16QAM	50	0	15.86	15.96	15.85		
20	16QAM	50	24	15.89	16.02	15.84	17	0
20	16QAM	50	50	15.94	16.04	15.83		
20	16QAM	100	0	15.70	15.77	15.57		
20	64QAM	1	0	15.80	15.98	15.90		
20	64QAM	1	49	15.72	15.93	15.72	17	0
20	64QAM	1	99	15.69	15.90	15.59		
20	64QAM	50	0	15.66	15.89	15.68		
20	64QAM	50	24	15.73	15.86	15.67	17	0
20	64QAM	50	50	15.74	15.89	15.67		
20	64QAM	100	0	15.71	15.80	15.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.72	15.94	15.83		
15	QPSK	1	37	15.80	15.87	16.03	17	0
15	QPSK	1	74	15.60	15.71	15.50		
15	QPSK	36	0	15.81	15.93	15.97		
15	QPSK	36	20	15.68	15.80	15.61	17	0
15	QPSK	36	39	15.63	15.81	15.56		
15	QPSK	75	0	15.66	15.73	15.77		
15	16QAM	1	0	15.95	15.97	15.95		
15	16QAM	1	37	15.83	15.99	15.80	17	0
15	16QAM	1	74	15.93	15.99	15.78		
15	16QAM	36	0	15.78	15.94	15.81		
15	16QAM	36	20	15.81	15.93	15.78	17	0
15	16QAM	36	39	15.92	15.98	15.76		
15	16QAM	75	0	15.68	15.74	15.48		
15	64QAM	1	0	15.74	15.93	15.87		
15	64QAM	1	37	15.69	15.89	15.66	17	0
15	64QAM	1	74	15.61	15.86	15.50		
15	64QAM	36	0	15.59	15.87	15.63		
15	64QAM	36	20	15.67	15.84	15.60	17	0
15	64QAM	36	39	15.65	15.84	15.64		
15	64QAM	75	0	15.68	15.71	15.59		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.74	15.91	15.83		
10	QPSK	1	25	15.85	15.90	16.00	17	0
10	QPSK	1	49	15.65	15.76	15.45		
10	QPSK	25	0	15.80	15.97	15.98		
10	QPSK	25	12	15.66	15.74	15.60	17	0
10	QPSK	25	25	15.65	15.75	15.56		
10	QPSK	50	0	15.63	15.79	15.78		
10	16QAM	1	0	15.92	15.98	15.95		
10	16QAM	1	25	15.85	16.03	15.78	17	0
10	16QAM	1	49	15.88	15.99	15.78		
10	16QAM	25	0	15.81	15.93	15.83		
10	16QAM	25	12	15.83	15.94	15.82	17	0
10	16QAM	25	25	15.86	15.96	15.75		
10	16QAM	50	0	15.61	15.75	15.50		
10	64QAM	1	0	15.74	15.94	15.85		
10	64QAM	1	25	15.69	15.88	15.67	17	0
10	64QAM	1	49	15.62	15.83	15.55		
10	64QAM	25	0	15.59	15.83	15.62		
10	64QAM	25	12	15.67	15.82	15.65	17	0
10	64QAM	25	25	15.66	15.87	15.63		
10	64QAM	50	0	15.63	15.76	15.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.79	15.92	15.83		
5	QPSK	1	12	15.81	15.84	15.98	17	0
5	QPSK	1	24	15.65	15.75	15.45		
5	QPSK	12	0	15.87	15.93	15.96		
5	QPSK	12	7	15.63	15.78	15.55	17	0
5	QPSK	12	13	15.67	15.75	15.54		
5	QPSK	25	0	15.69	15.77	15.77		
5	16QAM	1	0	15.92	15.99	16.00		
5	16QAM	1	12	15.89	15.98	15.77	17	0
5	16QAM	1	24	15.87	15.97	15.79		
5	16QAM	12	0	15.78	15.89	15.76		
5	16QAM	12	7	15.87	15.99	15.78	17	0
5	16QAM	12	13	15.89	16.01	15.79		
5	16QAM	25	0	15.61	15.69	15.49		
5	64QAM	1	0	15.78	15.90	15.84		
5	64QAM	1	12	15.67	15.91	15.63	17	0
5	64QAM	1	24	15.62	15.81	15.53		
5	64QAM	12	0	15.57	15.85	15.61		
5	64QAM	12	7	15.71	15.82	15.61	17	0
5	64QAM	12	13	15.71	15.86	15.65		
5	64QAM	25	0	15.64	15.72	15.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.73	15.94	15.85		
3	QPSK	1	8	15.80	15.86	16.04	17	0
3	QPSK	1	14	15.63	15.71	15.45		
3	QPSK	8	0	15.86	15.97	16.01		
3	QPSK	8	4	15.68	15.74	15.60	17	0
3	QPSK	8	7	15.69	15.80	15.54		
3	QPSK	15	0	15.69	15.79	15.78		
3	16QAM	1	0	15.96	15.97	16.01		
3	16QAM	1	8	15.87	16.01	15.79	17	0
3	16QAM	1	14	15.93	15.96	15.79		
3	16QAM	8	0	15.83	15.88	15.80		
3	16QAM	8	4	15.87	16.00	15.77	17	0
3	16QAM	8	7	15.90	16.01	15.74		
3	16QAM	15	0	15.67	15.69	15.49		
3	64QAM	1	0	15.75	15.91	15.84		
3	64QAM	1	8	15.63	15.85	15.69	17	0
3	64QAM	1	14	15.67	15.83	15.55		
3	64QAM	8	0	15.57	15.81	15.60		
3	64QAM	8	4	15.71	15.78	15.65	17	0
3	64QAM	8	7	15.68	15.82	15.60		
3	64QAM	15	0	15.66	15.76	15.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.67	15.86	15.76		
1.4	QPSK	1	3	15.71	15.80	16.00		
1.4	QPSK	1	5	15.52	15.67	15.41	17	0
1.4	QPSK	3	0	15.78	15.89	15.91		
1.4	QPSK	3	1	15.64	15.77	15.56		
1.4	QPSK	3	3	15.54	15.79	15.54		
1.4	QPSK	6	0	15.61	15.69	15.73	17	0
1.4	16QAM	1	0	15.90	15.93	15.93		
1.4	16QAM	1	3	15.81	15.90	15.74		
1.4	16QAM	1	5	15.91	15.94	15.70	17	0
1.4	16QAM	3	0	15.69	15.85	15.74		
1.4	16QAM	3	1	15.72	15.87	15.71		
1.4	16QAM	3	3	15.88	15.92	15.67		
1.4	16QAM	6	0	15.65	15.67	15.45	17	0
1.4	64QAM	1	0	15.66	15.89	15.83		
1.4	64QAM	1	3	15.64	15.86	15.61		
1.4	64QAM	1	5	15.53	15.78	15.45	17	0
1.4	64QAM	3	0	15.53	15.78	15.59		
1.4	64QAM	3	1	15.59	15.82	15.58		
1.4	64QAM	3	3	15.58	15.81	15.61		
1.4	64QAM	6	0	15.65	15.66	15.57	17	0

Band 4 (AWS Band)
Part 27L (only on channel required)_ANT 1(DSI3/DSI7)

BW [MHz]	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	15.40	15.46	15.44		
20	QPSK	1	49	15.41	15.61	15.45	16.5	0
20	QPSK	1	99	15.28	15.23	15.08		
20	QPSK	50	0	15.47	15.56	15.49		
20	QPSK	50	24	15.49	15.50	15.47	16.5	0
20	QPSK	50	50	15.38	15.38	15.23		
20	QPSK	100	0	15.46	15.47	15.38		
20	16QAM	1	0	15.46	15.50	15.54		
20	16QAM	1	49	15.34	15.39	15.29	16.5	0
20	16QAM	1	99	15.37	15.31	15.18		
20	16QAM	50	0	15.49	15.60	15.57		
20	16QAM	50	24	15.48	15.51	15.46	16.5	0
20	16QAM	50	50	15.42	15.40	15.24		
20	16QAM	100	0	15.47	15.48	15.42		
20	64QAM	1	0	15.40	15.45	15.40		
20	64QAM	1	49	15.30	15.34	15.19	16.5	0
20	64QAM	1	99	15.34	15.16	15.10		
20	64QAM	50	0	15.25	15.34	15.35		
20	64QAM	50	24	15.27	15.30	15.25	16.5	0
20	64QAM	50	50	15.20	15.20	15.04		
20	64QAM	100	0	15.24	15.28	15.24		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.36	15.38	15.42		
15	QPSK	1	37	15.39	15.54	15.43	16.5	0
15	QPSK	1	74	15.26	15.20	15.01		
15	QPSK	36	0	15.43	15.47	15.42		
15	QPSK	36	20	15.45	15.48	15.40	16.5	0
15	QPSK	36	39	15.29	15.32	15.19		
15	QPSK	75	0	15.44	15.38	15.30		
15	16QAM	1	0	15.38	15.48	15.48		
15	16QAM	1	37	15.29	15.36	15.21	16.5	0
15	16QAM	1	74	15.29	15.23	15.11		
15	16QAM	36	0	15.42	15.51	15.51		
15	16QAM	36	20	15.44	15.49	15.43	16.5	0
15	16QAM	36	39	15.35	15.33	15.18		
15	16QAM	75	0	15.39	15.40	15.40		
15	64QAM	1	0	15.37	15.42	15.38		
15	64QAM	1	37	15.22	15.31	15.12	16.5	0
15	64QAM	1	74	15.29	15.10	15.01		
15	64QAM	36	0	15.18	15.26	15.28		
15	64QAM	36	20	15.18	15.26	15.22	16.5	0
15	64QAM	36	39	15.13	15.14	14.99		
15	64QAM	75	0	15.21	15.25	15.21		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.37	15.42	15.36		
10	QPSK	1	25	15.37	15.53	15.41	16.5	0
10	QPSK	1	49	15.21	15.18	15.01		
10	QPSK	25	0	15.42	15.50	15.46		
10	QPSK	25	12	15.41	15.48	15.39	16.5	0
10	QPSK	25	25	15.33	15.36	15.18		
10	QPSK	50	0	15.39	15.44	15.34		
10	16QAM	1	0	15.38	15.47	15.48		
10	16QAM	1	25	15.25	15.37	15.26	16.5	0
10	16QAM	1	49	15.28	15.25	15.10		
10	16QAM	25	0	15.43	15.58	15.49		
10	16QAM	25	12	15.42	15.44	15.42	16.5	0
10	16QAM	25	25	15.40	15.37	15.15		
10	16QAM	50	0	15.43	15.41	15.36		
10	64QAM	1	0	15.32	15.37	15.35		
10	64QAM	1	25	15.24	15.27	15.17	16.5	0
10	64QAM	1	49	15.29	15.11	15.07		
10	64QAM	25	0	15.21	15.28	15.29		
10	64QAM	25	12	15.22	15.28	15.18	16.5	0
10	64QAM	25	25	15.15	15.13	14.99		
10	64QAM	50	0	15.16	15.19	15.18		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.32	15.40	15.37		
5	QPSK	1	12	15.34	15.59	15.38	16.5	0
5	QPSK	1	24	15.23	15.14	15.05		
5	QPSK	12	0	15.39	15.50	15.47		
5	QPSK	12	7	15.40	15.47	15.39	16.5	0
5	QPSK	12	13	15.31	15.29	15.17		
5	QPSK	25	0	15.43	15.38	15.32		
5	16QAM	1	0	15.44	15.48	15.49		
5	16QAM	1	12	15.28	15.34	15.24	16.5	0
5	16QAM	1	24	15.34	15.23	15.16		
5	16QAM	12	0	15.46	15.54	15.48		
5	16QAM	12	7	15.44	15.48	15.42	16.5	0
5	16QAM	12	13	15.35	15.37	15.22		
5	16QAM	25	0	15.45	15.46	15.37		
5	64QAM	1	0	15.31	15.38	15.36		
5	64QAM	1	12	15.23	15.31	15.16	16.5	0
5	64QAM	1	24	15.31	15.07	15.03		
5	64QAM	12	0	15.23	15.29	15.26		
5	64QAM	12	7	15.18	15.22	15.21	16.5	0
5	64QAM	12	13	15.11	15.15	14.98		
5	64QAM	25	0	15.22	15.19	15.21		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.45	15.43	15.35		
3	QPSK	1	8	15.33	15.52	15.38	16.5	0
3	QPSK	1	14	15.24	15.16	15.01		
3	QPSK	8	0	15.42	15.47	15.41		
3	QPSK	8	4	15.46	15.41	15.41	16.5	0
3	QPSK	8	7	15.30	15.29	15.16		
3	QPSK	15	0	15.40	15.42	15.29		
3	16QAM	1	0	15.41	15.44	15.49		
3	16QAM	1	8	15.26	15.32	15.26	16.5	0
3	16QAM	1	14	15.31	15.26	15.12		
3	16QAM	8	0	15.40	15.53	15.51		
3	16QAM	8	4	15.45	15.48	15.41	16.5	0
3	16QAM	8	7	15.40	15.36	15.17		
3	16QAM	15	0	15.43	15.42	15.35		
3	64QAM	1	0	15.36	15.43	15.32		
3	64QAM	1	8	15.21	15.31	15.15	16.5	0
3	64QAM	1	14	15.27	15.11	15.03		
3	64QAM	8	0	15.21	15.26	15.30		
3	64QAM	8	4	15.22	15.27	15.17	16.5	0
3	64QAM	8	7	15.18	15.17	15.00		
3	64QAM	15	0	15.20	15.23	15.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.34	15.39	15.39		
1.4	QPSK	1	3	15.39	15.59	15.38		
1.4	QPSK	1	5	15.19	15.20	15.00	16.5	0
1.4	QPSK	3	0	15.43	15.49	15.45		
1.4	QPSK	3	1	15.44	15.41	15.44		
1.4	QPSK	3	3	15.33	15.34	15.17		
1.4	QPSK	6	0	15.44	15.45	15.31	16.5	0
1.4	16QAM	1	0	15.40	15.41	15.45		
1.4	16QAM	1	3	15.29	15.36	15.23		
1.4	16QAM	1	5	15.33	15.29	15.10	16.5	0
1.4	16QAM	3	0	15.43	15.54	15.52		
1.4	16QAM	3	1	15.40	15.44	15.43		
1.4	16QAM	3	3	15.33	15.31	15.16		
1.4	16QAM	6	0	15.40	15.44	15.33	16.5	0
1.4	64QAM	1	0	15.34	15.42	15.38		
1.4	64QAM	1	3	15.27	15.25	15.13		
1.4	64QAM	1	5	15.28	15.10	15.07	16.5	0
1.4	64QAM	3	0	15.23	15.31	15.28		
1.4	64QAM	3	1	15.24	15.24	15.16		
1.4	64QAM	3	3	15.17	15.12	14.97		
1.4	64QAM	6	0	15.21	15.21	15.21	16.5	0

Band 7 (2600MHz Band)
Part 27_ANT 1(DSI3/DSI7)

BW [MHz]	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	18.73	18.80	18.78		
20	QPSK	1	49	18.88	19.00	18.94	20	0
20	QPSK	1	99	18.71	18.82	18.80		
20	QPSK	50	0	18.58	18.66	18.61		
20	QPSK	50	24	18.70	18.80	18.71	20	0
20	QPSK	50	50	18.72	18.78	18.74		
20	QPSK	100	0	18.69	18.79	18.72		
20	16QAM	1	0	18.76	18.91	18.85		
20	16QAM	1	49	18.85	18.91	18.91	20	0
20	16QAM	1	99	18.85	18.93	18.93		
20	16QAM	50	0	18.53	18.60	18.63		
20	16QAM	50	24	18.64	18.73	18.65	20	0
20	16QAM	50	50	18.65	18.74	18.71		
20	16QAM	100	0	18.61	18.69	18.61		
20	64QAM	1	0	18.67	18.67	18.68		
20	64QAM	1	49	18.76	18.84	18.78	20	0
20	64QAM	1	99	18.66	18.77	18.80		
20	64QAM	50	0	18.54	18.63	18.61		
20	64QAM	50	24	18.68	18.75	18.66	20	0
20	64QAM	50	50	18.67	18.72	18.74		
20	64QAM	100	0	18.63	18.73	18.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.69	18.73	18.76		
15	QPSK	1	37	18.82	18.98	18.85	20	0
15	QPSK	1	74	18.63	18.78	18.77		
15	QPSK	36	0	18.56	18.60	18.55		
15	QPSK	36	20	18.68	18.76	18.64	20	0
15	QPSK	36	39	18.66	18.76	18.66		
15	QPSK	75	0	18.60	18.76	18.70		
15	16QAM	1	0	18.69	18.82	18.83		
15	16QAM	1	37	18.83	18.82	18.86	20	0
15	16QAM	1	74	18.78	18.87	18.84		
15	16QAM	36	0	18.46	18.51	18.54		
15	16QAM	36	20	18.70	18.70	18.57	20	0
15	16QAM	36	39	18.60	18.67	18.68		
15	16QAM	75	0	18.53	18.65	18.56		
15	64QAM	1	0	18.59	18.64	18.66		
15	64QAM	1	37	18.67	18.78	18.71	20	0
15	64QAM	1	74	18.59	18.73	18.77		
15	64QAM	36	0	18.51	18.56	18.59		
15	64QAM	36	20	18.59	18.72	18.59	20	0
15	64QAM	36	39	18.63	18.64	18.72		
15	64QAM	75	0	18.54	18.68	18.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.64	18.68	18.67		
10	QPSK	1	25	18.78	18.90	18.78	20	0
10	QPSK	1	49	18.54	18.72	18.71		
10	QPSK	25	0	18.51	18.51	18.49		
10	QPSK	25	12	18.62	18.68	18.59	20	0
10	QPSK	25	25	18.64	18.69	18.61		
10	QPSK	50	0	18.55	18.74	18.65		
10	16QAM	1	0	18.64	18.79	18.75		
10	16QAM	1	25	18.77	18.78	18.79	20	0
10	16QAM	1	49	18.71	18.79	18.77		
10	16QAM	25	0	18.43	18.48	18.47		
10	16QAM	25	12	18.54	18.62	18.50	20	0
10	16QAM	25	25	18.57	18.61	18.62		
10	16QAM	50	0	18.48	18.60	18.49		
10	64QAM	1	0	18.56	18.58	18.64		
10	64QAM	1	25	18.58	18.72	18.62	20	0
10	64QAM	1	49	18.56	18.65	18.75		
10	64QAM	25	0	18.42	18.51	18.53		
10	64QAM	25	12	18.57	18.65	18.55	20	0
10	64QAM	25	25	18.58	18.58	18.65		
10	64QAM	50	0	18.47	18.66	18.51		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.65	18.78	18.72		
5	QPSK	1	12	18.80	18.93	18.87	20	0
5	QPSK	1	24	18.65	18.80	18.74		
5	QPSK	12	0	18.49	18.59	18.53		
5	QPSK	12	7	18.64	18.72	18.65	20	0
5	QPSK	12	13	18.69	18.71	18.68		
5	QPSK	25	0	18.65	18.77	18.66		
5	16QAM	1	0	18.71	18.88	18.76		
5	16QAM	1	12	18.83	18.83	18.82	20	0
5	16QAM	1	24	18.77	18.90	18.90		
5	16QAM	12	0	18.48	18.52	18.54		
5	16QAM	12	7	18.58	18.68	18.58	20	0
5	16QAM	12	13	18.60	18.71	18.68		
5	16QAM	25	0	18.58	18.63	18.58		
5	64QAM	1	0	18.63	18.59	18.62		
5	64QAM	1	12	18.73	18.79	18.70	20	0
5	64QAM	1	24	18.57	18.74	18.73		
5	64QAM	12	0	18.51	18.60	18.54		
5	64QAM	12	7	18.59	18.69	18.63	20	0
5	64QAM	12	13	18.65	18.63	18.65		
5	64QAM	25	0	18.57	18.69	18.60		

