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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

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 assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016

c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010

d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

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%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	3900 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	37.5	3.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	37.1 ± 6 %	3.31 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.80 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**67.9 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.38 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.7 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49.9Ω - 6.11jΩ
Return Loss	- 24.3dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.013 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

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DASY5 Validation Report for Head TSL Date: 10.25.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole D3900V2; Type: D3900V2; Serial: D3900V2 - SN: 1055

Communication System: CW; Frequency: 3900 MHz

Medium parameters used: f = 3900 MHz; σ = 3.31 S/m; ε_r = 37.12; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(6.36, 6.36, 6.36) @ 3900 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole Calibration /Pin=100mW, d=10mm, f=3900 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 69.07 V/m; Power Drift = -0.03 dB

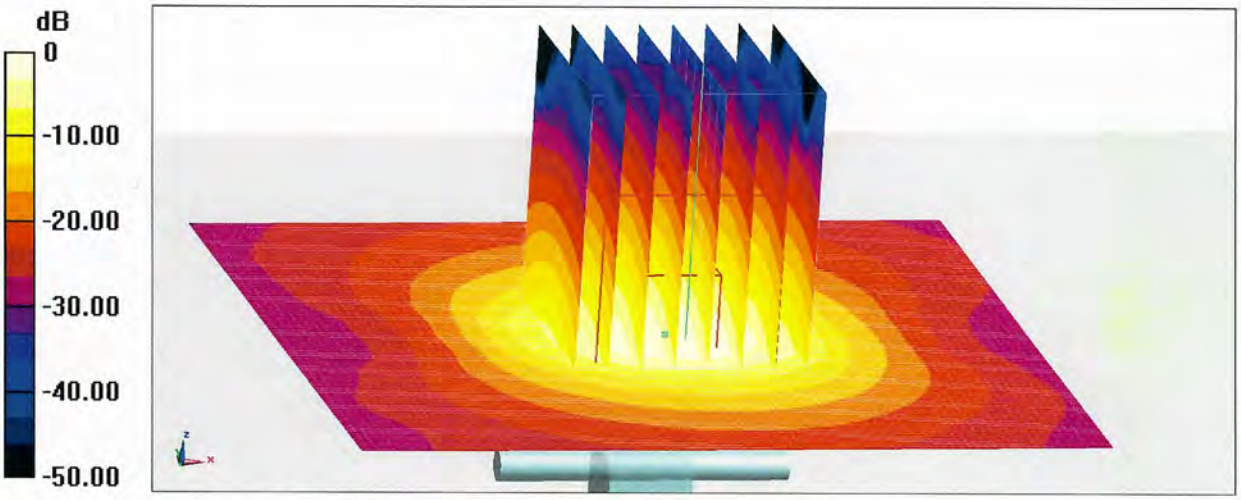
Peak SAR (extrapolated) = 20.0 W/kg

SAR(1 g) = 6.8 W/kg; SAR(10 g) = 2.38 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 72.6%

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

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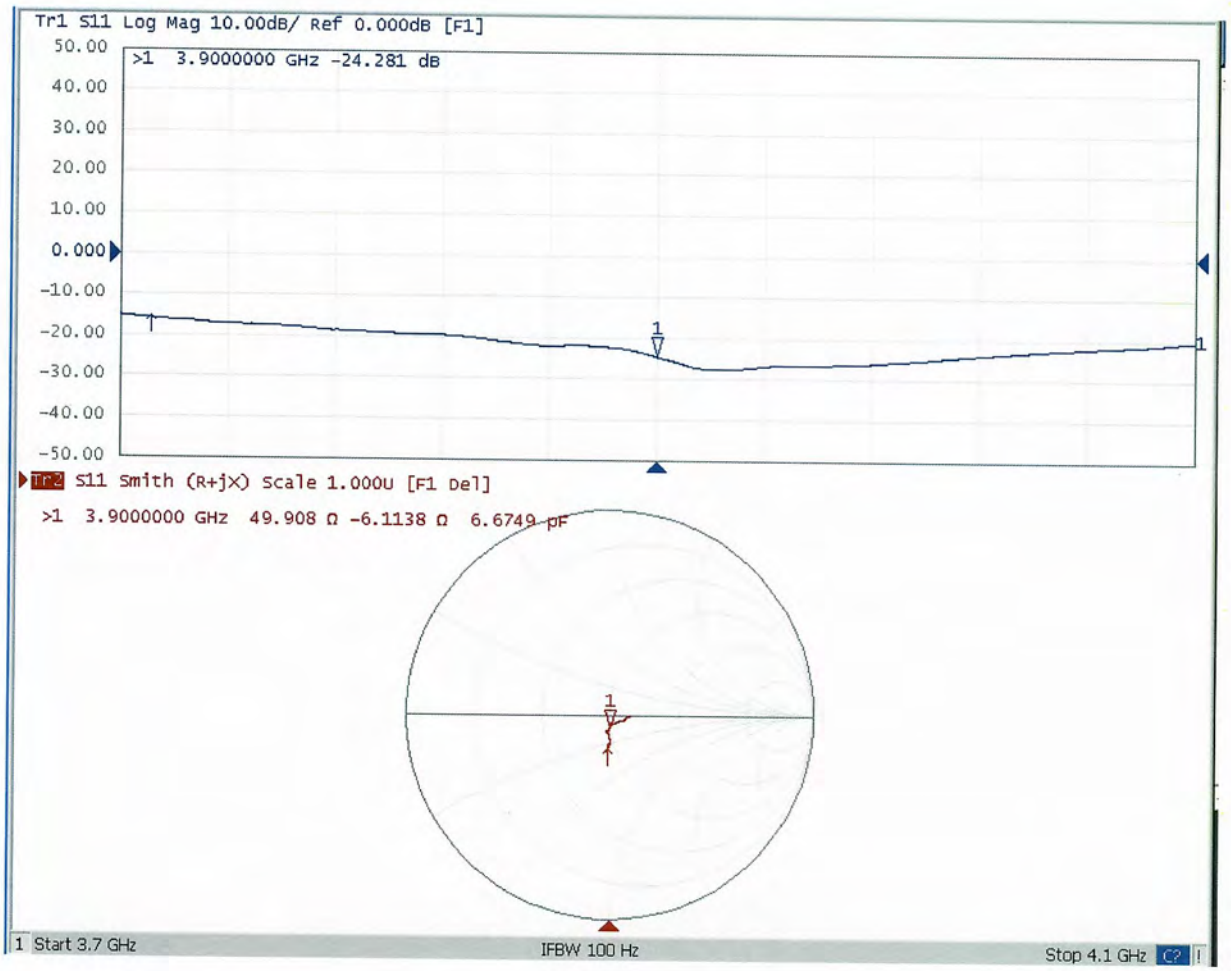
Impedance Measurement Plot for Head TSL



D3900V2 - SN: 1055 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

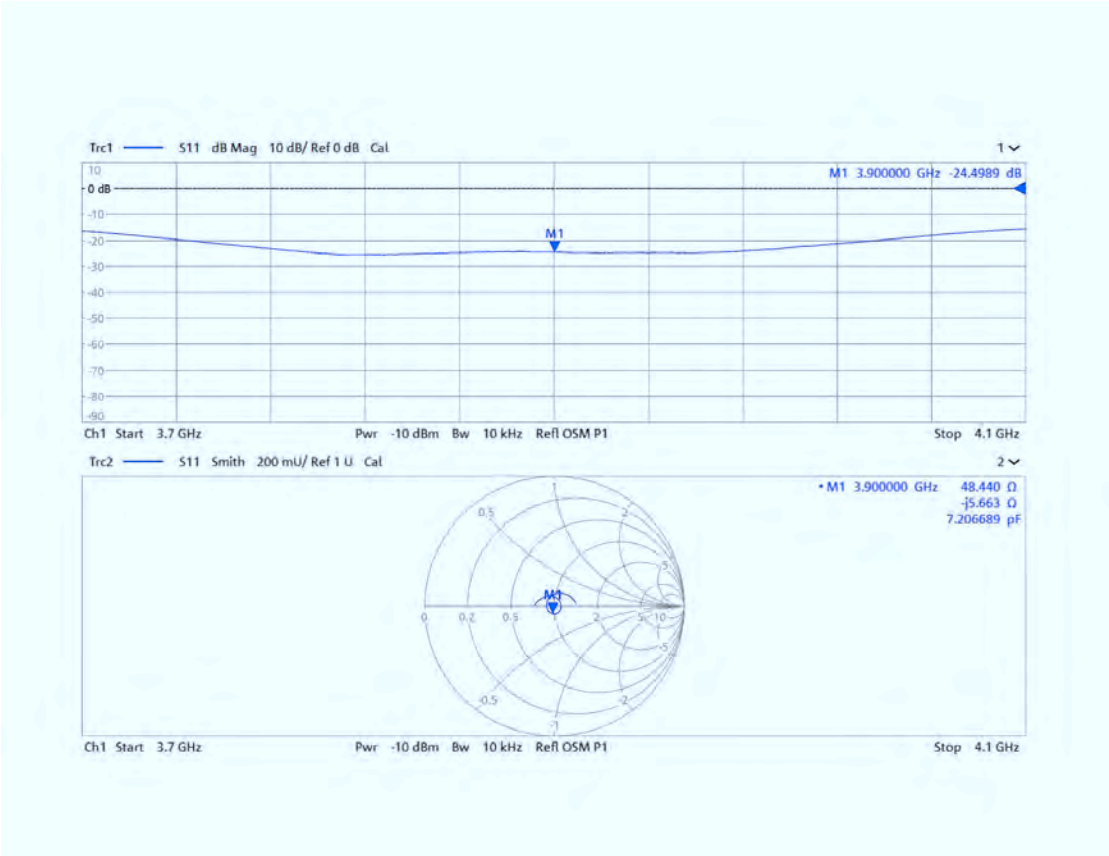
D3900V2 - SN: 1055						
3900MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.25.2021	-24.3		49.9		-6.11	
10.24.2022	-24.50	0.82	48.44	-1.46	-5.66	0.45
10.23.2023	-27.48	13.09	53.56	3.66	-2.37	3.75

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

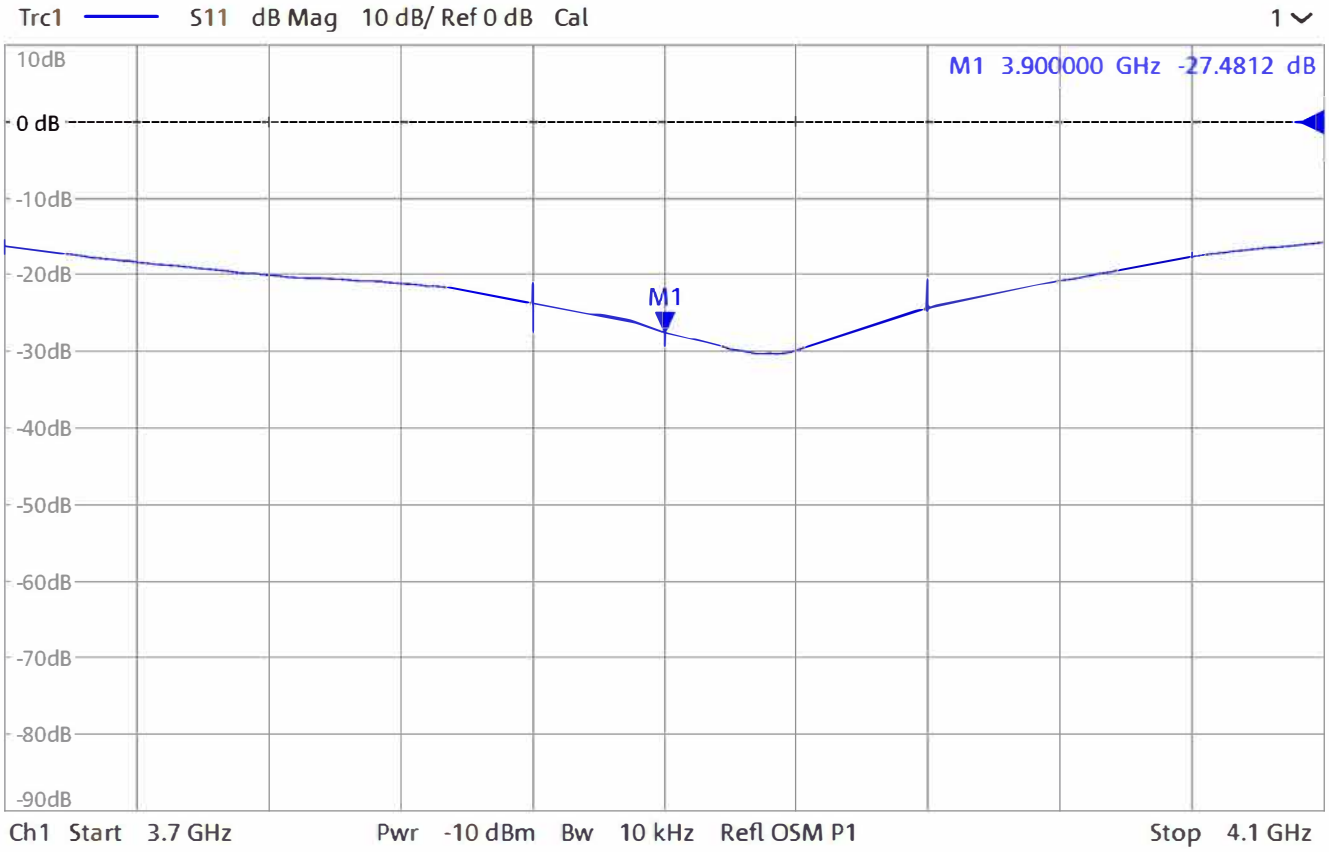
<Dipole Verification Data>

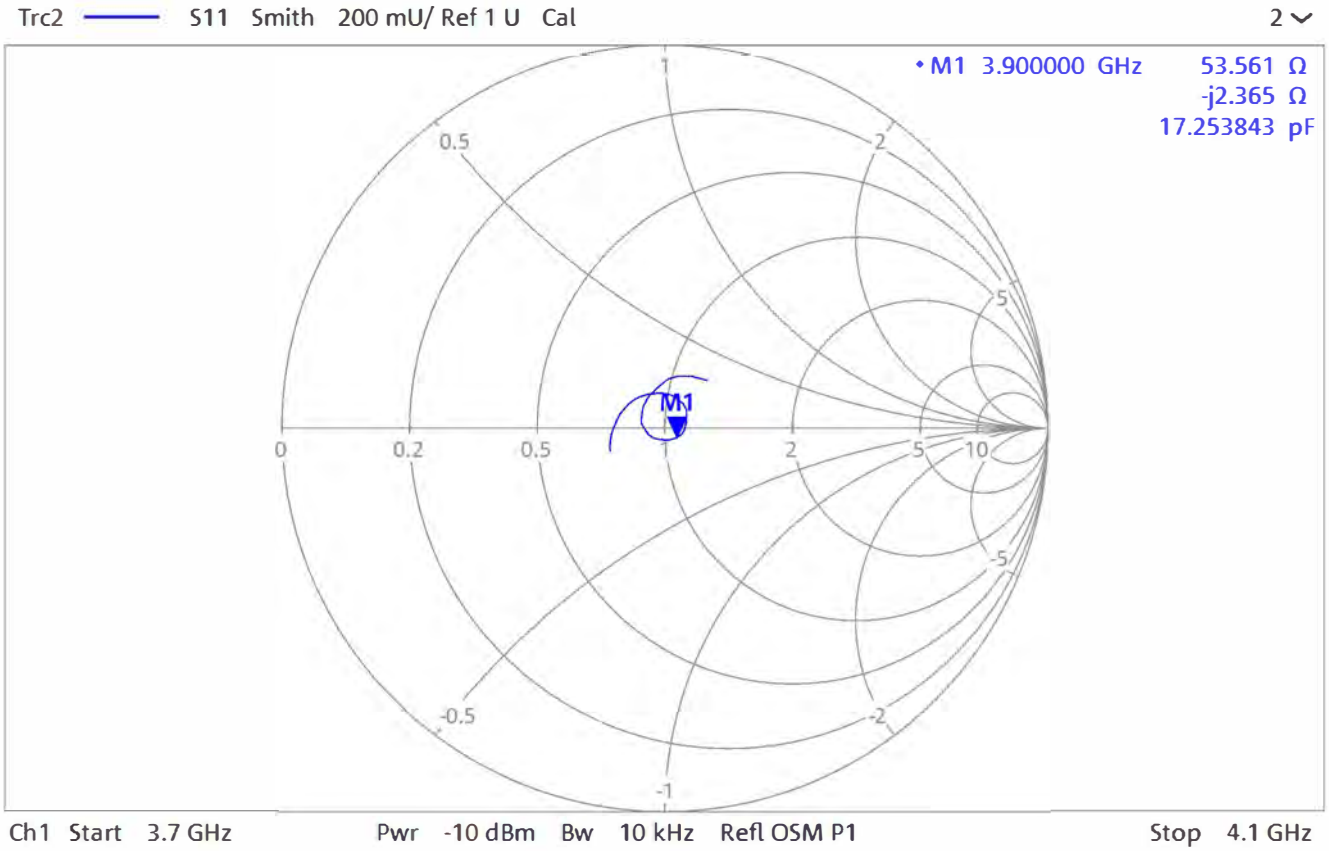
Head 3900MHz _2022.10.24



<Dipole Verification Data>

Head 3900MHz _2023.10.23





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CALIBRATION
CNAS L0570

Client 7layers Certificate No: Z21-60431

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN: 1315
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	October 22, 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 (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
Power sensor NRP8S	104291	24-Sep-21 (CTTL, No.J21X08326)	Sep-22
ReferenceProbe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzerE5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: October 27, 2021

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

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Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

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 assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016

c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010

d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

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%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.6 ± 6 %	4.70 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.66 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**76.9 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.20 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.1 W/kg ± 24.2 % (*k*=2)**

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Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.0 ± 6 %	5.08 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.17 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.9 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.5 W/kg ± 24.2 % (*k*=2)**

Head TSL parameters at 5750 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.8 ± 6 %	5.25 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL at 5750 MHz

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.59 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**76.1 W/kg ± 24.4 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.16 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.7 W/kg ± 24.2 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	50.5Ω - 3.27jΩ
Return Loss	- 29.7dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	54.2Ω + 0.81jΩ
Return Loss	- 27.8dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	49.4Ω + 1.99jΩ
Return Loss	- 33.6dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.098 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL Date: 10.22.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN: 1315

Communication System: CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750 MHz,

Medium parameters used: f = 5250 MHz; σ = 4.704 S/m; ε_r = 36.62; ρ = 1000 kg/m^3, Medium parameters used: f = 5600 MHz; σ = 5.084 S/m; ε_r = 36; ρ = 1000 kg/m^3, Medium parameters used: f = 5750 MHz; σ = 5.248 S/m; ε_r = 35.78; ρ = 1000 kg/m^3,

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(5.42, 5.42, 5.42) @ 5250 MHz; ConvF(4.75, 4.75, 4.75) @ 5600 MHz; ConvF(4.82, 4.82, 4.82) @ 5750 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2021-01-15
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole Calibration /Pin=100mW, d=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 70.32 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 31.0 W/kg
SAR(1 g) = 7.66 W/kg; SAR(10 g) = 2.2 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 65%
Maximum value of SAR (measured) = 18.2 W/kg

Dipole Calibration /Pin=100mW, d=10mm, f=5600 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 71.09 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 34.9 W/kg
SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.34 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.3%
Maximum value of SAR (measured) = 19.9 W/kg

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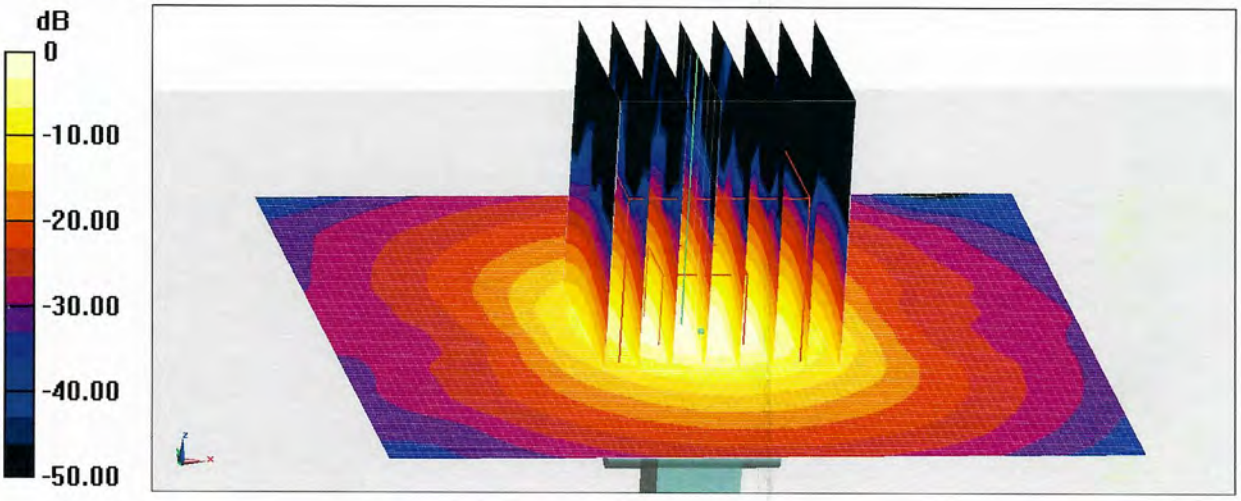
Dipole Calibration /Pin=100mW, d=10mm, f=5750 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 67.72 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 33.5 W/kg
SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.16 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

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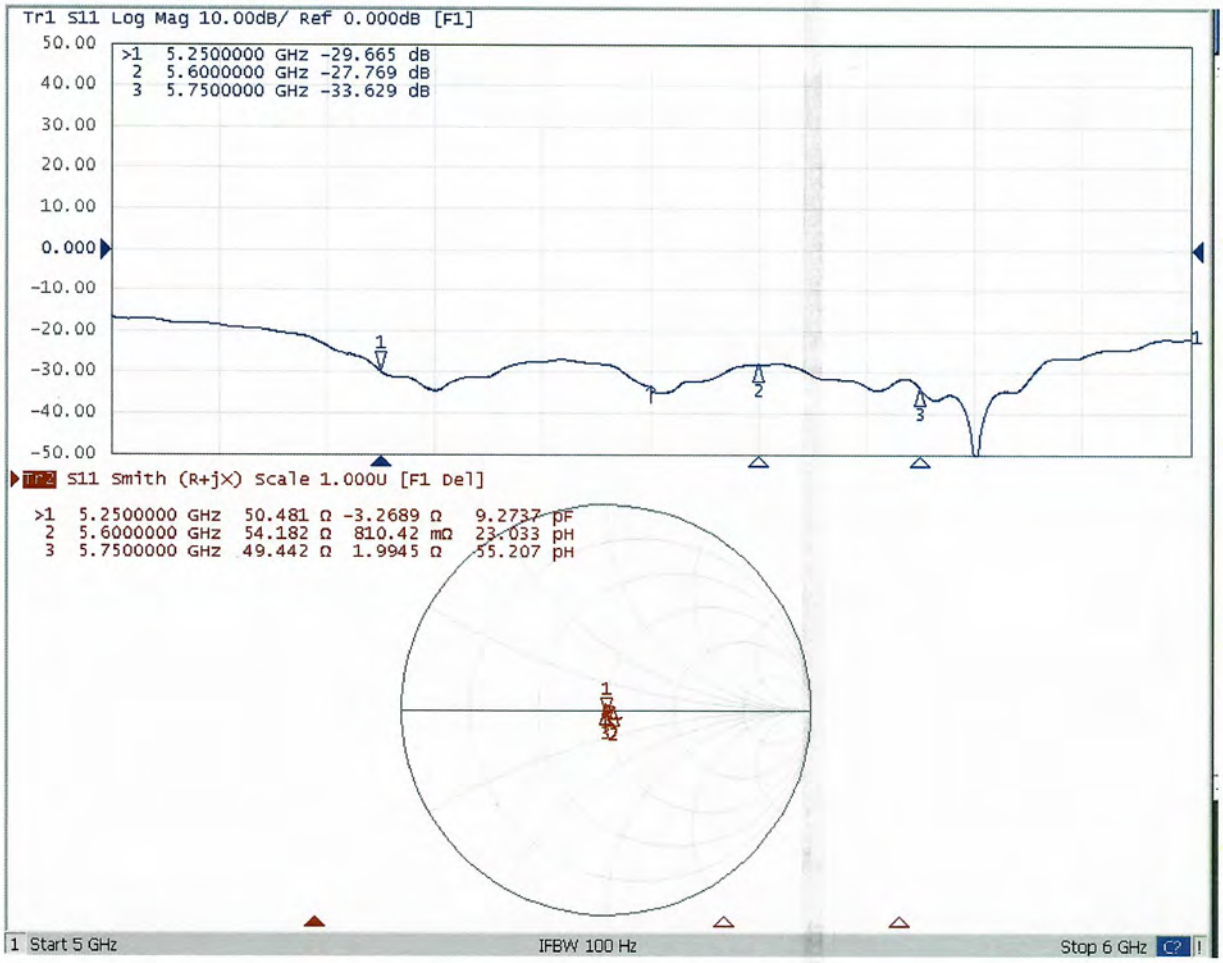
Impedance Measurement Plot for Head TSL



D5GHzV2 - SN: 1315 Extended Dipole Calibrations

Referring to KDB 865664 D01, if dipoles are verified in return loss (<-20dB, within 20% of prior calibration), and in impedance (within 5 ohm of prior calibration), the annual calibration is not necessary and the calibration interval can be extended.

D5GHzV2 - SN: 1315						
5250MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.22.2021	-29.7		50.5		-3.27	
10.21.2022	-34.53	16.26	51.16	0.66	1.56	4.83
10.20.2023	-25.84	-12.98	54.50	4.00	-2.96	0.31

D5GHzV2 - SN: 1315						
5600MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.22.2021	-27.8		54.2		0.81	
10.21.2022	-31.03	11.63	49.59	-4.61	-2.79	-3.60
10.20.2023	-26.15	-5.95	54.92	0.71	-1.82	-2.63

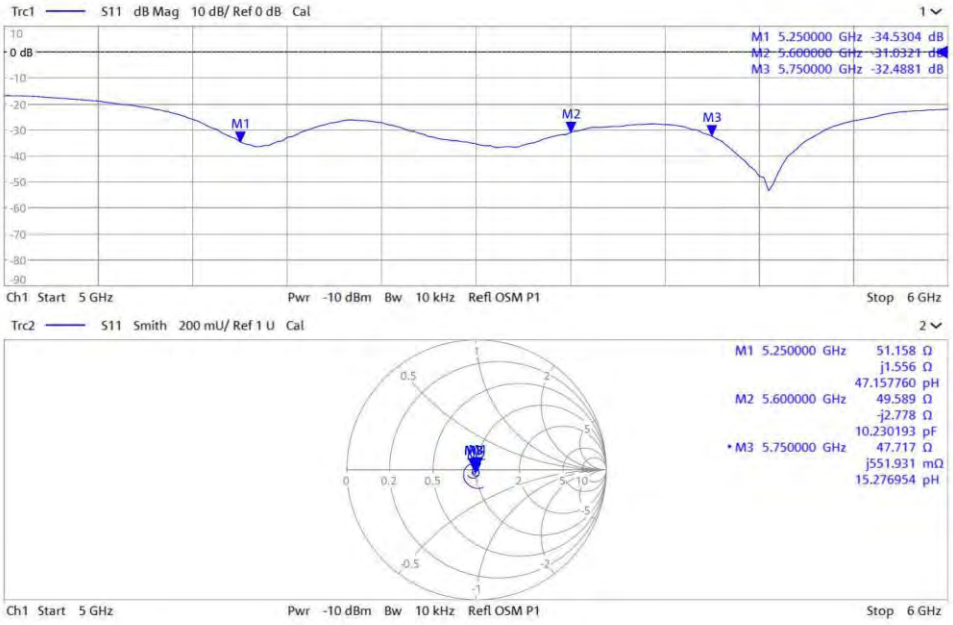
D5GHzV2 - SN: 1315						
5750MHz Head						
Date of Measurement	Return-Loss (dB)	Delta (%)	Real Impedance (ohm)	Delta (ohm)	Imaginary Impedance (ohm)	Delta (ohm)
10.22.2021	-33.6		49.4		1.99	
10.21.2022	-32.49	-3.31	47.72	-1.68	0.55	-1.44
10.20.2023	-36.43	8.41	50.87	1.47	1.34	-0.65

<Justification of the extended calibration>

The return loss is < -20dB, within 20% of prior calibration; the impedance is within 5 ohm of prior calibration. Therefore the verification result should support extended calibration.

<Dipole Verification Data>

Head 5250-5750MHz _2022.10.21



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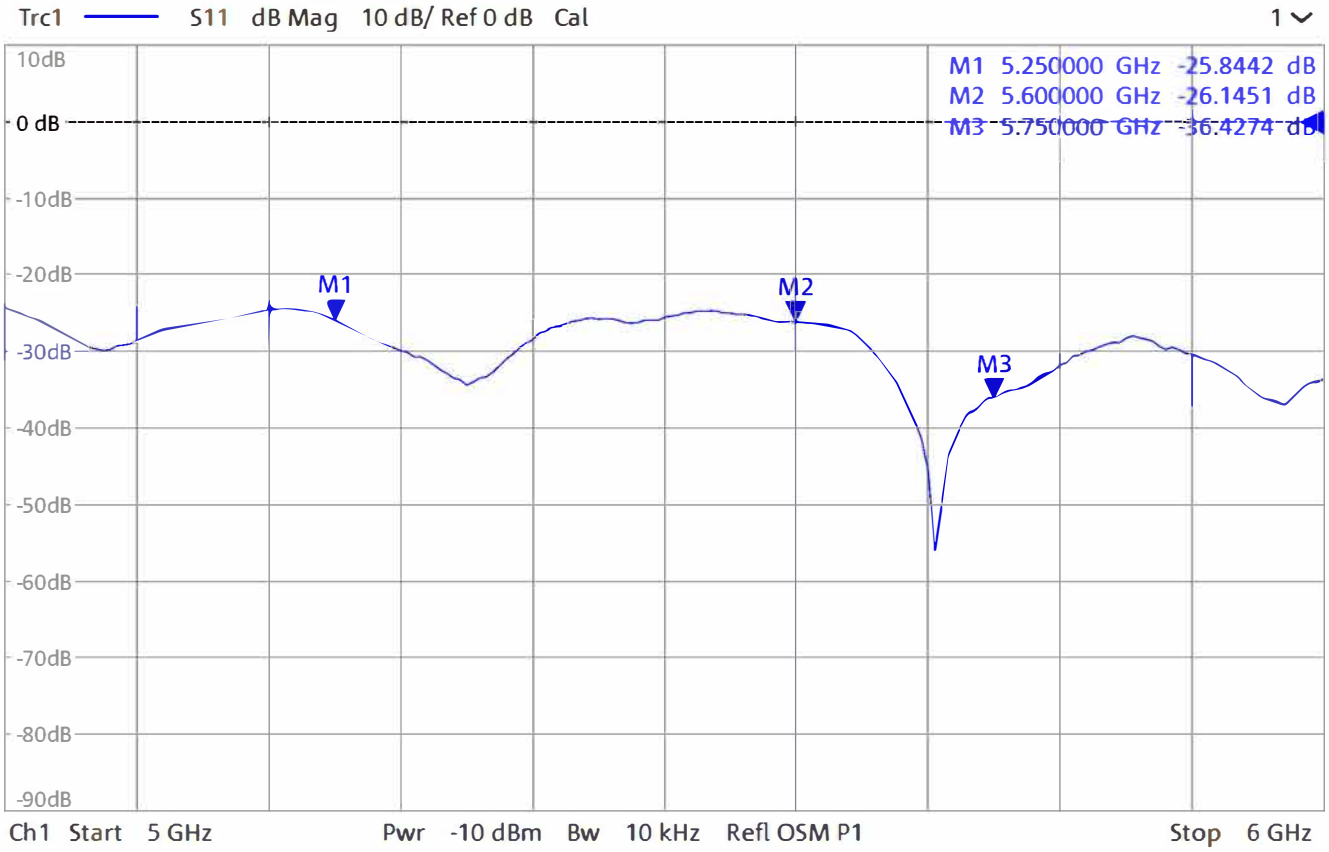
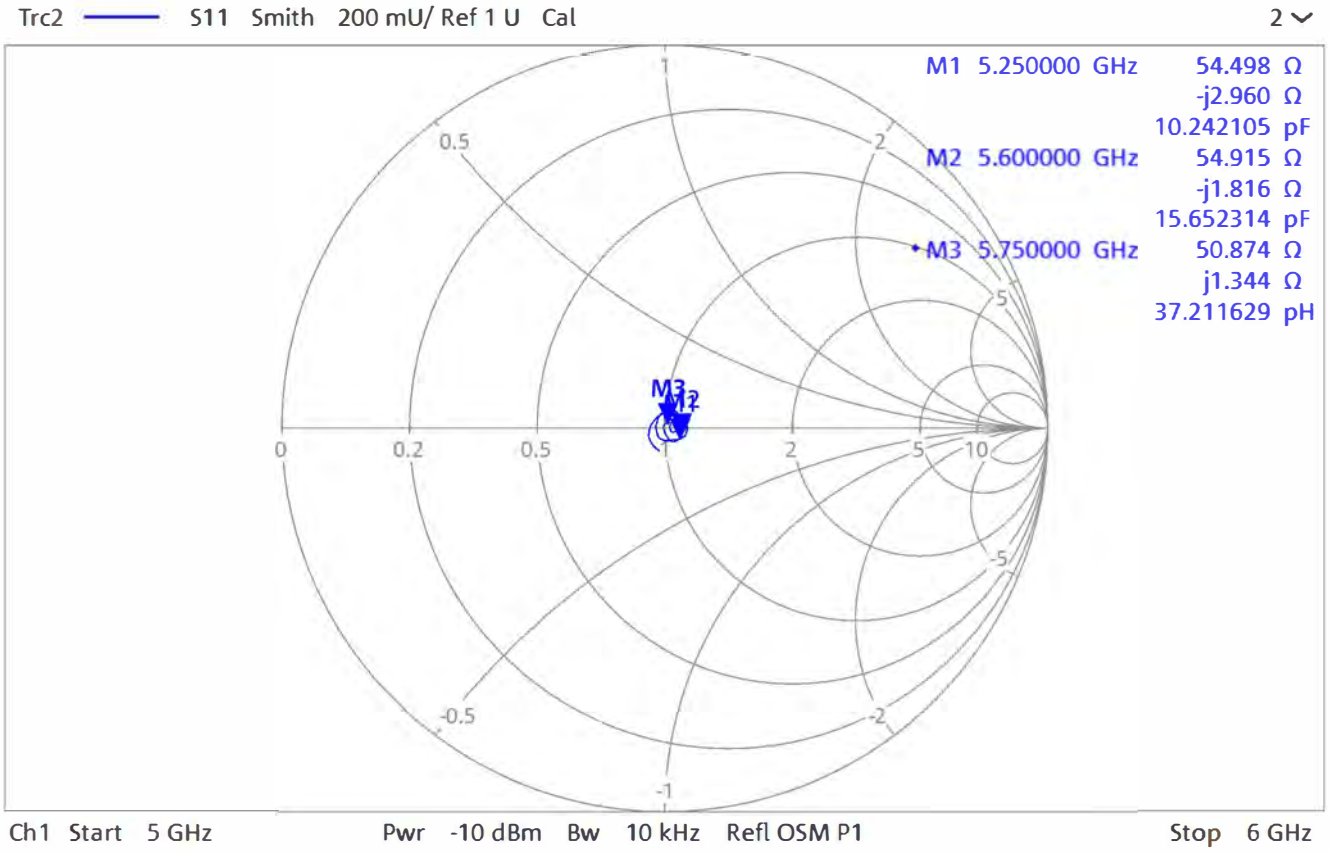
Head 5250-5750MHz _2023.10.20





Appendix D. Conducted Power Result

Band	GSM850 Ant0				GSM1900 Ant0			
Channel	128	189	251	Max. Tune-up Power	512	661	810	Max. Tune-up Power
Frequency	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	31.74	31.75	31.78	33.70	29.29	29.14	29.17	30.70
GPRS 1Tx Slot	31.74	31.72	31.77	33.70	29.27	29.12	29.23	30.70
GPRS 2Tx Slot	30.29	30.27	30.18	30.70	27.22	27.33	27.25	27.70
GPRS 3Tx Slot	28.48	28.37	28.34	28.90	25.47	25.47	25.43	25.90
GPRS 4Tx Slot	27.25	27.21	27.24	27.70	24.27	24.34	24.32	24.70
EDGE 1Tx Slot	25.97	25.99	26.04	27.70	25.44	25.43	25.46	26.70
EDGE 2Tx Slot	24.56	24.30	24.55	24.70	23.38	23.48	23.47	23.70
EDGE 3Tx Slot	22.74	22.78	22.70	22.90	21.48	21.71	21.55	21.90
EDGE 4Tx Slot	21.53	21.54	21.63	21.70	20.41	20.39	20.46	20.70

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power	GSM1900			Max. Tune-up Power
Channel	128	189	251		512	661	810	
GSM	22.74	22.75	22.78	24.70	20.29	20.14	20.17	21.70
GPRS 1Tx Slot	22.74	22.72	22.77	24.70	20.27	20.12	20.23	21.70
GPRS 2Tx Slot	24.29	24.27	24.18	24.70	21.22	21.33	21.25	21.70
GPRS 3Tx Slot	24.22	24.11	24.08	24.64	21.21	21.21	21.17	21.64
GPRS 4Tx Slot	24.25	24.21	24.24	24.70	21.27	21.34	21.32	21.70
EDGE 1Tx Slot	16.97	16.99	17.04	18.70	16.44	16.43	16.46	17.70
EDGE 2Tx Slot	18.56	18.30	18.55	18.70	17.38	17.48	17.47	17.70
EDGE 3Tx Slot	18.48	18.52	18.44	18.64	17.22	17.45	17.29	17.64
EDGE 4Tx Slot	18.53	18.54	18.63	18.70	17.41	17.39	17.46	17.70

Band	WCDMA II Ant0			WCDMA II	WCDMA IV Ant0			WCDMA IV	WCDMA V Ant0			WCDMA V
TX Channel	9262	9400	9538	Max. Tune-up Power	1312	1413	1513	Max. Tune-up Power	4132	4182	4233	Max. Tune-up Power
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
RMC 12.2K	22.98	23.04	22.95	23.70	23.05	23.02	23.03	23.70	23.12	23.13	23.21	23.70
HSDPA Subtest-1	22.15	22.15	22.09	23.00	22.15	22.14	22.16	23.00	22.27	22.31	22.31	23.00
HSDPA Subtest-2	22.16	22.23	22.14	23.00	22.25	22.17	22.17	23.00	22.32	22.27	22.30	23.00
HSDPA Subtest-3	21.60	21.72	21.64	22.50	21.65	21.72	21.72	22.50	21.79	21.82	21.91	22.50
HSDPA Subtest-4	21.63	21.71	21.62	22.50	21.69	21.67	21.64	22.50	21.80	21.76	21.89	22.50
DC-HSDPA Subtest-1	22.09	22.14	22.10	23.00	22.23	22.18	22.14	23.00	22.26	22.26	22.34	23.00
DC-HSDPA Subtest-2	22.06	22.23	22.14	23.00	22.15	22.14	22.22	23.00	22.32	22.25	22.31	23.00
DC-HSDPA Subtest-3	21.65	21.64	21.58	22.50	21.70	21.63	21.71	22.50	21.79	21.76	21.89	22.50
DC-HSDPA Subtest-4	21.57	21.63	21.56	22.50	21.65	21.70	21.67	22.50	21.77	21.73	21.86	22.50
HSUPA Subtest-1	21.31	21.40	21.29	23.00	21.41	21.39	21.42	23.00	21.51	21.51	21.59	23.00
HSUPA Subtest-2	20.07	20.06	19.97	21.00	20.09	20.07	20.12	21.00	20.13	20.17	20.26	21.00
HSUPA Subtest-3	20.92	20.96	20.92	22.00	20.95	21.01	20.96	22.00	21.04	21.04	21.13	22.00
HSUPA Subtest-4	19.60	19.64	19.56	21.00	19.72	19.70	19.68	21.00	20.09	20.04	20.16	21.00
HSUPA Subtest-5	21.87	21.98	21.90	23.00	21.97	21.92	21.93	23.00	22.09	22.09	22.16	23.00

LTE Band 2 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	22.37	22.40	22.39	23.7
		1	50	22.44	22.42	22.43	23.7
		1	99	**22.47**	22.45	22.46	23.7
		50	0	21.53	21.50	21.41	22.7
		50	25	21.57	21.52	21.50	22.7
		50	50	**21.59**	21.56	21.55	22.7
		100	0	**21.58**	21.54	21.53	22.7
	16QAM	1	0	21.75	21.65	21.71	22.7
		1	50	21.77	21.70	21.67	22.7
		1	99	21.76	21.72	21.79	22.7
		50	0	20.55	20.47	20.48	21.7
		50	25	20.58	20.51	20.54	21.7
		50	50	20.51	20.56	20.49	21.7
		100	0	20.54	20.43	20.41	21.7
	64QAM	1	0	20.60	20.53	20.25	21.7
		1	50	20.71	20.65	20.52	21.7
		1	99	20.62	20.62	20.42	21.7
		50	0	19.51	19.60	19.33	20.7
		50	25	19.54	19.50	19.42	20.7
		50	50	19.56	19.57	19.52	20.7
		100	0	19.57	19.45	19.48	20.7
	256QAM	1	0	19.48	19.49	19.07	20.7
		1	50	19.55	19.58	19.36	20.7
		1	99	19.49	19.47	19.24	20.7
		50	0	18.36	18.47	18.23	19.7
		50	25	18.42	18.38	18.26	19.7
		50	50	18.51	18.52	18.47	19.7
		100	0	18.52	18.37	18.42	19.7
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	22.32	22.30	22.32	23.7
		1	37	22.40	22.29	22.34	23.7
		1	74	22.32	22.39	22.38	23.7
		36	0	21.43	21.45	21.33	22.7
		36	19	21.50	21.40	21.37	22.7
		36	39	21.51	21.47	21.41	22.7
		75	0	21.43	21.45	21.52	22.7
	16QAM	1	0	21.72	21.50	21.56	22.7
		1	37	21.65	21.60	21.63	22.7
		1	74	21.67	21.59	21.68	22.7
		36	0	20.52	20.32	20.47	21.7
		36	19	20.45	20.38	20.51	21.7
		36	39	20.36	20.41	20.34	21.7
		75	0	20.46	20.34	20.30	21.7
	64QAM	1	0	20.54	20.52	20.21	21.7
		1	37	20.56	20.60	20.48	21.7
		1	74	20.58	20.51	20.34	21.7
		36	0	19.50	19.46	19.28	20.7
		36	19	19.49	19.49	19.30	20.7
		36	39	19.45	19.49	19.50	20.7
		75	0	19.53	19.41	19.41	20.7
	256QAM	1	0	19.34	19.38	18.97	20.7
		1	37	19.40	19.46	19.24	20.7
		1	74	19.42	19.37	19.12	20.7
		36	0	18.28	18.41	18.12	19.7
		36	19	18.34	18.29	18.15	19.7
		36	39	18.44	18.43	18.39	19.7
		75	0	18.43	18.35	18.38	19.7
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	22.36	22.25	22.32	23.7
		1	24	22.42	22.29	22.42	23.7
		1	49	22.32	22.42	22.39	23.7
		25	0	21.48	21.47	21.40	22.7
		25	12	21.43	21.40	21.35	22.7
		25	25	21.58	21.53	21.46	22.7
		50	0	21.52	21.49	21.49	22.7
	16QAM	1	0	21.74	21.56	21.64	22.7
		1	24	21.67	21.67	21.65	22.7
		1	49	21.64	21.58	21.72	22.7
		25	0	20.50	20.42	20.43	21.7
		25	12	20.50	20.49	20.53	21.7
		25	25	20.42	20.48	20.47	21.7
		50	0	20.51	20.36	20.32	21.7
	64QAM	1	0	20.56	20.48	20.17	21.7
		1	24	20.57	20.53	20.38	21.7
		1	49	20.49	20.59	20.29	21.7
		25	0	19.40	19.52	19.20	20.7
		25	12	19.52	19.46	19.29	20.7
		25	25	19.55	19.47	19.41	20.7
		50	0	19.48	19.32	19.33	20.7
	256QAM	1	0	19.39	19.47	19.04	20.7
		1	24	19.54	19.44	19.28	20.7
		1	49	19.47	19.33	19.17	20.7
		25	0	18.21	18.38	18.16	19.7
		25	12	18.34	18.30	18.23	19.7
		25	25	18.36	18.40	18.45	19.7
		50	0	18.38	18.29	18.33	19.7
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	22.28	22.29	22.33	23.7
		1	12	22.35	22.41	22.38	23.7
		1	24	22.35	22.40	22.38	23.7
		12	0	21.52	21.39	21.35	22.7
		12	6	21.45	21.47	21.43	22.7
		12	13	21.53	21.45	21.53	22.7
		25	0	21.55	21.50	21.38	22.7
	16QAM	1	0	21.72	21.54	21.68	22.7
		1	12	21.69	21.59	21.52	22.7
		1	24	21.70	21.71	21.77	22.7
		12	0	20.40	20.41	20.43	21.7
		12	6	20.52	20.43	20.48	21.7
		12	13	20.45	20.54	20.35	21.7
		25	0	20.42	20.34	20.39	21.7
	64QAM	1	0	20.57	20.46	20.18	21.7
		1	12	20.63	20.55	20.41	21.7
		1	24	20.56	20.51	20.35	21.7
		12	0	19.47	19.49	19.28	20.7
		12	6	19.45	19.48	19.41	20.7
		12	13	19.48	19.49	19.48	20.7
		25	0	19.44	19.32	19.47	20.7
	256QAM	1	0	19.38	19.45	19.01	20.7
		1	12	19.54	19.50	19.29	20.7
		1	24	19.36	19.32	19.14	20.7
		12	0	18.33	18.36	18.10	19.7
		12	6	18.35	18.26	18.18	19.7
		12	13	18.50	18.43	18.37	19.7
		25	0	18.42	18.22	18.34	19.7
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	22.33	22.28	22.26	23.7
		1	7	22.30	22.27	22.40	23.7
		1	14	22.46	22.33	22.31	23.7
		8	0	21.51	21.36	21.29	22.7
		8	3	21.52	21.47	21.49	22.7
		8	7	21.46	21.44	21.48	22.7
		15	0	21.48	21.48	21.49	22.7
	16QAM	1	0	21.74	21.61	21.68	22.7
		1	7	21.65	21.65	21.57	22.7
		1	14	21.68	21.70	21.76	22.7
		8	0	20.53	20.40	20.34	21.7
		8	3	20.50	20.42	20.43	21.7
		8	7	20.47	20.51	20.38	21.7
		15	0	20.39	20.38	20.30	21.7
	64QAM	1	0	20.53	20.40	20.22	21.7
		1	7	20.59	20.60	20.47	21.7
		1	14	20.54	20.56	20.33	21.7
		8	0	19.38	19.57	19.18	20.7
		8	3	19.40	19.44	19.28	20.7
		8	7	19.54	19.43	19.42	20.7
		15	0	19.43	19.37	19.44	20.7
	256QAM	1	0	19.44	19.34	19.05	20.7
		1	7	19.44	19.49	19.24	20.7
		1	14	19.44	19.42	19.14	20.7
		8	0	18.28	18.40	18.15	19.7
		8	3	18.36	18.36	18.13	19.7
		8	7	18.50	18.40	18.37	19.7
		15	0	18.37	18.22	18.30	19.7
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	22.35	22.38	22.24	23.7
		1	2	22.41	22.36	22.31	23.7
		1	5	22.34	22.41	22.37	23.7
		3	0	22.32	22.23	22.12	23.7
		3	1	22.34	22.19	22.17	23.7
		3	3	22.36	22.27	22.35	23.7
		6	0	21.50	21.44	21.44	22.7
	16QAM	1	0	21.73	21.60	21.59	22.7
		1	2	21.76	21.59	21.54	22.7
		1	5	21.74	21.69	21.64	22.7
		3	0	21.36	21.19	21.18	22.7
		3	1	21.35	21.24	21.26	22.7
		3	3	21.28	21.26	21.19	22.7
		6	0	20.53	20.31	20.32	21.7
	64QAM	1	0	20.55	20.41	20.19	21.7
		1	2	20.65	20.51	20.40	21.7
		1	5	20.57	20.54	20.38	21.7
		3	0	20.32	20.27	20.10	21.7
		3	1	20.29	20.29	20.10	21.7
		3	3	20.35	20.30	20.33	21.7
		6	0	19.53	19.38	19.34	20.7
	256QAM	1	0	19.39	19.43	19.00	20.7
		1	2	19.46	19.53	19.25	20.7
		1	5	19.48	19.37	19.17	20.7
		3	0	19.06	19.18	18.95	20.7
		3	1	19.17	19.09	18.99	20.7
		3	3	19.20	19.26	19.26	20.7
		6	0	18.37	18.24	18.30	19.7

LTE Band 4 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequence (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	22.17	22.14	22.25	23.7
		1	50	22.16	22.21	22.18	23.7
		1	99	22.22	22.27	**22.28**	23.7
		50	0	21.16	21.24	21.21	22.7
		50	25	21.27	21.32	**21.34**	22.7
		50	50	21.25	21.25	21.31	22.7
		100	0	21.24	21.25	**21.41**	22.7
	16QAM	1	0	21.54	21.50	21.57	22.7
		1	50	21.33	21.44	21.63	22.7
		1	99	21.47	21.59	21.74	22.7
		50	0	20.16	20.23	20.43	21.7
		50	25	20.25	20.31	20.46	21.7
		50	50	20.28	20.29	20.51	21.7
		100	0	20.26	20.28	20.48	21.7
	64QAM	1	0	20.20	20.42	20.52	21.7
		1	50	20.24	20.44	20.57	21.7
		1	99	20.53	20.57	20.64	21.7
		50	0	19.16	19.26	19.44	20.7
		50	25	19.27	19.35	19.49	20.7
		50	50	19.25	19.37	19.52	20.7
		100	0	19.28	19.35	19.47	20.7
	256QAM	1	0	19.07	19.34	19.45	20.7
		1	50	19.18	19.31	19.46	20.7
		1	99	19.45	19.45	19.51	20.7
		50	0	18.09	18.22	18.35	19.7
		50	25	18.17	18.30	18.44	19.7
		50	50	18.13	18.30	18.40	19.7
		100	0	18.16	18.34	18.37	19.7
BW	MCS Index	Channel		20025	20175	20325	Max. Tune-up
		Frequence (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	22.09	22.02	22.21	23.7
		1	37	22.01	22.17	22.15	23.7
		1	74	22.08	22.17	22.16	23.7
		36	0	21.05	21.23	21.11	22.7
		36	19	21.20	21.21	21.23	22.7
		36	39	21.11	21.21	21.21	22.7
		75	0	21.15	21.14	21.35	22.7
	16QAM	1	0	21.41	21.45	21.51	22.7
		1	37	21.24	21.35	21.58	22.7
		1	74	21.39	21.45	21.61	22.7
		36	0	20.13	20.11	20.41	21.7
		36	19	20.22	20.27	20.38	21.7
		36	39	20.19	20.21	20.39	21.7
		75	0	20.21	20.22	20.46	21.7
	64QAM	1	0	20.07	20.38	20.39	21.7
		1	37	20.21	20.42	20.47	21.7
		1	74	20.51	20.51	20.51	21.7
		36	0	19.04	19.21	19.36	20.7
		36	19	19.13	19.24	19.36	20.7
		36	39	19.14	19.30	19.48	20.7
		75	0	19.14	19.31	19.32	20.7
	256QAM	1	0	18.96	19.19	19.35	20.7
		1	37	19.14	19.18	19.31	20.7
		1	74	19.41	19.32	19.45	20.7
		36	0	18.05	18.08	18.31	19.7
		36	19	18.06	18.24	18.34	19.7
		36	39	18.06	18.23	18.26	19.7
		75	0	18.07	18.29	18.30	19.7
BW	MCS Index	Channel		20000	20175	20350	Max. Tune-up
		Frequence (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	22.02	22.07	22.18	23.7
		1	24	22.11	22.09	22.10	23.7
		1	49	22.15	22.26	22.21	23.7
		25	0	21.04	21.20	21.15	22.7
		25	12	21.23	21.19	21.33	22.7
		25	25	21.14	21.19	21.24	22.7
		50	0	21.20	21.20	21.33	22.7
	16QAM	1	0	21.47	21.46	21.50	22.7
		1	24	21.21	21.29	21.57	22.7
		1	49	21.33	21.48	21.61	22.7
		25	0	20.04	20.13	20.32	21.7
		25	12	20.17	20.18	20.34	21.7
		25	25	20.22	20.14	20.37	21.7
		50	0	20.14	20.15	20.36	21.7
	64QAM	1	0	20.14	20.36	20.47	21.7
		1	24	20.22	20.35	20.51	21.7
		1	49	20.49	20.43	20.49	21.7
		25	0	19.07	19.21	19.29	20.7
		25	12	19.26	19.31	19.36	20.7
		25	25	19.14	19.29	19.42	20.7
		50	0	19.16	19.23	19.41	20.7
	256QAM	1	0	18.96	19.26	19.31	20.7
		1	24	19.11	19.22	19.45	20.7
		1	49	19.38	19.42	19.41	20.7
		25	0	18.06	18.20	18.30	19.7
		25	12	18.12	18.16	18.33	19.7
		25	25	18.12	18.24	18.39	19.7
		50	0	18.07	18.25	18.23	19.7
BW	MCS Index	Channel		19975	20175	20375	Max. Tune-up
		Frequence (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	22.10	22.08	22.19	23.7
		1	12	22.08	22.09	22.05	23.7
		1	24	22.09	22.19	22.18	23.7
		12	0	21.12	21.23	21.07	22.7
		12	6	21.12	21.23	21.25	22.7
		12	13	21.21	21.17	21.25	22.7
		25	0	21.15	21.16	21.29	22.7
	16QAM	1	0	21.43	21.47	21.49	22.7
		1	12	21.24	21.33	21.62	22.7
		1	24	21.40	21.52	21.66	22.7
		12	0	20.08	20.19	20.30	21.7
		12	6	20.10	20.27	20.34	21.7
		12	13	20.23	20.26	20.40	21.7
		25	0	20.18	20.16	20.34	21.7
	64QAM	1	0	20.08	20.28	20.48	21.7
		1	12	20.15	20.36	20.53	21.7
		1	24	20.44	20.56	20.62	21.7
		12	0	19.07	19.19	19.29	20.7
		12	6	19.19	19.32	19.45	20.7
		12	13	19.15	19.29	19.44	20.7
		25	0	19.14	19.22	19.44	20.7
	256QAM	1	0	19.01	19.25	19.40	20.7
		1	12	19.17	19.24	19.36	20.7
		1	24	19.43	19.38	19.49	20.7
		12	0	18.01	18.14	18.20	19.7
		12	6	18.02	18.25	18.42	19.7
		12	13	18.04	18.23	18.33	19.7
		25	0	18.15	18.29	18.25	19.7
BW	MCS Index	Channel		19965	20175	20385	Max. Tune-up
		Frequence (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	22.05	22.06	22.22	23.7
		1	7	22.05	22.19	22.05	23.7
		1	14	22.20	22.16	22.14	23.7
		8	0	21.09	21.10	21.13	22.7
		8	3	21.25	21.31	21.20	22.7
		8	7	21.24	21.21	21.22	22.7
		15	0	21.18	21.24	21.26	22.7
	16QAM	1	0	21.52	21.41	21.55	22.7
		1	7	21.20	21.34	21.50	22.7
		1	14	21.40	21.54	21.62	22.7
		8	0	20.01	20.11	20.42	21.7
		8	3	20.12	20.23	20.42	21.7
		8	7	20.21	20.17	20.42	21.7
		15	0	20.25	20.17	20.35	21.7
	64QAM	1	0	20.14	20.37	20.46	21.7
		1	7	20.21	20.30	20.42	21.7
		1	14	20.50	20.42	20.63	21.7
		8	0	19.02	19.15	19.35	20.7
		8	3	19.23	19.20	19.37	20.7
		8	7	19.24	19.35	19.47	20.7
		15	0	19.15	19.30	19.36	20.7
	256QAM	1	0	18.99	19.31	19.33	20.7
		1	7	19.10	19.28	19.34	20.7
		1	14	19.35	19.38	19.45	20.7
		8	0	18.02	18.10	18.31	19.7
		8	3	18.16	18.19	18.42	19.7
		8	7	17.99	18.25	18.25	19.7
		15	0	18.12	18.29	18.36	19.7
BW	MCS Index	Channel		19957	20175	20393	Max. Tune-up
		Frequence (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	22.13	22.01	22.13	23.7
		1	2	22.01	22.18	22.15	23.7
		1	5	22.17	22.15	22.26	23.7
		3	0	21.92	21.94	22.02	23.7
		3	1	21.98	22.13	22.03	23.7
		3	3	21.99	22.01	22.05	23.7
		6	0	21.18	21.19	21.37	22.7
	16QAM	1	0	21.48	21.39	21.47	22.7
		1	2	21.28	21.35	21.51	22.7
		1	5	21.38	21.44	21.71	22.7
		3	0	20.90	20.95	21.12	22.7
		3	1	20.93	21.10	21.15	22.7
		3	3	21.05	21.02	21.18	22.7
		6	0	20.12	20.20	20.45	21.7
	64QAM	1	0	20.08	20.32	20.39	21.7
		1	2	20.16	20.41	20.52	21.7
		1	5	20.41	20.42	20.55	21.7
		3	0	19.86	19.97	20.19	21.7
		3	1	20.02	20.06	20.29	21.7
		3	3	19.95	20.13	20.26	21.7
		6	0	19.14	19.31	19.44	20.7
	256QAM	1	0	18.95	19.30	19.32	20.7
		1	2	19.15	19.23	19.44	20.7
		1	5	19.36	19.33	19.46	20.7
		3	0	18.79	18.90	19.03	20.7
		3	1	18.82	19.03	19.16	20.7
		3	3	18.78	19.09	19.06	20.7
		6	0	18.11	18.31	18.33	19.7

LTE Band 5 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequence (MHz)		829	836.5	844	
10M	QPSK	1	0	22.38	22.60	**22.61**	23.7
		1	24	22.23	22.51	22.45	23.7
		1	49	22.35	22.47	22.54	23.7
		25	0	21.64	21.61	**21.68**	22.7
		25	12	21.62	21.58	21.65	22.7
		25	25	21.61	21.52	21.63	22.7
		50	0	21.69	21.61	**21.70**	22.7
	16QAM	1	0	21.73	21.67	21.88	22.7
		1	24	21.67	21.80	21.84	22.7
		1	49	21.74	21.85	21.85	22.7
		25	0	20.57	20.63	20.59	21.7
		25	12	20.61	20.64	20.68	21.7
		25	25	20.59	20.56	20.65	21.7
		50	0	20.62	20.58	20.68	21.7
	64QAM	1	0	20.68	20.72	20.80	21.7
		1	24	20.62	20.65	20.71	21.7
		1	49	20.65	20.55	20.73	21.7
		25	0	19.63	19.56	19.77	20.7
		25	12	19.62	19.57	19.64	20.7
		25	25	19.68	19.52	19.76	20.7
		50	0	19.71	19.53	19.72	20.7
	256QAM	1	0	19.65	19.68	19.67	20.7
		1	24	19.55	19.63	19.68	20.7
		1	49	19.56	19.53	19.70	20.7
		25	0	18.53	18.51	18.68	19.7
		25	12	18.56	18.42	18.58	19.7
		25	25	18.59	18.45	18.61	19.7
		50	0	18.63	18.51	18.62	19.7
BW	MCS Index	Channel		20425	20525	20625	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	22.23	22.47	22.49	23.7
		1	12	22.21	22.43	22.41	23.7
		1	24	22.30	22.41	22.50	23.7
		12	0	21.62	21.56	21.53	22.7
		12	6	21.60	21.54	21.54	22.7
		12	13	21.51	21.38	21.59	22.7
		25	0	21.55	21.54	21.55	22.7
	16QAM	1	0	21.70	21.63	21.75	22.7
		1	12	21.59	21.70	21.69	22.7
		1	24	21.61	21.78	21.73	22.7
		12	0	20.56	20.60	20.52	21.7
		12	6	20.52	20.57	20.54	21.7
		12	13	20.53	20.50	20.59	21.7
		25	0	20.56	20.56	20.55	21.7
	64QAM	1	0	20.62	20.59	20.69	21.7
		1	12	20.57	20.61	20.64	21.7
		1	24	20.59	20.44	20.63	21.7
		12	0	19.54	19.47	19.66	20.7
		12	6	19.51	19.51	19.54	20.7
		12	13	19.66	19.51	19.73	20.7
		25	0	19.56	19.52	19.59	20.7
	256QAM	1	0	19.61	19.58	19.66	20.7
		1	12	19.45	19.53	19.64	20.7
		1	24	19.52	19.38	19.58	20.7
		12	0	18.38	18.42	18.65	19.7
		12	6	18.42	18.32	18.44	19.7
		12	13	18.47	18.31	18.49	19.7
		25	0	18.54	18.39	18.57	19.7
BW	MCS Index	Channel		20415	20525	20635	Max. Tune-up
		Frequence (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	22.32	22.49	22.55	23.7
		1	7	22.20	22.43	22.32	23.7
		1	14	22.32	22.44	22.46	23.7
		8	0	21.51	21.49	21.67	22.7
		8	3	21.50	21.57	21.55	22.7
		8	7	21.54	21.39	21.51	22.7
		15	0	21.68	21.57	21.58	22.7
	16QAM	1	0	21.60	21.63	21.86	22.7
		1	7	21.63	21.67	21.72	22.7
		1	14	21.70	21.83	21.77	22.7
		8	0	20.42	20.62	20.48	21.7
		8	3	20.52	20.54	20.62	21.7
		8	7	20.49	20.47	20.58	21.7
		15	0	20.57	20.52	20.63	21.7
	64QAM	1	0	20.59	20.57	20.72	21.7
		1	7	20.52	20.60	20.60	21.7
		1	14	20.62	20.48	20.67	21.7
		8	0	19.55	19.46	19.76	20.7
		8	3	19.49	19.44	19.59	20.7
		8	7	19.60	19.43	19.61	20.7
		15	0	19.61	19.48	19.65	20.7
	256QAM	1	0	19.53	19.56	19.61	20.7
		1	7	19.47	19.51	19.53	20.7
		1	14	19.50	19.47	19.67	20.7
		8	0	18.39	18.49	18.62	19.7
		8	3	18.50	18.33	18.57	19.7
		8	7	18.54	18.34	18.53	19.7
		15	0	18.50	18.41	18.52	19.7
BW	MCS Index	Channel		20407	20525	20643	Max. Tune-up
		Frequence (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	22.28	22.55	22.46	23.7
		1	2	22.10	22.41	22.42	23.7
		1	5	22.26	22.43	22.45	23.7
		3	0	22.53	22.56	22.57	23.7
		3	1	22.55	22.50	22.53	23.7
		3	3	22.50	22.42	22.54	23.7
		6	0	21.66	21.51	21.68	22.7
	16QAM	1	0	21.72	21.66	21.74	22.7
		1	2	21.53	21.73	21.75	22.7
		1	5	21.73	21.79	21.70	22.7
		3	0	21.54	21.56	21.54	22.7
		3	1	21.46	21.51	21.60	22.7
		3	3	21.55	21.42	21.57	22.7
		6	0	20.50	20.50	20.61	21.7
	64QAM	1	0	20.61	20.58	20.79	21.7
		1	2	20.49	20.56	20.70	21.7
		1	5	20.62	20.46	20.64	21.7
		3	0	20.56	20.54	20.64	21.7
		3	1	20.54	20.47	20.56	21.7
		3	3	20.60	20.49	20.66	21.7
		6	0	19.68	19.47	19.57	20.7
	256QAM	1	0	19.61	19.64	19.61	20.7
		1	2	19.48	19.52	19.62	20.7
		1	5	19.53	19.50	19.55	20.7
		3	0	19.21	19.25	19.34	19.7
		3	1	19.26	19.10	19.31	19.7
		3	3	19.25	19.13	19.37	19.7
		6	0	18.56	18.39	18.57	19.7