Band 66_ANT 1(DSI3/DSI7)

BW [MHz]	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	15.57	15.60	15.51	16.5	0
20	QPSK	1	49	15.41	15.64	15.40		
20	QPSK	1	99	15.33	15.37	15.26		
20	QPSK	50	0	15.52	15.60	15.52	16.5	0
20	QPSK	50	24	15.61	15.62	15.50		
20	QPSK	50	50	15.53	15.53	15.48		
20	QPSK	100	0	15.55	15.56	15.45		
20	16QAM	1	0	15.59	15.63	15.46	16.5	0
20	16QAM	1	49	15.50	15.56	15.41		
20	16QAM	1	99	15.40	15.33	15.31		
20	16QAM	50	0	15.52	15.61	15.46	16.5	0
20	16QAM	50	24	15.60	15.57	15.46		
20	16QAM	50	50	15.52	15.55	15.47		
20	16QAM	100	0	15.55	15.52	15.40		
20	64QAM	1	0	15.56	15.61	15.49	16.5	0
20	64QAM	1	49	15.52	15.53	15.38		
20	64QAM	1	99	15.39	15.33	15.22		
20	64QAM	50	0	15.40	15.40	15.31	16.5	0
20	64QAM	50	24	15.43	15.39	15.34		
20	64QAM	50	50	15.38	15.39	15.25		
20	64QAM	100	0	15.41	15.35	15.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.51	15.53	15.48	16.5	0
15	QPSK	1	37	15.33	15.59	15.35		
15	QPSK	1	74	15.28	15.28	15.17		
15	QPSK	36	0	15.46	15.55	15.44	16.5	0
15	QPSK	36	20	15.56	15.53	15.47		
15	QPSK	36	39	15.51	15.47	15.39		
15	QPSK	75	0	15.53	15.47	15.38		
15	16QAM	1	0	15.52	15.60	15.44	16.5	0
15	16QAM	1	37	15.48	15.49	15.35		
15	16QAM	1	74	15.31	15.26	15.29		
15	16QAM	36	0	15.44	15.59	15.37	16.5	0
15	16QAM	36	20	15.54	15.50	15.43		
15	16QAM	36	39	15.43	15.47	15.41		
15	16QAM	75	0	15.50	15.44	15.36		
15	64QAM	1	0	15.52	15.53	15.44	16.5	0
15	64QAM	1	37	15.43	15.50	15.30		
15	64QAM	1	74	15.34	15.30	15.19		
15	64QAM	36	0	15.32	15.36	15.22	16.5	0
15	64QAM	36	20	15.39	15.32	15.25		
15	64QAM	36	39	15.29	15.31	15.21		
15	64QAM	75	0	15.38	15.33	15.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.56	15.57	15.43	16.5	0
10	QPSK	1	25	15.37	15.59	15.36		
10	QPSK	1	49	15.28	15.33	15.19		
10	QPSK	25	0	15.45	15.53	15.46	16.5	0
10	QPSK	25	12	15.53	15.56	15.41		
10	QPSK	25	25	15.44	15.50	15.43		
10	QPSK	50	0	15.49	15.49	15.43		
10	16QAM	1	0	15.54	15.54	15.41	16.5	0
10	16QAM	1	25	15.47	15.50	15.38		
10	16QAM	1	49	15.36	15.26	15.27		
10	16QAM	25	0	15.48	15.58	15.43	16.5	0
10	16QAM	25	12	15.57	15.54	15.40		
10	16QAM	25	25	15.50	15.50	15.40		
10	16QAM	50	0	15.50	15.45	15.33		
10	64QAM	1	0	15.54	15.58	15.41	16.5	0
10	64QAM	1	25	15.46	15.51	15.34		
10	64QAM	1	49	15.33	15.25	15.19		
10	64QAM	25	0	15.37	15.35	15.26	16.5	0
10	64QAM	25	12	15.38	15.36	15.28		
10	64QAM	25	25	15.33	15.36	15.20		
10	64QAM	50	0	15.39	15.29	15.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.52	15.54	15.44	16.5	0
5	QPSK	1	12	15.35	15.57	15.33		
5	QPSK	1	24	15.26	15.33	15.24		
5	QPSK	12	0	15.49	15.54	15.47	16.5	0
5	QPSK	12	7	15.53	15.58	15.45		
5	QPSK	12	13	15.50	15.51	15.46		
5	QPSK	25	0	15.50	15.48	15.41		
5	16QAM	1	0	15.57	15.57	15.41	16.5	0
5	16QAM	1	12	15.43	15.52	15.34		
5	16QAM	1	24	15.36	15.26	15.23		
5	16QAM	12	0	15.47	15.54	15.44	16.5	0
5	16QAM	12	7	15.58	15.48	15.43		
5	16QAM	12	13	15.49	15.50	15.41		
5	16QAM	25	0	15.47	15.47	15.34		
5	64QAM	1	0	15.54	15.56	15.45	16.5	0
5	64QAM	1	12	15.50	15.50	15.32		
5	64QAM	1	24	15.36	15.27	15.14		
5	64QAM	12	0	15.36	15.33	15.27	16.5	0
5	64QAM	12	7	15.37	15.35	15.25		
5	64QAM	12	13	15.34	15.30	15.22		
5	64QAM	25	0	15.37	15.27	15.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.54	15.57	15.44	16.5	0
3	QPSK	1	8	15.38	15.58	15.38		
3	QPSK	1	14	15.30	15.28	15.20		
3	QPSK	8	0	15.44	15.57	15.45	16.5	0
3	QPSK	8	4	15.53	15.57	15.48		
3	QPSK	8	7	15.47	15.45	15.43		
3	QPSK	15	0	15.50	15.49	15.39		
3	16QAM	1	0	15.56	15.58	15.37	16.5	0
3	16QAM	1	8	15.44	15.50	15.32		
3	16QAM	1	14	15.33	15.31	15.27		
3	16QAM	8	0	15.46	15.57	15.41	16.5	0
3	16QAM	8	4	15.51	15.55	15.40		
3	16QAM	8	7	15.48	15.47	15.39		
3	16QAM	15	0	15.50	15.50	15.37		
3	64QAM	1	0	15.49	15.53	15.41	16.5	0
3	64QAM	1	8	15.43	15.51	15.36		
3	64QAM	1	14	15.33	15.31	15.16		
3	64QAM	8	0	15.37	15.36	15.26	16.5	0
3	64QAM	8	4	15.38	15.30	15.30		
3	64QAM	8	7	15.32	15.34	15.16		
3	64QAM	15	0	15.33	15.32	15.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.48	15.54	15.49	16.5	0
1.4	QPSK	1	3	15.32	15.58	15.37		
1.4	QPSK	1	5	15.28	15.32	15.24		
1.4	QPSK	3	0	15.43	15.52	15.48		
1.4	QPSK	3	1	15.59	15.55	15.44		
1.4	QPSK	3	3	15.44	15.51	15.43		
1.4	QPSK	6	0	15.50	15.54	15.36	16.5	0
1.4	16QAM	1	0	15.53	15.61	15.42	16.5	0
1.4	16QAM	1	3	15.41	15.49	15.34		
1.4	16QAM	1	5	15.37	15.28	15.25		
1.4	16QAM	3	0	15.47	15.57	15.38		
1.4	16QAM	3	1	15.52	15.49	15.43		
1.4	16QAM	3	3	15.43	15.46	15.45		
1.4	16QAM	6	0	15.46	15.46	15.36	16.5	0
1.4	64QAM	1	0	15.49	15.53	15.41	16.5	0
1.4	64QAM	1	3	15.45	15.49	15.32		
1.4	64QAM	1	5	15.33	15.24	15.19		
1.4	64QAM	3	0	15.37	15.31	15.24		
1.4	64QAM	3	1	15.38	15.31	15.29		
1.4	64QAM	3	3	15.31	15.35	15.16		
1.4	64QAM	6	0	15.32	15.28	15.24	16.5	0

Band 7_ANT 2(DSI2/DSI3/DSI7)								
BW [MHz]	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	14.01	14.03	14.12	15	0
20	QPSK	1	49	14.07	14.01	13.96		
20	QPSK	1	99	14.20	14.22	14.23		
20	QPSK	50	0	14.11	14.06	14.11	15	0
20	QPSK	50	24	14.13	14.14	14.15		
20	QPSK	50	50	14.06	14.02	14.06		
20	QPSK	100	0	14.02	14.05	14.08		
20	16QAM	1	0	14.02	14.12	14.18	15	0
20	16QAM	1	49	14.05	14.06	14.11		
20	16QAM	1	99	14.00	14.00	13.85		
20	16QAM	50	0	14.02	13.96	14.03	15	0
20	16QAM	50	24	14.00	13.97	13.94		
20	16QAM	50	50	13.92	13.92	13.90		
20	16QAM	100	0	13.94	13.96	13.93		
20	64QAM	1	0	13.88	13.92	13.99	15	0
20	64QAM	1	49	14.21	14.07	14.17		
20	64QAM	1	99	13.97	13.92	13.85		
20	64QAM	50	0	14.10	14.11	14.08	15	0
20	64QAM	50	24	14.13	14.22	14.12		
20	64QAM	50	50	14.11	14.04	14.04		
20	64QAM	100	0	14.12	14.13	14.05		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.95	13.97	14.09	15	0
15	QPSK	1	37	14.04	13.89	13.77		
15	QPSK	1	74	14.18	14.12	14.14		
15	QPSK	36	0	13.97	14.01	14.05	15	0
15	QPSK	36	20	14.05	13.95	13.97		
15	QPSK	36	39	13.97	13.98	14.00		
15	QPSK	75	0	13.93	13.88	13.87		
15	16QAM	1	0	13.82	13.96	14.15	15	0
15	16QAM	1	37	13.84	13.93	14.09		
15	16QAM	1	74	13.98	13.96	13.83		
15	16QAM	36	0	13.97	13.77	13.89	15	0
15	16QAM	36	20	13.86	13.87	13.90		
15	16QAM	36	39	13.83	13.78	13.68		
15	16QAM	75	0	13.81	13.84	13.82		
15	64QAM	1	0	13.82	13.75	13.94	15	0
15	64QAM	1	37	14.02	13.99	14.15		
15	64QAM	1	74	13.94	13.88	13.80		
15	64QAM	36	0	13.91	14.03	13.87	15	0
15	64QAM	36	20	13.93	14.09	14.07		
15	64QAM	36	39	13.91	13.86	13.89		
15	64QAM	75	0	13.99	14.06	13.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.84	13.90	14.08	15	0
10	QPSK	1	25	13.95	13.96	13.94		
10	QPSK	1	49	14.10	14.11	14.09		
10	QPSK	25	0	13.92	13.90	13.94	15	0
10	QPSK	25	12	14.01	13.94	14.03		
10	QPSK	25	25	13.94	13.97	13.99		
10	QPSK	50	0	13.94	13.91	14.05		
10	16QAM	1	0	13.88	14.09	14.08	15	0
10	16QAM	1	25	13.88	13.89	13.89		
10	16QAM	1	49	13.80	13.88	13.75		
10	16QAM	25	0	13.83	13.88	14.00	15	0
10	16QAM	25	12	13.90	13.91	13.79		
10	16QAM	25	25	13.80	13.87	13.73		
10	16QAM	50	0	13.88	13.88	13.84		
10	64QAM	1	0	13.71	13.89	13.77	15	0
10	64QAM	1	25	14.08	13.88	14.14		
10	64QAM	1	49	13.84	13.74	13.73		
10	64QAM	25	0	14.05	13.98	13.94	15	0
10	64QAM	25	12	14.02	14.14	13.90		
10	64QAM	25	25	14.08	13.86	14.00		
10	64QAM	50	0	14.01	13.99	13.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.95	13.85	14.02	15	0
5	QPSK	1	12	13.98	13.84	13.84		
5	QPSK	1	24	14.17	14.14	14.10		
5	QPSK	12	0	13.91	14.04	14.04	15	0
5	QPSK	12	7	13.98	14.01	14.04		
5	QPSK	12	13	13.87	13.90	13.99		
5	QPSK	25	0	13.98	14.00	13.90		
5	16QAM	1	0	13.95	14.08	14.16	15	0
5	16QAM	1	12	13.98	13.85	14.00		
5	16QAM	1	24	13.86	13.82	13.69		
5	16QAM	12	0	13.91	13.76	13.91	15	0
5	16QAM	12	7	13.82	13.79	13.89		
5	16QAM	12	13	13.80	13.81	13.86		
5	16QAM	25	0	13.78	13.80	13.74		
5	64QAM	1	0	13.86	13.86	13.80	15	0
5	64QAM	1	12	14.02	13.95	14.09		
5	64QAM	1	24	13.94	13.76	13.76		
5	64QAM	12	0	14.02	14.04	13.94	15	0
5	64QAM	12	7	14.01	14.08	13.90		
5	64QAM	12	13	13.97	13.92	14.01		
5	64QAM	25	0	14.05	14.11	13.99		

Band 38(only on channel required)_ANT 1(DSI3/DSI7)

BW [MHz]	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	21.04	20.96	20.86	22	0
20	QPSK	1	49	21.22	20.97	21.11		
20	QPSK	1	99	21.04	20.89	20.91		
20	QPSK	50	0	21.20	21.02	21.06	22	0
20	QPSK	50	24	21.21	21.15	21.18		
20	QPSK	50	50	21.18	21.14	21.05		
20	QPSK	100	0	21.20	21.00	21.04		
20	16QAM	1	0	21.14	21.07	20.96	22	0
20	16QAM	1	49	21.13	21.03	20.97		
20	16QAM	1	99	21.11	21.06	21.05		
20	16QAM	50	0	20.91	20.83	20.78	22	0
20	16QAM	50	24	20.91	20.87	20.80		
20	16QAM	50	50	20.92	20.86	20.74		
20	16QAM	100	0	20.89	20.83	20.76		
20	64QAM	1	0	20.91	20.84	20.71	22	0
20	64QAM	1	49	20.86	20.82	20.93		
20	64QAM	1	99	20.90	20.90	20.93		
20	64QAM	50	0	20.85	20.79	20.67	22	0
20	64QAM	50	24	20.86	20.81	20.73		
20	64QAM	50	50	20.87	20.76	20.71		
20	64QAM	100	0	20.95	20.87	20.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.01	20.87	20.78	22	0
15	QPSK	1	37	21.20	20.95	21.08		
15	QPSK	1	74	20.99	20.87	20.83		
15	QPSK	36	0	21.12	20.98	20.99	22	0
15	QPSK	36	20	21.16	21.12	21.13		
15	QPSK	36	39	21.12	21.09	21.02		
15	QPSK	75	0	21.18	20.98	20.99		
15	16QAM	1	0	21.08	21.00	20.93	22	0
15	16QAM	1	37	21.11	20.98	20.88		
15	16QAM	1	74	21.02	21.04	21.00		
15	16QAM	36	0	20.89	20.76	20.73	22	0
15	16QAM	36	20	20.82	20.83	20.72		
15	16QAM	36	39	20.83	20.82	20.71		
15	16QAM	75	0	20.84	20.75	20.73		
15	64QAM	1	0	20.83	20.82	20.67	22	0
15	64QAM	1	37	20.80	20.75	20.89		
15	64QAM	1	74	20.87	20.81	20.84		
15	64QAM	36	0	20.78	20.74	20.65	22	0
15	64QAM	36	20	20.79	20.74	20.68		
15	64QAM	36	39	20.84	20.67	20.67		
15	64QAM	75	0	20.92	20.79	20.77		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.02	20.87	20.82	22	0
10	QPSK	1	25	21.14	20.95	21.05		
10	QPSK	1	49	21.02	20.84	20.88		
10	QPSK	25	0	21.15	20.99	20.98	22	0
10	QPSK	25	12	21.17	21.10	21.15		
10	QPSK	25	25	21.16	21.12	21.03		
10	QPSK	50	0	21.16	20.93	21.01		
10	16QAM	1	0	21.10	20.98	20.90	22	0
10	16QAM	1	25	21.06	20.98	20.91		
10	16QAM	1	49	21.03	21.03	20.97		
10	16QAM	25	0	20.87	20.76	20.75	22	0
10	16QAM	25	12	20.88	20.80	20.75		
10	16QAM	25	25	20.86	20.80	20.70		
10	16QAM	50	0	20.82	20.78	20.73		
10	64QAM	1	0	20.87	20.79	20.62	22	0
10	64QAM	1	25	20.78	20.74	20.85		
10	64QAM	1	49	20.85	20.81	20.86		
10	64QAM	25	0	20.76	20.77	20.65	22	0
10	64QAM	25	12	20.78	20.74	20.67		
10	64QAM	25	25	20.83	20.68	20.69		
10	64QAM	50	0	20.89	20.85	20.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.98	20.88	20.81	22	0
5	QPSK	1	12	21.13	20.93	21.02		
5	QPSK	1	24	20.98	20.85	20.84		
5	QPSK	12	0	21.15	20.97	21.03	22	0
5	QPSK	12	7	21.15	21.12	21.09		
5	QPSK	12	13	21.13	21.07	21.00		
5	QPSK	25	0	21.14	20.97	21.01		
5	16QAM	1	0	21.06	21.03	20.88	22	0
5	16QAM	1	12	21.07	20.99	20.89		
5	16QAM	1	24	21.08	20.97	20.99		
5	16QAM	12	0	20.86	20.75	20.72	22	0
5	16QAM	12	7	20.86	20.83	20.77		
5	16QAM	12	13	20.84	20.81	20.72		
5	16QAM	25	0	20.83	20.80	20.69		
5	64QAM	1	0	20.88	20.81	20.63	22	0
5	64QAM	1	12	20.83	20.73	20.91		
5	64QAM	1	24	20.81	20.82	20.85		
5	64QAM	12	0	20.78	20.73	20.60	22	0
5	64QAM	12	7	20.83	20.78	20.66		
5	64QAM	12	13	20.81	20.69	20.67		
5	64QAM	25	0	20.87	20.79	20.76		