LTE Band 7 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequence (MHz)		2510	2535	2560	
20M	QPSK	1	0	**22.46**	22.38	22.45	23.7
		1	50	22.43	22.29	22.42	23.7
		1	99	22.35	22.34	22.36	23.7
		50	0	**21.69**	21.49	21.67	22.7
		50	25	21.65	21.48	21.61	22.7
		50	50	21.59	21.46	21.54	22.7
		100	0	**21.62**	21.53	21.60	22.7
	16QAM	1	0	21.76	21.63	21.79	22.7
		1	50	21.75	21.58	21.71	22.7
		1	99	21.68	21.67	21.65	22.7
		50	0	20.67	20.53	20.56	21.7
		50	25	20.66	20.48	20.69	21.7
		50	50	20.61	20.42	20.56	21.7
		100	0	20.64	20.52	20.62	21.7
	64QAM	1	0	20.73	20.53	20.57	21.7
		1	50	20.59	20.49	20.56	21.7
		1	99	20.43	20.56	20.55	21.7
		50	0	19.71	19.52	19.59	20.7
		50	25	19.72	19.53	19.68	20.7
		50	50	19.62	19.49	19.56	20.7
		100	0	19.67	19.50	19.67	20.7
	256QAM	1	0	19.69	19.45	19.50	20.7
		1	50	19.51	19.40	19.39	20.7
		1	99	19.38	19.39	19.42	20.7
		50	0	18.59	18.43	18.48	19.7
		50	25	18.64	18.43	18.62	19.7
		50	50	18.55	18.34	18.49	19.7
		100	0	18.51	18.42	18.57	19.7
BW	MCS Index	Channel		20825	21100	21375	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	22.44	22.24	22.37	23.7
		1	37	22.33	22.20	22.27	23.7
		1	74	22.29	22.20	22.34	23.7
		36	0	21.55	21.34	21.66	22.7
		36	19	21.64	21.41	21.58	22.7
		36	39	21.44	21.33	21.42	22.7
		75	0	21.58	21.48	21.51	22.7
	16QAM	1	0	21.65	21.62	21.77	22.7
		1	37	21.67	21.46	21.63	22.7
		1	74	21.61	21.66	21.58	22.7
		36	0	20.61	20.42	20.45	21.7
		36	19	20.60	20.43	20.60	21.7
		36	39	20.53	20.35	20.53	21.7
		75	0	20.60	20.37	20.47	21.7
	64QAM	1	0	20.71	20.43	20.53	21.7
		1	37	20.49	20.45	20.49	21.7
		1	74	20.34	20.55	20.40	21.7
		36	0	19.57	19.38	19.50	20.7
		36	19	19.69	19.47	19.56	20.7
		36	39	19.51	19.48	19.50	20.7
		75	0	19.57	19.49	19.61	20.7
	256QAM	1	0	19.63	19.30	19.36	20.7
		1	37	19.45	19.26	19.32	20.7
		1	74	19.29	19.26	19.38	20.7
		36	0	18.49	18.41	18.33	19.7
		36	19	18.59	18.33	18.60	19.7
		36	39	18.41	18.31	18.43	19.7
		75	0	18.38	18.29	18.52	19.7
BW	MCS Index	Channel		20800	21100	21400	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	QPSK	1	0	22.36	22.37	22.36	23.7
		1	24	22.29	22.19	22.33	23.7
		1	49	22.21	22.28	22.21	23.7
		25	0	21.60	21.42	21.52	22.7
		25	12	21.56	21.45	21.54	22.7
		25	25	21.51	21.31	21.45	22.7
		50	0	21.60	21.49	21.54	22.7
	16QAM	1	0	21.73	21.50	21.68	22.7
		1	24	21.74	21.44	21.66	22.7
		1	49	21.62	21.59	21.57	22.7
		25	0	20.59	20.52	20.53	21.7
		25	12	20.64	20.42	20.65	21.7
		25	25	20.57	20.33	20.52	21.7
		50	0	20.61	20.51	20.57	21.7
	64QAM	1	0	20.67	20.38	20.56	21.7
		1	24	20.48	20.48	20.45	21.7
		1	49	20.29	20.48	20.40	21.7
		25	0	19.63	19.38	19.54	20.7
		25	12	19.59	19.46	19.60	20.7
		25	25	19.57	19.42	19.52	20.7
		50	0	19.62	19.43	19.57	20.7
	256QAM	1	0	19.55	19.44	19.44	20.7
		1	24	19.45	19.26	19.37	20.7
		1	49	19.24	19.27	19.34	20.7
		25	0	18.53	18.31	18.38	19.7
		25	12	18.55	18.28	18.61	19.7
		25	25	18.43	18.19	18.35	19.7
		50	0	18.50	18.27	18.47	19.7
BW	MCS Index	Channel		20775	21100	21425	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	22.44	22.25	22.39	23.7
		1	12	22.41	22.21	22.41	23.7
		1	24	22.22	22.29	22.32	23.7
		12	0	21.59	21.36	21.53	22.7
		12	6	21.63	21.45	21.60	22.7
		12	13	21.48	21.31	21.45	22.7
		25	0	21.61	21.48	21.48	22.7
	16QAM	1	0	21.63	21.49	21.70	22.7
		1	12	21.64	21.47	21.57	22.7
		1	24	21.55	21.59	21.63	22.7
		12	0	20.65	20.46	20.46	21.7
		12	6	20.65	20.47	20.55	21.7
		12	13	20.47	20.27	20.47	21.7
		25	0	20.51	20.45	20.50	21.7
	64QAM	1	0	20.63	20.39	20.46	21.7
		1	12	20.54	20.35	20.54	21.7
		1	24	20.42	20.44	20.47	21.7
		12	0	19.60	19.44	19.55	20.7
		12	6	19.58	19.52	19.65	20.7
		12	13	19.56	19.37	19.46	20.7
		25	0	19.64	19.37	19.53	20.7
	256QAM	1	0	19.62	19.38	19.41	20.7
		1	12	19.44	19.28	19.36	20.7
		1	24	19.31	19.25	19.27	20.7
		12	0	18.57	18.41	18.37	19.7
		12	6	18.54	18.33	18.56	19.7
		12	13	18.40	18.29	18.41	19.7
		25	0	18.45	18.28	18.42	19.7

LTE Band 12 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		23060	23095	23130	
		Frequence (MHz)		704	707.5	711	
10M	QPSK	1	0	22.35	22.42	22.38	23.7
		1	24	22.30	22.32	22.32	23.7
		1	49	**22.47**	22.45	22.46	23.7
		25	0	**21.54**	21.53	21.52	22.7
		25	12	21.43	21.49	21.48	22.7
		25	25	21.47	21.51	21.45	22.7
		50	0	**21.63**	21.59	21.42	22.7
	16QAM	1	0	21.76	21.89	21.86	22.7
		1	24	21.68	21.82	21.83	22.7
		1	49	21.73	21.88	21.81	22.7
		25	0	20.42	20.69	20.50	21.7
		25	12	20.58	20.61	20.54	21.7
		25	25	20.54	20.52	20.62	21.7
		50	0	20.53	20.60	20.57	21.7
	64QAM	1	0	20.57	20.75	20.71	21.7
		1	24	20.54	20.64	20.52	21.7
		1	49	20.66	20.72	20.64	21.7
		25	0	19.57	19.64	19.60	20.7
		25	12	19.65	19.61	19.58	20.7
		25	25	19.62	19.66	19.57	20.7
		50	0	19.71	19.72	19.48	20.7
	256QAM	1	0	19.52	19.65	19.67	20.7
		1	24	19.36	19.60	19.40	20.7
		1	49	19.62	19.66	19.49	20.7
		25	0	18.43	18.51	18.50	19.7
		25	12	18.57	18.46	18.41	19.7
		25	25	18.57	18.50	18.52	19.7
		50	0	18.54	18.59	18.36	19.7
BW	MCS Index	Channel		23035	23095	23155	Max. Tune-up
		Frequence (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	22.20	22.32	22.33	23.7
		1	12	22.25	22.20	22.17	23.7
		1	24	22.36	22.37	22.31	23.7
		12	0	21.42	21.46	21.48	22.7
		12	6	21.32	21.42	21.34	22.7
		12	13	21.43	21.36	21.41	22.7
		25	0	21.62	21.47	21.27	22.7
	16QAM	1	0	21.66	21.88	21.77	22.7
		1	12	21.55	21.74	21.75	22.7
		1	24	21.63	21.81	21.76	22.7
		12	0	20.39	20.66	20.44	21.7
		12	6	20.36	20.56	20.42	21.7
		12	13	20.49	20.47	20.58	21.7
		25	0	20.52	20.59	20.46	21.7
	64QAM	1	0	20.50	20.70	20.63	21.7
		1	12	20.48	20.50	20.39	21.7
		1	24	20.58	20.68	20.56	21.7
		12	0	19.50	19.57	19.46	20.7
		12	6	19.55	19.47	19.52	20.7
		12	13	19.54	19.59	19.46	20.7
		25	0	19.70	19.61	19.37	20.7
	256QAM	1	0	19.50	19.58	19.55	20.7
		1	12	19.25	19.47	19.26	20.7
		1	24	19.59	19.51	19.46	20.7
		12	0	18.34	18.36	18.41	19.7
		12	6	18.48	18.40	18.37	19.7
		12	13	18.42	18.40	18.46	19.7
		25	0	18.50	18.53	18.26	19.7
BW	MCS Index	Channel		23025	23095	23165	Max. Tune-up
		Frequence (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	22.24	22.40	22.33	23.7
		1	7	22.20	22.24	22.23	23.7
		1	14	22.36	22.43	22.38	23.7
		8	0	21.42	21.46	21.45	22.7
		8	3	21.34	21.43	21.35	22.7
		8	7	21.40	21.37	21.37	22.7
		15	0	21.57	21.51	21.39	22.7
	16QAM	1	0	21.65	21.83	21.71	22.7
		1	7	21.67	21.76	21.73	22.7
		1	14	21.67	21.86	21.77	22.7
		8	0	20.29	20.68	20.48	21.7
		8	3	20.36	20.57	20.39	21.7
		8	7	20.42	20.45	20.53	21.7
		15	0	20.44	20.59	20.46	21.7
	64QAM	1	0	20.45	20.70	20.68	21.7
		1	7	20.42	20.53	20.45	21.7
		1	14	20.51	20.62	20.60	21.7
		8	0	19.42	19.53	19.53	20.7
		8	3	19.64	19.54	19.48	20.7
		8	7	19.61	19.61	19.46	20.7
		15	0	19.65	19.61	19.39	20.7
	256QAM	1	0	19.38	19.54	19.64	20.7
		1	7	19.25	19.57	19.38	20.7
		1	14	19.59	19.53	19.40	20.7
		8	0	18.39	18.49	18.47	19.7
		8	3	18.47	18.39	18.26	19.7
		8	7	18.47	18.44	18.41	19.7
		15	0	18.40	18.44	18.25	19.7
BW	MCS Index	Channel		23017	23095	23173	Max. Tune-up
		Frequence (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	22.29	22.39	22.24	23.7
		1	2	22.19	22.19	22.22	23.7
		1	5	22.44	22.32	22.45	23.7
		3	0	22.43	22.42	22.46	23.7
		3	1	22.32	22.35	22.39	23.7
		3	3	22.45	22.48	22.39	23.7
		6	0	21.48	21.52	21.31	22.7
	16QAM	1	0	21.63	21.75	21.85	22.7
		1	2	21.65	21.81	21.81	22.7
		1	5	21.59	21.77	21.78	22.7
		3	0	21.35	21.62	21.46	22.7
		3	1	21.46	21.54	21.50	22.7
		3	3	21.47	21.43	21.56	22.7
		6	0	20.38	20.53	20.56	21.7
	64QAM	1	0	20.53	20.73	20.68	21.7
		1	2	20.49	20.50	20.40	21.7
		1	5	20.52	20.63	20.54	21.7
		3	0	20.55	20.53	20.52	21.7
		3	1	20.58	20.48	20.52	21.7
		3	3	20.55	20.61	20.47	21.7
		6	0	19.67	19.61	19.45	20.7
	256QAM	1	0	19.38	19.62	19.56	20.7
		1	2	19.33	19.58	19.36	20.7
		1	5	19.51	19.62	19.36	20.7
		3	0	19.18	19.27	19.16	19.7
		3	1	19.32	19.17	19.10	19.7
		3	3	19.23	19.23	19.27	19.7
		6	0	18.45	18.54	18.27	19.7

LTE Band 13 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Mid	Max. Tune-up (dBm)
		Channel		23230	
		Frequence (MHz)		782	
10M	QPSK	1	0	**22.36**	23.7
		1	24	22.31	23.7
		1	49	22.23	23.7
		25	0	21.35	22.7
		25	12	21.44	22.7
		25	25	**21.48**	22.7
		50	0	**21.42**	22.7
	16QAM	1	0	21.54	22.7
		1	24	21.67	22.7
		1	49	21.61	22.7
		25	0	20.47	21.7
		25	12	20.35	21.7
		25	25	20.50	21.7
		50	0	20.64	21.7
	64QAM	1	0	20.41	21.7
		1	24	20.57	21.7
		1	49	20.48	21.7
		25	0	19.43	20.7
		25	12	19.55	20.7
		25	25	19.45	20.7
		50	0	19.49	20.7
	256QAM	1	0	19.25	20.7
		1	24	19.44	20.7
		1	49	19.31	20.7
		25	0	18.28	19.7
		25	12	18.38	19.7
		25	25	18.38	19.7
		50	0	18.43	19.7
BW	MCS Index	Channel		23205	23230	23255	Max. Tune-up
		Frequence (MHz)		779.5	782	784.5	
5M	QPSK	1	0	22.34	22.32	22.36	23.7
		1	12	22.43	22.27	22.40	23.7
		1	24	22.45	22.15	22.41	23.7
		12	0	21.27	21.28	21.39	22.7
		12	6	21.46	21.30	21.45	22.7
		12	13	21.39	21.33	21.48	22.7
		25	0	21.47	21.36	21.49	22.7
	16QAM	1	0	21.65	21.44	21.71	22.7
		1	12	21.58	21.64	21.76	22.7
		1	24	21.71	21.51	21.74	22.7
		12	0	20.48	20.34	20.61	21.7
		12	6	20.61	20.20	20.57	21.7
		12	13	20.56	20.40	20.59	21.7
		25	0	20.51	20.53	20.48	21.7
	64QAM	1	0	20.53	20.35	20.57	21.7
		1	12	20.37	20.54	20.60	21.7
		1	24	20.65	20.45	20.55	21.7
		12	0	19.41	19.38	19.60	20.7
		12	6	19.43	19.51	19.54	20.7
		12	13	19.36	19.33	19.24	20.7
		25	0	19.44	19.48	19.52	20.7
	256QAM	1	0	19.47	19.23	19.48	20.7
		1	12	19.31	19.42	19.56	20.7
		1	24	19.62	19.39	19.41	20.7
		12	0	18.29	18.31	18.51	19.7
		12	6	18.31	18.34	18.44	19.7
		12	13	18.20	18.19	18.17	19.7
		25	0	18.38	18.32	18.42	19.7

LTE Band 17 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		23790	23790	23790	
		Frequence (MHz)		709	710	711	
10M	QPSK	1	0	22.63	**22.74**	22.69	23.7
		1	24	22.51	22.53	22.34	23.7
		1	49	22.53	22.41	22.53	23.7
		25	0	21.67	**21.68**	21.65	22.7
		25	12	21.66	21.56	21.60	22.7
		25	25	21.57	21.63	21.57	22.7
		50	0	21.62	**21.63**	21.62	22.7
	16QAM	1	0	21.90	21.88	21.92	22.7
		1	24	21.98	21.96	21.88	22.7
		1	49	21.82	21.94	21.74	22.7
		25	0	20.65	20.73	20.71	21.7
		25	12	20.71	20.62	20.64	21.7
		25	25	20.48	20.54	20.60	21.7
		50	0	20.74	20.49	20.57	21.7
	64QAM	1	0	20.78	20.89	20.83	21.7
		1	24	20.81	20.68	20.77	21.7
		1	49	20.64	20.76	20.65	21.7
		25	0	19.76	19.74	19.78	20.7
		25	12	19.78	19.64	19.75	20.7
		25	25	19.60	19.58	19.66	20.7
		50	0	19.75	19.63	19.67	20.7
	256QAM	1	0	19.68	19.86	19.82	20.7
		1	24	19.79	19.66	19.75	20.7
		1	49	19.53	19.72	19.63	20.7
		25	0	18.62	18.69	18.68	19.7
		25	12	18.64	18.53	18.66	19.7
		25	25	18.47	18.49	18.65	19.7
		50	0	18.64	18.52	18.66	19.7
BW	MCS Index	Channel		23755	23790	23825	Max. Tune-up
		Frequence (MHz)		706.5	710	713.5	
5M	QPSK	1	0	22.52	22.65	22.62	23.7
		1	12	22.49	22.45	22.25	23.7
		1	24	22.39	22.36	22.44	23.7
		12	0	21.57	21.63	21.50	22.7
		12	6	21.51	21.49	21.49	22.7
		12	13	21.48	21.50	21.45	22.7
		25	0	21.51	21.48	21.59	22.7
	16QAM	1	0	21.85	21.84	21.80	22.7
		1	12	21.95	21.89	21.81	22.7
		1	24	21.80	21.89	21.69	22.7
		12	0	20.60	20.58	20.65	21.7
		12	6	20.64	20.61	20.51	21.7
		12	13	20.40	20.48	20.48	21.7
		25	0	20.72	20.41	20.50	21.7
	64QAM	1	0	20.66	20.87	20.79	21.7
		1	12	20.71	20.60	20.66	21.7
		1	24	20.50	20.62	20.56	21.7
		12	0	19.64	19.61	19.67	20.7
		12	6	19.67	19.62	19.55	20.7
		12	13	19.51	19.43	19.54	20.7
		25	0	19.73	19.57	19.57	20.7
	256QAM	1	0	19.56	19.74	19.74	20.7
		1	12	19.76	19.54	19.69	20.7
		1	24	19.38	19.71	19.62	20.7
		12	0	18.51	18.62	18.61	19.7
		12	6	18.49	18.45	18.54	19.7
		12	13	18.40	18.40	18.51	19.7
		25	0	18.54	18.44	18.58	19.7

LTE Band 38 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37525	38000	38150	
		Frequence (MHz)		2550	2595	2610	
20M	QPSK	1	0	**22.51**	22.36	22.39	23.7
		1	50	22.41	22.30	22.37	23.7
		1	99	22.28	22.27	22.31	23.7
		50	0	**21.53**	21.40	21.46	22.7
		50	25	21.42	21.36	21.44	22.7
		50	50	21.32	21.28	21.42	22.7
		100	0	**21.43**	21.29	21.41	22.7
	16QAM	1	0	21.84	21.52	21.49	22.7
		1	50	21.47	21.48	21.52	22.7
		1	99	21.38	21.44	21.48	22.7
		50	0	20.56	20.45	20.48	21.7
		50	25	20.46	20.36	20.53	21.7
		50	50	20.36	20.35	20.44	21.7
		100	0	20.43	20.36	20.46	21.7
	64QAM	1	0	20.23	20.14	20.42	21.7
		1	50	20.13	20.03	20.03	21.7
		1	99	19.99	19.98	20.01	21.7
		50	0	19.56	19.45	19.45	20.7
		50	25	19.44	19.36	19.49	20.7
		50	50	19.37	19.34	19.47	20.7
		100	0	19.44	19.37	19.46	20.7
	256QAM	1	0	19.07	18.98	**19.33**	20.7
		1	50	18.99	18.92	18.94	20.7
		1	99	18.77	18.86	18.80	20.7
		50	0	18.36	18.30	18.29	19.7
		50	25	18.23	18.20	18.38	19.7
		50	50	18.14	18.21	18.25	19.7
		100	0	18.28	18.25	18.35	19.7
BW	MCS Index	Channel		37525	38000	38175	Max. Tune-up
		Frequence (MHz)		2537.5	2595	2612.5	
15M	QPSK	1	0	22.41	22.24	22.31	23.7
		1	37	22.26	22.25	22.32	23.7
		1	74	22.16	22.19	22.24	23.7
		36	0	21.43	21.31	21.38	22.7
		36	19	21.37	21.27	21.35	22.7
		36	39	21.19	21.22	21.30	22.7
		75	0	21.30	21.16	21.39	22.7
	16QAM	1	0	21.57	21.39	21.48	22.7
		1	37	21.34	21.33	21.49	22.7
		1	74	21.34	21.40	21.42	22.7
		36	0	20.41	20.40	20.38	21.7
		36	19	20.43	20.30	20.48	21.7
		36	39	20.27	20.20	20.38	21.7
		75	0	20.31	20.29	20.42	21.7
	64QAM	1	0	20.17	20.00	20.37	21.7
		1	37	20.12	19.98	19.90	21.7
		1	74	19.87	19.95	19.98	21.7
		36	0	19.50	19.34	19.32	20.7
		36	19	19.38	19.35	19.40	20.7
		36	39	19.25	19.25	19.39	20.7
		75	0	19.32	19.31	19.33	20.7
	256QAM	1	0	18.92	18.86	**19.20**	20.7
		1	37	18.92	18.81	18.84	20.7
		1	74	18.68	18.80	18.79	20.7
		36	0	18.25	18.25	18.17	19.7
		36	19	18.13	18.08	18.21	19.7
		36	39	18.01	18.18	18.24	19.7
		75	0	18.24	18.20	18.32	19.7
BW	MCS Index	Channel		37500	38000	38200	Max. Tune-up
		Frequence (MHz)		2535	2595	2615	
10M	QPSK	1	0	22.44	22.25	22.36	23.7
		1	24	22.35	22.19	22.22	23.7
		1	49	22.22	22.15	22.30	23.7
		25	0	21.45	21.38	21.33	22.7
		25	12	21.33	21.34	21.39	22.7
		25	25	21.31	21.22	21.28	22.7
		50	0	21.41	21.25	21.27	22.7
	16QAM	1	0	21.62	21.49	21.44	22.7
		1	24	21.43	21.44	21.44	22.7
		1	49	21.31	21.33	21.36	22.7
		25	0	20.50	20.41	20.36	21.7
		25	12	20.42	20.32	20.38	21.7
		25	25	20.24	20.20	20.30	21.7
		50	0	20.29	20.25	20.40	21.7
	64QAM	1	0	20.19	20.13	20.35	21.7
		1	24	20.02	19.93	20.02	21.7
		1	49	19.95	19.92	20.00	21.7
		25	0	19.52	19.38	19.41	20.7
		25	12	19.35	19.21	19.43	20.7
		25	25	19.28	19.28	19.33	20.7
		50	0	19.33	19.35	19.42	20.7
	256QAM	1	0	19.04	18.93	**19.29**	20.7
		1	24	18.86	18.85	18.90	20.7
		1	49	18.76	18.85	18.65	20.7
		25	0	18.26	18.25	18.28	19.7
		25	12	18.09	18.19	18.19	19.7
		25	25	18.12	18.11	18.14	19.7
		50	0	18.26	18.19	18.22	19.7
BW	MCS Index	Channel		37775	38000	38225	Max. Tune-up
		Frequence (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	22.45	22.27	22.36	23.7
		1	12	22.27	22.20	22.36	23.7
		1	24	22.13	22.15	22.21	23.7
		12	0	21.52	21.30	21.33	22.7
		12	6	21.41	21.35	21.32	22.7
		12	13	21.28	21.27	21.35	22.7
		25	0	21.30	21.16	21.35	22.7
	16QAM	1	0	21.50	21.45	21.38	22.7
		1	12	21.43	21.41	21.51	22.7
		1	24	21.26	21.37	21.39	22.7
		12	0	20.42	20.42	20.47	21.7
		12	6	20.36	20.30	20.47	21.7
		12	13	20.29	20.29	20.31	21.7
		25	0	20.41	20.21	20.38	21.7
	64QAM	1	0	20.08	20.01	20.40	21.7
		1	12	20.00	19.93	19.99	21.7
		1	24	19.93	19.84	19.94	21.7
		12	0	19.52	19.38	19.44	20.7
		12	6	19.34	19.33	19.41	20.7
		12	13	19.25	19.33	19.36	20.7
		25	0	19.40	19.24	19.41	20.7
	256QAM	1	0	18.98	18.90	**19.21**	20.7
		1	12	18.91	18.81	18.84	20.7
		1	24	18.73	18.83	18.75	20.7
		12	0	18.23	18.18	18.23	19.7
		12	6	18.10	18.11	18.19	19.7
		12	13	18.04	18.12	18.21	19.7
		25	0	18.14	18.23	18.26	19.7

LTE Band 40 Ant0 Full

BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		36750	39150	39550	
		Frequency (MHz)		2310	2550	2590	
20M	QPSK	1	0	22.54	**22.71**	22.60	23.7
		1	50	22.45	22.58	22.48	23.7
		1	99	22.52	22.45	22.36	23.7
		50	0	21.57	**21.73**	21.62	22.7
		50	25	21.53	21.66	21.58	22.7
		50	50	21.54	21.63	21.54	22.7
		100	0	21.56	**21.64**	21.56	22.7
	16QAM	1	0	21.73	21.87	21.74	22.7
		1	50	21.62	21.69	21.63	22.7
		1	99	21.69	21.60	21.46	22.7
		50	0	20.53	20.74	20.69	21.7
		50	25	20.62	20.68	20.63	21.7
		50	50	20.61	20.65	20.60	21.7
		100	0	20.59	20.70	20.61	21.7
	64QAM	1	0	20.20	20.44	20.33	21.7
		1	50	20.14	20.28	20.32	21.7
		1	99	20.33	20.17	20.02	21.7
		50	0	19.55	19.76	19.69	20.7
		50	25	19.62	19.68	19.65	20.7
		50	50	19.61	19.66	19.53	20.7
		100	0	19.63	19.67	19.61	20.7
	256QAM	1	0	19.17	19.34	19.31	20.7
		1	50	19.03	19.17	19.20	20.7
		1	99	19.31	19.08	18.99	20.7
		50	0	18.47	18.66	18.71	19.7
		50	25	18.54	18.67	18.64	19.7
		50	50	18.60	18.63	18.41	19.7
		100	0	18.63	18.56	18.55	19.7
BW	Modulation	Channel		36725	39150	39575	Max. Tune-up (dBm)
		Frequency (MHz)		2307.5	2550	2592.5	
15M	QPSK	1	0	22.44	22.67	22.51	23.7
		1	37	22.34	22.51	22.45	23.7
		1	74	22.37	22.30	22.32	23.7
		36	0	21.46	21.66	21.61	22.7
		36	19	21.38	21.63	21.45	22.7
		36	39	21.41	21.51	21.42	22.7
		75	0	21.47	21.51	21.45	22.7
	16QAM	1	0	21.67	21.75	21.59	22.7
		1	37	21.56	21.65	21.59	22.7
		1	74	21.66	21.49	21.41	22.7
		36	0	20.49	20.69	20.62	21.7
		36	19	20.50	20.55	20.51	21.7
		36	39	20.56	20.52	20.58	21.7
		75	0	20.47	20.69	20.48	21.7
	64QAM	1	0	20.10	20.37	20.24	21.7
		1	37	20.12	20.13	20.29	21.7
		1	74	20.18	20.05	20.00	21.7
		36	0	19.51	19.61	19.55	20.7
		36	19	19.56	19.56	19.50	20.7
		36	39	19.58	19.57	19.43	20.7
		75	0	19.48	19.54	19.58	20.7
	256QAM	1	0	19.07	19.25	19.23	20.7
		1	37	19.01	19.10	19.07	20.7
		1	74	19.21	19.03	18.86	20.7
		36	0	18.35	18.58	18.59	19.7
		36	19	18.42	18.63	18.53	19.7
		36	39	18.51	18.58	18.40	19.7
		75	0	18.58	18.41	18.40	19.7
BW	Modulation	Channel		36700	39150	39600	Max. Tune-up (dBm)
		Frequency (MHz)		2305	2550	2595	
10M	QPSK	1	0	22.52	22.64	22.56	23.7
		1	24	22.39	22.51	22.36	23.7
		1	49	22.49	22.37	22.32	23.7
		25	0	21.56	21.60	21.56	22.7
		25	12	21.48	21.54	21.46	22.7
		25	25	21.44	21.62	21.52	22.7
		50	0	21.41	21.55	21.50	22.7
	16QAM	1	0	21.69	21.75	21.63	22.7
		1	24	21.58	21.64	21.49	22.7
		1	49	21.65	21.48	21.32	22.7
		25	0	20.39	20.70	20.66	21.7
		25	12	20.53	20.63	20.49	21.7
		25	25	20.48	20.53	20.57	21.7
		50	0	20.49	20.60	20.60	21.7
	64QAM	1	0	20.07	20.38	20.29	21.7
		1	24	20.05	20.21	20.23	21.7
		1	49	20.28	20.07	19.99	21.7
		25	0	19.52	19.68	19.54	20.7
		25	12	19.59	19.56	19.60	20.7
		25	25	19.50	19.54	19.46	20.7
		50	0	19.54	19.54	19.57	20.7
	256QAM	1	0	19.05	19.24	19.20	20.7
		1	24	18.92	19.03	19.06	20.7
		1	49	19.27	19.00	18.96	20.7
		25	0	18.41	18.62	18.64	19.7
		25	12	18.42	18.61	18.61	19.7
		25	25	18.50	18.53	18.34	19.7
		50	0	18.58	18.46	18.44	19.7
BW	Modulation	Channel		36675	39150	39625	Max. Tune-up (dBm)
		Frequency (MHz)		2302.5	2550	2597.5	
5M	QPSK	1	0	22.43	22.66	22.53	23.7
		1	12	22.36	22.52	22.42	23.7
		1	24	22.39	22.37	22.31	23.7
		12	0	21.43	21.64	21.54	22.7
		12	6	21.41	21.57	21.53	22.7
		12	13	21.40	21.49	21.52	22.7
		25	0	21.49	21.58	21.51	22.7
	16QAM	1	0	21.65	21.74	21.60	22.7
		1	12	21.57	21.58	21.57	22.7
		1	24	21.67	21.52	21.45	22.7
		12	0	20.45	20.71	20.57	21.7
		12	6	20.49	20.66	20.58	21.7
		12	13	20.48	20.54	20.59	21.7
		25	0	20.46	20.60	20.60	21.7
	64QAM	1	0	20.13	20.37	20.27	21.7
		1	12	19.99	20.13	20.21	21.7
		1	24	20.26	20.06	19.87	21.7
		12	0	19.51	19.68	19.58	20.7
		12	6	19.51	19.60	19.50	20.7
		12	13	19.55	19.61	19.42	20.7
		25	0	19.60	19.64	19.54	20.7
	256QAM	1	0	19.15	19.30	19.26	20.7
		1	12	18.98	19.07	19.07	20.7
		1	24	19.22	19.05	18.87	20.7
		12	0	18.39	18.53	18.60	19.7
		12	6	18.45	18.55	18.61	19.7
		12	13	18.55	18.51	18.29	19.7
		25	0	18.60	18.43	18.45	19.7

LTE Band 41 (2496 ~ 2690MHz) Ant0 PC3 Full

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequence (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	22.42	22.45	**22.65**	22.64	22.61	23.7
		1	50	22.34	22.44	22.49	22.51	22.41	23.7
		1	99	22.20	22.41	22.63	22.53	22.34	23.7
		50	0	21.63	21.57	**21.70**	21.69	21.52	22.7
		50	25	21.56	21.52	21.64	21.55	21.50	22.7
		50	50	21.47	21.56	21.62	21.51	21.44	22.7
		100	0	21.59	21.62	**21.63**	21.53	21.51	22.7
	16QAM	1	0	21.53	21.52	21.65	21.67	21.49	22.7
		1	50	21.43	21.52	21.47	21.51	21.38	22.7
		1	99	21.28	21.53	21.48	21.42	21.33	22.7
		50	0	20.61	20.51	20.70	20.71	20.55	21.7
		50	25	20.60	20.69	20.68	20.59	20.50	21.7
		50	50	20.51	20.66	20.65	20.54	20.49	21.7
		100	0	20.56	20.68	20.73	20.65	20.57	21.7
	64QAM	1	0	20.19	20.11	20.22	20.27	20.25	21.7
		1	50	20.14	20.30	20.23	20.26	20.13	21.7
		1	99	20.06	20.25	20.20	20.21	20.02	21.7
		50	0	19.65	19.61	19.79	19.77	19.60	20.7
		50	25	19.66	19.74	19.63	19.62	19.57	20.7
		50	50	19.58	19.72	19.75	19.60	19.51	20.7
		100	0	19.60	19.66	19.70	19.61	19.59	20.7
	256QAM	1	0	18.99	18.96	19.03	19.17	19.11	20.7
		1	50	19.03	19.12	19.09	19.10	18.92	20.7
		1	99	18.90	19.10	18.99	19.11	18.80	20.7
		50	0	18.45	18.43	18.61	18.55	18.40	19.7
		50	25	18.52	18.61	18.51	18.39	18.36	19.7
		50	50	18.48	18.50	18.53	18.51	18.37	19.7
		100	0	18.51	18.56	18.51	18.49	18.47	19.7
BW	MCS Index	Channel		39725	40173	40620	41068	41515	Max. Tune-up
		Frequence (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	22.38	22.46	22.58	22.52	22.48	23.7
		1	37	22.30	22.32	22.34	22.48	22.32	23.7
		1	74	22.19	22.29	22.50	22.43	22.19	23.7
		36	0	21.53	21.53	21.59	21.57	21.45	22.7
		36	19	21.54	21.41	21.50	21.50	21.37	22.7
		36	39	21.37	21.41	21.52	21.39	21.33	22.7
		75	0	21.58	21.51	21.55	21.38	21.47	22.7
	16QAM	1	0	21.44	21.40	21.50	21.66	21.48	22.7
		1	37	21.40	21.49	21.41	21.39	21.26	22.7
		1	74	21.17	21.46	21.39	21.37	21.32	22.7
		36	0	20.47	20.42	20.68	20.61	20.46	21.7
		36	19	20.49	20.54	20.61	20.56	20.46	21.7
		36	39	20.49	20.51	20.51	20.47	20.45	21.7
		75	0	20.55	20.63	20.60	20.64	20.47	21.7
	64QAM	1	0	20.15	20.07	20.21	20.12	20.11	21.7
		1	37	20.10	20.21	20.15	20.19	20.05	21.7
		1	74	20.03	20.19	20.11	20.20	19.88	21.7
		36	0	19.62	19.52	19.69	19.72	19.57	20.7
		36	19	19.55	19.65	19.55	19.59	19.46	20.7
		36	39	19.57	19.64	19.65	19.55	19.38	20.7
		75	0	19.49	19.51	19.64	19.54	19.48	20.7
	256QAM	1	0	18.94	18.94	18.98	19.05	19.03	20.7
		1	37	18.95	19.03	19.00	18.95	18.90	20.7
		1	74	18.82	19.00	18.97	19.09	18.66	20.7
		36	0	18.32	18.40	18.48	18.53	18.25	19.7
		36	19	18.47	18.47	18.47	18.32	18.31	19.7
		36	39	18.36	18.43	18.46	18.47	18.27	19.7
		75	0	18.41	18.42	18.41	18.46	18.40	19.7
BW	MCS Index	Channel		39700	40150	40620	41090	41540	Max. Tune-up
		Frequence (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	22.30	22.38	22.61	22.52	22.58	23.7
		1	24	22.36	22.36	22.37	22.46	22.28	23.7
		1	49	22.10	22.37	22.58	22.38	22.19	23.7
		25	0	21.61	21.46	21.60	21.56	21.42	22.7
		25	12	21.50	21.47	21.60	21.40	21.42	22.7
		25	25	21.44	21.54	21.56	21.38	21.29	22.7
		50	0	21.45	21.59	21.58	21.42	21.40	22.7
	16QAM	1	0	21.44	21.38	21.61	21.62	21.41	22.7
		1	24	21.45	21.35	21.33	21.45	21.34	22.7
		1	49	21.22	21.50	21.38	21.37	21.21	22.7
		25	0	20.53	20.38	20.64	20.62	20.43	21.7
		25	12	20.52	20.56	20.54	20.45	20.38	21.7
		25	25	20.39	20.60	20.64	20.48	20.39	21.7
		50	0	20.52	20.57	20.63	20.50	20.52	21.7
	64QAM	1	0	20.12	20.03	20.19	20.22	20.23	21.7
		1	24	20.01	20.16	20.21	20.15	20.12	21.7
		1	49	19.93	20.12	20.12	20.16	19.90	21.7
		25	0	19.64	19.56	19.73	19.65	19.52	20.7
		25	12	19.62	19.62	19.61	19.52	19.53	20.7
		25	25	19.55	19.60	19.69	19.53	19.44	20.7
		50	0	19.52	19.57	19.58	19.59	19.53	20.7
	256QAM	1	0	18.87	18.89	18.94	19.07	19.05	20.7
		1	24	18.93	19.09	19.07	19.03	18.86	20.7
		1	49	18.85	19.09	18.93	19.00	18.70	20.7
		25	0	18.36	18.37	18.59	18.54	18.31	19.7
		25	12	18.42	18.49	18.41	18.26	18.22	19.7
		25	25	18.46	18.37	18.46	18.49	18.36	19.7
		50	0	18.49	18.55	18.46	18.46	18.37	19.7
BW	MCS Index	Channel		39675	40125	40620	41065	41560	Max. Tune-up
		Frequence (MHz)		2498.5	2545.5	2593	2640.5	2687.5	
5M	QPSK	1	0	22.35	22.44	22.59	22.53	22.54	23.7
		1	12	22.30	22.43	22.41	22.39	22.26	23.7
		1	24	22.18	22.34	22.61	22.30	22.31	23.7
		12	0	21.50	21.48	21.57	21.58	21.42	22.7
		12	6	21.45	21.51	21.63	21.52	21.49	22.7
		12	13	21.41	21.49	21.48	21.42	21.35	22.7
		25	0	21.50	21.55	21.57	21.46	21.50	22.7
	16QAM	1	0	21.43	21.41	21.55	21.61	21.41	22.7
		1	12	21.42	21.45	21.34	21.44	21.24	22.7
		1	24	21.14	21.41	21.40	21.29	21.31	22.7
		12	0	20.53	20.39	20.57	20.64	20.46	21.7
		12	6	20.48	20.57	20.54	20.56	20.41	21.7
		12	13	20.39	20.58	20.56	20.39	20.36	21.7
		25	0	20.48	20.60	20.63	20.61	20.52	21.7
	64QAM	1	0	20.09	20.00	20.16	20.23	20.20	21.7
		1	12	20.09	20.17	20.15	20.25	20.12	21.7
		1	24	20.03	20.19	20.08	20.15	19.90	21.7
		12	0	19.56	19.54	19.66	19.72	19.46	20.7
		12	6	19.51	19.62	19.55	19.56	19.49	20.7
		12	13	19.44	19.59	19.62	19.53	19.45	20.7
		25	0	19.50	19.59	19.59	19.56	19.49	20.7
	256QAM	1	0	18.84	18.95	18.91	19.02	19.03	20.7
		1	12	18.91	19.03	19.07	18.99	18.85	20.7
		1	24	18.88	18.97	18.87	18.99	18.74	20.7
		12	0	18.31	18.36	18.48	18.49	18.39	19.7
		12	6	18.43	18.46	18.40	18.34	18.30	19.7
		12	13	18.42	18.49	18.44	18.45	18.25	19.7
		25	0	18.41	18.51	18.38	18.44	18.42	19.7

LTE Band 48 for FCC SAR Ant5 Full

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55630	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	21.57	21.66	21.63	**22.09**	23
		1	50	21.34	21.49	21.55	22.05	23
		1	99	21.52	21.64	21.28	22.02	23
		50	0	21.12	21.17	20.29	21.27	22
		50	25	21.15	21.28	20.75	**21.29**	22
		50	50	21.04	21.26	20.42	21.23	22
		100	0	21.02	21.23	20.24	**21.31**	22
	16QAM	1	0	21.11	21.15	20.20	21.28	22
		1	50	21.08	21.22	20.18	21.29	22
		1	99	21.02	21.26	20.37	21.32	22
		50	0	20.14	20.22	19.80	20.26	21.5
		50	25	20.07	20.31	19.81	20.30	21.5
		50	50	20.09	20.34	19.83	20.22	21.5
		100	0	20.04	20.27	19.87	20.32	21.5
	64QAM	1	0	20.78	20.87	19.87	20.12	21.5
		1	50	20.77	21.11	19.85	20.18	21.5
		1	99	20.66	21.07	19.79	20.12	21.5
		50	0	20.10	20.15	19.84	19.88	20.5
		50	25	19.99	20.23	19.47	19.50	20.5
		50	50	20.00	20.28	19.40	19.51	20.5
		100	0	19.98	20.30	19.87	19.10	20.5
	256QAM	1	0	19.71	19.81	18.75	19.09	20.5
		1	50	19.76	20.07	18.75	19.04	20.5
		1	99	19.52	20.04	18.69	19.01	20.5
		50	0	19.03	19.00	18.80	18.83	19.5
		50	25	18.93	19.09	18.41	18.43	19.5
		50	50	18.86	19.16	18.32	18.45	19.5
		100	0	18.94	19.16	18.86	17.95	19.5
BW	MCS Index	Channel		55315	55620	56140	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	21.51	21.58	21.49	22.02	23
		1	37	21.21	21.35	21.52	22.04	23
		1	74	21.42	21.51	21.27	21.96	23
		36	0	21.03	21.11	20.24	21.18	22
		36	19	21.00	21.26	20.72	21.14	22
		36	39	21.03	21.14	20.32	21.16	22
		75	0	20.92	21.10	20.12	21.18	22
	16QAM	1	0	20.97	21.01	20.05	21.21	22
		1	37	20.95	21.10	20.16	21.22	22
		1	74	20.95	21.14	20.29	21.27	22
		36	0	20.02	20.18	19.65	20.14	21.5
		36	19	19.94	20.23	19.66	20.29	21.5
		36	39	19.97	20.21	19.81	20.09	21.5
		75	0	20.02	20.15	19.81	20.27	21.5
	64QAM	1	0	20.71	20.80	19.72	20.11	21.5
		1	37	20.70	21.00	19.81	20.09	21.5
		1	74	20.60	21.05	19.72	20.02	21.5
		36	0	20.00	20.06	19.62	19.77	20.5
		36	19	19.95	20.21	19.33	19.38	20.5
		36	39	19.89	20.23	19.30	19.49	20.5
		75	0	19.83	20.19	19.75	19.09	20.5
	256QAM	1	0	19.58	19.67	18.69	19.01	20.5
		1	37	19.66	19.93	18.61	18.97	20.5
		1	74	19.40	19.90	18.64	18.92	20.5
		36	0	18.99	18.85	18.76	18.68	19.5
		36	19	18.92	19.05	18.32	18.31	19.5
		36	39	18.79	19.05	18.26	18.33	19.5
		75	0	18.92	19.04	18.71	17.85	19.5
BW	MCS Index	Channel		55290	55615	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	21.49	21.63	21.57	22.06	23
		1	24	21.15	21.42	21.51	21.92	23
		1	49	21.42	21.59	21.26	21.99	23
		25	0	21.10	21.09	20.18	21.21	22
		25	12	21.02	21.23	20.70	21.24	22
		25	25	20.99	21.19	20.38	21.19	22
		50	0	20.87	21.12	20.15	21.25	22
	16QAM	1	0	21.10	21.08	20.05	21.21	22
		1	24	20.97	21.09	20.08	21.21	22
		1	49	21.01	21.21	20.23	21.28	22
		25	0	20.03	20.13	19.77	20.11	21.5
		25	12	19.98	20.23	19.68	20.18	21.5
		25	25	19.99	20.29	19.77	20.13	21.5
		50	0	19.94	20.12	19.80	20.31	21.5
	64QAM	1	0	20.64	20.79	19.74	20.10	21.5
		1	24	20.68	21.00	19.82	20.09	21.5
		1	49	20.53	20.97	19.65	20.09	21.5
		25	0	20.09	20.04	19.71	19.87	20.5
		25	12	19.95	20.08	19.48	19.40	20.5
		25	25	19.92	20.20	19.36	19.40	20.5
		50	0	19.95	20.22	19.81	19.02	20.5
	256QAM	1	0	19.57	19.70	18.70	19.09	20.5
		1	24	19.72	20.06	18.67	19.01	20.5
		1	49	19.44	19.94	18.61	18.96	20.5
		25	0	18.95	18.88	18.67	18.68	19.5
		25	12	18.82	19.08	18.34	18.35	19.5
		25	25	18.83	19.05	18.30	18.41	19.5
		50	0	18.86	19.03	18.79	17.84	19.5
BW	MCS Index	Channel		55265	55615	56115	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3642	3697.5	
5M	QPSK	1	0	21.46	21.62	21.58	22.02	23
		1	12	21.13	21.37	21.50	21.99	23
		1	24	21.47	21.51	21.21	21.98	23
		12	0	21.05	21.06	20.15	21.16	22
		12	6	21.05	21.15	20.61	21.20	22
		12	13	20.92	21.15	20.41	21.12	22
		25	0	20.92	21.17	20.14	21.26	22
	16QAM	1	0	21.10	21.11	20.07	21.17	22
		1	12	20.98	21.15	20.14	21.23	22
		1	24	20.99	21.21	20.33	21.20	22
		12	0	20.08	20.10	19.77	20.12	21.5
		12	6	20.00	20.26	19.79	20.27	21.5
		12	13	19.95	20.25	19.76	20.07	21.5
		25	0	19.89	20.13	19.74	20.23	21.5
	64QAM	1	0	20.75	20.80	19.72	19.98	21.5
		1	12	20.75	20.97	19.83	20.03	21.5
		1	24	20.59	20.97	19.67	19.98	21.5
		12	0	20.01	20.12	19.69	19.73	20.5
		12	6	19.97	20.13	19.39	19.39	20.5
		12	13	19.88	20.14	19.36	19.37	20.5
		25	0	19.92	20.19	19.73	19.02	20.5
	256QAM	1	0	19.63	19.72	18.62	18.95	20.5
		1	12	19.75	20.04	18.60	18.93	20.5
		1	24	19.49	19.91	18.68	18.90	20.5
		12	0	18.98	18.89	18.74	18.75	19.5
		12	6	18.78	19.01	18.38	18.40	19.5
		12	13	18.71	19.07	18.21	18.31	19.5
		25	0	18.92	19.03	18.82	17.94	19.5

LTE Band 66 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	22.12	22.35	22.24	23.7
		1	50	22.14	22.21	22.33	23.7
		1	99	22.16	**22.39**	22.34	23.7
		50	0	21.06	21.19	21.34	22.7
		50	25	21.19	21.25	21.23	22.7
		50	50	21.24	**21.39**	21.37	22.7
		100	0	21.25	**21.28**	21.24	22.7
	16QAM	1	0	21.50	21.52	21.53	22.7
		1	50	21.47	21.58	21.64	22.7
		1	99	21.45	21.60	21.61	22.7
		50	0	20.11	20.31	20.32	21.7
		50	25	20.22	20.37	20.56	21.7
		50	50	20.32	20.39	20.51	21.7
		100	0	20.25	20.40	20.46	21.7
	64QAM	1	0	20.36	20.53	20.57	21.7
		1	50	20.39	20.52	20.54	21.7
		1	99	20.49	20.63	20.58	21.7
		50	0	19.20	19.48	19.43	20.7
		50	25	19.26	19.53	19.44	20.7
		50	50	19.29	19.50	19.53	20.7
		100	0	19.30	19.47	19.39	20.7
	256QAM	1	0	19.33	19.50	19.46	20.7
		1	50	19.29	19.41	19.41	20.7
		1	99	19.39	19.56	19.51	20.7
		50	0	18.13	18.45	18.33	19.7
		50	25	18.18	18.45	18.39	19.7
		50	50	18.27	18.38	18.39	19.7
		100	0	18.20	18.32	18.25	19.7
BW	MCS Index	Channel		132047	132322	132597	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	22.05	22.31	22.19	23.7
		1	37	22.02	22.06	22.31	23.7
		1	74	22.10	22.31	22.32	23.7
		36	0	20.95	21.08	21.21	22.7
		36	19	21.07	21.21	21.13	22.7
		36	39	21.09	21.38	21.24	22.7
		75	0	21.17	21.23	21.11	22.7
	16QAM	1	0	21.41	21.37	21.50	22.7
		1	37	21.35	21.51	21.61	22.7
		1	74	21.39	21.52	21.55	22.7
		36	0	19.98	20.26	20.31	21.7
		36	19	20.11	20.36	20.54	21.7
		36	39	20.30	20.28	20.49	21.7
		75	0	20.20	20.28	20.32	21.7
	64QAM	1	0	20.24	20.45	20.45	21.7
		1	37	20.36	20.39	20.53	21.7
		1	74	20.42	20.56	20.49	21.7
		36	0	19.12	19.36	19.38	20.7
		36	19	19.23	19.52	19.30	20.7
		36	39	19.27	19.37	19.44	20.7
		75	0	19.29	19.34	19.36	20.7
	256QAM	1	0	19.19	19.37	19.42	20.7
		1	37	19.23	19.36	19.28	20.7
		1	74	19.32	19.53	19.41	20.7
		36	0	18.10	18.44	18.28	19.7
		36	19	18.07	18.40	18.31	19.7
		36	39	18.20	18.24	18.34	19.7
		75	0	18.06	18.27	18.19	19.7
BW	MCS Index	Channel		132022	132322	132622	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	21.97	22.28	22.19	23.7
		1	24	22.01	22.20	22.18	23.7
		1	49	22.01	22.31	22.21	23.7
		25	0	21.04	21.04	21.27	22.7
		25	12	21.06	21.11	21.18	22.7
		25	25	21.18	21.24	21.29	22.7
		50	0	21.14	21.17	21.19	22.7
	16QAM	1	0	21.40	21.43	21.45	22.7
		1	24	21.32	21.51	21.52	22.7
		1	49	21.40	21.53	21.58	22.7
		25	0	19.98	20.21	20.24	21.7
		25	12	20.13	20.33	20.47	21.7
		25	25	20.24	20.26	20.47	21.7
		50	0	20.12	20.38	20.35	21.7
	64QAM	1	0	20.34	20.43	20.48	21.7
		1	24	20.26	20.47	20.46	21.7
		1	49	20.34	20.59	20.57	21.7
		25	0	19.09	19.45	19.42	20.7
		25	12	19.16	19.48	19.42	20.7
		25	25	19.22	19.35	19.41	20.7
		50	0	19.15	19.36	19.29	20.7
	256QAM	1	0	19.32	19.49	19.37	20.7
		1	24	19.14	19.34	19.27	20.7
		1	49	19.36	19.55	19.38	20.7
		25	0	18.12	18.40	18.29	19.7
		25	12	18.10	18.32	18.31	19.7
		25	25	18.23	18.37	18.25	19.7
		50	0	18.15	18.19	18.22	19.7
BW	MCS Index	Channel		131987	132322	132657	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	22.01	22.23	22.16	23.7
		1	12	22.05	22.11	22.31	23.7
		1	24	22.14	22.36	22.31	23.7
		12	0	21.02	21.12	21.33	22.7
		12	6	21.08	21.20	21.12	22.7
		12	13	21.22	21.26	21.31	22.7
		25	0	21.24	21.20	21.16	22.7
	16QAM	1	0	21.46	21.51	21.42	22.7
		1	12	21.38	21.54	21.52	22.7
		1	24	21.44	21.50	21.51	22.7
		12	0	20.00	20.18	20.30	21.7
		12	6	20.19	20.35	20.48	21.7
		12	13	20.18	20.27	20.46	21.7
		25	0	20.17	20.26	20.40	21.7
	64QAM	1	0	20.34	20.40	20.45	21.7
		1	12	20.33	20.51	20.49	21.7
		1	24	20.37	20.54	20.43	21.7
		12	0	19.09	19.47	19.30	20.7
		12	6	19.14	19.46	19.33	20.7
		12	13	19.21	19.43	19.39	20.7
		25	0	19.26	19.33	19.33	20.7
	256QAM	1	0	19.26	19.40	19.35	20.7
		1	12	19.21	19.27	19.27	20.7
		1	24	19.27	19.46	19.45	20.7
		12	0	17.98	18.38	18.25	19.7
		12	6	18.12	18.31	18.35	19.7
		12	13	18.12	18.28	18.25	19.7
		25	0	18.10	18.29	18.16	19.7
BW	MCS Index	Channel		131897	132322	132657	Max. Tune-up
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	21.99	22.24	22.22	23.7
		1	7	21.92	22.20	22.22	23.7
		1	14	22.08	22.35	22.31	23.7
		8	0	20.92	21.07	21.20	22.7
		8	3	21.09	21.17	21.11	22.7
		8	7	21.11	21.38	21.32	22.7
		15	0	21.18	21.25	21.10	22.7
	16QAM	1	0	21.41	21.47	21.43	22.7
		1	7	21.37	21.57	21.61	22.7
		1	14	21.36	21.45	21.52	22.7
		8	0	20.02	20.24	20.29	21.7
		8	3	20.19	20.28	20.50	21.7
		8	7	20.20	20.37	20.36	21.7
		15	0	20.18	20.39	20.37	21.7
	64QAM	1	0	20.30	20.52	20.43	21.7
		1	7	20.34	20.37	20.52	21.7
		1	14	20.35	20.57	20.50	21.7
		8	0	19.13	19.46	19.29	20.7
		8	3	19.23	19.38	19.43	20.7
		8	7	19.19	19.42	19.41	20.7
		15	0	19.27	19.32	19.24	20.7
	256QAM	1	0	19.26	19.44	19.41	20.7
		1	7	19.27	19.28	19.27	20.7
		1	14	19.30	19.46	19.38	20.7
		8	0	18.03	18.33	18.31	19.7
		8	3	18.08	18.34	18.26	19.7
		8	7	18.17	18.36	18.36	19.7
		15	0	18.09	18.24	18.15	19.7
BW	MCS Index	Channel		131979	132322	132665	Max. Tune-up
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	22.08	22.21	22.22	23.7
		1	2	21.99	22.17	22.30	23.7
		1	5	22.12	22.31	22.26	23.7
		3	0	21.86	21.93	22.15	23.7
		3	1	21.87	21.93	21.93	23.7
		3	3	21.99	22.18	22.12	23.7
		6	0	21.16	21.22	21.09	22.7
	16QAM	1	0	21.37	21.44	21.45	22.7
		1	2	21.44	21.44	21.57	22.7
		1	5	21.42	21.47	21.58	22.7
		3	0	20.88	21.04	21.04	22.7
		3	1	20.93	21.07	21.29	22.7
		3	3	21.12	21.10	21.26	22.7
		6	0	20.13	20.37	20.35	21.7
	64QAM	1	0	20.24	20.38	20.53	21.7
		1	2	20.28	20.40	20.39	21.7
		1	5	20.41	20.51	20.54	21.7
		3	0	19.92	20.18	20.20	21.7
		3	1	19.95	20.22	20.24	21.7
		3	3	19.96	20.29	20.26	21.7
		6	0	19.26	19.34	19.27	20.7
	256QAM	1	0	19.28	19.45	19.45	20.7
		1	2	19.19	19.40	19.31	20.7
		1	5	19.36	19.44	19.50	20.7
		3	0	18.02	18.34	18.31	19.7
		3	1	18.06	18.39	18.35	19.7
		3	3	18.14	18.27	18.28	19.7
		6	0	18.19	18.19	18.12	19.7

LTE Band 71 Ant0 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		133022	133222	133372	
		Frequency (MHz)		673	683	688	
20M	QPSK	1	0	**22.57**	22.54	22.56	23.7
		1	50	22.55	22.54	22.47	23.7
		1	99	22.47	22.43	22.42	23.7
		50	0	21.51	21.60	21.62	22.7
		50	25	21.64	21.61	21.63	22.7
		50	50	**21.65**	21.63	21.64	22.7
		100	0	**21.56**	21.54	21.55	22.7
	16QAM	1	0	21.91	21.92	21.93	22.7
		1	50	21.80	21.88	21.85	22.7
		1	99	21.84	21.87	21.86	22.7
		50	0	20.51	20.55	20.67	21.7
		50	25	20.61	20.67	20.68	21.7
		50	50	20.55	20.60	20.66	21.7
		100	0	20.59	20.63	20.76	21.7
	64QAM	1	0	20.83	20.87	20.84	21.7
		1	50	20.67	20.84	20.81	21.7
		1	99	20.80	20.72	20.73	21.7
		50	0	19.59	19.61	19.67	20.7
		50	25	19.72	19.78	19.71	20.7
		50	50	19.54	19.50	19.63	20.7
		100	0	19.73	19.69	19.73	20.7
	256QAM	1	0	19.78	19.82	19.80	20.7
		1	50	19.58	19.79	19.79	20.7
		1	99	19.77	19.68	19.70	20.7
		50	0	18.46	18.47	18.62	19.7
		50	25	18.69	18.71	18.63	19.7
		50	50	18.50	18.41	18.55	19.7
		100	0	18.60	18.66	18.68	19.7
BW	MCS Index	Channel		133197	133297	133397	Max. Tune-up
		Frequency (MHz)		670.5	680.5	690.5	
15M	QPSK	1	0	22.45	22.46	22.47	23.7
		1	37	22.49	22.52	22.33	23.7
		1	74	22.43	22.41	22.34	23.7
		36	0	21.49	21.50	21.57	22.7
		36	19	21.60	21.57	21.59	22.7
		36	39	21.60	21.58	21.54	22.7
		75	0	21.48	21.53	21.52	22.7
	16QAM	1	0	21.81	21.84	21.80	22.7
		1	37	21.65	21.84	21.82	22.7
		1	74	21.69	21.85	21.82	22.7
		36	0	20.36	20.43	20.54	21.7
		36	19	20.46	20.58	20.59	21.7
		36	39	20.43	20.54	20.59	21.7
		75	0	20.53	20.49	20.73	21.7
	64QAM	1	0	20.79	20.79	20.73	21.7
		1	37	20.57	20.78	20.80	21.7
		1	74	20.68	20.63	20.66	21.7
		36	0	19.55	19.46	19.59	20.7
		36	19	19.68	19.65	19.66	20.7
		36	39	19.49	19.42	19.59	20.7
		75	0	19.58	19.60	19.66	20.7
	256QAM	1	0	19.73	19.76	19.71	20.7
		1	37	19.44	19.69	19.71	20.7
		1	74	19.73	19.58	19.58	20.7
		36	0	18.37	18.35	18.53	19.7
		36	19	18.64	18.62	18.53	19.7
		36	39	18.44	18.30	18.44	19.7
		75	0	18.57	18.55	18.56	19.7
BW	MCS Index	Channel		133172	133297	133422	Max. Tune-up
		Frequency (MHz)		668	680.5	693	
10M	QPSK	1	0	22.55	22.52	22.49	23.7
		1	24	22.43	22.40	22.43	23.7
		1	49	22.37	22.39	22.40	23.7
		25	0	21.42	21.57	21.56	22.7
		25	12	21.61	21.50	21.59	22.7
		25	25	21.54	21.53	21.58	22.7
		50	0	21.46	21.45	21.52	22.7
	16QAM	1	0	21.88	21.88	21.88	22.7
		1	24	21.73	21.75	21.83	22.7
		1	49	21.72	21.79	21.82	22.7
		25	0	20.45	20.46	20.53	21.7
		25	12	20.56	20.66	20.56	21.7
		25	25	20.50	20.52	20.63	21.7
		50	0	20.44	20.55	20.72	21.7
	64QAM	1	0	20.76	20.84	20.72	21.7
		1	24	20.63	20.79	20.69	21.7
		1	49	20.76	20.66	20.67	21.7
		25	0	19.54	19.52	19.64	20.7
		25	12	19.57	19.68	19.67	20.7
		25	25	19.45	19.46	19.49	20.7
		50	0	19.67	19.68	19.59	20.7
	256QAM	1	0	19.70	19.67	19.66	20.7
		1	24	19.56	19.77	19.74	20.7
		1	49	19.74	19.58	19.65	20.7
		25	0	18.44	18.33	18.61	19.7
		25	12	18.66	18.64	18.51	19.7
		25	25	18.46	18.35	18.43	19.7
		50	0	18.50	18.56	18.54	19.7
BW	MCS Index	Channel		133147	133297	133447	Max. Tune-up
		Frequency (MHz)		665.5	680.5	695.5	
5M	QPSK	1	0	22.52	22.51	22.42	23.7
		1	12	22.50	22.46	22.46	23.7
		1	24	22.44	22.33	22.31	23.7
		12	0	21.41	21.54	21.58	22.7
		12	6	21.55	21.51	21.61	22.7
		12	13	21.51	21.61	21.54	22.7
		25	0	21.48	21.51	21.42	22.7
	16QAM	1	0	21.82	21.79	21.85	22.7
		1	12	21.79	21.78	21.82	22.7
		1	24	21.74	21.86	21.80	22.7
		12	0	20.38	20.52	20.52	21.7
		12	6	20.50	20.64	20.59	21.7
		12	13	20.46	20.58	20.63	21.7
		25	0	20.56	20.51	20.71	21.7
	64QAM	1	0	20.70	20.78	20.79	21.7
		1	12	20.55	20.83	20.69	21.7
		1	24	20.78	20.67	20.65	21.7
		12	0	19.56	19.46	19.56	20.7
		12	6	19.58	19.69	19.61	20.7
		12	13	19.42	19.38	19.54	20.7
		25	0	19.58	19.64	19.58	20.7
	256QAM	1	0	19.73	19.74	19.73	20.7
		1	12	19.47	19.67	19.73	20.7
		1	24	19.64	19.55	19.66	20.7
		12	0	18.39	18.36	18.47	19.7
		12	6	18.68	18.69	18.49	19.7
		12	13	18.36	18.29	18.53	19.7
		25	0	18.56	18.57	18.64	19.7