Band 41 (2.6G Band)_ANT 1(DSI3/DSI7)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.04	21.06	21.04	21.02	21.18	22	0
20	QPSK	1	49	21.14	21.28	21.07	21.05	21.12		
20	QPSK	1	99	21.04	21.05	21.11	21.04	21.15		
20	QPSK	50	0	21.14	21.16	21.09	21.04	21.20	22	0
20	QPSK	50	24	21.23	21.24	21.19	21.06	21.20		
20	QPSK	50	50	21.22	21.22	21.22	21.12	21.20		
20	QPSK	100	0	21.21	21.22	21.19	21.07	21.20		
20	16QAM	1	0	21.14	21.18	21.18	21.04	21.22	22	0
20	16QAM	1	49	21.17	21.18	21.13	21.06	21.18		
20	16QAM	1	99	21.16	21.18	21.24	21.18	21.25		
20	16QAM	50	0	20.85	20.87	20.86	20.76	20.88	22	0
20	16QAM	50	24	20.96	20.94	20.96	20.79	20.91		
20	16QAM	50	50	20.95	20.94	20.94	20.89	20.98		
20	16QAM	100	0	20.92	20.94	20.93	20.78	20.88		
20	64QAM	1	0	20.99	20.96	20.84	21.03	20.85	22	0
20	64QAM	1	49	20.87	20.91	20.91	20.96	20.93		
20	64QAM	1	99	20.89	20.86	20.99	21.14	21.01		
20	64QAM	50	0	20.79	20.82	20.78	20.70	20.83	22	0
20	64QAM	50	24	20.89	20.88	20.89	20.74	20.85		
20	64QAM	50	50	20.86	20.87	20.89	20.82	20.90		
20	64QAM	100	0	20.97	20.97	21.00	20.83	20.90		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.95	21.00	21.02	20.95	21.14	22.00	0
15	QPSK	1	37	20.95	21.22	20.98	21.00	21.09		
15	QPSK	1	74	21.00	21.03	21.06	21.00	21.07		
15	QPSK	36	0	21.07	21.11	21.02	21.02	21.15	22	0
15	QPSK	36	20	21.21	21.15	21.12	20.99	21.12		
15	QPSK	36	39	21.18	21.13	21.18	21.09	21.17		
15	QPSK	75	0	21.19	21.14	21.15	21.03	21.18		
15	16QAM	1	0	21.08	21.10	21.13	20.99	21.20	22	0
15	16QAM	1	37	21.14	21.16	21.11	21.02	21.15		
15	16QAM	1	74	21.12	21.13	21.16	21.16	21.22		
15	16QAM	36	0	20.81	20.85	20.83	20.67	20.84	22	0
15	16QAM	36	20	20.92	20.91	20.87	20.73	20.88		
15	16QAM	36	39	20.90	20.90	20.91	20.85	20.96		
15	16QAM	75	0	20.87	20.91	20.88	20.73	20.83		
15	64QAM	1	0	20.94	20.93	20.77	21.00	20.76	22	0
15	64QAM	1	37	20.83	20.83	20.89	20.89	20.85		
15	64QAM	1	74	20.80	20.82	20.96	21.09	20.97		
15	64QAM	36	0	20.75	20.77	20.75	20.62	20.76	22	0
15	64QAM	36	20	20.85	20.84	20.80	20.66	20.78		
15	64QAM	36	39	20.78	20.78	20.87	20.78	20.88		
15	64QAM	75	0	20.93	20.93	20.97	20.80	20.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.96	21.03	20.97	20.94	21.09	22.00	0
10	QPSK	1	25	20.95	21.26	21.01	20.99	21.10		
10	QPSK	1	49	20.99	20.97	21.07	21.00	21.10		
10	QPSK	25	0	21.10	21.08	21.02	21.02	21.11	22	0
10	QPSK	25	12	21.18	21.16	21.15	20.99	21.12		
10	QPSK	25	25	21.17	21.16	21.14	21.08	21.15		
10	QPSK	50	0	21.15	21.14	21.17	20.98	21.11		
10	16QAM	1	0	21.12	21.14	21.12	20.96	21.13	22	0
10	16QAM	1	25	21.14	21.14	21.08	20.97	21.09		
10	16QAM	1	49	21.11	21.16	21.18	21.11	21.18		
10	16QAM	25	0	20.76	20.79	20.77	20.72	20.80	22	0
10	16QAM	25	12	20.92	20.85	20.90	20.75	20.88		
10	16QAM	25	25	20.89	20.90	20.89	20.87	20.89		
10	16QAM	50	0	20.86	20.90	20.87	20.74	20.86		
10	64QAM	1	0	20.91	20.92	20.75	20.96	20.77	22	0
10	64QAM	1	25	20.84	20.89	20.89	20.92	20.91		
10	64QAM	1	49	20.84	20.80	20.95	21.09	20.93		
10	64QAM	25	0	20.76	20.80	20.74	20.65	20.79	22	0
10	64QAM	25	12	20.87	20.80	20.85	20.72	20.79		
10	64QAM	25	25	20.84	20.81	20.84	20.74	20.87		
10	64QAM	50	0	20.94	20.91	20.92	20.77	20.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.96	21.03	20.97	20.94	21.13	22.00	0
5	QPSK	1	12	20.99	21.24	21.01	21.00	21.08		
5	QPSK	1	24	20.96	20.99	21.04	21.01	21.10		
5	QPSK	12	0	21.07	21.08	21.05	20.98	21.13	22	0
5	QPSK	12	7	21.20	21.17	21.16	21.01	21.15		
5	QPSK	12	13	21.13	21.20	21.14	21.06	21.16		
5	QPSK	25	0	21.12	21.20	21.14	21.04	21.18		
5	16QAM	1	0	21.07	21.16	21.16	20.96	21.17	22	0
5	16QAM	1	12	21.15	21.14	21.07	21.01	21.09		
5	16QAM	1	24	21.11	21.15	21.18	21.13	21.23		
5	16QAM	12	0	20.79	20.80	20.82	20.72	20.83	22	0
5	16QAM	12	7	20.89	20.85	20.90	20.73	20.89		
5	16QAM	12	13	20.91	20.92	20.90	20.81	20.95		
5	16QAM	25	0	20.88	20.89	20.84	20.73	20.85		
5	64QAM	1	0	20.91	20.94	20.81	20.98	20.78	22	0
5	64QAM	1	12	20.85	20.86	20.84	20.87	20.91		
5	64QAM	1	24	20.80	20.83	20.95	21.12	20.95		
5	64QAM	12	0	20.72	20.73	20.76	20.68	20.74	22	0
5	64QAM	12	7	20.80	20.83	20.86	20.67	20.83		
5	64QAM	12	13	20.80	20.82	20.80	20.79	20.88		
5	64QAM	25	0	20.93	20.88	20.95	20.74	20.88		

Band 42(3.5GHz Band)_ANT 4(DSI3/DSI7)

BW [MHz]	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	10.90	10.72	10.59	11.5	0
20	QPSK	1	49	10.93	10.67	10.52		
20	QPSK	1	99	10.79	10.56	10.45		
20	QPSK	50	0	10.91	10.72	10.60	11.5	0
20	QPSK	50	24	10.92	10.75	10.56		
20	QPSK	50	50	10.90	10.67	10.55		
20	QPSK	100	0	10.92	10.71	10.51		
20	16QAM	1	0	10.70	10.67	10.54	11.5	0
20	16QAM	1	49	10.77	10.56	10.42		
20	16QAM	1	99	10.66	10.43	10.34		
20	16QAM	50	0	10.81	10.51	10.40	11.5	0
20	16QAM	50	24	10.80	10.58	10.37		
20	16QAM	50	50	10.72	10.46	10.37		
20	16QAM	100	0	10.76	10.53	10.34		
20	64QAM	1	0	10.46	10.27	10.15	11.5	0
20	64QAM	1	49	10.47	10.25	10.13		
20	64QAM	1	99	10.37	10.12	10.03		
20	64QAM	50	0	10.81	10.55	10.40	11.5	0
20	64QAM	50	24	10.82	10.57	10.39		
20	64QAM	50	50	10.72	10.50	10.35		
20	64QAM	100	0	10.75	10.57	10.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	10.82	10.70	10.47	11.5	0
15	QPSK	1	37	10.90	10.61	10.46		
15	QPSK	1	74	10.77	10.53	10.55		
15	QPSK	36	0	10.77	10.56	10.41	11.5	0
15	QPSK	36	20	10.73	10.72	10.34		
15	QPSK	36	39	10.81	10.58	10.53		
15	QPSK	75	0	10.75	10.49	10.37		
15	16QAM	1	0	10.63	10.64	10.52	11.5	0
15	16QAM	1	37	10.55	10.47	10.30		
15	16QAM	1	74	10.64	10.30	10.24		
15	16QAM	36	0	10.59	10.38	10.35	11.5	0
15	16QAM	36	20	10.71	10.39	10.30		
15	16QAM	36	39	10.54	10.43	10.26		
15	16QAM	75	0	10.60	10.40	10.12		
15	64QAM	1	0	10.38	10.23	9.99	11.5	0
15	64QAM	1	37	10.33	10.14	9.98		
15	64QAM	1	74	10.33	10.02	9.93		
15	64QAM	36	0	10.66	10.44	10.31	11.5	0
15	64QAM	36	20	10.64	10.38	10.25		
15	64QAM	36	39	10.55	10.37	10.26		
15	64QAM	75	0	10.64	10.49	10.20		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	10.76	10.51	10.53	11.5	0
10	QPSK	1	25	10.72	10.50	10.31		
10	QPSK	1	49	10.67	10.40	10.28		
10	QPSK	25	0	10.71	10.51	10.56	11.5	0
10	QPSK	25	12	10.80	10.58	10.40		
10	QPSK	25	25	10.73	10.45	10.49		
10	QPSK	50	0	10.78	10.49	10.45		
10	16QAM	1	0	10.61	10.65	10.34	11.5	0
10	16QAM	1	25	10.60	10.34	10.32		
10	16QAM	1	49	10.53	10.24	10.32		
10	16QAM	25	0	10.70	10.40	10.22	11.5	0
10	16QAM	25	12	10.63	10.40	10.27		
10	16QAM	25	25	10.58	10.43	10.27		
10	16QAM	50	0	10.58	10.48	10.23		
10	64QAM	1	0	10.40	10.30	10.20	11.5	0
10	64QAM	1	25	10.36	10.29	10.26		
10	64QAM	1	49	10.37	10.29	10.30		
10	64QAM	25	0	10.69	10.49	10.38	11.5	0
10	64QAM	25	12	10.63	10.35	10.37		
10	64QAM	25	25	10.52	10.46	10.19		
10	64QAM	50	0	10.69	10.45	10.20		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	10.69	10.52	10.55	11.5	0
5	QPSK	1	12	10.88	10.62	10.40		
5	QPSK	1	24	10.69	10.49	10.39		
5	QPSK	12	0	10.81	10.50	10.42	11.5	0
5	QPSK	12	7	10.70	10.68	10.38		
5	QPSK	12	13	10.83	10.57	10.43		
5	QPSK	25	0	10.76	10.57	10.34		
5	16QAM	1	0	10.67	10.49	10.40	11.5	0
5	16QAM	1	12	10.74	10.52	10.39		
5	16QAM	1	24	10.64	10.24	10.25		
5	16QAM	12	0	10.75	10.39	10.26	11.5	0
5	16QAM	12	7	10.66	10.42	10.29		
5	16QAM	12	13	10.70	10.44	10.28		
5	16QAM	25	0	10.65	10.34	10.25		
5	64QAM	1	0	10.42	10.12	10.05	11.5	0
5	64QAM	1	12	10.29	10.11	10.03		
5	64QAM	1	24	10.29	10.09	9.94		
5	64QAM	12	0	10.74	10.39	10.35	11.5	0
5	64QAM	12	7	10.64	10.53	10.32		
5	64QAM	12	13	10.66	10.33	10.35		
5	64QAM	25	0	10.65	10.51	10.21		

		DSI6				DSI6			
Band		WCDMA II_ANT 1			Tune-up Limit (dBm)	WCDMA IV_ANT 1			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	21.08	21.06	21.10	22.50	20.96	21.01	20.92	22.00
3GPP Rel 99	RMC 12.2Kbps	21.28	21.36	21.40	22.50	21.00	21.02	20.92	22.00
3GPP Rel 6	HSDPA Subtest-1	20.28	20.13	20.22	21.50	20.00	20.02	19.94	21.00
3GPP Rel 6	HSDPA Subtest-2	20.27	20.21	20.19	21.50	19.97	20.05	19.93	21.00
3GPP Rel 6	HSDPA Subtest-3	19.25	19.45	19.31	21.00	19.41	19.48	19.37	20.50
3GPP Rel 6	HSDPA Subtest-4	19.27	19.44	19.32	21.00	19.44	19.47	19.36	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.35	20.15	20.29	21.50	19.96	20.00	19.91	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.32	20.26	20.28	21.50	19.92	19.96	19.90	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.30	19.49	19.33	21.00	19.34	19.41	19.35	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.32	19.47	19.35	21.00	19.29	19.38	19.33	20.50
3GPP Rel 6	HSUPA Subtest-1	20.21	20.42	20.22	21.50	20.01	20.03	19.92	21.00
3GPP Rel 6	HSUPA Subtest-2	18.30	18.44	18.30	19.50	18.01	18.06	17.92	19.00
3GPP Rel 6	HSUPA Subtest-3	19.34	19.50	19.44	20.50	18.99	19.05	18.91	20.00
3GPP Rel 6	HSUPA Subtest-4	18.33	18.50	18.42	19.50	17.95	18.04	17.93	19.00
3GPP Rel 6	HSUPA Subtest-5	20.25	20.50	20.31	21.50	20.15	20.19	20.07	21.00

Band 2 (1900MHz Band)
Part 24E_ANT 1(DSI6)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.42	21.48	21.47	22.5	0
20	QPSK	1	49	21.64	21.50	21.77		
20	QPSK	1	99	21.27	21.41	21.11		
20	QPSK	50	0	21.14	21.25	21.07	22.5	0
20	QPSK	50	24	21.46	21.62	21.63		
20	QPSK	50	50	21.13	21.25	21.04		
20	QPSK	100	0	21.32	21.41	21.45		
20	16QAM	1	0	21.39	21.45	21.39	22.5	0
20	16QAM	1	49	21.25	21.44	21.30		
20	16QAM	1	99	21.60	21.76	21.48		
20	16QAM	50	0	21.26	21.43	21.21	22.5	0
20	16QAM	50	24	21.37	21.43	21.25		
20	16QAM	50	50	21.36	21.48	21.22		
20	16QAM	100	0	21.33	21.38	21.20		
20	64QAM	1	0	21.37	21.57	21.38	22.5	0
20	64QAM	1	49	21.32	21.58	21.29		
20	64QAM	1	99	21.42	21.47	21.17		
20	64QAM	50	0	20.30	20.43	20.28	21.5	1
20	64QAM	50	24	20.38	20.49	20.28		
20	64QAM	50	50	20.35	20.46	20.27		
20	64QAM	100	0	20.33	20.42	20.22		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.35	21.46	21.38	22.5	0
15	QPSK	1	37	21.62	21.41	21.74		
15	QPSK	1	74	21.24	21.34	21.06		
15	QPSK	36	0	21.41	21.58	21.58	22.5	0
15	QPSK	36	20	21.11	21.16	21.01		
15	QPSK	36	39	21.06	21.16	20.95		
15	QPSK	75	0	21.05	21.15	21.23		
15	16QAM	1	0	21.35	21.39	21.30	22.5	0
15	16QAM	1	37	21.18	21.37	21.25		
15	16QAM	1	74	21.58	21.68	21.42		
15	16QAM	36	0	21.24	21.40	21.17	22.5	0
15	16QAM	36	20	21.28	21.36	21.21		
15	16QAM	36	39	21.31	21.40	21.14		
15	16QAM	75	0	21.27	21.35	21.15		
15	64QAM	1	0	21.34	21.51	21.30	22.5	0
15	64QAM	1	37	21.29	21.53	21.23		
15	64QAM	1	74	21.38	21.39	21.10		
15	64QAM	36	0	20.21	20.36	20.19	21.5	1
15	64QAM	36	20	20.32	20.47	20.23		
15	64QAM	36	39	20.26	20.38	20.21		
15	64QAM	75	0	20.29	20.39	20.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.36	21.45	21.40	22.5	0
10	QPSK	1	25	21.56	21.46	21.74		
10	QPSK	1	49	21.19	21.39	21.02		
10	QPSK	25	0	21.43	21.59	21.58	22.5	0
10	QPSK	25	12	21.11	21.19	21.01		
10	QPSK	25	25	21.09	21.17	20.98		
10	QPSK	50	0	21.04	21.15	21.19		
10	16QAM	1	0	21.35	21.36	21.35	22.5	0
10	16QAM	1	25	21.22	21.35	21.21		
10	16QAM	1	49	21.55	21.72	21.43		
10	16QAM	25	0	21.24	21.37	21.18	22.5	0
10	16QAM	25	12	21.34	21.37	21.16		
10	16QAM	25	25	21.28	21.42	21.20		
10	16QAM	50	0	21.24	21.29	21.17		
10	64QAM	1	0	21.34	21.51	21.33	22.5	0
10	64QAM	1	25	21.30	21.53	21.23		
10	64QAM	1	49	21.40	21.43	21.14		
10	64QAM	25	0	20.23	20.38	20.20	21.5	1
10	64QAM	25	12	20.33	20.47	20.22		
10	64QAM	25	25	20.30	20.41	20.25		
10	64QAM	50	0	20.27	20.36	20.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.35	21.43	21.45	22.5	0
5	QPSK	1	12	21.55	21.46	21.74		
5	QPSK	1	24	21.22	21.39	21.04		
5	QPSK	12	0	21.43	21.54	21.61	22.5	0
5	QPSK	12	7	21.09	21.18	21.02		
5	QPSK	12	13	21.07	21.16	20.99		
5	QPSK	25	0	21.10	21.16	21.17		
5	16QAM	1	0	21.36	21.42	21.35	22.5	0
5	16QAM	1	12	21.22	21.36	21.22		
5	16QAM	1	24	21.52	21.72	21.41		
5	16QAM	12	0	21.23	21.39	21.17	22.5	0
5	16QAM	12	7	21.29	21.39	21.23		
5	16QAM	12	13	21.31	21.46	21.13		
5	16QAM	25	0	21.27	21.31	21.18		
5	64QAM	1	0	21.28	21.55	21.36	22.5	0
5	64QAM	1	12	21.28	21.49	21.22		
5	64QAM	1	24	21.38	21.43	21.08		
5	64QAM	12	0	20.21	20.34	20.22	21.5	1
5	64QAM	12	7	20.35	20.42	20.21		
5	64QAM	12	13	20.33	20.44	20.25		
5	64QAM	25	0	20.26	20.38	20.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.36	21.43	21.42	22.5	0
3	QPSK	1	8	21.57	21.48	21.70		
3	QPSK	1	14	21.25	21.33	21.06		
3	QPSK	8	0	21.37	21.58	21.54	22.5	0
3	QPSK	8	4	21.05	21.19	21.00		
3	QPSK	8	7	21.05	21.17	21.02		
3	QPSK	15	0	21.03	21.12	21.17		
3	16QAM	1	0	21.33	21.39	21.34	22.5	0
3	16QAM	1	8	21.20	21.35	21.23		
3	16QAM	1	14	21.58	21.74	21.41		
3	16QAM	8	0	21.19	21.41	21.14	22.5	0
3	16QAM	8	4	21.33	21.41	21.18		
3	16QAM	8	7	21.32	21.44	21.15		
3	16QAM	15	0	21.26	21.33	21.14		
3	64QAM	1	0	21.34	21.54	21.29	22.5	0
3	64QAM	1	8	21.28	21.50	21.26		
3	64QAM	1	14	21.40	21.43	21.13		
3	64QAM	8	0	20.22	20.34	20.19	21.5	1
3	64QAM	8	4	20.30	20.46	20.19		
3	64QAM	8	7	20.27	20.43	20.24		
3	64QAM	15	0	20.30	20.38	20.19		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.38	21.45	21.44	22.5	0
1.4	QPSK	1	3	21.57	21.45	21.73		
1.4	QPSK	1	5	21.23	21.37	21.04		
1.4	QPSK	3	0	21.44	21.56	21.58		
1.4	QPSK	3	1	21.05	21.18	20.99		
1.4	QPSK	3	3	21.11	21.16	20.95		
1.4	QPSK	6	0	21.10	21.12	21.18	22.5	0
1.4	16QAM	1	0	21.36	21.43	21.37	22.5	0
1.4	16QAM	1	3	21.18	21.40	21.24		
1.4	16QAM	1	5	21.51	21.71	21.44		
1.4	16QAM	3	0	21.24	21.41	21.19		
1.4	16QAM	3	1	21.31	21.34	21.23		
1.4	16QAM	3	3	21.28	21.40	21.15		
1.4	16QAM	6	0	21.30	21.30	21.16	22.5	0
1.4	64QAM	1	0	21.30	21.49	21.31	22.5	0
1.4	64QAM	1	3	21.26	21.54	21.21		
1.4	64QAM	1	5	21.35	21.38	21.09		
1.4	64QAM	3	0	21.26	21.41	21.22		
1.4	64QAM	3	1	21.29	21.47	21.21		
1.4	64QAM	3	3	21.30	21.37	21.25		
1.4	64QAM	6	0	20.24	20.39	20.16	21.5	1