LTE Band 2 Ant1 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	17.78	17.94	17.95	19
		1	50	18.06	17.99	17.94	19
		1	99	**18.16**	18.01	17.99	19
		50	0	17.18	17.07	16.88	18
		50	25	17.24	17.02	17.06	18
		50	50	**17.27**	17.13	17.09	18
		100	0	**17.30**	17.04	17.07	18
	16QAM	1	0	17.72	17.83	17.81	19
		1	50	17.95	17.88	17.91	19
		1	99	18.09	17.87	17.92	19
		50	0	17.08	17.05	16.80	18
		50	25	17.18	16.89	17.05	18
		50	50	17.15	17.01	16.94	18
		100	0	17.26	16.98	16.95	18
	64QAM	1	0	17.61	17.73	17.71	19
		1	50	17.94	17.83	17.86	19
		1	99	18.04	17.75	17.91	19
		50	0	17.01	16.93	16.77	18
		50	25	17.17	16.82	16.95	18
		50	50	17.14	16.90	16.85	18
		100	0	17.20	16.91	16.83	18
	256QAM	1	0	16.94	16.91	16.56	18
		1	50	16.87	16.90	16.82	18
		1	99	16.83	16.87	16.76	18
		50	0	15.94	15.97	15.62	17
		50	25	15.75	15.84	15.62	17
		50	50	16.03	16.05	15.95	17
		100	0	16.01	15.86	15.84	17
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	17.73	17.91	17.87	19
		1	37	17.94	17.87	17.83	19
		1	74	18.15	17.97	17.87	19
		36	0	17.17	16.95	16.80	18
		36	19	17.11	16.88	17.00	18
		36	39	17.12	17.01	17.02	18
		75	0	17.26	16.98	17.06	18
	16QAM	1	0	17.69	17.68	17.77	19
		1	37	17.85	17.81	17.76	19
		1	74	18.06	17.82	17.84	19
		36	0	16.97	16.95	16.73	18
		36	19	17.08	16.80	17.03	18
		36	39	17.13	16.90	16.81	18
		75	0	17.23	16.87	16.91	18
	64QAM	1	0	17.53	17.69	17.67	19
		1	37	17.92	17.68	17.82	19
		1	74	18.00	17.64	17.83	19
		36	0	16.96	16.79	16.73	18
		36	19	17.02	16.77	16.87	18
		36	39	17.10	16.83	16.82	18
		75	0	17.11	16.87	16.79	18
	256QAM	1	0	16.91	16.86	16.43	18
		1	37	16.75	16.80	16.81	18
		1	74	16.79	16.81	16.69	18
		36	0	15.82	15.82	15.59	17
		36	19	15.62	15.72	15.54	17
		36	39	15.96	15.94	15.91	17
		75	0	15.95	15.83	15.79	17
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	17.67	17.92	17.81	19
		1	24	17.93	17.91	17.89	19
		1	49	18.09	17.98	17.85	19
		25	0	17.16	16.95	16.77	18
		25	12	17.11	16.95	17.00	18
		25	25	17.12	17.12	17.01	18
		50	0	17.23	16.94	16.93	18
	16QAM	1	0	17.67	17.73	17.70	19
		1	24	17.92	17.74	17.83	19
		1	49	18.06	17.73	17.89	19
		25	0	17.04	16.94	16.73	18
		25	12	17.11	16.83	16.92	18
		25	25	17.03	16.98	16.79	18
		50	0	17.22	16.94	16.87	18
	64QAM	1	0	17.51	17.61	17.68	19
		1	24	17.87	17.72	17.82	19
		1	49	18.03	17.65	17.86	19
		25	0	16.97	16.79	16.63	18
		25	12	17.02	16.79	16.88	18
		25	25	17.05	16.80	16.74	18
		50	0	17.18	16.89	16.79	18
	256QAM	1	0	16.83	16.78	16.42	18
		1	24	16.76	16.87	16.67	18
		1	49	16.74	16.75	16.61	18
		25	0	15.88	15.95	15.50	17
		25	12	15.70	15.69	15.54	17
		25	25	15.91	15.93	15.94	17
		50	0	15.98	15.74	15.82	17
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	17.75	17.80	17.94	19
		1	12	17.98	17.94	17.84	19
		1	24	18.11	17.88	17.86	19
		12	0	17.17	16.99	16.86	18
		12	6	17.14	16.98	17.04	18
		12	13	17.17	17.01	17.05	18
		25	0	17.15	16.92	17.04	18
	16QAM	1	0	17.65	17.80	17.80	19
		1	12	17.81	17.82	17.89	19
		1	24	18.08	17.72	17.81	19
		12	0	16.99	16.98	16.79	18
		12	6	17.09	16.76	17.00	18
		12	13	17.02	16.92	16.91	18
		25	0	17.21	16.85	16.80	18
	64QAM	1	0	17.55	17.66	17.63	19
		1	12	17.93	17.70	17.77	19
		1	24	17.91	17.69	17.85	19
		12	0	16.87	16.83	16.73	18
		12	6	17.03	16.77	16.90	18
		12	13	17.04	16.89	16.78	18
		25	0	17.12	16.85	16.82	18
	256QAM	1	0	16.86	16.85	16.53	18
		1	12	16.78	16.80	16.77	18
		1	24	16.69	16.74	16.65	18
		12	0	15.82	15.91	15.60	17
		12	6	15.74	15.69	15.56	17
		12	13	15.94	15.90	15.85	17
		25	0	15.96	15.84	15.83	17
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	17.75	17.85	17.88	19
		1	7	18.02	17.93	17.81	19
		1	14	18.01	17.93	17.88	19
		8	0	17.07	17.01	16.85	18
		8	3	17.20	16.98	17.04	18
		8	7	17.18	17.01	16.96	18
		15	0	17.28	16.97	17.06	18
	16QAM	1	0	17.57	17.71	17.80	19
		1	7	17.93	17.85	17.77	19
		1	14	18.03	17.80	17.89	19
		8	0	17.04	16.90	16.77	18
		8	3	17.06	16.85	17.02	18
		8	7	17.05	16.99	16.90	18
		15	0	17.11	16.91	16.86	18
	64QAM	1	0	17.48	17.64	17.69	19
		1	7	17.93	17.77	17.72	19
		1	14	17.95	17.68	17.85	19
		8	0	16.94	16.83	16.72	18
		8	3	17.03	16.69	16.81	18
		8	7	17.09	16.83	16.84	18
		15	0	17.06	16.86	16.79	18
	256QAM	1	0	16.89	16.76	16.46	18
		1	7	16.84	16.88	16.79	18
		1	14	16.74	16.82	16.67	18
		8	0	15.89	15.85	15.56	17
		8	3	15.60	15.69	15.59	17
		8	7	15.93	15.99	15.81	17
		15	0	15.99	15.79	15.71	17
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	17.63	17.87	17.80	19
		1	2	18.02	17.93	17.81	19
		1	5	18.15	17.90	17.96	19
		3	0	17.71	17.75	17.76	19
		3	1	17.84	17.74	17.83	19
		3	3	18.02	17.81	17.86	19
		6	0	17.66	17.88	17.81	19
	16QAM	1	0	18.00	17.90	17.79	19
		1	2	18.11	17.92	17.92	19
		1	5	17.64	17.81	17.66	19
		3	0	17.83	17.84	17.87	19
		3	1	18.03	17.73	17.80	19
		3	3	17.66	17.85	17.88	19
		6	0	17.93	17.93	17.88	19
	64QAM	1	0	18.05	17.97	17.87	19
		1	2	17.60	17.79	17.66	19
		1	5	17.94	17.74	17.78	19
		3	0	18.05	17.76	17.89	19
		3	1	17.66	17.84	17.91	19
		3	3	17.95	17.92	17.91	19
		6	0	17.08	17.02	16.84	18
	256QAM	1	0	17.11	17.00	17.02	18
		1	2	17.15	17.05	17.08	18
		1	5	17.27	16.96	16.93	18
		3	0	16.98	16.96	16.73	18
		3	1	17.06	16.83	17.00	18
		3	3	17.12	16.99	16.83	18
		6	0	15.96	16.01	15.93	17

LTE Band 2 Ant2 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	22.40	22.49	22.51	23.7
		1	50	22.51	22.46	22.52	23.7
		1	99	**22.59**	22.51	22.54	23.7
		50	0	21.69	21.59	21.46	22.7
		50	25	21.71	21.57	21.55	22.7
		50	50	21.73	21.72	21.63	22.7
		100	0	21.73	21.66	21.60	22.7
	16QAM	1	0	21.84	21.78	21.77	22.7
		1	50	21.87	21.82	21.74	22.7
		1	99	21.87	21.83	21.95	22.7
		50	0	20.65	20.49	20.61	21.7
		50	25	20.70	20.59	20.65	21.7
		50	50	20.56	20.63	20.56	21.7
		100	0	20.66	20.53	20.44	21.7
	64QAM	1	0	20.72	20.61	20.35	21.7
		1	50	20.81	20.80	20.55	21.7
		1	99	20.75	20.72	20.47	21.7
		50	0	19.57	19.66	19.46	20.7
		50	25	19.69	19.57	19.49	20.7
		50	50	19.59	19.60	19.68	20.7
		100	0	19.71	19.53	19.50	20.7
	256QAM	1	0	19.63	19.60	19.15	20.7
		1	50	19.58	19.67	19.42	20.7
		1	99	19.57	19.55	19.38	20.7
		50	0	18.51	18.57	18.33	19.7
		50	25	18.45	18.48	18.30	19.7
		50	50	18.63	18.67	18.58	19.7
		100	0	18.59	18.51	18.48	19.7
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	22.26	22.40	22.49	23.7
		1	37	22.48	22.43	22.41	23.7
		1	74	22.53	22.37	22.42	23.7
		36	0	21.62	21.56	21.42	22.7
		36	19	21.64	21.42	21.47	22.7
		36	39	21.71	21.64	21.51	22.7
		75	0	21.65	21.57	21.54	22.7
	16QAM	1	0	21.83	21.63	21.75	22.7
		1	37	21.75	21.79	21.69	22.7
		1	74	21.75	21.73	21.84	22.7
		36	0	20.52	20.37	20.54	21.7
		36	19	20.68	20.44	20.54	21.7
		36	39	20.45	20.48	20.43	21.7
		75	0	20.51	20.48	20.36	21.7
	64QAM	1	0	20.64	20.51	20.24	21.7
		1	37	20.70	20.69	20.54	21.7
		1	74	20.60	20.67	20.42	21.7
		36	0	19.48	19.65	19.32	20.7
		36	19	19.60	19.55	19.35	20.7
		36	39	19.58	19.54	19.56	20.7
		75	0	19.57	19.47	19.46	20.7
	256QAM	1	0	19.59	19.49	19.04	20.7
		1	37	19.57	19.52	19.35	20.7
		1	74	19.54	19.44	19.35	20.7
		36	0	18.46	18.49	18.21	19.7
		36	19	18.37	18.45	18.28	19.7
		36	39	18.58	18.53	18.54	19.7
		75	0	18.52	18.38	18.35	19.7
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	22.30	22.41	22.41	23.7
		1	24	22.41	22.41	22.49	23.7
		1	49	22.58	22.36	22.47	23.7
		25	0	21.61	21.44	21.33	22.7
		25	12	21.59	21.51	21.52	22.7
		25	25	21.62	21.68	21.52	22.7
		50	0	21.67	21.64	21.45	22.7
	16QAM	1	0	21.70	21.64	21.66	22.7
		1	24	21.76	21.68	21.66	22.7
		1	49	21.75	21.82	21.92	22.7
		25	0	20.57	20.47	20.48	21.7
		25	12	20.67	20.50	20.53	21.7
		25	25	20.49	20.52	20.43	21.7
		50	0	20.60	20.38	20.30	21.7
	64QAM	1	0	20.69	20.53	20.25	21.7
		1	24	20.75	20.68	20.46	21.7
		1	49	20.63	20.71	20.37	21.7
		25	0	19.50	19.56	19.38	20.7
		25	12	19.67	19.44	19.35	20.7
		25	25	19.57	19.56	19.60	20.7
		50	0	19.56	19.47	19.39	20.7
	256QAM	1	0	19.58	19.58	19.10	20.7
		1	24	19.55	19.64	19.32	20.7
		1	49	19.45	19.52	19.27	20.7
		25	0	18.41	18.47	18.19	19.7
		25	12	18.35	18.35	18.26	19.7
		25	25	18.53	18.57	18.45	19.7
		50	0	18.52	18.38	18.35	19.7
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	22.31	22.40	22.47	23.7
		1	12	22.42	22.31	22.42	23.7
		1	24	22.50	22.45	22.43	23.7
		12	0	21.65	21.56	21.42	22.7
		12	6	21.58	21.48	21.54	22.7
		12	13	21.61	21.65	21.62	22.7
		25	0	21.60	21.52	21.53	22.7
	16QAM	1	0	21.79	21.64	21.71	22.7
		1	12	21.84	21.68	21.62	22.7
		1	24	21.82	21.68	21.82	22.7
		12	0	20.55	20.41	20.53	21.7
		12	6	20.67	20.54	20.63	21.7
		12	13	20.55	20.60	20.49	21.7
		25	0	20.56	20.38	20.33	21.7
	64QAM	1	0	20.62	20.57	20.26	21.7
		1	12	20.80	20.65	20.46	21.7
		1	24	20.62	20.62	20.33	21.7
		12	0	19.51	19.52	19.33	20.7
		12	6	19.59	19.54	19.48	20.7
		12	13	19.44	19.51	19.59	20.7
		25	0	19.64	19.50	19.36	20.7
	256QAM	1	0	19.52	19.53	19.13	20.7
		1	12	19.49	19.65	19.41	20.7
		1	24	19.54	19.48	19.35	20.7
		12	0	18.45	18.47	18.29	19.7
		12	6	18.31	18.40	18.25	19.7
		12	13	18.62	18.59	18.43	19.7
		25	0	18.51	18.36	18.41	19.7
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	22.39	22.45	22.46	23.7
		1	7	22.43	22.36	22.38	23.7
		1	14	22.51	22.50	22.39	23.7
		8	0	21.62	21.53	21.43	22.7
		8	3	21.60	21.51	21.53	22.7
		8	7	21.65	21.59	21.56	22.7
		15	0	21.59	21.65	21.48	22.7
	16QAM	1	0	21.80	21.72	21.76	22.7
		1	7	21.78	21.77	21.67	22.7
		1	14	21.73	21.72	21.83	22.7
		8	0	20.56	20.36	20.48	21.7
		8	3	20.62	20.58	20.64	21.7
		8	7	20.45	20.58	20.43	21.7
		15	0	20.64	20.38	20.43	21.7
	64QAM	1	0	20.62	20.59	20.34	21.7
		1	7	20.73	20.79	20.47	21.7
		1	14	20.73	20.67	20.35	21.7
		8	0	19.43	19.62	19.39	20.7
		8	3	19.64	19.56	19.41	20.7
		8	7	19.44	19.54	19.53	20.7
		15	0	19.67	19.38	19.40	20.7
	256QAM	1	0	19.62	19.46	19.10	20.7
		1	7	19.49	19.63	19.29	20.7
		1	14	19.50	19.47	19.34	20.7
		8	0	18.40	18.49	18.27	19.7
		8	3	18.31	18.35	18.24	19.7
		8	7	18.61	18.55	18.44	19.7
		15	0	18.49	18.38	18.46	19.7
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	22.26	22.41	22.43	23.7
		1	2	22.49	22.38	22.45	23.7
		1	5	22.44	22.42	22.52	23.7
		3	0	22.40	22.36	22.15	23.7
		3	1	22.45	22.30	22.28	23.7
		3	3	22.44	22.50	22.33	23.7
		6	0	21.65	21.57	21.57	22.7
	16QAM	1	0	21.83	21.75	21.64	22.7
		1	2	21.81	21.71	21.73	22.7
		1	5	21.76	21.75	21.92	22.7
		3	0	21.37	21.27	21.27	22.7
		3	1	21.48	21.29	21.41	22.7
		3	3	21.34	21.38	21.29	22.7
		6	0	20.51	20.48	20.31	21.7
	64QAM	1	0	20.59	20.53	20.26	21.7
		1	2	20.73	20.74	20.40	21.7
		1	5	20.64	20.70	20.37	21.7
		3	0	20.30	20.39	20.15	21.7
		3	1	20.41	20.34	20.18	21.7
		3	3	20.25	20.36	20.41	21.7
		6	0	19.63	19.52	19.36	20.7
	256QAM	1	0	19.32	19.29	18.97	20.7
		1	2	19.34	19.52	19.14	20.7
		1	5	19.43	19.23	19.12	20.7
		3	0	19.00	19.08	18.88	20.7
		3	1	19.03	18.95	18.89	20.7
		3	3	19.16	19.17	19.23	20.7
		6	0	18.26	18.17	18.22	19.7

LTE Band 5 Ant2 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20450	20525	20600	
		Frequence (MHz)		829	836.5	844	
10M	QPSK	1	0	22.49	22.47	**22.51**	23.7
		1	24	22.38	22.27	22.38	23.7
		1	49	22.46	22.46	22.47	23.7
		25	0	21.56	21.57	**21.59**	22.7
		25	12	21.51	21.55	21.50	22.7
		25	25	21.43	21.53	21.43	22.7
		50	0	21.54	21.60	**21.61**	22.7
	16QAM	1	0	21.76	21.94	21.82	22.7
		1	24	21.80	21.92	21.89	22.7
		1	49	21.78	22.00	21.79	22.7
		25	0	20.39	20.66	20.59	21.7
		25	12	20.44	20.66	20.54	21.7
		25	25	20.60	20.61	20.55	21.7
		50	0	20.57	20.66	20.58	21.7
	64QAM	1	0	20.64	20.82	20.87	21.7
		1	24	20.55	20.63	20.47	21.7
		1	49	20.80	20.69	20.75	21.7
		25	0	19.63	19.72	19.72	20.7
		25	12	19.66	19.62	19.60	20.7
		25	25	19.62	19.75	19.60	20.7
		50	0	19.75	19.83	19.49	20.7
	256QAM	1	0	19.50	19.78	19.68	20.7
		1	24	19.34	19.58	19.39	20.7
		1	49	19.71	19.59	19.50	20.7
		25	0	18.49	18.54	18.44	19.7
		25	12	18.63	18.45	18.48	19.7
		25	25	18.62	18.58	18.45	19.7
		50	0	18.65	18.63	18.45	19.7
BW	MCS Index	Channel		20425	20525	20625	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	22.23	22.42	22.30	23.7
		1	12	22.28	22.25	22.34	23.7
		1	24	22.53	22.56	22.34	23.7
		12	0	21.61	21.48	21.49	22.7
		12	6	21.51	21.54	21.41	22.7
		12	13	21.39	21.60	21.36	22.7
		25	0	21.54	21.50	21.52	22.7
	16QAM	1	0	21.61	21.88	21.67	22.7
		1	12	21.70	21.77	21.79	22.7
		1	24	21.73	21.94	21.67	22.7
		12	0	20.27	20.57	20.48	21.7
		12	6	20.41	20.55	20.43	21.7
		12	13	20.50	20.57	20.49	21.7
		25	0	20.56	20.63	20.57	21.7
	64QAM	1	0	20.52	20.81	20.80	21.7
		1	12	20.53	20.58	20.37	21.7
		1	24	20.68	20.55	20.72	21.7
		12	0	19.50	19.62	19.67	20.7
		12	6	19.53	19.57	19.57	20.7
		12	13	19.58	19.66	19.57	20.7
		25	0	19.63	19.77	19.34	20.7
	256QAM	1	0	19.37	19.67	19.63	20.7
		1	12	19.22	19.53	19.37	20.7
		1	24	19.58	19.56	19.49	20.7
		12	0	18.47	18.40	18.40	19.7
		12	6	18.48	18.37	18.42	19.7
		12	13	18.48	18.55	18.39	19.7
		25	0	18.62	18.62	18.35	19.7
BW	MCS Index	Channel		20415	20525	20635	Max. Tune-up
		Frequence (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	22.27	22.40	22.33	23.7
		1	7	22.25	22.16	22.34	23.7
		1	14	22.52	22.49	22.33	23.7
		8	0	21.63	21.47	21.43	22.7
		8	3	21.44	21.52	21.44	22.7
		8	7	21.35	21.55	21.34	22.7
		15	0	21.56	21.56	21.50	22.7
	16QAM	1	0	21.69	21.80	21.75	22.7
		1	7	21.79	21.80	21.77	22.7
		1	14	21.69	21.94	21.75	22.7
		8	0	20.28	20.56	20.44	21.7
		8	3	20.29	20.53	20.41	21.7
		8	7	20.50	20.49	20.51	21.7
		15	0	20.45	20.62	20.52	21.7
	64QAM	1	0	20.56	20.71	20.74	21.7
		1	7	20.54	20.59	20.34	21.7
		1	14	20.74	20.61	20.72	21.7
		8	0	19.55	19.62	19.61	20.7
		8	3	19.64	19.50	19.48	20.7
		8	7	19.50	19.74	19.45	20.7
		15	0	19.63	19.70	19.38	20.7
	256QAM	1	0	19.36	19.75	19.58	20.7
		1	7	19.22	19.52	19.27	20.7
		1	14	19.65	19.48	19.45	20.7
		8	0	18.36	18.39	18.34	19.7
		8	3	18.60	18.44	18.42	19.7
		8	7	18.52	18.49	18.44	19.7
		15	0	18.53	18.55	18.34	19.7
BW	MCS Index	Channel		20407	20525	20643	Max. Tune-up
		Frequence (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	22.17	22.45	22.37	23.7
		1	2	22.01	22.40	22.38	23.7
		1	5	22.19	22.37	22.35	23.7
		3	0	22.42	22.46	22.50	23.7
		3	1	22.42	22.47	22.48	23.7
		3	3	22.40	22.33	22.39	23.7
		6	0	21.65	21.40	21.53	22.7
	16QAM	1	0	21.69	21.55	21.63	22.7
		1	2	21.47	21.59	21.61	22.7
		1	5	21.60	21.70	21.62	22.7
		3	0	21.40	21.41	21.39	22.7
		3	1	21.35	21.43	21.50	22.7
		3	3	21.50	21.32	21.46	22.7
		6	0	20.47	20.45	20.57	21.7
	64QAM	1	0	20.58	20.56	20.73	21.7
		1	2	20.37	20.52	20.63	21.7
		1	5	20.49	20.43	20.63	21.7
		3	0	20.55	20.50	20.63	21.7
		3	1	20.39	20.33	20.47	21.7
		3	3	20.56	20.36	20.55	21.7
		6	0	19.67	19.35	19.42	20.7
	256QAM	1	0	19.54	19.49	19.59	20.7
		1	2	19.40	19.40	19.60	20.7
		1	5	19.44	19.39	19.42	20.7
		3	0	19.19	19.14	19.32	19.7
		3	1	19.23	18.98	19.28	19.7
		3	3	19.21	19.02	19.36	19.7
		6	0	18.46	18.35	18.42	19.7

LTE Band 12 Ant2 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		23060	23095	23130	
		Frequence (MHz)		704	707.5	711	
10M	QPSK	1	0	22.44	22.57	22.52	23.7
		1	24	22.40	22.39	22.50	23.7
		1	49	**22.64**	22.61	22.58	23.7
		25	0	21.70	21.68	21.66	22.7
		25	12	21.58	21.64	21.62	22.7
		25	25	21.53	21.66	21.54	22.7
		50	0	21.82	21.73	21.55	22.7
	16QAM	1	0	21.82	22.08	21.97	22.7
		1	24	21.85	21.97	21.93	22.7
		1	49	21.84	22.03	21.89	22.7
		25	0	20.49	20.76	20.66	21.7
		25	12	20.56	20.80	20.67	21.7
		25	25	20.68	20.64	20.69	21.7
		50	0	20.62	20.71	20.72	21.7
	64QAM	1	0	20.76	20.87	20.90	21.7
		1	24	20.59	20.76	20.59	21.7
		1	49	20.85	20.80	20.80	21.7
		25	0	19.67	19.78	19.75	20.7
		25	12	19.73	19.67	19.64	20.7
		25	25	19.76	19.79	19.65	20.7
		50	0	19.86	19.87	19.61	20.7
	256QAM	1	0	19.58	19.82	19.73	20.7
		1	24	19.42	19.70	19.54	20.7
		1	49	19.74	19.73	19.56	20.7
		25	0	18.61	18.56	18.59	19.7
		25	12	18.70	18.59	18.57	19.7
		25	25	18.76	18.60	18.58	19.7
		50	0	18.73	18.72	18.46	19.7

BW	MCS Index	Channel		23035	23095	23155	Max. Tune-up
		Frequence (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	22.43	22.42	22.43	23.7
		1	12	22.36	22.27	22.49	23.7
		1	24	22.63	22.54	22.51	23.7
		12	0	21.61	21.67	21.64	22.7
		12	6	21.52	21.55	21.55	22.7
		12	13	21.47	21.59	21.49	22.7
		25	0	21.67	21.71	21.41	22.7
	16QAM	1	0	21.69	22.02	21.89	22.7
		1	12	21.77	21.95	21.90	22.7
		1	24	21.77	22.01	21.86	22.7
		12	0	20.47	20.69	20.64	21.7
		12	6	20.50	20.78	20.60	21.7
		12	13	20.53	20.63	20.57	21.7
		25	0	20.53	20.62	20.60	21.7
	64QAM	1	0	20.66	20.78	20.80	21.7
		1	12	20.52	20.71	20.47	21.7
		1	24	20.72	20.73	20.77	21.7
		12	0	19.62	19.71	19.72	20.7
		12	6	19.59	19.53	19.53	20.7
		12	13	19.66	19.69	19.52	20.7
		25	0	19.71	19.78	19.48	20.7
	256QAM	1	0	19.47	19.78	19.62	20.7
		1	12	19.27	19.67	19.41	20.7
		1	24	19.67	19.68	19.48	20.7
		12	0	18.59	18.43	18.54	19.7
		12	6	18.57	18.51	18.49	19.7
		12	13	18.65	18.54	18.49	19.7
		25	0	18.58	18.70	18.38	19.7

BW	MCS Index	Channel		23025	23095	23165	Max. Tune-up
		Frequence (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	22.41	22.46	22.38	23.7
		1	7	22.38	22.24	22.42	23.7
		1	14	22.61	22.49	22.51	23.7
		8	0	21.60	21.55	21.51	22.7
		8	3	21.43	21.57	21.50	22.7
		8	7	21.38	21.62	21.47	22.7
		15	0	21.79	21.64	21.54	22.7
	16QAM	1	0	21.69	21.98	21.94	22.7
		1	7	21.80	21.91	21.83	22.7
		1	14	21.80	21.90	21.84	22.7
		8	0	20.34	20.69	20.61	21.7
		8	3	20.53	20.67	20.53	21.7
		8	7	20.67	20.63	20.55	21.7
		15	0	20.47	20.67	20.58	21.7
	64QAM	1	0	20.73	20.77	20.89	21.7
		1	7	20.55	20.75	20.48	21.7
		1	14	20.73	20.70	20.76	21.7
		8	0	19.61	19.74	19.62	20.7
		8	3	19.69	19.57	19.59	20.7
		8	7	19.74	19.64	19.61	20.7
		15	0	19.81	19.76	19.53	20.7
	256QAM	1	0	19.46	19.81	19.62	20.7
		1	7	19.41	19.57	19.42	20.7
		1	14	19.63	19.62	19.50	20.7
		8	0	18.55	18.42	18.46	19.7
		8	3	18.69	18.45	18.53	19.7
		8	7	18.65	18.50	18.44	19.7
		15	0	18.70	18.63	18.43	19.7

BW	MCS Index	Channel		23017	23095	23173	Max. Tune-up
		Frequence (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	22.29	22.42	22.41	23.7
		1	2	22.34	22.27	22.35	23.7
		1	5	22.58	22.46	22.48	23.7
		3	0	22.39	22.40	22.32	23.7
		3	1	22.32	22.30	22.36	23.7
		3	3	22.28	22.37	22.24	23.7
		6	0	21.80	21.70	21.53	22.7
	16QAM	1	0	21.81	21.98	21.89	22.7
		1	2	21.75	21.84	21.92	22.7
		1	5	21.74	21.96	21.78	22.7
		3	0	21.15	21.46	21.36	22.7
		3	1	21.30	21.57	21.40	22.7
		3	3	21.41	21.40	21.45	22.7
		6	0	20.56	20.61	20.65	21.7
	64QAM	1	0	20.62	20.75	20.80	21.7
		1	2	20.58	20.65	20.54	21.7
		1	5	20.81	20.69	20.70	21.7
		3	0	20.36	20.57	20.40	21.7
		3	1	20.41	20.32	20.31	21.7
		3	3	20.43	20.50	20.31	21.7
		6	0	19.76	19.79	19.50	20.7
	256QAM	1	0	19.30	19.53	19.52	20.7
		1	2	19.27	19.51	19.23	20.7
		1	5	19.45	19.60	19.27	20.7
		3	0	19.10	19.25	19.06	19.7
		3	1	19.28	19.10	19.07	19.7
		3	3	19.08	19.14	19.26	19.7
		6	0	18.38	18.51	18.16	19.7

LTE Band 66 Ant1 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequence (MHz)		1720	1745	1770	
20M	QPSK	1	0	19.83	19.87	19.99	21
		1	50	19.75	19.91	20.00	21
		1	99	19.89	**20.04**	20.01	21
		50	0	18.83	18.87	18.92	20
		50	25	18.84	18.86	18.76	20
		50	50	18.89	**19.05**	18.95	20
		100	0	18.91	**18.93**	18.80	20
	16QAM	1	0	19.70	19.80	19.97	21
		1	50	19.74	19.83	19.95	21
		1	99	19.78	20.00	19.94	21
		50	0	18.77	18.77	18.77	20
		50	25	18.77	18.78	18.68	20
		50	50	18.87	19.04	18.83	20
		100	0	18.82	18.86	18.65	20
	64QAM	1	0	19.58	19.67	19.86	21
		1	50	19.71	19.68	19.87	21
		1	99	19.69	19.85	19.88	21
		50	0	18.72	18.72	18.69	20
		50	25	18.75	18.76	18.53	20
		50	50	18.72	18.89	18.78	20
		100	0	18.71	18.85	18.64	20
	256QAM	1	0	17.29	17.51	17.56	18
		1	50	17.18	17.48	17.48	18
		1	99	17.40	17.45	17.61	18
		50	0	16.20	16.28	16.22	17
		50	25	16.14	16.35	16.44	17
		50	50	16.18	16.41	16.42	17
		100	0	16.26	16.23	16.28	17

BW	MCS Index	Channel		132047	132322	132597	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	19.75	19.77	19.88	21
		1	37	19.73	19.78	19.97	21
		1	74	19.81	19.89	20.00	21
		36	0	18.76	18.82	18.78	20
		36	19	18.73	18.80	18.63	20
		36	39	18.75	19.04	18.94	20
		75	0	18.81	18.92	18.75	20
	16QAM	1	0	19.57	19.68	19.84	21
		1	37	19.65	19.70	19.94	21
		1	74	19.72	19.87	19.91	21
		36	0	18.76	18.65	18.70	20
		36	19	18.73	18.77	18.55	20
		36	39	18.80	18.99	18.69	20
		75	0	18.76	18.74	18.64	20
	64QAM	1	0	19.56	19.54	19.81	21
		1	37	19.59	19.62	19.74	21
		1	74	19.60	19.78	19.74	21
		36	0	18.65	18.71	18.54	20
		36	19	18.66	18.62	18.38	20
		36	39	18.70	18.87	18.72	20
		75	0	18.63	18.80	18.53	20
	256QAM	1	0	17.14	17.40	17.52	18
		1	37	17.04	17.47	17.34	18
		1	74	17.29	17.42	17.51	18
		36	0	16.10	16.16	16.15	17
		36	19	16.13	16.30	16.31	17
		36	39	16.14	16.26	16.39	17
		75	0	16.12	16.11	16.16	17

BW	MCS Index	Channel		132022	132322	132622	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	QPSK	1	0	19.72	19.84	19.92	21
		1	24	19.65	19.81	19.94	21
		1	49	19.87	19.89	19.91	21
		25	0	18.68	18.81	18.79	20
		25	12	18.81	18.81	18.68	20
		25	25	18.74	19.01	18.91	20
		50	0	18.81	18.92	18.67	20
	16QAM	1	0	19.63	19.68	19.90	21
		1	24	19.66	19.78	19.82	21
		1	49	19.76	19.97	19.86	21
		25	0	18.64	18.67	18.65	20
		25	12	18.66	18.77	18.55	20
		25	25	18.72	19.02	18.68	20
		50	0	18.79	18.72	18.56	20
	64QAM	1	0	19.48	19.65	19.83	21
		1	24	19.60	19.65	19.85	21
		1	49	19.57	19.81	19.74	21
		25	0	18.71	18.57	18.58	20
		25	12	18.63	18.74	18.42	20
		25	25	18.58	18.85	18.66	20
		50	0	18.66	18.70	18.53	20
	256QAM	1	0	17.15	17.40	17.53	18
		1	24	17.15	17.38	17.46	18
		1	49	17.35	17.33	17.58	18
		25	0	16.09	16.26	16.16	17
		25	12	16.13	16.27	16.31	17
		25	25	16.11	16.35	16.27	17
		50	0	16.12	16.14	16.16	17

BW	MCS Index	Channel		131997	132322	132647	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	19.75	19.72	19.90	21
		1	12	19.71	19.83	19.97	21
		1	24	19.75	19.90	19.93	21
		12	0	18.81	18.80	18.86	20
		12	6	18.79	18.81	18.66	20
		12	13	18.75	19.02	18.85	20
		25	0	18.76	18.82	18.72	20
	16QAM	1	0	19.62	19.73	19.90	21
		1	12	19.65	19.70	19.82	21
		1	24	19.68	19.91	19.85	21
		12	0	18.65	18.69	18.76	20
		12	6	18.64	18.70	18.55	20
		12	13	18.76	19.01	18.82	20
		25	0	18.76	18.81	18.64	20
	64QAM	1	0	19.47	19.58	19.76	21
		1	12	19.60	19.60	19.86	21
		1	24	19.65	19.82	19.83	21
		12	0	18.65	18.64	18.54	20
		12	6	18.68	18.70	18.46	20
		12	13	18.59	18.75	18.65	20
		25	0	18.70	18.72	18.59	20
	256QAM	1	0	17.19	17.50	17.43	18
		1	12	17.08	17.33	17.46	18
		1	24	17.36	17.38	17.49	18
		12	0	16.15	16.22	16.13	17
		12	6	16.06	16.29	16.37	17
		12	13	16.07	16.29	16.37	17
		25	0	16.24	16.21	16.23	17

BW	MCS Index	Channel		131987	132322	132657	Max. Tune-up
		Frequence (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	19.71	19.79	19.93	21
		1	7	19.74	19.80	19.88	21
		1	14	19.80	20.00	19.90	21
		8	0	18.76	18.74	18.87	20
		8	3	18.75	18.81	18.63	20
		8	7	18.77	19.00	18.87	20
		15	0	18.79	18.87	18.75	20
	16QAM	1	0	19.55	19.66	19.88	21
		1	7	19.60	19.76	19.87	21
		1	14	19.73	19.87	19.81	21
		8	0	18.69	18.67	18.64	20
		8	3	18.75	18.64	18.54	20
		8	7	18.84	18.89	18.71	20
		15	0	18.70	18.83	18.61	20
	64QAM	1	0	19.55	19.66	19.78	21
		1	7	19.56	19.66	19.77	21
		1	14	19.66	19.75	19.78	21
		8	0	18.62	18.61	18.66	20
		8	3	18.69	18.66	18.51	20
		8	7	18.62	18.75	18.72	20
		15	0	18.57	18.76	18.56	20
	256QAM	1	0	17.15	17.41	17.55	18
		1	7	17.16	17.37	17.36	18
		1	14	17.35	17.42	17.52	18
		8	0	16.14	16.19	16.10	17
		8	3	16.01	16.31	16.34	17
		8	7	16.14	16.37	16.30	17
		15	0	16.15	16.14	16.22	17

BW	MCS Index	Channel		131979	132322	132665	Max. Tune-up
		Frequence (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	19.98	20.07	20.11	21
		1	2	20.16	20.27	20.05	21
		1	5	19.92	20.12	20.00	21
		3	0	20.01	20.02	19.99	21
		3	1	20.04	20.12	20.02	21
		3	3	20.16	20.30	20.13	21
		6	0	20.05	20.17	20.08	21
	16QAM	1	0	20.25	20.37	20.35	21
		1	2	20.10	20.25	20.11	21
		1	5	20.10	20.14	20.11	21
		3	0	20.20	20.25	20.12	21
		3	1	20.23	20.29	20.27	21
		3	3	20.05	20.21	19.99	21
		6	0	20.01	20.02	19.97	21
	64QAM	1	0	20.20	20.29	20.22	21
		1	2	20.13	20.28	20.13	21
		1	5	20.09	20.15	19.95	21
		3	0	20.09	20.12	20.06	21
		3	1	20.03	20.12	20.08	21
		3	3	20.04	20.09	20.08	21
		6	0	19.21	19.28	19.21	20
	256QAM	1	0	17.47	17.66	17.51	18
		1	2	17.43	17.50	17.40	18
		1	5	17.36	17.53	17.37	18
		3	0	17.36	17.36	17.21	18
		3	1	17.53	17.47	17.46	18
		3	3	17.42	17.54	17.39	18
		6	0	17.10	17.22	17.13	18

LTE Band 66 Ant2 Full

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequence (MHz)		1720	1745	1770	
20M	QPSK	1	0	22.34	22.49	22.43	23.7
		1	50	22.32	22.35	22.41	23.7
		1	99	22.36	**22.51**	22.47	23.7
		50	0	21.20	21.37	21.39	22.7
		50	25	21.32	21.30	21.30	22.7
		50	50	21.39	21.57	21.45	22.7
		100	0	21.34	21.41	21.36	22.7
	16QAM	1	0	21.64	21.59	21.66	22.7
		1	50	21.64	21.73	21.73	22.7
		1	99	21.54	21.70	21.67	22.7
		50	0	20.16	20.39	20.39	21.7
		50	25	20.37	20.53	20.67	21.7
		50	50	20.39	20.55	20.66	21.7
		100	0	20.38	20.56	20.60	21.7
	64QAM	1	0	20.42	20.70	20.75	21.7
		1	50	20.49	20.63	20.70	21.7
		1	99	20.57	20.70	20.73	21.7
		50	0	19.39	19.57	19.54	20.7
		50	25	19.42	19.61	19.55	20.7
		50	50	19.35	19.55	19.72	20.7
		100	0	19.48	19.64	19.48	20.7
	256QAM	1	0	19.41	19.67	19.63	20.7
		1	50	19.36	19.50	19.58	20.7
		1	99	19.57	19.61	19.68	20.7
		50	0	18.27	18.50	18.49	19.7
		50	25	18.24	18.54	18.57	19.7
		50	50	18.37	18.45	18.56	19.7
		100	0	18.39	18.44	18.39	19.7

BW	MCS Index	Channel		132047	132322	132597	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	22.30	22.40	22.29	23.7
		1	37	22.18	22.27	22.28	23.7
		1	74	22.28	22.42	22.44	23.7
		36	0	21.09	21.24	21.25	22.7
		36	19	21.19	21.29	21.28	22.7
		36	39	21.33	21.55	21.43	22.7
		75	0	21.32	21.40	21.26	22.7
	16QAM	1	0	21.63	21.47	21.55	22.7
		1	37	21.61	21.61	21.70	22.7
		1	74	21.48	21.68	21.63	22.7
		36	0	20.05	20.38	20.32	21.7
		36	19	20.35	20.43	20.65	21.7
		36	39	20.29	20.47	20.63	21.7
		75	0	20.29	20.50	20.50	21.7
	64QAM	1	0	20.29	20.58	20.60	21.7
		1	37	20.36	20.59	20.69	21.7
		1	74	20.53	20.68	20.64	21.7
		36	0	19.30	19.44	19.41	20.7
		36	19	19.37	19.47	19.52	20.7
		36	39	19.29	19.44	19.65	20.7
		75	0	19.38	19.60	19.36	20.7
	256QAM	1	0	19.35	19.57	19.56	20.7
		1	37	19.34	19.36	19.48	20.7
		1	74	19.53	19.51	19.58	20.7
		36	0	18.22	18.45	18.37	19.7
		36	19	18.13	18.40	18.49	19.7
		36	39	18.26	18.37	18.55	19.7
		75	0	18.31	18.30	18.36	19.7

BW	MCS Index	Channel		132022	132322	132622	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	QPSK	1	0	22.27	22.46	22.30	23.7
		1	24	22.19	22.23	22.31	23.7
		1	49	22.22	22.49	22.33	23.7
		25	0	21.14	21.27	21.28	22.7
		25	12	21.30	21.18	21.15	22.7
		25	25	21.37	21.54	21.33	22.7
		50	0	21.26	21.26	21.27	22.7
	16QAM	1	0	21.63	21.49	21.64	22.7
		1	24	21.56	21.72	21.65	22.7
		1	49	21.39	21.66	21.65	22.7
		25	0	20.01	20.26	20.34	21.7
		25	12	20.27	20.45	20.62	21.7
		25	25	20.26	20.45	20.60	21.7
		50	0	20.26	20.50	20.48	21.7
	64QAM	1	0	20.39	20.62	20.71	21.7
		1	24	20.44	20.53	20.63	21.7
		1	49	20.56	20.55	20.72	21.7
		25	0	19.35	19.53	19.39	20.7
		25	12	19.39	19.56	19.50	20.7
		25	25	19.24	19.54	19.71	20.7
		50	0	19.41	19.55	19.38	20.7
	256QAM	1	0	19.38	19.59	19.62	20.7
		1	24	19.35	19.36	19.51	20.7
		1	49	19.45	19.60	19.53	20.7
		25	0	18.21	18.35	18.41	19.7
		25	12	18.23	18.44	18.51	19.7
		25	25	18.29	18.35	18.45	19.7
		50	0	18.25	18.29	18.27	19.7

BW	MCS Index	Channel		131997	132322	132647	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	22.28	22.34	22.29	23.7
		1	12	22.28	22.31	22.35	23.7
		1	24	22.34	22.46	22.39	23.7
		12	0	21.14	21.33	21.29	22.7
		12	6	21.22	21.24	21.22	22.7
		12	13	21.27	21.50	21.40	22.7
		25	0	21.26	21.33	21.27	22.7
	16QAM	1	0	21.56	21.45	21.61	22.7
		1	12	21.55	21.58	21.64	22.7
		1	24	21.39	21.64	21.62	22.7
		12	0	20.05	20.34	20.26	21.7
		12	6	20.22	20.48	20.65	21.7
		12	13	20.25	20.41	20.55	21.7
		25	0	20.30	20.47	20.59	21.7
	64QAM	1	0	20.39	20.55	20.73	21.7
		1	12	20.43	20.53	20.62	21.7
		1	24	20.44	20.67	20.61	21.7
		12	0	19.32	19.46	19.41	20.7
		12	6	19.29	19.58	19.51	20.7
		12	13	19.31	19.44	19.66	20.7
		25	0	19.46	19.56	19.40	20.7
	256QAM	1	0	19.39	19.57	19.59	20.7
		1	12	19.33	19.41	19.47	20.7
		1	24	19.46	19.60	19.53	20.7
		12	0	18.17	18.45	18.42	19.7
		12	6	18.17	18.40	18.55	19.7
		12	13	18.24	18.41	18.52	19.7
		25	0	18.29	18.37	18.27	19.7

BW	MCS Index	Channel		131987	132322	132657	Max. Tune-up
		Frequence (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	22.29	22.44	22.36	23.7
		1	7	22.23	22.25	22.39	23.7
		1	14	22.23	22.45	22.42	23.7
		8	0	21.06	21.33	21.35	22.7
		8	3	21.30	21.19	21.16	22.7
		8	7	21.33	21.48	21.44	22.7
		15	0	21.24	21.32	21.35	22.7
	16QAM	1	0	21.60	21.55	21.52	22.7
		1	7	21.62	21.72	21.68	22.7
		1	14	21.48	21.66	21.62	22.7
		8	0	20.02	20.35	20.26	21.7
		8	3	20.24	20.48	20.55	21.7
		8	7	20.27	20.51	20.52	21.7
		15	0	20.30	20.45	20.59	21.7
	64QAM	1	0	20.36	20.60	20.68	21.7
		1	7	20.45	20.50	20.56	21.7
		1	14	20.54	20.57	20.71	21.7
		8	0	19.24	19.44	19.52	20.7
		8	3	19.34	19.49	19.52	20.7
		8	7	19.23	19.51	19.58	20.7
		15	0	19.38	19.56	19.39	20.7
	256QAM	1	0	19.37	19.59	19.61	20.7
		1	7	19.25	19.45	19.56	20.7
		1	14	19.49	19.49	19.62	20.7
		8	0	18.13	18.37	18.36	19.7
		8	3	18.18	18.46	18.56	19.7
		8	7	18.29	18.33	18.46	19.7
		15	0	18.25	18.39	18.27	19.7

BW	MCS Index	Channel		131979	132322	132665	Max. Tune-up
		Frequence (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	22.33	22.46	22.41	23.7
		1	2	22.24	22.20	22.34	23.7
		1	5	22.26	22.42	22.45	23.7
		3	0	21.97	22.07	22.18	23.7
		3	1	22.03	22.03	22.04	23.7
		3	3	22.10	22.31	22.21	23.7
		6	0	21.27	21.34	21.23	22.7
	16QAM	1	0	21.52	21.53	21.64	22.7
		1	2	21.56	21.60	21.58	22.7
		1	5	21.43	21.67	21.59	22.7
		3	0	20.93	21.04	21.04	22.7
		3	1	21.06	21.27	21.39	22.7
		3	3	21.07	21.30	21.39	22.7
		6	0	20.23	20.46	20.50	21.7
	64QAM	1	0	20.32	20.59	20.65	21.7
		1	2	20.45	20.58	20.67	21.7
		1	5	20.50	20.64	20.59	21.7
		3	0	20.08	20.23	20.23	21.7
		3	1	20.12	20.28	20.23	21.7
		3	3	20.05	20.24	20.45	21.7
		6	0	19.40	19.50	19.46	20.7
	256QAM	1	0	19.18	19.34	19.38	20.7
		1	2	19.07	19.27	19.30	20.7
		1	5	19.30	19.38	19.45	20.7
		3	0	19.09	19.21	19.31	20.7
		3	1	19.01	19.12	19.28	20.7
		3	3	19.16	19.34	19.35	20.7
		6	0	18.16	18.17	18.09	19.7

LTE Band 2 Ant0 Reduce DSI1							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	21.43	21.41	21.48	22
		1	50	21.47	21.53	21.55	22
		1	99	**21.57**	21.55	21.56	22
		50	0	20.59	20.63	20.50	21
		50	25	20.57	20.61	20.50	21
		50	50	**20.69**	20.65	20.55	21
		100	0	**20.65**	20.62	20.61	21
	16QAM	1	0	21.34	21.33	21.46	22
		1	50	21.38	21.43	21.53	22
		1	99	21.46	21.39	21.47	22
		50	0	20.51	20.57	20.40	21
		50	25	20.49	20.60	20.46	21
		50	50	20.64	20.47	20.49	21
		100	0	20.53	20.47	20.50	21
	64QAM	1	0	21.20	21.31	21.43	22
		1	50	21.28	21.28	21.50	22
		1	99	21.36	21.37	21.43	22
		50	0	20.50	20.42	20.37	21
		50	25	20.35	20.49	20.44	21
		50	50	20.61	20.46	20.40	21
		100	0	20.44	20.46	20.41	21
	256QAM	1	0	18.12	18.13	17.75	19
		1	50	18.21	18.22	17.88	19
		1	99	18.09	18.16	17.86	19
		50	0	17.02	17.13	16.89	18
		50	25	17.02	17.00	16.87	18
		50	50	17.20	17.20	17.15	18
		100	0	17.17	17.02	17.09	18
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	21.41	21.37	21.39	22
		1	37	21.35	21.42	21.53	22
		1	74	21.56	21.40	21.41	22
		36	0	20.57	20.62	20.42	21
		36	19	20.47	20.56	20.45	21
		36	39	20.64	20.54	20.48	21
		75	0	20.52	20.47	20.56	21
	16QAM	1	0	21.29	21.26	21.45	22
		1	37	21.26	21.34	21.39	22
		1	74	21.38	21.36	21.40	22
		36	0	20.41	20.47	20.33	21
		36	19	20.39	20.46	20.42	21
		36	39	20.53	20.45	20.40	21
		75	0	20.40	20.46	20.37	21
	64QAM	1	0	21.08	21.16	21.31	22
		1	37	21.19	21.24	21.35	22
		1	74	21.27	21.24	21.32	22
		36	0	20.42	20.31	20.26	21
		36	19	20.27	20.46	20.35	21
		36	39	20.56	20.31	20.34	21
		75	0	20.37	20.32	20.29	21
	256QAM	1	0	18.06	18.10	17.74	19
		1	37	18.06	18.17	17.92	19
		1	74	18.08	18.15	17.76	19
		36	0	16.93	17.03	16.77	18
		36	19	17.01	16.91	16.78	18
		36	39	17.16	17.19	17.04	18
		75	0	17.07	16.87	17.04	18
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	21.40	21.39	21.39	22
		1	24	21.41	21.45	21.41	22
		1	49	21.49	21.45	21.45	22
		25	0	20.58	20.48	20.35	21
		25	12	20.53	20.60	20.36	21
		25	25	20.59	20.58	20.41	21
		50	0	20.62	20.60	20.53	21
	16QAM	1	0	21.19	21.24	21.40	22
		1	24	21.33	21.38	21.52	22
		1	49	21.45	21.29	21.45	22
		25	0	20.43	20.44	20.26	21
		25	12	20.46	20.52	20.43	21
		25	25	20.62	20.37	20.43	21
		50	0	20.47	20.35	20.48	21
	64QAM	1	0	21.19	21.16	21.41	22
		1	24	21.17	21.23	21.43	22
		1	49	21.29	21.30	21.35	22
		25	0	20.35	20.30	20.27	21
		25	12	20.23	20.36	20.34	21
		25	25	20.50	20.43	20.25	21
		50	0	20.31	20.34	20.36	21
	256QAM	1	0	18.10	18.11	17.63	19
		1	24	18.14	18.08	17.96	19
		1	49	17.96	18.05	17.80	19
		25	0	16.99	17.07	16.76	18
		25	12	16.96	16.96	16.84	18
		25	25	17.06	17.09	17.06	18
		50	0	17.07	16.98	17.01	18
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	21.39	21.39	21.36	22
		1	12	21.32	21.52	21.53	22
		1	24	21.54	21.42	21.50	22
		12	0	20.44	20.54	20.42	21
		12	6	20.45	20.56	20.45	21
		12	13	20.62	20.55	20.53	21
		25	0	20.52	20.52	20.51	21
	16QAM	1	0	21.20	21.27	21.40	22
		1	12	21.26	21.32	21.44	22
		1	24	21.31	21.25	21.46	22
		12	0	20.36	20.49	20.27	21
		12	6	20.47	20.49	20.41	21
		12	13	20.53	20.36	20.43	21
		25	0	20.49	20.43	20.35	21
	64QAM	1	0	21.11	21.39	21.28	22
		1	12	21.21	21.21	21.37	22
		1	24	21.21	21.32	21.28	22
		12	0	20.46	20.32	20.29	21
		12	6	20.27	20.47	20.42	21
		12	13	20.46	20.43	20.38	21
		25	0	20.41	20.43	20.34	21
	256QAM	1	0	18.02	18.06	17.65	19
		1	12	18.13	18.17	17.84	19
		1	24	17.98	18.09	17.79	19
		12	0	16.90	17.09	16.80	18
		12	6	17.00	16.95	16.80	18
		12	13	17.09	17.08	17.05	18
		25	0	17.16	16.88	17.01	18
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	21.42	21.37	21.44	22
		1	7	21.43	21.45	21.53	22
		1	14	21.53	21.45	21.44	22
		8	0	20.53	20.62	20.48	21
		8	3	20.43	20.47	20.35	21
		8	7	20.60	20.51	20.52	21
		15	0	20.51	20.53	20.46	21
	16QAM	1	0	21.28	21.23	21.31	22
		1	7	21.23	21.33	21.43	22
		1	14	21.43	21.32	21.40	22
		8	0	20.49	20.45	20.29	21
		8	3	20.35	20.59	20.44	21
		8	7	20.58	20.37	20.48	21
		15	0	20.45	20.40	20.46	21
	64QAM	1	0	21.19	21.23	21.32	22
		1	7	21.17	21.20	21.36	22
		1	14	21.31	21.23	21.35	22
		8	0	20.43	20.27	20.30	21
		8	3	20.20	20.46	20.39	21
		8	7	20.48	20.37	20.29	21
		15	0	20.32	20.37	20.33	21
	256QAM	1	0	18.02	17.99	17.67	19
		1	7	18.11	18.20	17.83	19
		1	14	18.02	18.15	17.84	19
		8	0	16.91	16.98	16.76	18
		8	3	16.90	16.87	16.74	18
		8	7	17.09	17.17	17.07	18
		15	0	17.06	16.87	16.99	18
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	21.56	21.63	21.50	22
		1	2	21.67	21.71	21.60	22
		1	5	21.41	21.54	21.48	22
		3	0	21.49	21.62	21.57	22
		3	1	21.50	21.64	21.61	22
		3	3	21.58	21.61	21.48	22
		6	0	20.59	20.74	20.70	21
	16QAM	1	0	20.93	21.04	20.90	21
		1	2	20.96	21.02	20.89	21
		1	5	20.69	20.81	20.70	21
		3	0	20.70	20.79	20.71	21
		3	1	20.82	20.85	20.78	21
		3	3	20.65	20.77	20.74	21
		6	0	19.65	19.74	19.68	21
	64QAM	1	0	20.01	20.07	19.99	21
		1	2	19.78	19.89	19.84	21
		1	5	19.77	19.82	19.67	21
		3	0	19.65	19.75	19.66	21
		3	1	19.74	19.80	19.74	21
		3	3	19.65	19.77	19.75	21
		6	0	18.61	18.75	18.66	19
	256QAM	1	0	17.33	17.37	17.35	19
		1	2	17.35	17.46	17.36	19
		1	5	17.19	17.23	17.19	19
		3	0	17.31	17.42	17.40	19
		3	1	17.21	17.29	17.18	19
		3	3	17.23	17.38	17.31	19
		6	0	17.00	17.01	16.88	18

LTE Band 2 Ant2 Reduce DSI1							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	18.25	18.41	18.31	19
		1	50	18.40	18.35	18.33	19
		1	99	**18.51**	18.46	18.45	19
		50	0	17.57	17.42	17.39	18
		50	25	17.50	17.48	17.34	18
		50	50	17.61	17.60	17.47	18
		100	0	17.59	17.57	17.45	18
	16QAM	1	0	18.11	18.37	18.20	19
		1	50	18.29	18.28	18.28	19
		1	99	18.47	18.45	18.35	19
		50	0	17.47	17.41	17.26	18
		50	25	17.46	17.38	17.21	18
		50	50	17.51	17.49	17.44	18
		100	0	17.47	17.44	17.30	18
	64QAM	1	0	18.02	18.23	18.16	19
		1	50	18.16	18.13	18.23	19
		1	99	18.35	18.44	18.21	19
		50	0	17.33	17.28	17.24	18
		50	25	17.32	17.37	17.17	18
		50	50	17.47	17.43	17.39	18
		100	0	17.41	17.39	17.17	18
	256QAM	1	0	17.88	17.98	18.04	19
		1	50	18.07	18.01	18.22	19
		1	99	18.24	18.39	18.11	19
		50	0	17.22	17.27	17.17	18
		50	25	17.28	17.28	17.05	18
		50	50	17.40	17.40	17.24	18
		100	0	17.27	17.30	17.05	18
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	18.19	18.31	18.19	19
		1	37	18.29	18.31	18.20	19
		1	74	18.40	18.36	18.36	19
		36	0	17.51	17.31	17.29	18
		36	19	17.39	17.38	17.19	18
		36	39	17.49	17.58	17.36	18
		75	0	17.46	17.53	17.38	18
	16QAM	1	0	17.97	18.23	18.19	19
		1	37	18.18	18.19	18.13	19
		1	74	18.46	18.34	18.34	19
		36	0	17.35	17.26	17.14	18
		36	19	17.31	17.32	17.20	18
		36	39	17.48	17.48	17.43	18
		75	0	17.33	17.32	17.21	18
	64QAM	1	0	17.90	18.11	18.01	19
		1	37	18.15	18.04	18.22	19
		1	74	18.30	18.34	18.16	19
		36	0	17.19	17.13	17.15	18
		36	19	17.18	17.22	17.15	18
		36	39	17.41	17.31	17.24	18
		75	0	17.37	17.29	17.13	18
	256QAM	1	0	17.76	18.03	18.03	19
		1	37	17.98	17.86	18.18	19
		1	74	18.17	18.26	18.01	19
		36	0	17.16	17.21	17.06	18
		36	19	17.27	17.13	17.02	18
		36	39	17.38	17.27	17.17	18
		75	0	17.12	17.17	17.01	18
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	18.15	18.28	18.25	19
		1	24	18.27	18.20	18.26	19
		1	49	18.39	18.33	18.31	19
		25	0	17.44	17.40	17.32	18
		25	12	17.35	17.33	17.29	18
		25	25	17.58	17.55	17.43	18
		50	0	17.58	17.42	17.31	18
	16QAM	1	0	18.08	18.33	18.05	19
		1	24	18.21	18.18	18.16	19
		1	49	18.38	18.32	18.20	19
		25	0	17.34	17.33	17.15	18
		25	12	17.35	17.28	17.18	18
		25	25	17.40	17.42	17.33	18
		50	0	17.33	17.43	17.22	18
	64QAM	1	0	17.99	18.20	18.06	19
		1	24	18.15	18.07	18.22	19
		1	49	18.20	18.42	18.12	19
		25	0	17.30	17.26	17.18	18
		25	12	17.31	17.27	17.11	18
		25	25	17.37	17.34	17.35	18
		50	0	17.33	17.28	17.14	18
	256QAM	1	0	17.76	18.06	17.91	19
		1	24	18.02	17.90	18.11	19
		1	49	18.21	18.31	18.02	19
		25	0	17.12	17.26	17.16	18
		25	12	17.17	17.27	17.01	18
		25	25	17.28	17.33	17.17	18
		50	0	17.25	17.27	16.91	18
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	18.21	18.28	18.19	19
		1	12	18.28	18.26	18.30	19
		1	24	18.49	18.38	18.43	19
		12	0	17.51	17.32	17.36	18
		12	6	17.48	17.36	17.25	18
		12	13	17.48	17.53	17.42	18
		25	0	17.54	17.45	17.36	18
	16QAM	1	0	18.00	18.35	18.06	19
		1	12	18.21	18.12	18.26	19
		1	24	18.39	18.31	18.27	19
		12	0	17.39	17.34	17.23	18
		12	6	17.32	17.31	17.15	18
		12	13	17.41	17.35	17.33	18
		25	0	17.32	17.35	17.22	18
	64QAM	1	0	17.88	18.16	18.04	19
		1	12	18.15	18.03	18.10	19
		1	24	18.29	18.43	18.15	19
		12	0	17.29	17.20	17.09	18
		12	6	17.21	17.29	17.08	18
		12	13	17.32	17.38	17.33	18
		25	0	17.40	17.28	17.04	18
	256QAM	1	0	17.80	18.18	17.93	19
		1	12	18.06	17.92	18.12	19
		1	24	18.20	18.26	18.10	19
		12	0	17.21	17.12	17.02	18
		12	6	17.15	17.26	16.91	18
		12	13	17.30	17.32	17.09	18
		25	0	17.19	17.17	16.98	18
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	18.10	18.36	18.19	19
		1	7	18.38	18.25	18.26	19
		1	14	18.41	18.40	18.39	19
		8	0	17.49	17.27	17.25	18
		8	3	17.35	17.35	17.33	18
		8	7	17.58	17.57	17.43	18
		15	0	17.52	17.49	17.32	18
	16QAM	1	0	18.04	18.25	18.12	19
		1	7	18.19	18.22	18.23	19
		1	14	18.33	18.33	18.30	19
		8	0	17.45	17.26	17.24	18
		8	3	17.33	17.29	17.20	18
		8	7	17.46	17.45	17.34	18
		15	0	17.36	17.43	17.28	18
	64QAM	1	0	17.98	18.22	18.14	19
		1	7	18.11	18.02	18.11	19
		1	14	18.22	18.36	18.07	19
		8	0	17.18	17.25	17.18	18
		8	3	17.29	17.35	17.10	18
		8	7	17.45	17.41	17.29	18
		15	0	17.35	17.28	17.16	18
	256QAM	1	0	17.86	18.11	17.97	19
		1	7	17.92	17.86	18.07	19
		1	14	18.21	18.25	18.09	19
		8	0	17.18	17.12	17.09	18
		8	3	17.27	17.18	16.91	18
		8	7	17.29	17.26	17.19	18
		15	0	17.24	17.16	16.93	18
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	18.24	18.31	18.27	19
		1	2	18.29	18.25	18.20	19
		1	5	18.40	18.42	18.33	19
		3	0	18.05	18.31	18.15	19
		3	1	18.16	18.11	18.27	19
		3	3	18.41	18.42	18.30	19
		6	0	18.10	18.22	18.14	19
	16QAM	1	0	18.22	18.18	18.10	19
		1	2	18.37	18.28	18.31	19
		1	5	18.01	18.27	18.11	19
		3	0	18.09	18.10	18.16	19
		3	1	18.27	18.36	18.15	19
		3	3	18.23	18.30	18.22	19
		6	0	18.17	18.11	18.10	19
	64QAM	1	0	18.39	18.40	18.19	19
		1	2	18.03	18.21	18.00	19
		1	5	18.14	17.98	18.21	19
		3	0	18.29	18.29	18.26	19
		3	1	18.10	18.29	18.12	19
		3	3	18.24	18.15	18.09	19
		6	0	17.24	17.19	17.09	18
	256QAM	1	0	17.26	17.27	17.22	18
		1	2	17.44	17.29	17.19	18
		1	5	17.39	17.32	17.18	18
		3	0	17.30	17.09	16.88	18
		3	1	17.31	17.12	16.83	18
		3	3	17.32	17.28	17.01	18
		6	0	17.17	17.09	16.98	18