Band 4 (AWS Band)
Part 27L (only on channel required)_ANT 1(DSI6)

BW [MHz]	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	20.53	20.60	20.62	22	0
20	QPSK	1	49	20.72	20.90	20.62		
20	QPSK	1	99	20.50	20.45	20.33		
20	QPSK	50	0	20.64	20.76	20.75	22	0
20	QPSK	50	24	20.67	20.79	20.64		
20	QPSK	50	50	20.58	20.56	20.44		
20	QPSK	100	0	20.43	20.48	20.36		
20	16QAM	1	0	20.72	20.74	20.82	22	0
20	16QAM	1	49	20.55	20.66	20.64		
20	16QAM	1	99	20.56	20.60	20.49		
20	16QAM	50	0	20.65	20.76	20.76	22	0
20	16QAM	50	24	20.69	20.72	20.67		
20	16QAM	50	50	20.62	20.62	20.49		
20	16QAM	100	0	20.63	20.67	20.65		
20	64QAM	1	0	20.82	20.89	20.81	22	0
20	64QAM	1	49	20.67	20.69	20.71		
20	64QAM	1	99	20.71	20.54	20.49		
20	64QAM	50	0	19.96	20.07	20.08	21	1
20	64QAM	50	24	19.99	20.01	19.95		
20	64QAM	50	50	19.93	19.92	19.78		
20	64QAM	100	0	19.97	19.98	19.95		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.51	20.56	20.58	22	0
15	QPSK	1	37	20.67	20.86	20.55		
15	QPSK	1	74	20.45	20.43	20.25		
15	QPSK	36	0	20.62	20.73	20.71	22	0
15	QPSK	36	20	20.62	20.72	20.59		
15	QPSK	36	39	20.50	20.51	20.37		
15	QPSK	75	0	20.40	20.43	20.32		
15	16QAM	1	0	20.67	20.67	20.80	22	0
15	16QAM	1	37	20.49	20.58	20.58		
15	16QAM	1	74	20.52	20.58	20.41		
15	16QAM	36	0	20.58	20.70	20.74	22	0
15	16QAM	36	20	20.63	20.64	20.60		
15	16QAM	36	39	20.56	20.53	20.40		
15	16QAM	75	0	20.54	20.64	20.59		
15	64QAM	1	0	20.78	20.81	20.74	22	0
15	64QAM	1	37	20.64	20.61	20.64		
15	64QAM	1	74	20.68	20.49	20.41		
15	64QAM	36	0	19.89	20.01	20.00	21	1
15	64QAM	36	20	19.91	19.92	19.89		
15	64QAM	36	39	19.86	19.87	19.72		
15	64QAM	75	0	19.89	19.90	19.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.44	20.51	20.60	22	0
10	QPSK	1	25	20.66	20.81	20.55		
10	QPSK	1	49	20.45	20.43	20.25		
10	QPSK	25	0	20.60	20.69	20.66	22	0
10	QPSK	25	12	20.61	20.76	20.57		
10	QPSK	25	25	20.52	20.49	20.36		
10	QPSK	50	0	20.35	20.46	20.34		
10	16QAM	1	0	20.64	20.68	20.78	22	0
10	16QAM	1	25	20.52	20.60	20.61		
10	16QAM	1	49	20.50	20.51	20.46		
10	16QAM	25	0	20.56	20.72	20.73	22	0
10	16QAM	25	12	20.64	20.67	20.65		
10	16QAM	25	25	20.57	20.59	20.42		
10	16QAM	50	0	20.55	20.58	20.62		
10	64QAM	1	0	20.76	20.81	20.75	22	0
10	64QAM	1	25	20.59	20.64	20.67		
10	64QAM	1	49	20.66	20.47	20.43		
10	64QAM	25	0	19.92	19.98	19.99	21	1
10	64QAM	25	12	19.90	19.99	19.91		
10	64QAM	25	25	19.90	19.85	19.74		
10	64QAM	50	0	19.93	19.90	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.51	20.57	20.60	22	0
5	QPSK	1	12	20.70	20.83	20.60		
5	QPSK	1	24	20.46	20.36	20.24		
5	QPSK	12	0	20.55	20.67	20.66	22	0
5	QPSK	12	7	20.59	20.71	20.58		
5	QPSK	12	13	20.55	20.54	20.38		
5	QPSK	25	0	20.41	20.44	20.33		
5	16QAM	1	0	20.64	20.68	20.77	22	0
5	16QAM	1	12	20.52	20.62	20.62		
5	16QAM	1	24	20.47	20.56	20.42		
5	16QAM	12	0	20.62	20.72	20.72	22	0
5	16QAM	12	7	20.67	20.63	20.65		
5	16QAM	12	13	20.58	20.53	20.41		
5	16QAM	25	0	20.61	20.58	20.59		
5	64QAM	1	0	20.80	20.81	20.76	22	0
5	64QAM	1	12	20.64	20.67	20.62		
5	64QAM	1	24	20.65	20.52	20.45		
5	64QAM	12	0	19.89	20.03	20.05	21	1
5	64QAM	12	7	19.96	19.94	19.93		
5	64QAM	12	13	19.90	19.88	19.76		
5	64QAM	25	0	19.95	19.94	19.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.45	20.52	20.54	22	0
3	QPSK	1	8	20.65	20.82	20.56		
3	QPSK	1	14	20.48	20.39	20.31		
3	QPSK	8	0	20.62	20.74	20.67	22	0
3	QPSK	8	4	20.65	20.71	20.59		
3	QPSK	8	7	20.49	20.51	20.40		
3	QPSK	15	0	20.39	20.39	20.28		
3	16QAM	1	0	20.66	20.71	20.74	22	0
3	16QAM	1	8	20.53	20.57	20.62		
3	16QAM	1	14	20.52	20.55	20.41		
3	16QAM	8	0	20.63	20.74	20.73	22	0
3	16QAM	8	4	20.65	20.65	20.65		
3	16QAM	8	7	20.56	20.53	20.43		
3	16QAM	15	0	20.59	20.62	20.60		
3	64QAM	1	0	20.80	20.86	20.78	22	0
3	64QAM	1	8	20.61	20.63	20.68		
3	64QAM	1	14	20.63	20.45	20.47		
3	64QAM	8	0	19.90	20.00	20.04	21	1
3	64QAM	8	4	19.92	19.92	19.92		
3	64QAM	8	7	19.84	19.85	19.74		
3	64QAM	15	0	19.92	19.89	19.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.47	20.58	20.60	22	0
1.4	QPSK	1	3	20.69	20.86	20.53		
1.4	QPSK	1	5	20.44	20.42	20.25		
1.4	QPSK	3	0	20.58	20.71	20.73		
1.4	QPSK	3	1	20.62	20.72	20.62		
1.4	QPSK	3	3	20.53	20.52	20.39		
1.4	QPSK	6	0	20.39	20.43	20.31	22	0
1.4	16QAM	1	0	20.70	20.66	20.75	22	0
1.4	16QAM	1	3	20.53	20.64	20.62		
1.4	16QAM	1	5	20.48	20.56	20.47		
1.4	16QAM	3	0	20.61	20.70	20.72		
1.4	16QAM	3	1	20.66	20.65	20.59		
1.4	16QAM	3	3	20.57	20.58	20.45		
1.4	16QAM	6	0	20.59	20.59	20.63	22	0
1.4	64QAM	1	0	20.78	20.83	20.74	22	0
1.4	64QAM	1	3	20.64	20.66	20.68		
1.4	64QAM	1	5	20.66	20.48	20.41		
1.4	64QAM	3	0	20.39	20.48	20.49		
1.4	64QAM	3	1	20.42	20.42	20.39		
1.4	64QAM	3	3	20.35	20.38	20.22		
1.4	64QAM	6	0	19.88	19.92	19.91	21	1

Band 7 (2600MHz Band)
Part 27_ANT 1(DSI6)

BW [MHz]	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	21.92	22.19	21.95	23	0
20	QPSK	1	49	21.94	22.14	21.97		
20	QPSK	1	99	21.95	22.10	22.00		
20	QPSK	50	0	21.73	21.81	21.76	23	0
20	QPSK	50	24	21.86	21.88	21.84		
20	QPSK	50	50	21.75	21.83	21.80		
20	QPSK	100	0	21.69	21.84	21.79		
20	16QAM	1	0	21.87	22.09	21.83	23	0
20	16QAM	1	49	21.86	22.04	21.91		
20	16QAM	1	99	21.92	22.01	21.91		
20	16QAM	50	0	20.82	20.94	20.81	22	1
20	16QAM	50	24	20.91	20.98	20.85		
20	16QAM	50	50	20.80	20.93	20.83		
20	16QAM	100	0	20.79	20.87	20.73		
20	64QAM	1	0	20.96	21.14	20.90	22	1
20	64QAM	1	49	20.94	21.14	20.99		
20	64QAM	1	99	20.96	21.06	21.02		
20	64QAM	50	0	19.85	19.94	19.83	21	2
20	64QAM	50	24	19.90	19.97	19.89		
20	64QAM	50	50	19.82	19.91	19.82		
20	64QAM	100	0	19.81	19.87	19.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.96	22.17	21.96	23	0
15	QPSK	1	37	21.95	22.15	22.00		
15	QPSK	1	74	22.01	22.15	22.03		
15	QPSK	36	0	21.68	21.78	21.74	23	0
15	QPSK	36	20	21.79	21.83	21.84		
15	QPSK	36	39	21.66	21.77	21.85		
15	QPSK	75	0	21.66	21.78	21.79		
15	16QAM	1	0	21.86	22.12	21.86	23	0
15	16QAM	1	37	21.83	22.06	21.88		
15	16QAM	1	74	21.87	22.01	21.95		
15	16QAM	36	0	20.83	20.98	20.83	22	1
15	16QAM	36	20	20.87	21.05	20.87		
15	16QAM	36	39	20.81	20.97	20.91		
15	16QAM	75	0	20.85	20.90	20.84		
15	64QAM	1	0	20.97	21.19	20.96	22	1
15	64QAM	1	37	20.96	21.14	21.01		
15	64QAM	1	74	20.96	21.06	21.03		
15	64QAM	36	0	19.90	20.03	19.84	21	2
15	64QAM	36	20	19.92	20.13	19.92		
15	64QAM	36	39	19.87	20.01	19.91		
15	64QAM	75	0	19.83	19.96	19.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.95	22.13	21.91	23	0
10	QPSK	1	25	21.93	22.14	21.94		
10	QPSK	1	49	21.95	22.15	22.00		
10	QPSK	25	0	21.74	21.81	21.71	23	0
10	QPSK	25	12	21.76	21.84	21.75		
10	QPSK	25	25	21.74	21.83	21.83		
10	QPSK	50	0	21.69	21.75	21.71		
10	16QAM	1	0	21.97	22.10	21.95	23	0
10	16QAM	1	25	21.92	22.11	21.90		
10	16QAM	1	49	21.93	22.11	21.95		
10	16QAM	25	0	20.89	21.05	20.76	22	1
10	16QAM	25	12	20.90	21.08	20.83		
10	16QAM	25	25	20.87	21.03	20.89		
10	16QAM	50	0	20.83	21.01	20.76		
10	64QAM	1	0	20.99	21.21	20.94	22	1
10	64QAM	1	25	21.05	21.21	21.03		
10	64QAM	1	49	21.07	21.19	21.07		
10	64QAM	25	0	19.89	20.10	19.82	21	2
10	64QAM	25	12	19.96	20.13	19.87		
10	64QAM	25	25	19.91	20.07	19.90		
10	64QAM	50	0	19.83	20.03	19.77		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.00	22.16	21.99	23	0
5	QPSK	1	12	22.00	22.14	22.04		
5	QPSK	1	24	22.04	22.10	22.00		
5	QPSK	12	0	21.71	21.80	21.78	23	0
5	QPSK	12	7	21.73	21.84	21.85		
5	QPSK	12	13	21.74	21.85	21.80		
5	QPSK	25	0	21.72	21.78	21.79		
5	16QAM	1	0	22.00	22.16	21.92	23	0
5	16QAM	1	12	21.95	22.14	21.96		
5	16QAM	1	24	21.97	22.10	21.95		
5	16QAM	12	0	20.91	21.06	20.88	22	1
5	16QAM	12	7	21.02	21.12	20.96		
5	16QAM	12	13	20.95	21.09	20.91		
5	16QAM	25	0	20.89	21.06	20.86		
5	64QAM	1	0	21.08	21.26	21.07	22	1
5	64QAM	1	12	21.05	21.22	21.01		
5	64QAM	1	24	21.05	21.20	21.02		
5	64QAM	12	0	19.92	20.14	19.91	21	2
5	64QAM	12	7	19.98	20.20	19.94		
5	64QAM	12	13	19.90	20.10	19.93		
5	64QAM	25	0	19.89	20.06	19.88		

Band 66_ANT 1(DSI6)

BW [MHz]	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	20.53	20.64	20.46	22	0
20	QPSK	1	49	20.81	20.91	20.77		
20	QPSK	1	99	20.47	20.39	20.24		
20	QPSK	50	0	20.61	20.65	20.50	22	0
20	QPSK	50	24	20.66	20.67	20.66		
20	QPSK	50	50	20.58	20.65	20.48		
20	QPSK	100	0	20.45	20.46	20.35		
20	16QAM	1	0	20.69	20.90	20.55	22	0
20	16QAM	1	49	20.64	20.69	20.55		
20	16QAM	1	99	20.86	20.64	20.65		
20	16QAM	50	0	20.61	20.64	20.53	22	0
20	16QAM	50	24	20.72	20.62	20.56		
20	16QAM	50	50	20.59	20.59	20.46		
20	16QAM	100	0	20.65	20.52	20.55		
20	64QAM	1	0	20.81	20.82	20.78	22	0
20	64QAM	1	49	20.75	20.81	20.60		
20	64QAM	1	99	20.76	20.39	20.48		
20	64QAM	50	0	19.95	19.97	19.83	21	1
20	64QAM	50	24	19.99	19.91	19.87		
20	64QAM	50	50	19.94	19.94	19.77		
20	64QAM	100	0	19.97	19.86	19.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.48	20.58	20.40	22	0
15	QPSK	1	37	20.76	20.87	20.75		
15	QPSK	1	74	20.44	20.36	20.21		
15	QPSK	36	0	20.52	20.56	20.41	22	0
15	QPSK	36	20	20.62	20.59	20.49		
15	QPSK	36	39	20.50	20.63	20.41		
15	QPSK	75	0	20.38	20.42	20.28		
15	16QAM	1	0	20.66	20.86	20.46	22	0
15	16QAM	1	37	20.58	20.67	20.46		
15	16QAM	1	74	20.80	20.61	20.59		
15	16QAM	36	0	20.59	20.59	20.51	22	0
15	16QAM	36	20	20.63	20.58	20.48		
15	16QAM	36	39	20.55	20.50	20.40		
15	16QAM	75	0	20.62	20.49	20.46		
15	64QAM	1	0	20.75	20.77	20.71	22	0
15	64QAM	1	37	20.73	20.72	20.51		
15	64QAM	1	74	20.74	20.33	20.43		
15	64QAM	36	0	19.89	19.91	19.81	21	1
15	64QAM	36	20	19.90	19.84	19.78		
15	64QAM	36	39	19.89	19.87	19.74		
15	64QAM	75	0	19.95	19.79	19.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.48	20.58	20.37	22	0
10	QPSK	1	25	20.78	20.89	20.73		
10	QPSK	1	49	20.43	20.32	20.19		
10	QPSK	25	0	20.53	20.56	20.44	22	0
10	QPSK	25	12	20.62	20.64	20.49		
10	QPSK	25	25	20.53	20.63	20.44		
10	QPSK	50	0	20.41	20.41	20.29		
10	16QAM	1	0	20.67	20.88	20.46	22	0
10	16QAM	1	25	20.59	20.60	20.52		
10	16QAM	1	49	20.81	20.59	20.59		
10	16QAM	25	0	20.54	20.57	20.51	22	0
10	16QAM	25	12	20.64	20.54	20.52		
10	16QAM	25	25	20.56	20.55	20.42		
10	16QAM	50	0	20.57	20.48	20.49		
10	64QAM	1	0	20.77	20.76	20.70	22	0
10	64QAM	1	25	20.69	20.73	20.55		
10	64QAM	1	49	20.67	20.44	20.39		
10	64QAM	25	0	19.89	19.94	19.76	21	1
10	64QAM	25	12	19.93	19.85	19.83		
10	64QAM	25	25	19.87	19.91	19.73		
10	64QAM	50	0	19.89	19.79	19.83		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.45	20.55	20.41	22	0
5	QPSK	1	12	20.72	20.87	20.74		
5	QPSK	1	24	20.45	20.34	20.15		
5	QPSK	12	0	20.55	20.59	20.47	22	0
5	QPSK	12	7	20.61	20.64	20.48		
5	QPSK	12	13	20.54	20.57	20.42		
5	QPSK	25	0	20.37	20.39	20.32		
5	16QAM	1	0	20.61	20.85	20.52	22	0
5	16QAM	1	12	20.56	20.66	20.53		
5	16QAM	1	24	20.81	20.62	20.60		
5	16QAM	12	0	20.52	20.55	20.44	22	0
5	16QAM	12	7	20.69	20.54	20.49		
5	16QAM	12	13	20.54	20.52	20.42		
5	16QAM	25	0	20.61	20.43	20.49		
5	64QAM	1	0	20.72	20.77	20.69	22	0
5	64QAM	1	12	20.67	20.78	20.56		
5	64QAM	1	24	20.67	20.55	20.44		
5	64QAM	12	0	19.93	19.88	19.74	21	1
5	64QAM	12	7	19.94	19.87	19.85		
5	64QAM	12	13	19.87	19.90	19.68		
5	64QAM	25	0	19.89	19.77	19.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.45	20.61	20.39	22	0
3	QPSK	1	8	20.73	20.84	20.73		
3	QPSK	1	14	20.41	20.30	20.16		
3	QPSK	8	0	20.54	20.62	20.47	22	0
3	QPSK	8	4	20.58	20.62	20.51		
3	QPSK	8	7	20.55	20.57	20.39		
3	QPSK	15	0	20.40	20.38	20.29		
3	16QAM	1	0	20.66	20.82	20.53	22	0
3	16QAM	1	8	20.56	20.66	20.50		
3	16QAM	1	14	20.78	20.59	20.56		
3	16QAM	8	0	20.57	20.55	20.50	22	0
3	16QAM	8	4	20.70	20.59	20.48		
3	16QAM	8	7	20.51	20.55	20.38		
3	16QAM	15	0	20.56	20.44	20.49		
3	64QAM	1	0	20.72	20.79	20.73	22	0
3	64QAM	1	8	20.67	20.78	20.53		
3	64QAM	1	14	20.69	20.52	20.42		
3	64QAM	8	0	19.91	19.92	19.78	21	1
3	64QAM	8	4	19.97	19.86	19.80		
3	64QAM	8	7	19.85	19.86	19.68		
3	64QAM	15	0	19.93	19.79	19.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.45	20.58	20.37	22	0
1.4	QPSK	1	3	20.76	20.82	20.73		
1.4	QPSK	1	5	20.38	20.31	20.17		
1.4	QPSK	3	0	20.52	20.56	20.46		
1.4	QPSK	3	1	20.63	20.63	20.48		
1.4	QPSK	3	3	20.53	20.57	20.46		
1.4	QPSK	6	0	20.43	20.41	20.28	22	0
1.4	16QAM	1	0	20.66	20.82	20.49	22	0
1.4	16QAM	1	3	20.62	20.66	20.49		
1.4	16QAM	1	5	20.79	20.61	20.63		
1.4	16QAM	3	0	20.52	20.62	20.49		
1.4	16QAM	3	1	20.64	20.58	20.52		
1.4	16QAM	3	3	20.57	20.50	20.38		
1.4	16QAM	6	0	20.56	20.44	20.48	22	0
1.4	64QAM	1	0	20.77	20.75	20.69	22	0
1.4	64QAM	1	3	20.71	20.79	20.52		
1.4	64QAM	1	5	20.67	20.37	20.44		
1.4	64QAM	3	0	20.73	20.69	20.55		
1.4	64QAM	3	1	20.75	20.63	20.64		
1.4	64QAM	3	3	20.71	20.65	20.52		
1.4	64QAM	6	0	19.91	19.80	19.83	21	1