LTE Band 48 for FCC SAR Ant5 Reduce DSI1								
BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55530	56100	56640	
		Frequency (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	19.46	19.61	19.54	**20.02**	21
		1	50	19.09	19.43	19.38	19.89	21
		1	99	19.44	19.57	19.19	19.87	21
		50	0	18.97	19.09	18.14	19.13	20
		50	25	19.10	19.19	18.62	**19.23**	20
		50	50	18.85	19.09	18.31	19.08	20
		100	0	18.84	19.14	18.17	**19.24**	20
	16QAM	1	0	19.33	19.59	19.43	19.97	21
		1	50	19.22	19.39	19.30	19.77	21
		1	99	19.36	19.46	19.24	19.81	21
		50	0	18.86	18.98	18.22	19.02	20
		50	25	19.06	19.17	18.61	19.17	20
		50	50	18.76	18.95	18.28	18.93	20
		100	0	18.83	19.13	18.25	19.12	20
	64QAM	1	0	19.30	19.50	19.40	19.88	21
		1	50	19.28	19.26	19.22	19.71	21
		1	99	19.34	19.34	19.20	19.70	21
		50	0	18.71	18.94	18.28	18.90	20
		50	25	18.94	19.05	18.60	19.16	20
		50	50	18.74	18.89	18.26	18.81	20
		100	0	18.73	18.98	18.21	19.07	20
	256QAM	1	0	18.40	18.54	17.43	17.75	19
		1	50	18.45	18.83	17.53	17.71	19
		1	99	18.29	18.79	17.38	17.80	19
		50	0	17.81	17.77	17.56	17.60	18
		50	25	17.65	17.79	17.19	17.22	18
		50	50	17.57	17.64	17.08	17.14	18
		100	0	17.64	17.62	17.62	16.66	18
BW	MCS Index	Channel		55310	55520	56100	56660	Max. Tune-up
		Frequency (MHz)		3557.5	3606	3642	3692.5	
15M	QPSK	1	0	19.44	19.47	19.44	19.94	21
		1	37	19.07	19.38	19.32	19.81	21
		1	74	19.39	19.48	19.13	19.82	21
		36	0	18.90	19.08	18.10	19.11	20
		36	19	19.08	19.08	18.52	19.08	20
		36	39	18.83	18.94	18.24	19.04	20
		75	0	18.77	19.13	18.16	19.21	20
	16QAM	1	0	19.32	19.44	19.35	19.91	21
		1	37	19.17	19.38	19.22	19.66	21
		1	74	19.21	19.44	19.10	19.76	21
		36	0	18.77	18.88	18.19	18.96	20
		36	19	18.95	19.04	18.47	19.14	20
		36	39	18.63	18.82	18.15	18.88	20
		75	0	18.79	19.07	18.12	19.09	20
	64QAM	1	0	19.28	19.39	19.25	19.73	21
		1	37	19.13	19.22	19.20	19.68	21
		1	74	19.23	19.28	19.16	19.66	21
		36	0	18.58	18.89	18.20	18.77	20
		36	19	18.84	18.99	18.45	19.10	20
		36	39	18.72	18.86	18.25	18.80	20
		75	0	18.70	18.87	18.17	19.01	20
	256QAM	1	0	18.35	18.46	17.42	17.60	19
		1	37	18.41	18.80	17.51	17.58	19
		1	74	18.15	18.77	17.28	17.76	19
		36	0	17.71	17.74	17.43	17.45	18
		36	19	17.82	17.77	17.15	17.18	18
		36	39	17.50	17.54	17.06	17.13	18
		75	0	17.50	17.61	17.47	16.56	18
BW	MCS Index	Channel		55290	55515	56100	56690	Max. Tune-up
		Frequency (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	19.41	19.57	19.50	19.98	21
		1	24	18.95	19.34	19.31	19.83	21
		1	49	19.33	19.44	19.11	19.76	21
		25	0	18.85	19.00	18.08	19.02	20
		25	12	19.01	19.18	18.50	19.21	20
		25	25	18.73	19.05	18.28	18.95	20
		50	0	18.78	19.01	18.15	19.14	20
	16QAM	1	0	19.21	19.57	19.38	19.84	21
		1	24	19.16	19.33	19.28	19.84	21
		1	49	19.33	19.32	19.15	19.78	21
		25	0	18.82	18.92	18.18	18.90	20
		25	12	18.99	19.02	18.57	19.02	20
		25	25	18.61	18.91	18.23	18.92	20
		50	0	18.82	19.12	18.18	18.98	20
	64QAM	1	0	19.26	19.40	19.36	19.75	21
		1	24	19.22	19.24	19.16	19.57	21
		1	49	19.33	19.29	19.07	19.60	21
		25	0	18.69	18.86	18.25	18.83	20
		25	12	18.81	18.90	18.59	19.15	20
		25	25	18.63	18.77	18.11	18.68	20
		50	0	18.72	18.95	18.15	18.95	20
	256QAM	1	0	18.25	18.40	17.34	17.62	19
		1	24	18.32	18.70	17.45	17.69	19
		1	49	18.28	18.64	17.24	17.79	19
		25	0	17.80	17.64	17.48	17.50	18
		25	12	17.59	17.73	17.07	17.16	18
		25	25	17.51	17.52	17.06	17.00	18
		50	0	17.54	17.60	17.56	16.58	18
BW	MCS Index	Channel		55265	55510	56170	56715	Max. Tune-up
		Frequency (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	19.44	19.59	19.53	19.93	21
		1	12	18.99	19.39	19.34	19.80	21
		1	24	19.39	19.56	19.15	19.76	21
		12	0	18.94	19.04	18.05	18.98	20
		12	6	18.97	19.14	18.57	19.16	20
		12	13	18.75	18.96	18.23	19.02	20
		25	0	18.79	19.04	18.03	19.12	20
	16QAM	1	0	19.31	19.52	19.34	19.84	21
		1	12	19.08	19.24	19.29	19.82	21
		1	24	19.29	19.39	19.16	19.73	21
		12	0	18.81	18.93	18.20	18.98	20
		12	6	18.95	19.13	18.58	19.04	20
		12	13	18.65	18.85	18.26	18.80	20
		25	0	18.81	19.09	18.11	19.07	20
	64QAM	1	0	19.18	19.42	19.35	19.75	21
		1	12	19.17	19.14	19.07	19.62	21
		1	24	19.25	19.24	19.12	19.57	21
		12	0	18.64	18.93	18.18	18.89	20
		12	6	18.88	18.93	18.51	19.11	20
		12	13	18.69	18.78	18.11	18.80	20
		25	0	18.66	18.89	18.15	19.00	20
	256QAM	1	0	18.26	18.51	17.38	17.73	19
		1	12	18.35	18.70	17.43	17.59	19
		1	24	18.18	18.78	17.37	17.66	19
		12	0	17.76	17.74	17.51	17.46	18
		12	6	17.51	17.68	17.07	17.19	18
		12	13	17.45	17.55	17.06	17.03	18
		25	0	17.49	17.59	17.49	16.54	18

LTE Band 66 Ant2 Reduce DSI1							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	20.69	20.82	20.79	22
		1	50	20.80	20.76	20.71	22
		1	99	20.91	**21.05**	20.93	22
		50	0	19.58	19.71	19.74	21
		50	25	19.60	19.66	19.60	21
		50	50	19.71	19.85	19.78	21
		100	0	19.70	19.74	19.73	21
	16QAM	1	0	20.65	20.70	20.70	22
		1	50	20.65	20.68	20.58	22
		1	99	20.82	21.01	20.82	22
		50	0	19.43	19.62	19.60	21
		50	25	19.50	19.52	19.49	21
		50	50	19.65	19.76	19.73	21
		100	0	19.63	19.63	19.72	21
	64QAM	1	0	20.01	20.19	20.18	21.5
		1	50	20.11	20.09	19.98	21.5
		1	99	20.30	20.38	20.17	21.5
		50	0	18.79	19.11	19.05	20.5
		50	25	18.94	18.93	18.92	20.5
		50	50	19.12	19.23	19.21	20.5
		100	0	18.99	18.99	19.12	20.5
	256QAM	1	0	19.90	20.08	20.09	21.5
		1	50	20.03	19.97	19.90	21.5
		1	99	20.20	20.32	20.03	21.5
		50	0	18.65	18.97	19.01	20.5
		50	25	18.92	18.96	18.84	20.5
		50	50	19.10	19.13	19.06	20.5
		100	0	18.88	18.86	18.97	20.5
BW	MCS Index	Channel		132047	132322	132597	Max. Tune-up
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	20.54	20.81	20.74	22
		1	37	20.76	20.69	20.63	22
		1	74	20.86	20.96	20.88	22
		36	0	19.53	19.57	19.66	21
		36	19	19.58	19.61	19.52	21
		36	39	19.56	19.81	19.64	21
		75	0	19.58	19.67	19.67	21
	16QAM	1	0	20.57	20.64	20.63	22
		1	37	20.50	20.67	20.50	22
		1	74	20.67	20.97	20.73	22
		36	0	19.33	19.58	19.45	21
		36	19	19.42	19.48	19.44	21
		36	39	19.62	19.76	19.69	21
		75	0	19.60	19.54	19.59	21
	64QAM	1	0	19.91	20.15	20.14	21.5
		1	37	19.98	19.99	19.88	21.5
		1	74	20.22	20.37	20.02	21.5
		36	0	18.66	19.00	18.98	20.5
		36	19	18.93	18.92	18.86	20.5
		36	39	19.09	19.22	19.14	20.5
		75	0	18.98	18.92	19.11	20.5
	256QAM	1	0	19.86	19.96	19.95	21.5
		1	37	20.01	19.94	19.88	21.5
		1	74	20.17	20.30	19.98	21.5
		36	0	18.56	18.93	18.87	20.5
		36	19	18.89	18.76	18.74	20.5
		36	39	19.03	19.03	19.02	20.5
		75	0	18.82	18.80	18.92	20.5
BW	MCS Index	Channel		132022	132322	132622	Max. Tune-up
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	20.55	20.74	20.71	22
		1	24	20.66	20.68	20.58	22
		1	49	20.76	21.03	20.87	22
		25	0	19.44	19.58	19.62	21
		25	12	19.55	19.62	19.57	21
		25	25	19.65	19.78	19.63	21
		50	0	19.62	19.60	19.66	21
	16QAM	1	0	20.53	20.62	20.55	22
		1	24	20.58	20.54	20.47	22
		1	49	20.70	20.87	20.75	22
		25	0	19.29	19.48	19.52	21
		25	12	19.42	19.41	19.38	21
		25	25	19.59	19.75	19.60	21
		50	0	19.54	19.61	19.64	21
	64QAM	1	0	19.90	20.16	20.03	21.5
		1	24	19.99	20.07	19.86	21.5
		1	49	20.15	20.30	20.09	21.5
		25	0	18.65	19.06	18.96	20.5
		25	12	18.90	18.83	18.87	20.5
		25	25	19.10	19.15	19.09	20.5
		50	0	18.90	18.90	19.09	20.5
	256QAM	1	0	19.86	20.03	19.98	21.5
		1	24	20.00	19.82	19.83	21.5
		1	49	20.09	20.25	19.93	21.5
		25	0	18.60	18.93	18.95	20.5
		25	12	18.90	18.79	18.69	20.5
		25	25	19.00	19.00	18.99	20.5
		50	0	18.84	18.74	18.91	20.5
BW	MCS Index	Channel		131997	132322	132647	Max. Tune-up
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	20.57	20.79	20.69	22
		1	12	20.73	20.67	20.69	22
		1	24	20.81	20.94	20.92	22
		12	0	19.55	19.68	19.67	21
		12	6	19.57	19.63	19.55	21
		12	13	19.61	19.76	19.70	21
		25	0	19.60	19.64	19.63	21
	16QAM	1	0	20.50	20.66	20.55	22
		1	12	20.52	20.67	20.43	22
		1	24	20.73	20.86	20.78	22
		12	0	19.33	19.49	19.56	21
		12	6	19.43	19.43	19.46	21
		12	13	19.59	19.72	19.60	21
		25	0	19.57	19.49	19.70	21
	64QAM	1	0	20.00	20.18	20.09	21.5
		1	12	19.97	19.96	19.90	21.5
		1	24	20.15	20.30	20.06	21.5
		12	0	18.67	19.07	19.01	20.5
		12	6	18.83	18.84	18.90	20.5
		12	13	19.05	19.10	19.18	20.5
		25	0	18.98	18.96	19.07	20.5
	256QAM	1	0	19.75	19.95	19.95	21.5
		1	12	20.01	19.90	19.75	21.5
		1	24	20.18	20.29	19.99	21.5
		12	0	18.52	18.84	18.89	20.5
		12	6	18.90	18.87	18.74	20.5
		12	13	19.02	19.11	18.99	20.5
		25	0	18.84	18.72	18.90	20.5
BW	MCS Index	Channel		131987	132322	132657	Max. Tune-up
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	20.65	20.89	20.74	22
		1	7	20.77	20.75	20.70	22
		1	14	20.76	20.98	20.89	22
		8	0	19.44	19.62	19.63	21
		8	3	19.54	19.60	19.56	21
		8	7	19.62	19.76	19.77	21
		15	0	19.63	19.70	19.66	21
	16QAM	1	0	20.52	20.56	20.62	22
		1	7	20.61	20.65	20.53	22
		1	14	20.73	20.89	20.71	22
		8	0	19.41	19.51	19.59	21
		8	3	19.35	19.39	19.44	21
		8	7	19.64	19.61	19.59	21
		15	0	19.51	19.60	19.70	21
	64QAM	1	0	19.92	20.14	20.11	21.5
		1	7	20.03	19.98	19.84	21.5
		1	14	20.23	20.28	20.12	21.5
		8	0	18.71	18.97	18.98	20.5
		8	3	18.90	18.90	18.84	20.5
		8	7	19.08	19.19	19.09	20.5
		15	0	18.84	18.86	19.01	20.5
	256QAM	1	0	19.82	19.99	20.06	21.5
		1	7	19.91	19.86	19.76	21.5
		1	14	20.06	20.26	19.94	21.5
		8	0	18.62	18.94	18.93	20.5
		8	3	18.78	18.80	18.78	20.5
		8	7	19.08	19.09	18.97	20.5
		15	0	18.74	18.84	18.89	20.5
BW	MCS Index	Channel		131979	132322	132665	Max. Tune-up
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	20.57	20.87	20.75	22
		1	2	20.87	20.65	20.60	22
		1	5	20.82	21.02	20.92	22
		3	0	20.62	20.87	20.59	22
		3	1	20.61	20.63	20.47	22
		3	3	20.71	20.91	20.81	22
		6	0	20.56	20.71	20.69	22
	16QAM	1	0	20.66	20.64	20.61	22
		1	2	20.78	20.98	20.84	22
		1	5	20.50	20.61	20.68	22
		3	0	20.54	20.53	20.50	22
		3	1	20.72	20.93	20.74	22
		3	3	20.55	20.75	20.76	22
		6	0	20.67	20.69	20.70	22
	64QAM	1	0	20.77	21.04	20.87	22
		1	2	20.50	20.64	20.66	22
		1	5	20.50	20.54	20.41	22
		3	0	20.70	20.92	20.71	22
		3	1	20.68	20.75	20.75	22
		3	3	20.67	20.74	20.69	22
		6	0	18.76	18.97	18.98	20.5
	256QAM	1	0	18.92	18.88	18.88	20.5
		1	2	19.02	19.16	19.18	20.5
		1	5	18.85	18.98	18.98	20.5
		3	0	18.61	18.94	18.95	20.5
		3	1	18.83	18.83	18.79	20.5
		3	3	19.06	19.01	18.94	20.5
		6	0	18.74	18.80	18.89	20.5

LTE Band 2 Ant0 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	20.14	20.24	20.22	21
		1	50	20.21	20.19	20.23	21
		1	99	**20.27**	20.25	20.24	21
		50	0	19.28	19.37	19.17	20
		50	25	19.41	19.27	19.31	20
		50	50	**19.43**	19.40	19.36	20
		100	0	**19.46**	19.35	19.39	20
	16QAM	1	0	20.00	20.11	20.20	21
		1	50	20.18	20.10	20.11	21
		1	99	20.16	20.14	20.21	21
		50	0	19.26	19.33	19.07	20
		50	25	19.37	19.23	19.24	20
		50	50	19.40	19.29	19.24	20
		100	0	19.34	19.33	19.25	20
	64QAM	1	0	19.92	20.04	20.17	21
		1	50	20.14	20.00	20.04	21
		1	99	20.01	19.99	20.07	21
		50	0	19.24	19.26	18.97	20
		50	25	19.34	19.15	19.09	20
		50	50	19.32	19.22	19.15	20
		100	0	19.26	19.23	19.21	20
	256QAM	1	0	17.75	17.85	17.38	19
		1	50	17.89	17.88	17.73	19
		1	99	17.78	17.86	17.51	19
		50	0	16.71	16.86	16.50	18
		50	25	16.82	16.67	16.59	18
		50	50	16.88	16.82	16.84	18
		100	0	16.81	16.78	16.70	18
BW	MCS Index	Channel		18675	18900	19125	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	20.12	20.19	20.20	21
		1	37	20.07	20.16	20.22	21
		1	74	20.13	20.10	20.22	21
		36	0	19.14	19.33	19.16	20
		36	19	19.30	19.24	19.30	20
		36	39	19.33	19.33	19.34	20
		75	0	19.35	19.31	19.25	20
	16QAM	1	0	19.90	20.05	20.12	21
		1	37	20.03	19.95	20.06	21
		1	74	20.05	20.10	20.10	21
		36	0	19.21	19.27	19.06	20
		36	19	19.35	19.10	19.23	20
		36	39	19.33	19.17	19.20	20
		75	0	19.33	19.23	19.15	20
	64QAM	1	0	19.88	19.93	20.04	21
		1	37	20.09	19.87	19.92	21
		1	74	19.96	19.84	20.04	21
		36	0	19.22	19.14	18.86	20
		36	19	19.32	19.12	18.95	20
		36	39	19.28	19.15	19.14	20
		75	0	19.21	19.20	19.10	20
	256QAM	1	0	17.69	17.77	17.30	19
		1	37	17.84	17.73	17.66	19
		1	74	17.77	17.80	17.38	19
		36	0	16.67	16.73	16.47	18
		36	19	16.72	16.59	16.47	18
		36	39	16.84	16.80	16.77	18
		75	0	16.66	16.74	16.60	18
BW	MCS Index	Channel		18650	18900	19150	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	20.05	20.17	20.21	21
		1	24	20.07	20.09	20.11	21
		1	49	20.24	20.21	20.17	21
		25	0	19.21	19.25	19.14	20
		25	12	19.27	19.17	19.21	20
		25	25	19.38	19.25	19.34	20
		50	0	19.45	19.31	19.36	20
	16QAM	1	0	19.88	20.09	20.12	21
		1	24	20.09	19.99	20.01	21
		1	49	20.07	20.00	20.07	21
		25	0	19.17	19.26	19.02	20
		25	12	19.36	19.09	19.17	20
		25	25	19.25	19.23	19.23	20
		50	0	19.27	19.23	19.24	20
	64QAM	1	0	19.84	19.93	20.14	21
		1	24	20.03	19.86	19.93	21
		1	49	19.90	19.87	19.96	21
		25	0	19.09	19.21	18.90	20
		25	12	19.29	19.01	19.08	20
		25	25	19.28	19.07	19.02	20
		50	0	19.24	19.22	19.09	20
	256QAM	1	0	17.72	17.71	17.36	19
		1	24	17.76	17.87	17.61	19
		1	49	17.68	17.72	17.49	19
		25	0	16.69	16.77	16.49	18
		25	12	16.78	16.57	16.53	18
		25	25	16.76	16.80	16.72	18
		50	0	16.69	16.71	16.56	18
BW	MCS Index	Channel		18625	18900	19175	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	20.12	20.14	20.08	21
		1	12	20.14	20.17	20.13	21
		1	24	20.18	20.19	20.12	21
		12	0	19.23	19.25	19.15	20
		12	6	19.38	19.16	19.25	20
		12	13	19.28	19.37	19.33	20
		25	0	19.43	19.25	19.33	20
	16QAM	1	0	19.86	20.02	20.14	21
		1	12	20.13	20.01	20.08	21
		1	24	20.10	20.02	20.16	21
		12	0	19.15	19.23	18.99	20
		12	6	19.24	19.22	19.13	20
		12	13	19.34	19.24	19.19	20
		25	0	19.25	19.28	19.23	20
	64QAM	1	0	19.84	20.02	20.11	21
		1	12	20.04	19.85	20.03	21
		1	24	19.86	19.93	19.94	21
		12	0	19.11	19.25	18.91	20
		12	6	19.22	19.02	18.94	20
		12	13	19.27	19.10	19.10	20
		25	0	19.16	19.13	19.17	20
	256QAM	1	0	17.68	17.70	17.33	19
		1	12	17.81	17.80	17.64	19
		1	24	17.72	17.81	17.49	19
		12	0	16.62	16.76	16.45	18
		12	6	16.70	16.64	16.56	18
		12	13	16.83	16.68	16.79	18
		25	0	16.79	16.63	16.62	18
BW	MCS Index	Channel		18615	18900	19185	Max. Tune-up
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	20.07	20.21	20.16	21
		1	7	20.11	20.08	20.19	21
		1	14	20.21	20.22	20.18	21
		8	0	19.24	19.23	19.10	20
		8	3	19.26	19.21	19.30	20
		8	7	19.34	19.25	19.35	20
		15	0	19.34	19.30	19.31	20
	16QAM	1	0	19.93	20.06	20.10	21
		1	7	20.04	20.07	20.07	21
		1	14	20.15	20.07	20.17	21
		8	0	19.20	19.20	19.04	20
		8	3	19.33	19.22	19.17	20
		8	7	19.38	19.21	19.21	20
		15	0	19.23	19.25	19.11	20
	64QAM	1	0	19.86	19.94	20.07	21
		1	7	19.99	19.98	19.90	21
		1	14	19.92	19.87	19.94	21
		8	0	19.23	19.13	18.92	20
		8	3	19.28	19.00	18.96	20
		8	7	19.31	19.17	19.10	20
		15	0	19.24	19.11	19.14	20
	256QAM	1	0	17.69	17.70	17.32	19
		1	7	17.78	17.82	17.67	19
		1	14	17.71	17.77	17.46	19
		8	0	16.62	16.80	16.37	18
		8	3	16.81	16.61	16.56	18
		8	7	16.75	16.81	16.76	18
		15	0	16.73	16.70	16.61	18
BW	MCS Index	Channel		18607	18900	19193	Max. Tune-up
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	19.40	19.47	19.44	21
		1	2	19.30	19.34	19.23	21
		1	5	19.24	19.27	19.15	21
		3	0	19.16	19.28	19.13	21
		3	1	19.25	19.32	19.29	21
		3	3	19.27	19.31	19.25	21
		6	0	19.23	19.35	19.29	21
	16QAM	1	0	19.73	19.76	19.74	21
		1	2	19.64	19.79	19.73	21
		1	5	19.53	19.66	19.54	21
		3	0	19.40	19.54	19.49	21
		3	1	19.39	19.52	19.43	21
		3	3	19.40	19.44	19.36	21
		6	0	19.40	19.53	19.41	21
	64QAM	1	0	19.65	19.67	19.65	21
		1	2	19.56	19.71	19.68	21
		1	5	19.53	19.54	19.45	21
		3	0	19.41	19.47	19.33	21
		3	1	19.39	19.48	19.40	21
		3	3	19.16	19.27	19.25	21
		6	0	19.05	19.17	19.13	21
	256QAM	1	0	17.36	17.37	17.26	18
		1	2	17.42	17.49	17.42	18
		1	5	17.24	17.36	17.29	18
		3	0	17.24	17.38	17.27	18
		3	1	17.35	17.44	17.33	18
		3	3	17.26	17.35	17.32	18
		6	0	17.08	17.22	17.15	18

LTE Band 4 Ant0 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20050	20175	20300	
		Frequence (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	19.85	19.96	19.99	21
		1	50	19.86	19.91	19.99	21
		1	99	19.97	20.05	**20.08**	21
		50	0	18.64	18.97	19.09	20
		50	25	18.87	18.93	**19.13**	20
		50	50	18.93	19.10	19.11	20
		100	0	18.85	18.89	**18.98**	20
	16QAM	1	0	19.81	19.91	19.87	21
		1	50	19.86	19.70	19.91	21
		1	99	19.85	19.99	19.99	21
		50	0	18.72	18.93	18.99	20
		50	25	18.94	18.84	18.88	20
		50	50	18.92	19.00	18.96	20
		100	0	18.84	18.97	18.71	20
	64QAM	1	0	19.78	19.77	19.82	21
		1	50	19.75	19.59	19.73	21
		1	99	19.74	20.01	19.85	21
		50	0	18.53	18.80	18.94	20
		50	25	18.72	18.65	18.85	20
		50	50	18.96	18.91	18.84	20
		100	0	18.77	18.85	18.56	20
	256QAM	1	0	17.24	17.52	17.45	18
		1	50	17.28	17.49	17.42	18
		1	99	17.41	17.56	17.42	18
		50	0	16.17	16.46	16.33	17
		50	25	16.28	16.32	16.43	17
		50	50	16.24	16.35	16.34	17
		100	0	16.17	16.31	16.35	17
BW	MCS Index	Channel		20025	20175	20325	Max. Tune-up
		Frequence (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	19.78	19.82	19.93	21
		1	37	19.84	19.82	19.89	21
		1	74	19.96	19.95	19.98	21
		36	0	18.62	18.92	19.05	20
		36	19	18.72	18.84	19.11	20
		36	39	18.88	19.09	19.02	20
		75	0	18.77	18.88	18.87	20
	16QAM	1	0	19.74	19.77	19.72	21
		1	37	19.79	19.65	19.76	21
		1	74	19.81	19.94	19.89	21
		36	0	18.63	18.88	18.92	20
		36	19	18.86	18.78	18.73	20
		36	39	18.80	18.94	18.94	20
		75	0	18.71	18.82	18.58	20
	64QAM	1	0	19.77	19.66	19.70	21
		1	37	19.68	19.45	19.66	21
		1	74	19.66	19.89	19.70	21
		36	0	18.40	18.70	18.92	20
		36	19	18.68	18.58	18.83	20
		36	39	18.87	18.86	18.71	20
		75	0	18.66	18.82	18.52	20
	256QAM	1	0	17.20	17.43	17.36	18
		1	37	17.18	17.34	17.40	18
		1	74	17.33	17.42	17.33	18
		36	0	16.04	16.41	16.21	17
		36	19	16.25	16.17	16.30	17
		36	39	16.11	16.28	16.27	17
		75	0	16.10	16.17	16.26	17
BW	MCS Index	Channel		20000	20175	20350	Max. Tune-up
		Frequence (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	19.81	19.81	19.84	21
		1	24	19.84	19.90	19.94	21
		1	49	19.82	20.01	20.05	21
		25	0	18.58	18.84	19.07	20
		25	12	18.79	18.90	18.98	20
		25	25	18.84	19.04	19.05	20
		50	0	18.76	18.85	18.95	20
	16QAM	1	0	19.72	19.80	19.85	21
		1	24	19.85	19.61	19.83	21
		1	49	19.84	19.86	19.94	21
		25	0	18.57	18.78	18.96	20
		25	12	18.85	18.76	18.77	20
		25	25	18.87	18.95	18.88	20
		50	0	18.73	18.82	18.62	20
	64QAM	1	0	19.72	19.66	19.71	21
		1	24	19.73	19.46	19.72	21
		1	49	19.68	19.92	19.71	21
		25	0	18.40	18.72	18.91	20
		25	12	18.58	18.51	18.80	20
		25	25	18.85	18.80	18.78	20
		50	0	18.65	18.80	18.54	20
	256QAM	1	0	17.23	17.47	17.44	18
		1	24	17.27	17.45	17.29	18
		1	49	17.31	17.48	17.39	18
		25	0	16.10	16.34	16.22	17
		25	12	16.15	16.24	16.36	17
		25	25	16.10	16.29	16.19	17
		50	0	16.02	16.29	16.22	17
BW	MCS Index	Channel		19975	20175	20375	Max. Tune-up
		Frequence (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	19.75	19.89	19.85	21
		1	12	19.80	19.82	19.98	21
		1	24	19.88	19.91	20.06	21
		12	0	18.54	18.95	19.04	20
		12	6	18.77	18.84	19.08	20
		12	13	18.90	18.98	18.96	20
		25	0	18.72	18.78	18.84	20
	16QAM	1	0	19.80	19.76	19.83	21
		1	12	19.73	19.57	19.85	21
		1	24	19.82	19.97	19.98	21
		12	0	18.67	18.88	18.97	20
		12	6	18.90	18.83	18.81	20
		12	13	18.87	18.96	18.82	20
		25	0	18.82	18.83	18.67	20
	64QAM	1	0	19.67	19.62	19.67	21
		1	12	19.71	19.49	19.68	21
		1	24	19.67	19.87	19.74	21
		12	0	18.38	18.79	18.88	20
		12	6	18.61	18.52	18.73	20
		12	13	18.85	18.85	18.70	20
		25	0	18.71	18.83	18.48	20
	256QAM	1	0	17.22	17.40	17.30	18
		1	12	17.20	17.38	17.27	18
		1	24	17.30	17.50	17.34	18
		12	0	16.12	16.36	16.23	17
		12	6	16.22	16.25	16.42	17
		12	13	16.16	16.20	16.32	17
		25	0	16.06	16.30	16.29	17
BW	MCS Index	Channel		19965	20175	20385	Max. Tune-up
		Frequence (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	19.79	19.92	19.85	21
		1	7	19.83	19.88	19.92	21
		1	14	19.83	19.96	19.96	21
		8	0	18.50	18.85	19.06	20
		8	3	18.74	18.90	19.11	20
		8	7	18.92	19.04	19.07	20
		15	0	18.75	18.85	18.97	20
	16QAM	1	0	19.80	19.77	19.85	21
		1	7	19.80	19.64	19.86	21
		1	14	19.80	19.89	19.95	21
		8	0	18.68	18.87	18.90	20
		8	3	18.81	18.71	18.86	20
		8	7	18.86	18.97	18.93	20
		15	0	18.82	18.84	18.70	20
	64QAM	1	0	19.71	19.62	19.81	21
		1	7	19.62	19.49	19.66	21
		1	14	19.68	19.89	19.79	21
		8	0	18.49	18.72	18.81	20
		8	3	18.67	18.64	18.82	20
		8	7	18.84	18.87	18.76	20
		15	0	18.64	18.77	18.44	20
	256QAM	1	0	17.10	17.44	17.42	18
		1	7	17.14	17.40	17.39	18
		1	14	17.39	17.53	17.31	18
		8	0	16.10	16.32	16.18	17
		8	3	16.18	16.18	16.40	17
		8	7	16.14	16.20	16.31	17
		15	0	16.10	16.22	16.21	17
BW	MCS Index	Channel		19957	20175	20393	Max. Tune-up
		Frequence (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	19.92	20.05	20.08	21
		1	2	20.01	20.17	19.94	21
		1	5	19.82	20.01	19.86	21
		3	0	20.00	19.91	19.88	21
		3	1	19.99	20.08	19.87	21
		3	3	20.03	20.24	20.01	21
		6	0	20.03	20.07	20.02	21
	16QAM	1	0	20.16	20.30	20.32	21
		1	2	20.06	20.19	20.01	21
		1	5	20.09	20.09	20.10	21
		3	0	20.19	20.12	20.03	21
		3	1	20.13	20.21	20.19	21
		3	3	19.96	20.13	19.94	21
		6	0	19.96	19.99	19.89	21
	64QAM	1	0	20.19	20.18	20.12	21
		1	2	20.00	20.20	20.06	21
		1	5	19.96	20.08	19.91	21
		3	0	19.94	20.01	20.03	21
		3	1	19.93	20.06	20.05	21
		3	3	20.03	19.95	20.01	21
		6	0	19.19	19.19	19.15	20
	256QAM	1	0	17.42	17.59	17.45	18
		1	2	17.39	17.37	17.37	18
		1	5	17.21	17.39	17.28	18
		3	0	17.33	17.29	17.10	18
		3	1	17.43	17.41	17.41	18
		3	3	17.41	17.50	17.26	18
		6	0	17.01	17.16	17.08	18