Band 7 (2600MHz Band) Part 27_ANT 2(DSI6)								
BW [MHz]	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	17.00	17.06	17.10	18.5	0
20	QPSK	1	49	17.02	17.09	17.15		
20	QPSK	1	99	17.10	17.12	17.18		
20	QPSK	50	0	17.08	17.10	17.15	18.5	0
20	QPSK	50	24	17.11	17.14	17.17		
20	QPSK	50	50	17.04	17.08	17.10		
20	QPSK	100	0	17.01	17.06	17.08		
20	16QAM	1	0	17.03	17.15	17.15	18.5	0
20	16QAM	1	49	17.08	17.17	17.12		
20	16QAM	1	99	17.00	17.16	17.13		
20	16QAM	50	0	17.10	17.10	17.12	18.5	0
20	16QAM	50	24	17.11	17.08	17.10		
20	16QAM	50	50	17.08	17.07	17.13		
20	16QAM	100	0	17.01	17.13	17.12		
20	64QAM	1	0	17.07	17.03	17.10	18.5	0
20	64QAM	1	49	17.10	17.15	17.02		
20	64QAM	1	99	17.11	17.15	17.18		
20	64QAM	50	0	16.40	16.43	16.46	17.5	1
20	64QAM	50	24	16.43	16.48	16.48		
20	64QAM	50	50	16.40	16.46	16.58		
20	64QAM	100	0	16.33	16.40	16.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.80	17.01	17.04	18.5	0
15	QPSK	1	37	16.90	16.90	16.95		
15	QPSK	1	74	16.90	17.03	17.01		
15	QPSK	36	0	16.97	17.03	17.00	18.5	0
15	QPSK	36	20	16.90	16.95	17.14		
15	QPSK	36	39	16.84	16.92	16.91		
15	QPSK	75	0	16.96	16.99	16.95		
15	16QAM	1	0	16.91	17.09	16.98	18.5	0
15	16QAM	1	37	17.06	17.05	16.92		
15	16QAM	1	74	16.84	16.97	17.12		
15	16QAM	36	0	17.07	16.90	16.92	18.5	0
15	16QAM	36	20	17.10	17.02	16.97		
15	16QAM	36	39	17.04	16.91	17.10		
15	16QAM	75	0	16.84	16.96	17.07		
15	64QAM	1	0	16.95	17.02	16.94	18.5	0
15	64QAM	1	37	16.89	17.09	16.84		
15	64QAM	1	74	17.09	16.97	17.17		
15	64QAM	36	0	16.29	16.28	16.32	17.5	1
15	64QAM	36	20	16.36	16.28	16.47		
15	64QAM	36	39	16.28	16.37	16.46		
15	64QAM	75	0	16.18	16.19	16.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.97	16.85	17.08	18.5	0
10	QPSK	1	25	16.91	16.91	17.06		
10	QPSK	1	49	17.04	16.94	17.04		
10	QPSK	25	0	16.99	17.06	17.07	18.5	0
10	QPSK	25	12	16.98	17.04	17.12		
10	QPSK	25	25	16.97	16.91	16.94		
10	QPSK	50	0	16.83	17.04	17.05		
10	16QAM	1	0	16.91	16.94	17.11	18.5	0
10	16QAM	1	25	16.97	16.97	17.04		
10	16QAM	1	49	16.80	16.97	16.98		
10	16QAM	25	0	17.06	16.96	17.09	18.5	0
10	16QAM	25	12	17.07	17.04	17.06		
10	16QAM	25	25	17.03	16.93	17.08		
10	16QAM	50	0	16.91	17.02	17.05		
10	64QAM	1	0	16.99	16.92	17.08	18.5	0
10	64QAM	1	25	16.95	17.06	16.94		
10	64QAM	1	49	17.05	17.14	17.09		
10	64QAM	25	0	16.30	16.22	16.26	17.5	1
10	64QAM	25	12	16.33	16.40	16.46		
10	64QAM	25	25	16.25	16.37	16.39		
10	64QAM	50	0	16.17	16.31	16.25		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.93	16.85	17.02	18.5	0
5	QPSK	1	12	16.92	16.95	17.00		
5	QPSK	1	24	16.91	16.98	17.10		
5	QPSK	12	0	16.97	17.03	17.07	18.5	0
5	QPSK	12	7	16.93	16.99	17.08		
5	QPSK	12	13	16.86	16.88	16.90		
5	QPSK	25	0	16.90	17.02	17.06		
5	16QAM	1	0	16.93	17.13	17.06	18.5	0
5	16QAM	1	12	17.07	17.00	16.94		
5	16QAM	1	24	16.93	16.97	17.07		
5	16QAM	12	0	17.09	17.07	17.02	18.5	0
5	16QAM	12	7	16.98	16.94	16.96		
5	16QAM	12	13	16.96	16.99	16.96		
5	16QAM	25	0	16.90	16.98	17.09		
5	64QAM	1	0	16.92	16.92	17.03	18.5	0
5	64QAM	1	12	17.03	17.02	16.83		
5	64QAM	1	24	16.98	17.09	17.02		
5	64QAM	12	0	16.23	16.26	16.27	17.5	1
5	64QAM	12	7	16.24	16.39	16.45		
5	64QAM	12	13	16.21	16.34	16.54		
5	64QAM	25	0	16.31	16.30	16.26		

Band 42(3.5GHz Band)_ANT 4(DSI6)

BW [MHz]	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	17.72	17.54	17.37	18.5	0
20	QPSK	1	49	17.75	17.45	17.35		
20	QPSK	1	99	17.59	17.30	17.26		
20	QPSK	50	0	17.74	17.55	17.44	18.5	0
20	QPSK	50	24	17.75	17.51	17.39		
20	QPSK	50	50	17.68	17.43	17.38		
20	QPSK	100	0	17.72	17.50	17.38		
20	16QAM	1	0	17.60	17.44	17.26	18.5	0
20	16QAM	1	49	17.56	17.31	17.19		
20	16QAM	1	99	17.49	17.20	17.12		
20	16QAM	50	0	17.60	17.34	17.22	18.5	0
20	16QAM	50	24	17.61	17.38	17.27		
20	16QAM	50	50	17.59	17.32	17.20		
20	16QAM	100	0	17.58	17.33	17.24		
20	64QAM	1	0	17.24	17.11	16.99	18.5	0
20	64QAM	1	49	17.29	17.11	16.96		
20	64QAM	1	99	17.20	16.89	16.87		
20	64QAM	50	0	17.62	17.35	17.24	18.5	0
20	64QAM	50	24	17.60	17.38	17.28		
20	64QAM	50	50	17.57	17.30	17.22		
20	64QAM	100	0	17.61	17.36	17.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.67	17.39	17.17	18.5	0
15	QPSK	1	37	17.64	17.35	17.27		
15	QPSK	1	74	17.41	17.26	17.23		
15	QPSK	36	0	17.72	17.36	17.25	18.5	0
15	QPSK	36	20	17.69	17.53	17.22		
15	QPSK	36	39	17.63	17.28	17.24		
15	QPSK	75	0	17.69	17.45	17.36		
15	16QAM	1	0	17.55	17.40	17.12	18.5	0
15	16QAM	1	37	17.45	17.25	17.10		
15	16QAM	1	74	17.41	17.19	17.16		
15	16QAM	36	0	17.42	17.32	17.02	18.5	0
15	16QAM	36	20	17.40	17.19	17.10		
15	16QAM	36	39	17.52	17.25	17.13		
15	16QAM	75	0	17.50	17.13	17.18		
15	64QAM	1	0	17.20	17.06	16.97	18.5	0
15	64QAM	1	37	17.12	16.91	16.85		
15	64QAM	1	74	17.00	16.85	16.89		
15	64QAM	36	0	17.56	17.33	17.15	18.5	0
15	64QAM	36	20	17.50	17.18	17.10		
15	64QAM	36	39	17.48	17.19	17.20		
15	64QAM	75	0	17.52	17.16	17.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.68	17.48	17.33	18.5	0
10	QPSK	1	25	17.63	17.43	17.21		
10	QPSK	1	49	17.44	17.23	17.21		
10	QPSK	25	0	17.66	17.36	17.22	18.5	0
10	QPSK	25	12	17.67	17.51	17.34		
10	QPSK	25	25	17.57	17.23	17.23		
10	QPSK	50	0	17.70	17.44	17.20		
10	16QAM	1	0	17.44	17.35	17.17	18.5	0
10	16QAM	1	25	17.50	17.29	17.12		
10	16QAM	1	49	17.46	17.09	17.02		
10	16QAM	25	0	17.44	17.29	17.11	18.5	0
10	16QAM	25	12	17.42	17.23	17.20		
10	16QAM	25	25	17.57	17.15	17.12		
10	16QAM	50	0	17.43	17.22	17.11		
10	64QAM	1	0	17.16	16.93	16.88	18.5	0
10	64QAM	1	25	17.16	16.95	16.76		
10	64QAM	1	49	17.10	16.78	16.77		
10	64QAM	25	0	17.58	17.25	17.10	18.5	0
10	64QAM	25	12	17.52	17.30	17.16		
10	64QAM	25	25	17.43	17.12	17.10		
10	64QAM	50	0	17.52	17.22	17.12		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.69	17.37	17.28	18.5	0
5	QPSK	1	12	17.61	17.24	17.32		
5	QPSK	1	24	17.45	17.27	17.19		
5	QPSK	12	0	17.61	17.31	17.18	18.5	0
5	QPSK	12	7	17.54	17.49	17.38		
5	QPSK	12	13	17.56	17.26	17.17		
5	QPSK	25	0	17.62	17.31	17.25		
5	16QAM	1	0	17.54	17.33	17.21	18.5	0
5	16QAM	1	12	17.36	17.10	17.16		
5	16QAM	1	24	17.36	17.12	17.09		
5	16QAM	12	0	17.40	17.30	17.16	18.5	0
5	16QAM	12	7	17.59	17.29	17.16		
5	16QAM	12	13	17.40	17.12	17.12		
5	16QAM	25	0	17.38	17.12	17.18		
5	64QAM	1	0	17.21	16.99	16.96	18.5	0
5	64QAM	1	12	17.12	16.91	16.83		
5	64QAM	1	24	17.11	16.82	16.74		
5	64QAM	12	0	17.52	17.27	17.15	18.5	0
5	64QAM	12	7	17.50	17.26	17.23		
5	64QAM	12	13	17.40	17.20	17.03		
5	64QAM	25	0	17.49	17.14	17.12		

Conducted Power for Intra Band UL CA

CA_7C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.74	24
21100	20902	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.71	24
21350	21152	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.79	24
20850	21048	QPSK	50	24	0	0	1	0	DSI3/DSI7	18.73	20
21100	20902	QPSK	50	24	0	0	1	0	DSI3/DSI7	18.77	20
21350	21152	QPSK	50	24	0	0	1	0	DSI3/DSI7	18.8	20
20850	21048	QPSK	50	24	0	0	1	0	DSI6	21.85	23
21100	20902	QPSK	50	24	0	0	1	0	DSI6	21.87	23
21350	21152	QPSK	50	24	0	0	1	0	DSI6	21.91	23

CA_38C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.86	24
37901	38099	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.91	24
38150	37952	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.77	24
37850	38048	QPSK	1	49	0	0	1	0	DSI3/DSI7	21.33	22
37901	38099	QPSK	1	49	0	0	1	0	DSI3/DSI7	21.42	22
38150	37952	QPSK	1	49	0	0	1	0	DSI3/DSI7	21.54	22

CA_41C											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.74	24.00
40185	39987	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.88	24.00
40620	40422	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.89	24.00
41055	40857	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.77	24.00
41490	41292	QPSK	1	49	0	0	1	0	DSI2/DSI4	22.92	24.00
39750	39948	QPSK	50	24	0	0	1	0	DSI3/DSI7	21.43	22.00
40185	39987	QPSK	50	24	0	0	1	0	DSI3/DSI7	21.48	22.00
40620	40422	QPSK	50	24	0	0	1	0	DSI3/DSI7	21.59	22.00
41055	40857	QPSK	50	24	0	0	1	0	DSI3/DSI7	21.48	22.00
41490	41292	QPSK	50	24	0	0	1	0	DSI3/DSI7	21.55	22.00

Conducted Power for Inter-Band UL CA

PCC:Ant1 SCC:Ant2

CA_2A-7A												
Combination 20MHz+20MHz (100RB+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						
18700	20850	QPSK	1	0	1	0	21.86	15.90	22.84	23.0	17.0	24.0
			1	49	1	49	21.86	15.92	22.85	23.0	17.0	24.0
			1	99	1	99	21.90	15.87	22.87	23.0	17.0	24.0
			50	0	50	0	19.34	19.26	22.31	21.0	21.0	24.0
			50	24	50	24	19.55	19.27	22.42	21.0	21.0	24.0
			50	50	50	50	19.45	19.30	22.39	21.0	21.0	24.0
			100	0	100	0	19.44	19.26	22.36	21.0	21.0	24.0
18900	21100	QPSK	1	0	1	0	21.89	15.21	22.73	23.0	17.0	24.0
			1	49	1	49	22.03	15.27	22.86	23.0	17.0	24.0
			1	99	1	99	22.01	15.21	22.83	23.0	17.0	24.0
			50	0	50	0	19.31	19.09	22.21	21.0	21.0	24.0
			50	24	50	24	19.45	19.12	22.30	21.0	21.0	24.0
			50	50	50	50	19.56	19.10	22.35	21.0	21.0	24.0
			100	0	100	0	19.45	19.08	22.28	21.0	21.0	24.0
19100	21350	QPSK	1	0	1	0	22.15	15.67	23.03	23.0	17.0	24.0
			1	49	1	49	22.11	15.29	22.93	23.0	17.0	24.0
			1	99	1	99	21.99	15.66	22.90	23.0	17.0	24.0
			50	0	50	0	19.50	19.27	22.40	21.0	21.0	24.0
			50	24	50	24	19.64	19.26	22.46	21.0	21.0	24.0
			50	50	50	50	19.71	19.20	22.47	21.0	21.0	24.0
			100	0	100	0	19.57	19.17	22.38	21.0	21.0	24.0

PCC:Ant2 SCC:Ant1

CA_7A-2A												
Combination 20MHz+20MHz (100RB+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						
20850	18700	QPSK	1	0	1	0	20.89	19.79	23.39	21.5	20.5	24.0
			1	49	1	49	20.79	19.82	23.34	21.5	20.5	24.0
			1	99	1	99	20.85	19.80	23.37	21.5	20.5	24.0
			50	0	50	0	19.84	19.97	22.92	21.0	21.0	24.0
			50	24	50	24	19.82	20.17	23.01	21.0	21.0	24.0
			50	50	50	50	19.85	20.03	22.95	21.0	21.0	24.0
			100	0	100	0	19.79	20.07	22.94	21.0	21.0	24.0
21100	18900	QPSK	1	0	1	0	20.49	19.82	23.18	21.5	20.5	24.0
			1	49	1	49	20.36	19.79	23.09	21.5	20.5	24.0
			1	99	1	99	20.57	19.91	23.26	21.5	20.5	24.0
			50	0	50	0	19.69	19.93	22.82	21.0	21.0	24.0
			50	24	50	24	19.68	20.10	22.91	21.0	21.0	24.0
			50	50	50	50	19.61	20.04	22.84	21.0	21.0	24.0
			100	0	100	0	19.56	19.98	22.79	21.0	21.0	24.0
21350	19100	QPSK	1	0	1	0	20.82	19.92	23.40	21.5	20.5	24.0
			1	49	1	49	20.61	19.99	23.32	21.5	20.5	24.0
			1	99	1	99	20.68	20.00	23.36	21.5	20.5	24.0
			50	0	50	0	19.66	20.04	22.86	21.0	21.0	24.0
			50	24	50	24	19.72	20.15	22.95	21.0	21.0	24.0
			50	50	50	50	19.51	20.10	22.83	21.0	21.0	24.0
			100	0	100	0	19.60	20.14	22.89	21.0	21.0	24.0

Conducted Power for DL CA

Full 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-5A	Band 2	20M	1900	19100	QPSK	1	49	Band 5	10M	881.5	2525	22.71	22.73
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 5	10M	881.5	2525	22.62	22.66
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	22.61	22.66
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 12	10M	737.5	5095	22.64	22.66
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	49	Band 17	10M	740	5790	22.53	22.58
		CA_5A-7A	Band 5	10M	844	20600	QPSK	1	25	Band 7	20M	2655	3100	22.62	22.64
		CA_5A-66A	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155	66886	22.59	22.64
		CA_12A-66A	Band 12	10M	704	23060	QPSK	1	25	Band 66	20M	2155	66886	22.85	22.86
		CA_2A-7A	Band 2	20M	1900	19100	QPSK	1	49	Band 7	20M	2655	3100	22.70	22.73
Intra-Band	Non-Contiguous	CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 4	5M	2152.5	2375	22.64	22.66
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	49	Band 7	5M	2687.5	3425	22.63	22.80
		CA_41A-41A	Band 41	20M	2549.5	40185	QPSK	1	49	Band 41	5M	2687.5	41565	22.74	22.94
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2197.5	67311	22.61	22.68
	Contiguous	CA_7B	Band 7	15M	2535	21100	QPSK	1	37	Band 7	5M	2664.3	3193	22.51	22.68
		CA_7C	Band 7	20M	2535	21100	QPSK	1	49	Band 7	20M	2674.80	3298	22.58	22.80
		CA_38C	Band 38	20M	2580	37850	QPSK	1	49	Band 38	20M	2599.80	38048	22.82	22.88
		CA_41C	Band 41	20M	2549.5	40185	QPSK	1	49	Band 41	20M	2569.3	40383	22.71	22.94
		CA_66B	Band 66	15M	1745	132322	QPSK	1	37	Band 66	5M	2164.30	66979	22.46	22.53
		CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	22.53	22.68

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_5A-66A-66A	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.56	22.64
		CA_2A-7A-7A	Band 2	20M	1900	19100	QPSK	1	49	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.68	22.73
Intra-Band	Non-Contiguous	CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.61	22.66
		CA_5A-7C	Band 5	10M	844	20600	QPSK	1	25	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.60	22.64
		CA_2A-7C	Band 2	20M	1900	19100	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.61	22.73
	Contiguous	CA_41D	Band 41	20M	2549.5	40185	QPSK	1	49	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	22.59	22.94

Conducted Full Power level/Default Power level/ Pmax Power Level for 5G NR

n5_ANT 2(DSI4/DSI7)

BW [MHz]	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	23.08	23.10	22.96	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.79	22.62		
20	PI/2 BPSK	1	104	22.82	22.88	22.53		
20	PI/2 BPSK	50	0	22.18	22.21	22.16	23.5	0.5
20	PI/2 BPSK	50	28	22.63	22.67	22.59	24.0	0.0
20	PI/2 BPSK	50	56	22.28	22.29	22.18	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.28	22.12		
20	QPSK	1	1	23.07	22.96	22.85	24.0	0.0
20	QPSK	1	53	23.07	22.71	22.74		
20	QPSK	1	104	22.75	22.69	22.61		
20	QPSK	50	0	21.78	21.69	21.63	23.0	1.0
20	QPSK	50	28	22.76	22.82	22.79	24.0	0.0
20	QPSK	50	56	21.62	21.59	21.54	23.0	1.0
20	QPSK	100	0	21.66	21.69	21.58		
20	16QAM	1	1	22.21	22.23	22.09	23.0	1.0
20	64QAM	1	1	20.02	20.12	19.97	21.5	2.5
20	256QAM	1	1	18.03	18.06	17.96	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	23.01	23.04	22.96	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	23.08	23.09	22.95	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	23.06	22.88	22.92	24.0	0.0

n7_ANT 2(DSI4)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.97	23.00	23.03	24.0	0.0
20	PI/2 BPSK	1	53	23.06	23.19	23.21		
20	PI/2 BPSK	1	104	22.70	22.86	23.12		
20	PI/2 BPSK	50	0	21.63	21.68	21.70	23.5	0.5
20	PI/2 BPSK	50	28	22.91	23.12	23.15	24.0	0.0
20	PI/2 BPSK	50	56	21.57	21.59	21.62	23.5	0.5
20	PI/2 BPSK	100	0	21.67	21.68	21.70		
20	QPSK	1	1	22.71	22.73	23.02	24.0	0.0
20	QPSK	1	53	23.00	23.11	23.16		
20	QPSK	1	104	22.78	22.89	23.19		
20	QPSK	50	0	21.16	21.15	21.21	23.0	1.0
20	QPSK	50	28	22.98	23.07	23.12	24.0	0.0
20	QPSK	50	56	21.18	21.13	21.19	23.0	1.0
20	QPSK	100	0	21.17	21.19	21.18		
20	16QAM	1	1	21.65	21.66	21.62	23.0	1.0
20	64QAM	1	1	19.58	19.52	19.62	21.5	2.5
20	256QAM	1	1	17.52	19..56	17.59	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	23.12	23.00	23.06	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	23.09	22.97	23.01	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	23.07	23.13	23.01	22.9	0.0

n66_ANT 2(DSI4)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.98	23.06	22.81	24.0	0.0
20	PI/2 BPSK	1	53	23.01	23.10	22.89		
20	PI/2 BPSK	1	104	22.94	22.96	22.77		
20	PI/2 BPSK	50	0	21.62	21.67	21.51	23.5	0.5
20	PI/2 BPSK	50	28	22.86	22.91	22.82	24.0	0.0
20	PI/2 BPSK	50	56	21.55	21.61	21.50	23.5	0.5
20	PI/2 BPSK	100	0	21.53	21.59	21.52		
20	QPSK	1	1	22.97	23.08	22.85	24.0	0.0
20	QPSK	1	53	22.86	22.98	22.84		
20	QPSK	1	104	22.87	23.01	22.87		
20	QPSK	50	0	21.16	21.26	21.03	23.0	1.0
20	QPSK	50	28	22.83	23.02	22.80	24.0	0.0
20	QPSK	50	56	21.09	21.12	21.06	23.0	1.0
20	QPSK	100	0	21.01	21.09	21.04		
20	16QAM	1	1	21.12	21.23	20.96	23.0	1.0
20	64QAM	1	1	19.50	19.53	19.17	21.5	2.5
20	256QAM	1	1	17.52	17.68	17.38	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	22.91	23.02	22.81	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	22.89	23.00	22.81	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	22.84	22.89	22.79	24.0	0.0

n77_FCC_ANT 4(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.16	22.28	22.08	23.0	0.0
100	PI/2 BPSK	1	137	22.12	22.25	22.01		
100	PI/2 BPSK	1	271	21.31	21.91	21.69		
100	PI/2 BPSK	135	0	21.70	21.73	21.62	22.5	0.5
100	PI/2 BPSK	135	69	22.00	22.12	21.91	23.0	0.0
100	PI/2 BPSK	135	138	21.37	21.60	21.31	22.5	0.5
100	PI/2 BPSK	270	0	21.43	21.58	21.32		
100	QPSK	1	1	22.04	22.12	21.96	23.0	0.0
100	QPSK	1	137	22.01	22.11	21.93		
100	QPSK	1	271	21.26	21.82	21.63		
100	QPSK	135	0	21.42	21.68	21.60	23.0	0.0
100	QPSK	135	69	21.71	22.00	22.02		
100	QPSK	135	138	21.00	21.52	21.43		
100	QPSK	270	0	20.92	21.12	21.13	22.0	1.0
100	16QAM	1	1	21.01	21.16	20.96	22.0	1.0
100	64QAM	1	1	19.68	19.66	19.52	20.5	2.5
100	256QAM	1	1	19.19	19.18	19.03	19.5	3.5

Par27Q n77_FCC_ANT 4(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.92		23.0	0.0
100	PI/2 BPSK	1	137		22.19			
100	PI/2 BPSK	1	271		22.30			
100	PI/2 BPSK	135	0		21.92		22.5	0.5
100	PI/2 BPSK	135	69		22.21		23.0	0.0
100	PI/2 BPSK	135	138		22.18		22.5	0.5
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		21.64		23.0	0.0
100	QPSK	1	137		22.06			
100	QPSK	1	271		22.26			
100	QPSK	135	0		21.84		23.0	0.0
100	QPSK	135	69		22.11			
100	QPSK	135	138		22.18			
100	QPSK	270	0		22.13		23.0	0.0
100	16QAM	1	1		21.67		22.0	1.0
100	64QAM	1	1		20.86		21.5	1.5
100	256QAM	1	1		19.31		19.5	3.5

n78_FCC_ANT 4(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.29		23.0	0.0
100	PI/2 BPSK	1	137		22.06			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		22.06		22.5	0.5
100	PI/2 BPSK	135	69		22.03		23.0	0.0
100	PI/2 BPSK	135	138		21.38		22.5	0.5
100	PI/2 BPSK	270	0		21.75			
100	QPSK	1	1		22.23		23.0	0.0
100	QPSK	1	137		22.05			
100	QPSK	1	271		21.37			
100	QPSK	135	0		22.03		23.0	0.0
100	QPSK	135	69		22.01			
100	QPSK	135	138		21.29			
100	QPSK	270	0		21.25		22.0	1.0
100	16QAM	1	1		19.82		22.0	1.0
100	64QAM	1	1		20.16		20.5	2.5
100	256QAM	1	1		18.42		19.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	PI/2 BPSK	1	1	22.08	22.11	22.06	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	PI/2 BPSK	1	1	22.03	22.05	22.00	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	PI/2 BPSK	1	1	22.05	22.07	22.02	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	22.00	22.04	22.02	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	22.19	22.21	22.14	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	PI/2 BPSK	1	1	22.09	22.12	22.05	23.0	0.0

Part27Q n78_FCC_ANT 4(DSI2/DSI4)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.96		23.0	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		22.39			
100	PI/2 BPSK	135	0		22.18		22.5	0.5
100	PI/2 BPSK	135	69		22.17		23.0	0.0
100	PI/2 BPSK	135	138		22.06		22.5	0.5
100	PI/2 BPSK	270	0		22.09			
100	QPSK	1	1		21.93		23.0	0.0
100	QPSK	1	137		22.26			
100	QPSK	1	271		22.33			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		22.13			
100	QPSK	135	138		22.30			
100	QPSK	270	0		22.21		23.0	0.0
100	16QAM	1	1		21.66		22.0	1.0
100	64QAM	1	1		20.52		21.0	2.0
100	256QAM	1	1		19.51		20.0	3.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	21.92	21.96	21.95	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	21.86	21.89	21.82	23.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	21.79	21.87	21.98	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.97	22.03	22.12	23.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	22.12	22.23	22.26	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	22.12	22.19	22.08	23.0	0.0

Reduced Power Mode for 5G NR

n5_ANT 2(DSI2)

BW [MHz]	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	18.05	18.08	17.99	19.0	0.0
20	PI/2 BPSK	1	53	18.02	18.06	17.98		
20	PI/2 BPSK	1	104	18.05	18.07	18.03		
20	PI/2 BPSK	50	0	18.03	18.05	17.98	19.0	0.0
20	PI/2 BPSK	50	28	18.04	18.07	17.92	19.0	0.0
20	PI/2 BPSK	50	56	18.01	18.04	17.97	19.0	0.0
20	PI/2 BPSK	100	0	18.05	18.06	17.97		
20	QPSK	1	1	18.08	18.05	18.04	19.0	0.0
20	QPSK	1	53	18.02	18.03	17.99		
20	QPSK	1	104	18.03	18.05	18.01		
20	QPSK	50	0	18.04	17.95	18.06	19.0	0.0
20	QPSK	50	28	18.05	18.03	18.04	19.0	0.0
20	QPSK	50	56	17.99	17.99	18.05	19.0	0.0
20	QPSK	100	0	18.03	18.03	18.02		
20	16QAM	1	1	18.03	17.98	18.01	19.0	0.0
20	64QAM	1	1	18.04	18.00	17.95	19.0	0.0
20	256QAM	1	1	17.98	17.99	17.94	19.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	18.03	18.04	17.93	19.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	18.01	18.06	17.94	19.0	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	17.94	18.07	17.89	19.0	0.0

n7_ANT 2(DSI2)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.64	13.71	13.74	14.5	0.0
20	PI/2 BPSK	1	53	13.49	13.58	13.75		
20	PI/2 BPSK	1	104	13.55	13.64	13.71		
20	PI/2 BPSK	50	0	13.54	13.61	13.67	14.5	0.0
20	PI/2 BPSK	50	28	13.55	13.58	13.68	14.5	0.0
20	PI/2 BPSK	50	56	13.56	13.59	13.67	14.5	0.0
20	PI/2 BPSK	100	0	13.60	13.62	13.67		
20	QPSK	1	1	13.69	13.71	13.70	14.5	0.0
20	QPSK	1	53	13.60	13.68	13.72		
20	QPSK	1	104	13.62	13.68	13.72		
20	QPSK	50	0	13.61	13.68	13.70	14.5	0.0
20	QPSK	50	28	13.58	13.66	13.74	14.5	0.0
20	QPSK	50	56	13.65	13.67	13.69	14.5	0.0
20	QPSK	100	0	13.58	13.67	13.71		
20	16QAM	1	1	13.56	13.62	13.70	14.5	0.0
20	64QAM	1	1	13.41	13.48	13.56	14.5	0.0
20	256QAM	1	1	13.44	13.46	13.54	14.5	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	13.57	13.58	13.60	14.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	13.62	13.61	13.54	14.5	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	13.46	13.47	13.59	14.5	0.0

n66_ANT 2(DSI2)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	11.93	11.96	11.90	13.0	0.0
20	PI/2 BPSK	1	53	11.74	11.97	11.69		
20	PI/2 BPSK	1	104	11.66	11.75	11.62		
20	PI/2 BPSK	50	0	11.82	11.89	11.80	13.0	0.0
20	PI/2 BPSK	50	28	11.78	11.90	11.70	13.0	0.0
20	PI/2 BPSK	50	56	11.69	11.77	11.63	13.0	0.0
20	PI/2 BPSK	100	0	11.78	11.83	11.74		
20	QPSK	1	1	11.82	11.80	11.82	13.0	0.0
20	QPSK	1	53	11.77	11.79	11.71		
20	QPSK	1	104	11.74	11.81	11.69		
20	QPSK	50	0	11.84	11.88	11.81	13.0	0.0
20	QPSK	50	28	11.79	11.84	11.75	13.0	0.0
20	QPSK	50	56	11.79	11.81	11.71	13.0	0.0
20	QPSK	100	0	11.73	11.82	11.68		
20	16QAM	1	1	11.88	11.90	11.80	13.0	0.0
20	64QAM	1	1	11.64	11.66	11.61	13.0	0.0
20	256QAM	1	1	11.85	11.92	11.82	13.0	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	11.81	11.92	11.95	13.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	11.89	11.93	11.85	13.0	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	11.86	11.83	11.77	13.0	0.0

n7_ANT 2(DSI3/DSI7)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.21	15.24	15.32	16.0	0.0
20	PI/2 BPSK	1	53	15.09	15.16	15.35		
20	PI/2 BPSK	1	104	15.15	15.23	15.27		
20	PI/2 BPSK	50	0	15.05	15.13	15.19	16.0	0.0
20	PI/2 BPSK	50	28	15.08	15.17	15.21	16.0	0.0
20	PI/2 BPSK	50	56	15.04	15.11	15.14	16.0	0.0
20	PI/2 BPSK	100	0	15.08	15.13	15.18		
20	QPSK	1	1	15.11	15.18	15.21	16.0	0.0
20	QPSK	1	53	15.04	15.06	15.12		
20	QPSK	1	104	15.10	15.12	15.20		
20	QPSK	50	0	15.13	15.18	15.21	16.0	0.0
20	QPSK	50	28	15.14	15.17	15.19	16.0	0.0
20	QPSK	50	56	15.08	15.11	15.17	16.0	0.0
20	QPSK	100	0	15.03	15.08	15.17		
20	16QAM	1	1	15.30	15.34	15.22	16.0	0.0
20	64QAM	1	1	15.16	15.20	15.24	16.0	0.0
20	256QAM	1	1	14.90	15.04	15.12	16.0	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	15.01	15.01	15.10	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	14.92	14.95	15.02	16.0	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	14.93	14.97	15.06	16.0	0.0

n66_ANT 2(DSI3/DSI7)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	14.07	14.10	14.04	15.0	0.0
20	PI/2 BPSK	1	53	13.86	14.11	13.83		
20	PI/2 BPSK	1	104	13.82	13.89	13.76		
20	PI/2 BPSK	50	0	13.87	13.95	13.80	15.0	0.0
20	PI/2 BPSK	50	28	13.84	13.96	13.78	15.0	0.0
20	PI/2 BPSK	50	56	13.83	13.85	13.80	15.0	0.0
20	PI/2 BPSK	100	0	13.88	13.91	13.82		
20	QPSK	1	1	14.06	14.09	13.99	15.0	0.0
20	QPSK	1	53	13.82	13.90	13.80		
20	QPSK	1	104	13.83	13.90	13.76		
20	QPSK	50	0	13.93	13.95	13.87	15.0	0.0
20	QPSK	50	28	13.79	13.88	13.72	15.0	0.0
20	QPSK	50	56	13.82	13.84	13.78	15.0	0.0
20	QPSK	100	0	13.88	13.92	13.80		
20	16QAM	1	1	14.05	14.08	14.03	15.0	0.0
20	64QAM	1	1	13.90	13.94	13.86	15.0	0.0
20	256QAM	1	1	13.96	14.04	13.94	15.0	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	13.79	13.85	13.78	15.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	13.73	13.77	13.73	15.0	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	13.74	13.82	13.70	15.0	0.0

n77_FCC_ANT 4(DSI3/DSI7)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.42	10.54	10.44	11.5	0.0
100	PI/2 BPSK	1	137	10.26	10.32	10.19		
100	PI/2 BPSK	1	271	10.44	10.53	10.39		
100	PI/2 BPSK	135	0	10.08	10.11	10.10	11.5	0.0
100	PI/2 BPSK	135	69	10.48	10.51	10.39	11.5	0.0
100	PI/2 BPSK	135	138	10.38	10.43	10.33	11.5	0.0
100	PI/2 BPSK	270	0	10.33	10.36	10.29		
100	QPSK	1	1	10.22	10.38	10.37	11.5	0.0
100	QPSK	1	137	10.25	10.30	10.21		
100	QPSK	1	271	10.47	10.49	10.35		
100	QPSK	135	0	10.04	10.11	9.96	11.5	0.0
100	QPSK	135	69	10.30	10.35	10.22		
100	QPSK	135	138	10.44	10.51	10.39		
100	QPSK	270	0	10.28	10.37	10.25	11.5	0.0
100	16QAM	1	1	10.01	10.04	9.98	11.5	0.0
100	64QAM	1	1	10.23	10.24	10.30	11.5	0.0
100	256QAM	1	1	10.39	10.38	10.34	11.5	0.0

Par27Q n77_FCC_ANT 4(DSI3/DSI7)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		9.98		11.5	0.0
100	PI/2 BPSK	1	137		10.28			
100	PI/2 BPSK	1	271		10.44			
100	PI/2 BPSK	135	0		10.05		11.5	0.0
100	PI/2 BPSK	135	69		10.42		11.5	0.0
100	PI/2 BPSK	135	138		10.41		11.5	0.0
100	PI/2 BPSK	270	0		10.29			
100	QPSK	1	1		9.98		11.5	0.0
100	QPSK	1	137		10.26			
100	QPSK	1	271		10.43			
100	QPSK	135	0		10.05		11.5	0.0
100	QPSK	135	69		10.27			
100	QPSK	135	138		10.43			
100	QPSK	270	0		10.28		11.5	0.0
100	16QAM	1	1		9.98		11.5	0.0
100	64QAM	1	1		9.83		11.5	0.0
100	256QAM	1	1		9.76		11.5	0.0

n78_FCC_ANT 4(DSI3/DSI7)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.49		11.5	0.0
100	PI/2 BPSK	1	137		10.27			
100	PI/2 BPSK	1	271		10.48			
100	PI/2 BPSK	135	0		10.45		11.5	0.0
100	PI/2 BPSK	135	69		10.42		11.5	0.0
100	PI/2 BPSK	135	138		10.38		11.5	0.0
100	PI/2 BPSK	270	0		10.28			
100	QPSK	1	1		10.30		11.5	0.0
100	QPSK	1	137		10.22			
100	QPSK	1	271		10.47			
100	QPSK	135	0		10.07		11.5	0.0
100	QPSK	135	69		10.26			
100	QPSK	135	138		10.47			
100	QPSK	270	0		10.28		11.5	0.0
100	16QAM	1	1		10.01		11.5	0.0
100	64QAM	1	1		10.21		11.5	1.0
100	256QAM	1	1		10.31		11.5	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	PI/2 BPSK	1	1	10.23	10.31	10.20	11.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	PI/2 BPSK	1	1	10.44	10.25	10.35	11.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	PI/2 BPSK	1	1	10.40	10.38	10.29	11.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	10.38	10.44	10.31	11.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	10.29	10.34	10.31	11.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	PI/2 BPSK	1	1	10.25	10.29	10.33	11.5	0.0

Part27Q n78_FCC_ANT 4(DSI3/DSI7)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		9.96		11.5	0.0
100	PI/2 BPSK	1	137		10.34			
100	PI/2 BPSK	1	271		10.57			
100	PI/2 BPSK	135	0		10.51		11.5	0.0
100	PI/2 BPSK	135	69		10.33		11.5	0.0
100	PI/2 BPSK	135	138		10.50		11.5	0.0
100	PI/2 BPSK	270	0		10.31			
100	QPSK	1	1		9.98		11.5	0.0
100	QPSK	1	137		10.31			
100	QPSK	1	271		10.56			
100	QPSK	135	0		10.09		11.5	0.0
100	QPSK	135	69		10.37			
100	QPSK	135	138		10.45			
100	QPSK	270	0		10.35		11.5	0.0
100	16QAM	1	1		9.98		11.5	0.0
100	64QAM	1	1		9.88		11.5	0.0
100	256QAM	1	1		9.81		11.5	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	10.00	10.11	10.09	11.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	9.99	10.15	10.14	11.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	10.08	10.13	10.15	11.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	10.15	10.09	10.13	11.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	9.88	9.98	10.09	11.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	10.03	10.09	9.97	11.5	0.0

n7_ANT 2(DSI6)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.00	18.07	18.12	19.0	0.0
20	PI/2 BPSK	1	53	18.01	18.09	18.26		
20	PI/2 BPSK	1	104	17.93	17.97	18.00		
20	PI/2 BPSK	50	0	17.87	17.93	17.96	19.0	0.0
20	PI/2 BPSK	50	28	17.99	18.00	18.01	19.0	0.0
20	PI/2 BPSK	50	56	17.85	17.87	17.95	19.0	0.0
20	PI/2 BPSK	100	0	17.86	17.88	17.96		
20	QPSK	1	1	18.00	18.02	18.06	19.0	0.0
20	QPSK	1	53	17.92	17.98	18.04		
20	QPSK	1	104	17.80	17.89	17.98		
20	QPSK	50	0	17.87	17.95	18.02	19.0	0.0
20	QPSK	50	28	17.93	17.98	18.01	19.0	0.0
20	QPSK	50	56	17.82	17.91	17.97	19.0	0.0
20	QPSK	100	0	17.89	17.95	17.99		
20	16QAM	1	1	18.16	18.19	18.25	19.0	0.0
20	64QAM	1	1	17.97	18.02	18.05	19.0	0.0
20	256QAM	1	1	17.35	17.38	17.42	18.0	1.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI/2 BPSK	1	1	17.71	17.80	17.91	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI/2 BPSK	1	1	17.62	17.74	17.82	19.0	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	17.71	17.71	17.82	19.0	0.0

n66_ANT 2(DSI6)

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	18.83	18.95	18.74	20.0	0.0
20	PI/2 BPSK	1	53	18.76	18.96	18.71		
20	PI/2 BPSK	1	104	18.80	18.89	18.70		
20	PI/2 BPSK	50	0	18.85	18.92	18.80	20.0	0.0
20	PI/2 BPSK	50	28	18.74	18.95	18.66	20.0	0.0
20	PI/2 BPSK	50	56	18.72	18.81	18.62	20.0	0.0
20	PI/2 BPSK	100	0	18.77	18.83	18.66		
20	QPSK	1	1	18.88	18.91	18.74	20.0	0.0
20	QPSK	1	53	18.81	18.89	18.79		
20	QPSK	1	104	18.79	18.92	18.74		
20	QPSK	50	0	18.79	18.88	18.72	20.0	0.0
20	QPSK	50	28	18.73	18.84	18.61	20.0	0.0
20	QPSK	50	56	18.72	18.82	18.65	20.0	0.0
20	QPSK	100	0	18.70	18.82	18.63		
20	16QAM	1	1	18.85	18.75	18.77	20.0	0.0
20	64QAM	1	1	18.66	18.79	18.63	20.0	0.0
20	256QAM	1	1	17.49	17.53	17.40	19.0	1.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	18.62	18.70	18.65	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	18.72	18.80	18.72	20.0	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	18.67	18.78	18.68	20.0	0.0

n77_FCC_ANT 4(DSI6)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.81	15.99	15.87	17.0	0.0
100	PI/2 BPSK	1	137	15.68	15.77	15.59		
100	PI/2 BPSK	1	271	15.80	15.98	15.81		
100	PI/2 BPSK	135	0	15.50	15.56	15.53	17.0	0.0
100	PI/2 BPSK	135	69	15.89	15.96	15.82	17.0	0.0
100	PI/2 BPSK	135	138	15.77	15.88	15.73	17.0	0.0
100	PI/2 BPSK	270	0	15.74	15.81	15.72		
100	QPSK	1	1	15.58	15.83	15.77	17.0	0.0
100	QPSK	1	137	15.62	15.75	15.64		
100	QPSK	1	271	15.89	15.94	15.72		
100	QPSK	135	0	15.45	15.56	15.38	17.0	0.0
100	QPSK	135	69	15.70	15.80	15.60		
100	QPSK	135	138	15.86	15.96	15.82		
100	QPSK	270	0	15.65	15.82	15.67	17.0	0.0
100	16QAM	1	1	15.40	15.49	15.40	17.0	0.0
100	64QAM	1	1	15.59	15.69	15.69	17.0	0.0
100	256QAM	1	1	15.75	15.83	15.76	17.0	0.0

Par27Q n77_FCC_ANT 4(DSI6)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.43		17.0	0.0
100	PI/2 BPSK	1	137		15.73			
100	PI/2 BPSK	1	271		15.89			
100	PI/2 BPSK	135	0		15.50		17.0	0.0
100	PI/2 BPSK	135	69		15.87		17.0	0.0
100	PI/2 BPSK	135	138		15.86		17.0	0.0
100	PI/2 BPSK	270	0		15.74			
100	QPSK	1	1		15.37		17.0	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.82			
100	QPSK	135	0		15.41		17.0	0.0
100	QPSK	135	69		15.64			
100	QPSK	135	138		15.79			
100	QPSK	270	0		15.73		17.0	0.0
100	16QAM	1	1		15.43		17.0	0.0
100	64QAM	1	1		15.28		17.0	0.0
100	256QAM	1	1		15.21		17.0	0.0

n78_FCC_ANT 4(DSI6)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.31		17.0	0.0
100	PI/2 BPSK	1	137		16.09			
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.27		17.0	0.0
100	PI/2 BPSK	135	69		16.24		17.0	0.0
100	PI/2 BPSK	135	138		16.20		17.0	0.0
100	PI/2 BPSK	270	0		16.10			
100	QPSK	1	1		16.12		17.0	0.0
100	QPSK	1	137		16.04			
100	QPSK	1	271		16.29			
100	QPSK	135	0		15.89		17.0	0.0
100	QPSK	135	69		16.08			
100	QPSK	135	138		16.29			
100	QPSK	270	0		16.10		17.0	0.0
100	16QAM	1	1		15.83		17.0	0.0
100	64QAM	1	1		16.03		17.0	0.0
100	256QAM	1	1		16.13		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	PI/2 BPSK	1	1	16.25	16.33	16.22	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	PI/2 BPSK	1	1	16.46	16.27	16.33	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	PI/2 BPSK	1	1	16.42	16.40	16.31	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	16.40	16.46	16.33	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	16.31	16.36	16.33	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	PI/2 BPSK	1	1	16.27	16.31	16.35	17.0	0.0

Part27Q n78_FCC_ANT 4(DSI6)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.78		17.0	0.0
100	PI/2 BPSK	1	137		16.16			
100	PI/2 BPSK	1	271		16.39			
100	PI/2 BPSK	135	0		16.33		17.0	0.0
100	PI/2 BPSK	135	69		16.15		17.0	0.0
100	PI/2 BPSK	135	138		16.32		17.0	0.0
100	PI/2 BPSK	270	0		16.13			
100	QPSK	1	1		15.80		17.0	0.0
100	QPSK	1	137		16.13			
100	QPSK	1	271		16.38			
100	QPSK	135	0		15.91		17.0	0.0
100	QPSK	135	69		16.19			
100	QPSK	135	138		16.27			
100	QPSK	270	0		16.17		17.0	0.0
100	16QAM	1	1		15.80		17.0	0.0
100	64QAM	1	1		15.70		17.0	0.0
100	256QAM	1	1		15.63		17.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	16.02	16.13	16.11	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	16.01	16.17	16.16	17.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	16.10	16.15	16.17	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	16.17	16.11	16.15	17.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.90	16.00	22.23	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	16.05	16.11	15.99	17.0	0.0

Conducted Power for WLAN/BT

2.4GHz WLAN ANT 3+6

2.4GHz WLAN ANT 3+6				Full Power		At Head: Power table 1(Standalone)		At Head: Power table 2 (Simultaneous WLAN+WWAN)		At Head: Power table 3 (Simultaneous WLAN DBS+WWAN)		At Head: Power table 4 WLAN DBS		Body Worn: Power Table 1 (Standalone)		Body Worn: Power table 2 (Simultaneous WLAN+WWAN) Hotspot: Power table 1 (WLAN+WWAN)		Body Worn: Power table 3 (Simultaneous WLAN DBS+WWAN) Hotspot: Power table 2 (WLAN DBS+WWAN)		Body Worn: Power table 4 WLAN DBS)		Handheld: Power Table 1 (Standalone) (Full power)		Handheld: Power table 2 (Simultaneous WLAN+WWAN)		Handheld: Power table 3 (Simultaneous WLAN DBS+WWAN)		Handheld: Power table 4 WLAN DBS		
	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	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	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.67	23.00	18.67	20.00	14.07	15.50	12.61	14.00	18.67	20.00	20.09	21.50	15.11	16.50	10.19	11.00	18.65	20.00	21.67	23.00	19.90	21.00	13.12	14.50	21.67	23.00	
		6	2437	21.16	23.00	18.26	20.00	13.66	15.50	12.13	14.00	18.26	20.00	19.68	21.50	14.56	16.50	9.68	11.00	18.29	20.00	21.16	23.00	19.16	21.00	12.61	14.50	21.16	23.00	98.29
		11	2462	21.37	23.00	18.25	20.00	13.85	15.50	12.31	14.00	18.25	20.00	19.66	21.50	14.78	16.50	9.89	11.00	18.25	20.00	21.37	23.00	19.39	21.00	12.85	14.50	21.37	23.00	
	802.11g 6Mbps	1	2412	20.97	22.50	18.00	20.00	Not Required	15.50	Not Required	14.00	18.00	20.00	Not Required	21.50	Not Requinad	16.50	Not Required	11.00	Not Required	20.00	20.97	22.50	Not Required	21.00	Not Required	14.50	20.97	22.50	
		6	2437	21.31	23.00	18.31	20.00		15.50		14.00	18.31	20.00		21.50		16.50		11.00		20.00	21.31	23.00		21.00		14.50	21.31	23.00	99.05
		11	2462	21.48	23.00	18.48	20.00		15.50		14.00	18.48	20.00		21.50		16.50		11.00		20.00	21.48	23.00		21.00		14.50	21.48	23.00	
	802.11n-HT20 MCS0	1	2412	20.82	22.50	Not Required	20.00		15.50		14.00	Not Required	20.00		21.50		16.50		11.00		20.00	20.82	22.50		21.00		14.50	20.82	22.50	
		6	2437	21.21	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.21	23.00		21.00		14.50	21.21	23.00	100.00
		11	2462	21.37	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.37	23.00		21.00		14.50	21.37	23.00	
	802.11ac-VHT20 MCS0	1	2412	20.72	22.50		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	20.72	22.50		21.00		14.50	20.72	22.50	
		6	2437	21.06	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.06	23.00		21.00		14.50	21.06	23.00	100.00
		11	2462	21.21	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.21	23.00		21.00		14.50	21.21	23.00	
	802.11ax-HE20 MCS0	1	2412	20.42	22.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	20.42	22.00		21.00		14.50	20.42	22.00	
		6	2437	21.26	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.26	23.00		21.00		14.50	21.26	23.00	100.00
		11	2462	21.37	23.00		20.00		15.50		14.00		20.00		21.50		16.50		11.00		20.00	21.37	23.00		21.00		14.50	21.37	23.00	

Note: The 2.4GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.2GHz WLAN-ANT5+6

5.2GHz WLAN ANT 5+6				Full Power		At Head: Power table 1(Standalone) (Full Power)		At Head: Power table 2 (Simultaneous WLAN+WWAN) (Full Power)		At Head: Power table 3 (Simultaneous WLAN DBS+WWAN) (Full power)		At Head: Power table 4 WLAN DBS		Body Worn: Power Table 1 (Standalone)		Body Worn: Power table 2 (Simultaneous WLAN+WWAN) Hotspot: Power table 1 (WLAN+WWAN)		Body Worn: Power table 3 (Simultaneous WLAN DBS+WWAN) Hotspot: Power table 2 (WLAN DBS+WWAN)		Body Worn: Power table 4 WLAN DBS)		Handheld: Power Table 1 (Standalone)		Handheld: Power table 2 (Simultaneous WLAN+WWAN)		Handheld: Power table 3 (Simultaneous WLAN DBS+WWAN)		Handheld: Power table 4 WLAN DBS)		
	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	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	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.51	20.00	18.51	20.00	18.51	20.00	18.51	20.00	18.51	20.00	Not Required	14.00	Not Required	9.00	Not Required	8.00	Not Required	13.00	Not Required	19.00	Not Required	16.00	Not Required	14.00	Not Required	18.00	99.27
		40	5200	18.69	20.00	18.69	20.00	18.69	20.00	18.69	20.00	18.69	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		44	5220	18.80	20.00	18.80	20.00	18.80	20.00	18.80	20.00	18.80	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		48	5240	18.60	20.00	18.60	20.00	18.60	20.00	18.60	20.00	18.60	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11n-HT20 MCS0	36	5180	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		40	5200	18.57	20.00	18.57	20.00	18.57	20.00	18.57	20.00	18.57	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		44	5220	18.62	20.00	18.62	20.00	18.62	20.00	18.62	20.00	18.62	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		48	5240	18.48	20.00	18.48	20.00	18.48	20.00	18.48	20.00	18.48	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11n-HT40 MCS0	38	5190	17.12	19.00	17.12	19.00	17.12	19.00	17.12	19.00	17.12	19.00		14.00		9.00		8.00		13.00	17.42	19.00		16.00		14.00		18.00	100.00
		46	5230	18.72	19.50	18.72	19.50	18.72	19.50	18.72	19.50	18.72	19.50		14.00		9.00		8.00		13.00	17.70	19.00		16.00		14.00		18.00	
	802.11ac-VHT20 MCS0	36	5180	18.48	20.00	18.48	20.00	18.48	20.00	18.48	20.00	18.48	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		40	5200	18.49	20.00	18.49	20.00	18.49	20.00	18.49	20.00	18.49	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		44	5220	18.54	20.00	18.54	20.00	18.54	20.00	18.54	20.00	18.54	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		48	5240	18.40	20.00	18.40	20.00	18.40	20.00	18.40	20.00	18.40	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ac-VHT40 MCS0	38	5190	17.03	19.00	17.03	19.00	17.03	19.00	17.03	19.00	17.03	19.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		46	5230	18.65	19.50	18.65	19.50	18.65	19.50	18.65	19.50	18.65	19.50		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ac-VHT80 MCS0	42	5210	16.48	18.00	16.48	18.00	16.48	18.00	16.48	18.00	16.48	18.00	12.88	14.00	7.73	9.00	6.69	8.00	11.64	13.00		18.00	14.65	16.00	12.33	14.00	16.48	18.00	100.00
	802.11ax-HE20 MCS0	36	5180	17.74	19.50	17.74	19.50	17.74	19.50	17.74	19.50	17.74	19.50	Not Required	14.00	Not Required	9.00	Not Required	8.00	Not Required	13.00		19.00	Not Required	16.00	Not Required	14.00		18.00	100.00
		40	5200	18.28	20.00	18.28	20.00	18.28	20.00	18.28	20.00	18.28	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		44	5220	18.75	20.00	18.75	20.00	18.75	20.00	18.75	20.00	18.75	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		48	5240	18.59	20.00	18.59	20.00	18.59	20.00	18.59	20.00	18.59	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ax-HE40 MCS0	38	5190	16.48	18.00	16.48	18.00	16.48	18.00	16.48	18.00	16.48	18.00		14.00		9.00		8.00		13.00		18.00		16.00		14.00		18.00	100.00
		46	5230	18.76	19.50	18.76	19.50	18.76	19.50	18.76	19.50	18.76	19.50		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ax-HE80 MCS0	42	5210	16.49	18.00	16.49	18.00	16.49	18.00	16.49	18.00	16.49	18.00		14.00		9.00		8.00		13.00		18.00		16.00		14.00		18.00	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.3GHz WLAN ANT 5+6

5.3GHz WLAN ANT 5+6				Full Power		At Head: Power table 1(Standalone) (Full Power)		At Head: Power table 2 (Simultaneous WLAN+WWAN) (Full Power)		At Head: Power table 3 (Simultaneous WLAN DBS+WWAN) (Full power)		At Head: Power table 4 WLAN DBS		Body Worn: Power Table 1 (Standalone)		Body Worn: Power table 2 (Simultaneous WLAN+WWAN)		Body Worn: Power table 3 (Simultaneous WLAN DBS+WWAN)		Body Worn: Power table 4 WLAN DBS)		Handheld: Power Table 1 (Standalone)		Handheld: Power table 2 (Simultaneous WLAN+WWAN)		Handheld: Power table 3 (Simultaneous WLAN DBS+WWAN)		Handheld: Power table 4 WLAN DBS)		
	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	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	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.59	20.00	18.59	20.00	18.59	20.00	18.59	20.00	18.59	20.00	Not Required	14.00	Not Required	9.00	Not Required	8.00	Not Required	13.00	Not Required	19.00	Not Required	16.00	Not Required	14.00	Not Required	18.00	99.27
		56	5280	18.53	20.00	18.53	20.00	18.53	20.00	18.53	20.00	18.53	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		60	5300	19.01	20.00	19.01	20.00	19.01	20.00	19.01	20.00	19.01	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		64	5320	18.34	20.00	18.34	20.00	18.34	20.00	18.34	20.00	18.34	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11n-HT20 MCS0	52	5260	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		56	5280	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		60	5300	18.78	20.00	18.78	20.00	18.78	20.00	18.78	20.00	18.78	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		64	5320	18.65	20.00	18.65	20.00	18.65	20.00	18.65	20.00	18.65	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11n-HT40 MCS0	54	5270	18.97	19.50	18.97	19.50	18.97	19.50	18.97	19.50	18.97	19.50		14.00		9.00		8.00		13.00	17.87	19.00		16.00		14.00		18.00	100.00
		62	5310	17.08	19.00	17.08	19.00	17.08	19.00	17.08	19.00	17.08	19.00		14.00		9.00		8.00		13.00	17.38	19.00		16.00		14.00		18.00	
	802.11ac-VHT20 MCS0	52	5260	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		56	5280	18.37	20.00	18.37	20.00	18.37	20.00	18.37	20.00	18.37	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		60	5300	18.71	20.00	18.71	20.00	18.71	20.00	18.71	20.00	18.71	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		64	5320	18.63	20.00	18.63	20.00	18.63	20.00	18.63	20.00	18.63	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ac-VHT40 MCS0	54	5270	18.88	19.50	18.88	19.50	18.88	19.50	18.88	19.50	18.88	19.50		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		62	5310	16.99	18.50	16.99	18.50	16.99	18.50	16.99	18.50	16.99	18.50		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ac-VHT80 MCS0	58	5290	16.45	18.00	16.45	18.00	16.45	18.00	16.45	18.00	16.45	18.00	12.89	14.00	8.21	9.00	7.19	8.00	11.75	13.00		18.00	14.93	16.00	12.44	14.00	16.45	18.00	100.00
	802.11ax-HE20 MCS0	52	5260	18.62	20.00	18.62	20.00	18.62	20.00	18.62	20.00	18.62	20.00	Not Required	14.00	Not Required	9.00	Not Required	8.00	Not Required	13.00	Not Required	19.00	Not Required	16.00	Not Required	14.00	Not Required	18.00	100.00
		56	5280	18.54	20.00	18.54	20.00	18.54	20.00	18.54	20.00	18.54	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		60	5300	18.87	20.00	18.87	20.00	18.87	20.00	18.87	20.00	18.87	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
		64	5320	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00	18.50	20.00		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	
	802.11ax-HE40 MCS0	54	5270	18.76	19.50	18.76	19.50	18.76	19.50	18.76	19.50	18.76	19.50		14.00		9.00		8.00		13.00		19.00		16.00		14.00		18.00	100.00
		62	5310	16.96	18.50	16.96	18.50	16.96	18.50	16.96	18.50	16.96	18.50		14.00		9.00		8.00		13.00		18.50		16.00		14.00		18.00	
	802.11ax-HE80 MCS0	58	5290	15.96	17.50	15.96	17.50	15.96	17.50	15.96	17.50	15.96	17.50		14.00		9.00		8.00		13.00		17.50		16.00		14.00		17.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.5GHz WLAN ANT 5+6

5.5GHz WLAN ANT 5+6				Full Power		At Head: Power table 1(Standalone) (Full Power)		At Head: Power table 2 (Simultaneous WLAN+WWAN) (Full Power)		At Head: Power table 3 (Simultaneous WLAN DBS+WWAN)		At Head: Power table 4 WLAN DBS		Body Worn: Power Table 1 (Standalone)		Body Worn: Power table 2 (Simultaneous WLAN+WWAN)		Body Worn: Power table 3 (Simultaneous WLAN DBS+WWAN)		Body Worn: Power table 4 WLAN DBS)		Handheld: Power Table 1 (Standalone)		Handheld: Power table 2 (Simultaneous WLAN+WWAN)		Handheld: Power table 3 (Simultaneous WLAN DBS+WWAN)		Handheld: Power table 4 WLAN DBS)		
	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	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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.12	19.50	18.12	19.50	18.12	19.50	Not Required	17.00	18.12	19.50	Not Required	13.00	Not Required	7.50	Not Required	6.00	Not Required	11.00	Not Required	19.50	Not Required	14.00	Not Required	13.00	Not Required	18.00	99.27
		116	5580	19.21	20.00	19.21	20.00	19.21	20.00		17.00	19.21	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		132	5660	19.28	20.00	19.28	20.00	19.28	20.00		17.00	19.28	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		140	5700	17.86	19.50	17.86	19.50	17.86	19.50		17.00	17.86	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11n-HT20 MCS0	100	5500	18.72	20.00	18.72	20.00	18.72	20.00		17.00	18.72	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	100.00
		116	5580	18.48	20.00	18.48	20.00	18.48	20.00		17.00	18.48	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		132	5660	19.18	20.00	19.18	20.00	19.18	20.00		17.00	19.18	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		140	5700	18.12	20.00	18.12	20.00	18.12	20.00		17.00	18.12	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11n-HT40 MCS0	102	5510	17.06	18.50	17.06	18.50	17.06	18.50		17.00	17.06	18.50		13.00		7.50		6.00		11.00	17.36	18.50		14.00		13.00	17.02	18.00	100.00
		110	5550	18.47	19.50	18.47	19.50	18.47	19.50		17.00	18.47	19.50		13.00		7.50		6.00		11.00	18.13	19.50		14.00		13.00	17.14	18.00	
		134	5670	18.47	19.50	18.47	19.50	18.47	19.50		17.00	18.47	19.50		13.00		7.50		6.00		11.00	18.43	19.50		14.00		13.00	17.19	18.00	
	802.11ac-VHT20 MCS0	100	5500	18.51	20.00	18.51	20.00	18.51	20.00		17.00	18.51	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	100.00
		116	5580	18.40	20.00	18.40	20.00	18.40	20.00		17.00	18.40	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		132	5660	19.12	20.00	19.12	20.00	19.12	20.00		17.00	19.12	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		140	5700	18.10	20.00	18.10	20.00	18.10	20.00		17.00	18.10	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11ac-VHT40 MCS0	102	5510	16.99	18.50	16.99	18.50	16.99	18.50		17.00	16.99	18.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		17.50	100.00
		110	5550	18.42	19.50	18.42	19.50	18.42	19.50		17.00	18.42	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		134	5670	18.41	19.50	18.41	19.50	18.41	19.50		17.00	18.41	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11ac-VHT80 MCS0	106	5530	15.63	17.00	15.63	17.00	15.63	17.00	15.63	17.00	15.63	17.00	11.73	13.00	6.53	7.50	4.71	6.00	9.85	11.00		17.50	12.99	14.00	11.72	13.00		17.50	100.00
	802.11ax-HE20 MCS0	100	5500	17.74	19.50	17.74	19.50	17.74	19.50	Not Required	17.00	17.74	19.50	Not Required	13.00	Not Required	7.50	Not Required	6.00	Not Required	11.00	Not Required	19.50	Not Required	14.00	Not Required	13.00	Not Required	18.00	100.00
		116	5580	18.58	20.00	18.58	20.00	18.58	20.00		17.00	18.58	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		132	5660	18.22	20.00	18.22	20.00	18.22	20.00		17.00	18.22	20.00		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		140	5700	17.85	19.50	17.85	19.50	17.85	19.50		17.00	17.85	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11ax-HE40 MCS0	102	5510	16.50	18.50	16.50	18.50	16.50	18.50		17.00	16.50	18.50		13.00		7.50		6.00		11.00		18.50		14.00		13.00		18.00	100.00
		110	5550	18.35	19.50	18.35	19.50	18.35	19.50		17.00	18.35	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
		134	5670	18.34	19.50	18.34	19.50	18.34	19.50		17.00	18.34	19.50		13.00		7.50		6.00		11.00		19.50		14.00		13.00		18.00	
	802.11ax-HE80 MCS0	106	5530	15.62	17.00	15.62	17.00	15.62	17.00		17.00	15.62	17.00		13.00		7.50		6.00		11.00		17.50		14.00		13.00		17.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.8GHz WLAN ANT 5+6

5.8GHz WLAN ANT 5+6				Full Power		At Head: Power table 1(Standalone) (Full Power)		At Head: Power table 2 (Simultaneous WLAN+WWAN) (Full Power)		At Head: Power table 3 (Simultaneous WLAN DBS+WWAN)		At Head: Power table 4 WLAN DBS		Body Worn: Power Table 1 (Standalone)		Body Worn: Power table 2 (Simultaneous WLAN+WWAN) Hotspot: Power table 1 (WLAN+WWAN)		Body Worn: Power table 3 (Simultaneous WLAN DBS+WWAN/WLAN DBS) Hotspot: Power table 2 (WLAN DBS+WWAN)		Body Worn: Power table 4 WLAN DBS)		Handheld: Power Table 1 (Standalone)		Handheld: Power table 2 (Simultaneous WLAN+WWAN)		Handheld: Power table 3 (Simultaneous WLAN DBS+WWAN)		Handheld: Power table 4 WLAN DBS)		
	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	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	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.35	20.50	19.35	20.50	19.35	20.50	Not Required	19.00	19.35	20.50	Not Required	14.00	Not Required	9.00	Not Required	8.50	Not Required	12.50	Not Required	20.00	Not Required	16.00	Not Required	14.00	Not Required	19.50	99.27
		157	5785	19.26	20.50	19.26	20.50	19.26	20.50		19.00	19.26	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
		165	5825	19.33	20.50	19.33	20.50	19.33	20.50		19.00	19.33	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
	802.11n-HT20 MCS0	149	5745	19.23	20.50	19.23	20.50	19.23	20.50		19.00	19.23	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	100.00
		157	5785	19.21	20.50	19.21	20.50	19.21	20.50		19.00	19.21	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
		165	5825	19.24	20.50	19.24	20.50	19.24	20.50		19.00	19.24	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
	802.11n-HT40 MCS0	151	5755	19.59	20.50	19.59	20.50	19.59	20.50		19.00	19.59	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	100.00
		159	5795	19.51	20.50	19.51	20.50	19.51	20.50		19.00	19.51	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
	802.11ac-VHT20 MCS0	149	5745	19.26	20.50	19.26	20.50	19.26	20.50		19.00	19.26	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	100.00
		157	5785	19.06	20.50	19.06	20.50	19.06	20.50		19.00	19.06	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
		165	5825	19.29	20.50	19.29	20.50	19.29	20.50		19.00	19.29	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
	802.11ac-VHT40 MCS0	151	5755	19.50	20.50	19.50	20.50	19.50	20.50		19.00	19.50	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	100.00
		159	5795	19.42	20.50	19.42	20.50	19.42	20.50		19.00	19.42	20.50		14.00		9.00		8.50		12.50		20.00		16.00		14.00		19.50	
	802.11ac-VHT80 MCS0	155	5775	19.54	20.50	19.54	20.50	19.54	20.50	17.58	19.00	19.54	20.50	13.02	14.00	7.99	9.00	7.56	8.50	11.13	12.50	18.96	20.00	14.85	16.00	13.02	14.00	18.20	19.50	100.00
	802.11ax-HE20 MCS0	149	5745	19.30	20.50	19.30	20.50	19.30	20.50	Not Required	19.00	19.30	20.50	Not Required	14.00	Not Required	9.00	Not Required	8.50	Not Required	12.50	Not Required	20.00	Not Required	16.00	Not Required	14.00	Not Required	19.50	100.00
		157	5785	19.12	20.50	19.12	20.50	19.12	20.50		19.00	19.12	20.50		14.00		9.00		8.50		12.50		20.00		16

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	10.10	10.10	10.20	7.80	7.80	7.90	7.80	7.80	7.90	12
	CH 39	2441	11.20	11.20	**11.30**	8.90	8.90	**9.00**	8.90	8.90	**9.00**	
	CH 78	2480	10.00	10.00	10.10	7.80	7.80	7.90	7.80	7.80	7.90	

BT LE v4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	8.30
	CH 19	2440	9.40
	CH 39	2480	8.10
Tune-up Limit			10

BT LE v5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	8.30	8.40
	CH 19	2440	9.40	9.50
	CH 39	2480	8.10	8.20
Tune-up Limit			10	10

Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

RF exposure position											Aperture 0 Average Value of Time Sweep (W/kg)														
WWAN_Ant 1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
	WCDMA V	RMC 12.2Kbps	Full Power	4233	846.6	N/A	N/A	Right Cheek	0mm	0.289	0.245	0.239	0.22	0.23	0.222	0.134	0.15	0	0	0	0.044	0.102	0	0.048	0.075
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	1	11	21	31	41	51	61	71	81	91	101	111	121	131	141
	WCDMA IV	RMC 12.2Kbps	Full Power	1413	1732.6	N/A	N/A	Left Cheek	0mm	0.136	0.073	0.06	0.089	0.084	0.06	0.066	0.047	0.105	0.101	0.12	0.09	0	0.052	0	0
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	2	12	22	32	42	52	62	72	82	92	102	112	122	132	142
	WCDMA II	RMC 12.2Kbps	Full Power	9538	1907.6	N/A	N/A	Left Cheek	0mm	0.0539	0.053	0.048	0.047	0	0	0	0.042	0	0.0527	0.048	0	0.0532	0	0	0.005
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	3	13	23	33	43	53	63	73	83	93	103	113	123	133	143
	LTE Band 12	10M-QPSK	Full Power	23095	707.5	1	25	Right Cheek	0mm	0.191	0	0.012	0.014	0	0.006	0	0.015	0.024	0.019	0.035	0	0.03	0	0.042	0
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	4	14	24	34	44	54	64	74	84	94	104	114	124	134	0
	LTE Band 13	10M-QPSK	Full Power	23230	782	1	25	Right Cheek	0mm	0.254	0.193	0.082	0	0	0.044	0	0.044	0.073	0.053	0.078	0	0	0	0.083	0.045
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	1
	LTE Band 26	15M-QPSK	Full Power	26865	831.5	1	37	Right Cheek	0mm	0.326	0.072	0.091	0	0	0	0	0.06	0.048	0	0	0	0.023	0	0.015	0.008
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	6	16	26	36	46	56	66	76	86	96	106	116	126	136	2
	LTE Band 66	20M-QPSK	Full Power	132322	1745	1	49	Left Cheek	0mm	0.174	0.143	0.14	0.07	0.094	0.154	0.146	0.086	0.055	0.096	0.067	0.103	0.115	0	0.044	0.023
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	7	17	27	37	47	57	67	77	87	97	107	117	127	137	3
	LTE Band 2	20M-QPSK	Full Power	19100	1900	1	49	Left Cheek	0mm	0.231	0.06	0.058	0.068	0.046	0.059	0	0	0	0	0	0.042	0	0.095	0	0.056
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	8	18	28	38	48	58	68	78	88	98	108	118	128	138	4
	LTE Band 7	20M-QPSK	Full Power	21100	2535	1	49	Right Cheek	0mm	0.328	0.275	0.244	0.24	0.192	0.212	0.187	0.167	0.129	0.187	0.167	0.13	0.136	0.124	0.211	0.126
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	9	19	29	39	49	59	69	79	89	99	109	119	129	139	5
	LTE Band 41	20M-QPSK	Full Power	40185	2549.5	1	49	Right Cheek	0mm	0.118	0.115	0.109	0.097	0.08	0.092	0.08	0.076	0.056	0.084	0.088	0.052	0.055	0.046	0.035	0.021
WWAN_Ant 1 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	6
	WCDMA V	RMC 12.2Kbps	Hotspot on	4182	836.4	N/A	N/A	Back	5mm	1.02	0.969	0.925	0.861	0.896	0.835	0.514	0.6	0	0	0	0.146	0.407	0.133	0.188	0.285
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	1	11	21	31	41	51	61	71	81	91	101	111	121	131	7
	WCDMA IV	RMC 12.2Kbps	Hotspot on	1513	1752.6	N/A	N/A	Bottom Side	5mm	0.736	0.591	0.453	0.693	0.639	0.523	0.589	0.455	0.619	0.714	0.731	0.643	0.287	0.423	0.334	0.28
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	2	12	22	32	42	52	62	72	82	92	102	112	122	132	8
	WCDMA II	RMC 12.2Kbps	Hotspot on	9262	1852.4	N/A	N/A	Bottom Side	5mm	1.01	0.711	0.768	0.509	0.442	0.356	0.384	0.404	0.472	0.964	0.616	0.296	0.66	0.26	0.204	0.166
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	3	13	23	33	43	53	63	73	83	93	103	113	123	133	9
	LTE Band 12	10M-QPSK	Full power	23095	707.5	1	25	Back	5mm	0.584	0.1	0	0.065	0.046	0	0	0.012	0	0.056	0	0.096	0	0.06	0	0.01
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	4	14	24	34	44	54	64	74	84	94	104	114	124	134	10
	LTE Band 13	10M-QPSK	Full power	23230	782	1	25	Back	5mm	0.778	0.699	0.458	0.15	0	0.131	0.054	0.263	0.385	0.174	0.343	0.07	0.05	0.082	0.345	0.23
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	5	15	25	35	45	55	65	75	85	95	105	115	125	135	11
	LTE Band 26	15M-QPSK	Hotspot on	26865	831.5	1	37	Back	5mm	0.959	0.448	0.489	0.119	0.182	0.05	0.125	0.494	0.575	0.119	0.326	0	0	0.371	0.246	0.195
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	6	16	26	36	46	56	66	76	86	96	106	116	126	136	12
	LTE Band 66	20M-QPSK	Hotspot on	132322	1745	50	24	Bottom Side	5mm	1.12	1.08	0.963	0.665	0.685	1.1	1.06	0.636	0.469	0.688	0.578	0.938	0.812	0.388	0.452	0.11
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	7	17	27	37	47	57	67	77	87	97	107	117	127	137	13
	LTE Band 2	20M-QPSK	Hotspot on	18900	1880	50	24	Bottom Side	5mm	0.976	0.454	0.488	0.465	0.402	0.59	0.482	0.273	0.198	0.296	0.247	0.376	0.277	0.769	0.126	0.089
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	8	18	28	38	48	58	68	78	88	98	108	118	128	138	14
	LTE Band 7	20M-QPSK	Hotspot on	20850	2510	50	24	Bottom Side	5mm	1.03	0.567	0.508	0.503	0.399	0.448	0.398	0.34	0.255	0.393	0.324	0.245	0.263	0.249	0.509	0.33
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	9	19	29	39	49	59	69	79	89	99	109	119	129	139	15
	LTE Band 41	20M-QPSK	Hotspot on	39750	2506	50	24	Bottom Side	5mm	1.08	0.629	0.56	0.502	0.436	0.46	0.457	0.374	0.302	0.422	0.544	0.283	0.312	0.255	0.204	0.165

RF exposure position											Aperture 0 Average Value of Time Sweep (W/kg)																																																								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
WWAN_Ant 1 Head	GSM850	GPRS(3 Tx slots)	Full Power	128	824.2	N/A	N/A	Right Cheek	0mm	0.291	0.162	0	0.062	0.135	0.157	0.222	0.052	0.089	0.151	0.181	0.196	0.181	0.104	0	0.186	0.219	0.182	0	0.054	0.218	0.174	0.087	0	0	0.037	0.099	0.139	0	0.073	0.112	0.103	0	0.124	0.133	0.113	0
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	61	63	65	67	69	71
	GSM1900	GPRS(2 Tx slots)	Full Power	661	1880	N/A	N/A	Left Cheek	0mm	0.0833	0.008	0	0.006	0.012	0	0.023	0	0	0.009	0	0.011	0.013	0	0	0.016	0	0.023	0	0	0.005	0.008	0	0	0.002	0	0.009	0	0	0.004	0	0.015	0	0.016	0	0.013	0.02
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142
WWAN_Ant 1 Body	GSM850	GPRS(3 Tx slots)	Hotspot on	189	836.4	N/A	N/A	Back	5mm	0.989	0.163	0.432	0.377	0.376	0	0	0.042	0.144	0.249	0	0.06	0.13	0.231	0.361	0.082	0.298	0.267	0	0.261	0.335	0	0	0	0.051	0.096	0.125	0.156	0	0	0.135	0.231	0.11	0.196	0	0.207	0.211
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	73	75	77	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	115	117	119	121	123	125	127	129	131	133	135	137	139	141	143
	GSM1900	GPRS(2 Tx slots)	Hotspot on	661	1880	N/A	N/A	Bottom Side	5mm	0.96	0.208	0.199	0.192	0.182	0.957	0.669	0.431	0.336	0.263	0.695	0.335	0.264	0.232	0.517	0.339	0.199	0.298	0.312	0.179	0.198	0.951	0.159	0.302	0.219	0.227	0.191	0.191	0.947	0.229	0.15	0.817	0.167	0.135	0.166	0.156	0.101