LTE Band 7 Ant0 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		20850	21100	21350	
		Frequence (MHz)		2510	2535	2560	
20M	QPSK	1	0	**20.50**	20.40	20.49	21
		1	50	20.49	20.25	20.46	21
		1	99	20.41	20.38	20.37	21
		50	0	**19.78**	19.57	19.77	20
		50	25	19.75	19.51	19.68	20
		50	50	19.62	19.43	19.53	20
		100	0	**19.69**	19.60	19.67	20
	16QAM	1	0	20.48	20.36	20.38	21
		1	50	20.48	20.19	20.32	21
		1	99	20.32	20.32	20.27	21
		50	0	19.74	19.43	19.76	20
		50	25	19.72	19.50	19.67	20
		50	50	19.57	19.34	19.43	20
		100	0	19.67	19.59	19.65	20
	64QAM	1	0	20.40	20.24	20.30	21
		1	50	20.46	20.09	20.25	21
		1	99	20.30	20.24	20.23	21
		50	0	19.68	19.35	19.63	20
		50	25	19.69	19.38	19.62	20
		50	50	19.53	19.29	19.34	20
		100	0	19.65	19.57	19.61	20
	256QAM	1	0	17.92	17.65	17.68	19
		1	50	17.76	17.70	17.58	19
		1	99	17.66	17.55	17.60	19
		50	0	16.80	16.63	16.76	18
		50	25	16.87	16.69	16.86	18
		50	50	16.85	16.59	16.78	18
		100	0	16.79	16.64	16.74	18
BW	MCS Index	Channel		20825	21100	21375	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	20.40	20.35	20.46	21
		1	37	20.46	20.13	20.34	21
		1	74	20.31	20.25	20.28	21
		36	0	19.65	19.48	19.72	20
		36	19	19.60	19.47	19.64	20
		36	39	19.47	19.32	19.48	20
		75	0	19.64	19.56	19.60	20
	16QAM	1	0	20.36	20.34	20.23	21
		1	37	20.37	20.13	20.19	21
		1	74	20.24	20.25	20.15	21
		36	0	19.62	19.36	19.63	20
		36	19	19.67	19.40	19.64	20
		36	39	19.50	19.21	19.39	20
		75	0	19.55	19.47	19.52	20
	64QAM	1	0	20.36	20.18	20.27	21
		1	37	20.43	19.97	20.12	21
		1	74	20.15	20.17	20.11	21
		36	0	19.53	19.30	19.49	20
		36	19	19.59	19.34	19.52	20
		36	39	19.43	19.24	19.23	20
		75	0	19.60	19.53	19.60	20
	256QAM	1	0	17.85	17.55	17.66	19
		1	37	17.72	17.64	17.47	19
		1	74	17.57	17.40	17.57	19
		36	0	16.71	16.52	16.72	18
		36	19	16.74	16.66	16.82	18
		36	39	16.81	16.49	16.74	18
		75	0	16.75	16.51	16.64	18
BW	MCS Index	Channel		20800	21100	21400	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	QPSK	1	0	20.48	20.37	20.42	21
		1	24	20.34	20.12	20.33	21
		1	49	20.31	20.23	20.28	21
		25	0	19.71	19.48	19.67	20
		25	12	19.66	19.37	19.63	20
		25	25	19.49	19.38	19.40	20
		50	0	19.68	19.46	19.63	20
	16QAM	1	0	20.42	20.22	20.34	21
		1	24	20.40	20.08	20.23	21
		1	49	20.20	20.19	20.15	21
		25	0	19.63	19.32	19.61	20
		25	12	19.65	19.40	19.53	20
		25	25	19.54	19.19	19.31	20
		50	0	19.59	19.45	19.64	20
	64QAM	1	0	20.26	20.21	20.25	21
		1	24	20.45	20.01	20.12	21
		1	49	20.23	20.13	20.19	21
		25	0	19.61	19.20	19.55	20
		25	12	19.60	19.27	19.56	20
		25	25	19.50	19.24	19.24	20
		50	0	19.58	19.51	19.54	20
	256QAM	1	0	17.80	17.59	17.63	19
		1	24	17.61	17.63	17.47	19
		1	49	17.52	17.44	17.45	19
		25	0	16.73	16.51	16.73	18
		25	12	16.81	16.62	16.85	18
		25	25	16.75	16.50	16.66	18
		50	0	16.65	16.60	16.62	18
BW	MCS Index	Channel		20775	21100	21425	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	20.41	20.28	20.41	21
		1	12	20.40	20.23	20.41	21
		1	24	20.35	20.23	20.33	21
		12	0	19.65	19.48	19.75	20
		12	6	19.69	19.45	19.65	20
		12	13	19.52	19.30	19.43	20
		25	0	19.64	19.58	19.63	20
	16QAM	1	0	20.40	20.27	20.34	21
		1	12	20.45	20.10	20.20	21
		1	24	20.30	20.17	20.15	21
		12	0	19.59	19.30	19.70	20
		12	6	19.68	19.36	19.65	20
		12	13	19.47	19.21	19.42	20
		25	0	19.57	19.58	19.63	20
	64QAM	1	0	20.26	20.15	20.29	21
		1	12	20.41	19.99	20.21	21
		1	24	20.17	20.20	20.12	21
		12	0	19.56	19.22	19.62	20
		12	6	19.66	19.34	19.53	20
		12	13	19.44	19.17	19.25	20
		25	0	19.56	19.50	19.55	20
	256QAM	1	0	17.78	17.59	17.62	19
		1	12	17.62	17.62	17.53	19
		1	24	17.62	17.41	17.51	19
		12	0	16.77	16.61	16.73	18
		12	6	16.81	16.55	16.81	18
		12	13	16.75	16.55	16.71	18
		25	0	16.74	16.54	16.59	18

LTE Band 38 Ant0 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		37850	38000	38150	
		Frequence (MHz)		2580	2595	2610	
20M	QPSK	1	0	**21.04**	20.89	20.93	22
		1	50	21.02	20.82	20.85	22
		1	99	20.86	20.88	20.89	22
		50	0	**20.13**	19.98	20.02	21
		50	25	20.03	19.93	19.97	21
		50	50	19.92	19.79	20.00	21
		100	0	**19.97**	19.77	19.89	21
	16QAM	1	0	21.01	20.76	20.80	22
		1	50	20.91	20.70	20.70	22
		1	99	20.83	20.73	20.77	22
		50	0	20.01	19.96	19.88	21
		50	25	20.01	19.90	19.85	21
		50	50	19.88	19.72	19.87	21
		100	0	19.85	19.72	19.74	21
	64QAM	1	0	19.81	19.54	19.69	21
		1	50	19.83	19.66	19.53	21
		1	99	19.71	19.48	19.55	21
		50	0	18.91	18.77	18.67	20
		50	25	18.85	18.76	18.74	20
		50	50	18.79	18.66	18.65	20
		100	0	18.65	18.65	18.61	20
	256QAM	1	0	17.64	17.49	17.87	19
		1	50	17.51	17.48	17.50	19
		1	99	17.27	17.33	17.28	19
		50	0	16.91	16.77	16.87	18
		50	25	16.77	16.74	16.78	18
		50	50	16.63	16.82	16.72	18
		100	0	16.81	16.79	16.96	18
BW	MCS Index	Channel		37825	38000	38175	Max. Tune-up
		Frequence (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	20.95	20.76	20.91	22
		1	37	20.88	20.69	20.74	22
		1	74	20.73	20.85	20.83	22
		36	0	20.05	19.95	19.91	21
		36	19	20.00	19.88	19.92	21
		36	39	19.91	19.64	19.86	21
		75	0	19.95	19.63	19.87	21
	16QAM	1	0	20.95	20.65	20.75	22
		1	37	20.83	20.62	20.65	22
		1	74	20.70	20.62	20.76	22
		36	0	19.97	19.94	19.81	21
		36	19	19.86	19.88	19.77	21
		36	39	19.76	19.59	19.75	21
		75	0	19.70	19.68	19.60	21
	64QAM	1	0	19.69	19.41	19.56	21
		1	37	19.81	19.57	19.42	21
		1	74	19.70	19.47	19.41	21
		36	0	18.79	18.75	18.66	20
		36	19	18.73	18.71	18.62	20
		36	39	18.74	18.55	18.60	20
		75	0	18.62	18.61	18.55	20
	256QAM	1	0	17.55	17.37	**17.74**	19
		1	37	17.42	17.41	17.36	19
		1	74	17.15	17.20	17.20	19
		36	0	16.90	16.64	16.86	18
		36	19	16.65	16.71	16.75	18
		36	39	16.52	16.73	16.65	18
		75	0	16.72	16.70	16.94	18
BW	MCS Index	Channel		37800	38000	38200	Max. Tune-up
		Frequence (MHz)		2575	2595	2615	
10M	QPSK	1	0	20.92	20.74	20.80	22
		1	24	20.93	20.76	20.79	22
		1	49	20.78	20.73	20.84	22
		25	0	20.03	19.84	19.93	21
		25	12	20.01	19.89	19.88	21
		25	25	19.81	19.65	19.90	21
		50	0	19.90	19.73	19.80	21
	16QAM	1	0	20.88	20.62	20.69	22
		1	24	20.85	20.63	20.65	22
		1	49	20.76	20.68	20.64	22
		25	0	19.96	19.89	19.78	21
		25	12	19.86	19.76	19.84	21
		25	25	19.84	19.71	19.86	21
		50	0	19.82	19.70	19.59	21
	64QAM	1	0	19.71	19.51	19.58	21
		1	24	19.82	19.62	19.51	21
		1	49	19.61	19.33	19.46	21
		25	0	18.78	18.75	18.58	20
		25	12	18.79	18.66	18.62	20
		25	25	18.70	18.61	18.53	20
		50	0	18.55	18.63	18.47	20
	256QAM	1	0	17.50	17.41	**17.75**	19
		1	24	17.48	17.46	17.45	19
		1	49	17.21	17.32	17.13	19
		25	0	16.90	16.76	16.80	18
		25	12	16.73	16.73	16.71	18
		25	25	16.61	16.68	16.67	18
		50	0	16.74	16.65	16.85	18
BW	MCS Index	Channel		37775	38000	38225	Max. Tune-up
		Frequence (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	20.91	20.77	20.78	22
		1	12	20.91	20.72	20.79	22
		1	24	20.78	20.75	20.81	22
		12	0	19.99	19.91	19.91	21
		12	6	19.97	19.79	19.86	21
		12	13	19.81	19.72	19.96	21
		25	0	19.87	19.72	19.85	21
	16QAM	1	0	20.88	20.62	20.68	22
		1	12	20.80	20.64	20.62	22
		1	24	20.68	20.70	20.66	22
		12	0	19.90	19.94	19.75	21
		12	6	19.94	19.80	19.73	21
		12	13	19.81	19.63	19.79	21
		25	0	19.83	19.66	19.64	21
	64QAM	1	0	19.80	19.45	19.57	21
		1	12	19.80	19.62	19.42	21
		1	24	19.57	19.41	19.44	21
		12	0	18.84	18.68	18.54	20
		12	6	18.79	18.65	18.71	20
		12	13	18.71	18.58	18.53	20
		25	0	18.60	18.59	18.48	20
	256QAM	1	0	17.53	17.46	**17.86**	19
		1	12	17.50	17.45	17.46	19
		1	24	17.14	17.28	17.23	19
		12	0	16.89	16.67	16.82	18
		12	6	16.70	16.66	16.66	18
		12	13	16.56	16.75	16.68	18
		25	0	16.80	16.69	16.85	18

LTE Band 41 (2496 ~ 2690MHz) Ant0 FCC Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		39750	40185	40620	41055	41490	
		Frequence (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	20.96	20.95	**21.24**	21.21	21.17	22
		1	50	20.86	20.97	21.01	21.03	20.95	22
		1	99	20.67	20.92	21.10	21.01	20.87	22
		50	0	20.18	20.17	**20.25**	20.17	20.10	21
		50	25	20.16	20.05	20.14	20.09	20.01	21
		50	50	20.02	20.10	20.22	19.98	19.93	21
		100	0	20.09	20.16	**20.18**	20.03	20.02	21
	16QAM	1	0	20.94	20.83	21.22	21.10	21.11	22
		1	50	20.84	20.82	20.97	20.96	20.89	22
		1	99	20.60	20.88	21.00	20.94	20.84	22
		50	0	20.03	20.12	20.13	20.07	19.95	21
		50	25	20.06	19.97	20.08	20.03	19.93	21
		50	50	19.96	20.02	20.19	19.83	19.89	21
		100	0	20.00	20.04	20.07	19.90	20.00	21
	64QAM	1	0	20.12	19.97	20.10	20.18	20.12	21
		1	50	20.07	20.22	20.13	20.24	20.02	21
		1	99	20.00	20.21	20.05	20.13	19.89	21
		50	0	19.59	19.56	19.69	19.76	19.51	20
		50	25	19.58	19.59	19.49	19.48	19.54	20
		50	50	19.53	19.57	19.73	19.59	19.47	20
		100	0	19.57	19.59	19.68	19.59	19.47	20
	256QAM	1	0	17.51	17.57	17.63	17.75	17.59	19
		1	50	17.63	17.69	17.58	17.69	17.41	19
		1	99	17.43	17.67	17.54	17.59	17.39	19
		50	0	17.00	17.01	17.09	17.13	16.97	18
		50	25	17.01	17.19	17.01	16.86	16.83	18
		50	50	16.98	17.10	17.08	17.06	16.92	18
		100	0	17.06	17.16	17.08	17.04	17.07	18
BW	MCS Index	Channel		39725	40173	40620	41068	41515	Max. Tune-up
		Frequence (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	20.88	20.83	21.16	21.07	21.08	22
		1	37	20.82	20.83	20.96	20.97	20.91	22
		1	74	20.66	20.78	21.05	20.93	20.86	22
		36	0	20.16	20.09	20.12	20.02	20.05	21
		36	19	20.07	19.90	20.11	19.96	19.92	21
		36	39	19.88	20.04	20.18	19.87	19.91	21
		75	0	20.02	20.10	20.15	19.96	20.01	21
	16QAM	1	0	20.79	20.71	21.09	20.99	21.09	22
		1	37	20.74	20.69	20.83	20.86	20.76	22
		1	74	20.51	20.81	20.91	20.88	20.70	22
		36	0	20.00	20.03	20.06	20.01	19.92	21
		36	19	19.91	19.91	20.01	19.94	19.83	21
		36	39	19.92	19.93	20.11	19.68	19.84	21
		75	0	19.89	19.92	19.92	19.84	19.96	21
	64QAM	1	0	20.08	19.88	19.95	20.17	20.10	21
		1	37	20.04	20.20	20.12	20.22	19.99	21
		1	74	19.94	20.13	20.00	20.09	19.87	21
		36	0	19.57	19.44	19.55	19.63	19.37	20
		36	19	19.54	19.52	19.44	19.40	19.48	20
		36	39	19.42	19.45	19.67	19.44	19.35	20
		75	0	19.43	19.46	19.61	19.45	19.46	20
	256QAM	1	0	17.39	17.52	17.58	17.72	17.54	19
		1	37	17.50	17.68	17.56	17.59	17.35	19
		1	74	17.37	17.57	17.49	17.57	17.35	19
		36	0	16.89	17.00	16.99	17.00	16.87	18
		36	19	16.88	17.11	16.87	16.84	16.72	18
		36	39	16.97	16.96	17.02	17.04	16.77	18
		75	0	17.02	17.03	16.93	16.92	16.93	18
BW	MCS Index	Channel		39700	40160	40620	41080	41540	Max. Tune-up
		Frequence (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	20.87	20.81	21.12	21.19	21.08	22
		1	24	20.73	20.85	20.86	20.88	20.94	22
		1	49	20.53	20.79	20.97	20.98	20.73	22
		25	0	20.17	20.12	20.16	20.13	19.96	21
		25	12	20.06	19.95	20.01	20.06	19.94	21
		25	25	19.95	20.03	20.20	19.94	19.79	21
		50	0	19.99	20.12	20.10	20.01	19.97	21
	16QAM	1	0	20.85	20.74	21.10	20.96	21.09	22
		1	24	20.83	20.76	20.90	20.83	20.81	22
		1	49	20.52	20.80	20.90	20.87	20.78	22
		25	0	20.00	20.07	20.07	19.96	19.88	21
		25	12	20.05	19.92	19.94	19.98	19.79	21
		25	25	19.85	19.90	20.16	19.78	19.75	21
		50	0	19.88	19.89	20.02	19.75	19.89	21
	64QAM	1	0	20.01	19.92	20.01	20.16	20.01	21
		1	24	19.97	20.18	19.98	20.17	19.90	21
		1	49	19.89	20.13	20.00	20.00	19.75	21
		25	0	19.44	19.46	19.60	19.70	19.36	20
		25	12	19.45	19.50	19.45	19.33	19.51	20
		25	25	19.40	19.45	19.64	19.55	19.36	20
		50	0	19.44	19.56	19.67	19.55	19.37	20
	256QAM	1	0	17.38	17.51	17.57	17.71	17.53	19
		1	24	17.50	17.54	17.56	17.63	17.37	19
		1	49	17.41	17.55	17.46	17.47	17.25	19
		25	0	16.90	16.87	17.05	17.05	16.89	18
		25	12	16.99	17.14	16.90	16.80	16.73	18
		25	25	16.90	16.99	16.93	17.00	16.83	18
		50	0	17.04	17.08	16.99	16.91	16.97	18
BW	MCS Index	Channel		39675	40148	40620	41093	41565	Max. Tune-up
		Frequence (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	20.81	20.90	21.21	21.10	21.04	22
		1	12	20.81	20.92	20.90	20.95	20.83	22
		1	24	20.57	20.77	21.07	20.86	20.85	22
		12	0	20.12	20.03	20.20	20.03	19.99	21
		12	6	20.12	19.97	20.10	19.96	19.96	21
		12	13	19.97	20.02	20.14	19.95	19.81	21
		25	0	20.04	20.10	20.12	19.93	20.00	21
	16QAM	1	0	20.84	20.82	21.18	21.08	20.97	22
		1	12	20.70	20.69	20.91	20.95	20.82	22
		1	24	20.51	20.75	20.99	20.85	20.80	22
		12	0	19.89	20.02	20.00	20.06	19.85	21
		12	6	19.97	19.94	19.95	20.02	19.90	21
		12	13	19.89	19.97	20.09	19.82	19.87	21
		25	0	19.97	19.98	20.02	19.78	19.97	21
	64QAM	1	0	20.00	19.88	20.09	20.11	19.99	21
		1	12	20.04	20.18	20.05	20.15	20.00	21
		1	24	19.86	20.18	20.00	20.05	19.82	21
		12	0	19.56	19.48	19.54	19.75	19.38	20
		12	6	19.43	19.55	19.41	19.41	19.40	20
		12	13	19.46	19.49	19.69	19.56	19.32	20
		25	0	19.55	19.45	19.60	19.44	19.39	20
	256QAM	1	0	17.42	17.51	17.58	17.72	17.56	19
		1	12	17.51	17.59	17.45	17.64	17.26	19
		1	24	17.39	17.55	17.51	17.46	17.30	19
		12	0	16.95	16.86	16.97	17.04	16.83	18
		12	6	16.88	17.10	16.91	16.76	16.79	18
		12	13	16.95	17.02	17.02	16.96	16.85	18
		25	0	17.00	17.10	17.07	16.98	16.92	18

LTE Band 48 for FCC SAR Ant5 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Low Mid	High Mid	High	Max. Tune-up (dBm)
		Channel		55340	55830	56150	56640	
		Frequence (MHz)		3560	3609	3641	3690	
20M	QPSK	1	0	18.88	18.97	18.95	**19.36**	20
		1	50	18.48	18.77	18.93	19.31	20
		1	99	18.81	18.90	18.53	19.29	20
		50	0	18.39	18.44	17.61	18.51	19
		50	25	18.41	18.54	18.03	**18.61**	19
		50	50	18.36	18.51	17.74	18.59	19
		100	0	18.33	18.56	17.52	**18.57**	19
	16QAM	1	0	18.73	18.93	18.83	19.34	20
		1	50	18.47	18.67	18.78	19.27	20
		1	99	18.79	18.87	18.45	19.18	20
		50	0	18.35	18.41	17.47	18.45	19
		50	25	18.30	18.51	18.00	18.57	19
		50	50	18.26	18.36	17.66	18.55	19
		100	0	18.21	18.49	17.44	18.52	19
	64QAM	1	0	18.62	18.81	18.74	19.33	20
		1	50	18.34	18.56	18.73	19.17	20
		1	99	18.65	18.74	18.40	19.13	20
		50	0	18.25	18.26	17.36	18.43	19
		50	25	18.27	18.39	17.85	18.43	19
		50	50	18.19	18.32	17.52	18.41	19
		100	0	18.14	18.47	17.39	18.42	19
	256QAM	1	0	17.29	17.45	16.43	16.76	18
		1	50	17.43	17.71	16.36	16.60	18
		1	99	17.12	17.69	16.31	16.56	18
		50	0	16.62	16.63	16.41	16.43	17
		50	25	16.50	16.76	15.99	16.03	17
		50	50	16.40	16.71	15.98	16.00	17
		100	0	16.57	16.79	16.49	15.56	17
BW	MCS Index	Channel		55315	55820	56160	56665	Max. Tune-up
		Frequence (MHz)		3557.5	3608	3642	3692.5	
15M	QPSK	1	0	18.84	18.85	18.86	19.23	20
		1	37	18.44	18.68	18.80	19.23	20
		1	74	18.80	18.81	18.45	19.22	20
		36	0	18.26	18.30	17.46	18.46	19
		36	19	18.35	18.44	17.97	18.46	19
		36	39	18.27	18.48	17.60	18.50	19
		75	0	18.31	18.49	17.47	18.44	19
	16QAM	1	0	18.69	18.85	18.68	19.28	20
		1	37	18.37	18.52	18.71	19.18	20
		1	74	18.72	18.78	18.39	19.09	20
		36	0	18.33	18.36	17.39	18.40	19
		36	19	18.15	18.37	17.91	18.49	19
		36	39	18.12	18.33	17.56	18.54	19
		75	0	18.07	18.45	17.37	18.40	19
	64QAM	1	0	18.56	18.75	18.71	19.26	20
		1	37	18.31	18.52	18.65	19.12	20
		1	74	18.58	18.71	18.36	19.02	20
		36	0	18.13	18.23	17.21	18.30	19
		36	19	18.23	18.27	17.75	18.37	19
		36	39	18.15	18.22	17.46	18.35	19
		75	0	18.02	18.39	17.29	18.39	19
	256QAM	1	0	17.23	17.42	16.41	16.71	18
		1	37	17.28	17.60	16.31	16.50	18
		1	74	17.07	17.62	16.16	16.51	18
		36	0	16.58	16.61	16.31	16.41	17
		36	19	16.48	16.72	15.97	15.91	17
		36	39	16.39	16.66	15.84	15.97	17
		75	0	16.45	16.67	16.48	15.42	17
BW	MCS Index	Channel		55290	55815	56165	56690	Max. Tune-up
		Frequence (MHz)		3555	3607.5	3642.5	3695	
10M	QPSK	1	0	18.79	18.86	18.88	19.23	20
		1	24	18.46	18.73	18.82	19.29	20
		1	49	18.71	18.83	18.46	19.21	20
		25	0	18.26	18.39	17.53	18.50	19
		25	12	18.38	18.46	17.92	18.54	19
		25	25	18.29	18.46	17.71	18.55	19
		50	0	18.32	18.45	17.47	18.42	19
	16QAM	1	0	18.63	18.92	18.80	19.31	20
		1	24	18.40	18.57	18.73	19.16	20
		1	49	18.66	18.76	18.40	19.10	20
		25	0	18.30	18.33	17.46	18.33	19
		25	12	18.23	18.40	17.93	18.43	19
		25	25	18.22	18.28	17.60	18.43	19
		50	0	18.18	18.47	17.33	18.38	19
	64QAM	1	0	18.50	18.70	18.66	19.20	20
		1	24	18.28	18.51	18.64	19.14	20
		1	49	18.57	18.61	18.32	19.00	20
		25	0	18.24	18.16	17.34	18.35	19
		25	12	18.14	18.33	17.77	18.38	19
		25	25	18.13	18.19	17.48	18.31	19
		50	0	18.01	18.39	17.34	18.34	19
	256QAM	1	0	17.18	17.35	16.30	16.68	18
		1	24	17.29	17.66	16.35	16.52	18
		1	49	17.01	17.59	16.18	16.41	18
		25	0	16.50	16.59	16.32	16.33	17
		25	12	16.39	16.69	15.92	15.88	17
		25	25	16.37	16.57	15.96	15.86	17
		50	0	16.47	16.67	16.46	15.55	17
BW	MCS Index	Channel		55265	55810	56170	56715	Max. Tune-up
		Frequence (MHz)		3552.5	3607	3643	3697.5	
5M	QPSK	1	0	18.83	18.89	18.82	19.25	20
		1	12	18.33	18.65	18.80	19.24	20
		1	24	18.74	18.86	18.51	19.27	20
		12	0	18.30	18.38	17.52	18.37	19
		12	6	18.40	18.49	18.02	18.54	19
		12	13	18.21	18.46	17.69	18.48	19
		25	0	18.32	18.41	17.44	18.56	19
	16QAM	1	0	18.62	18.84	18.68	19.28	20
		1	12	18.38	18.65	18.71	19.12	20
		1	24	18.72	18.78	18.40	19.08	20
		12	0	18.28	18.37	17.40	18.41	19
		12	6	18.21	18.48	17.91	18.43	19
		12	13	18.21	18.32	17.65	18.49	19
		25	0	18.09	18.42	17.33	18.49	19
	64QAM	1	0	18.50	18.71	18.73	19.24	20
		1	12	18.31	18.51	18.64	19.04	20
		1	24	18.54	18.71	18.26	19.10	20
		12	0	18.23	18.25	17.32	18.36	19
		12	6	18.17	18.33	17.80	18.29	19
		12	13	18.14	18.26	17.48	18.28	19
		25	0	18.02	18.39	17.37	18.31	19
	256QAM	1	0	17.19	17.44	16.40	16.62	18
		1	12	17.30	17.58	16.32	16.56	18
		1	24	17.02	17.65	16.29	16.45	18
		12	0	16.55	16.53	16.38	16.40	17
		12	6	16.49	16.66	15.93	15.96	17
		12	13	16.31	16.64	15.85	15.85	17
		25	0	16.56	16.76	16.35	15.52	17

LTE Band 66 Ant0 Reduce DSI2

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		132072	132322	132572	
		Frequence (MHz)		1720	1745	1770	
20M	QPSK	1	0	19.95	20.08	20.09	21
		1	50	19.94	19.94	20.07	21
		1	99	19.98	**20.17**	20.11	21
		50	0	18.79	19.00	19.15	20
		50	25	18.99	19.01	19.07	20
		50	50	19.07	**19.19**	19.17	20
		100	0	18.98	**19.04**	18.96	20
	16QAM	1	0	19.93	19.97	20.02	21
		1	50	19.93	19.79	19.92	21
		1	99	19.92	20.11	20.04	21
		50	0	18.73	18.97	19.03	20
		50	25	18.96	18.93	19.03	20
		50	50	19.02	19.07	19.02	20
		100	0	18.96	19.02	18.81	20
	64QAM	1	0	19.83	19.89	19.96	21
		1	50	19.79	19.73	19.82	21
		1	99	19.84	20.10	19.92	21
		50	0	18.62	18.87	19.00	20
		50	25	18.86	18.80	18.97	20
		50	50	18.98	18.94	18.93	20
		100	0	18.81	18.94	18.68	20
	256QAM	1	0	17.34	17.61	17.57	18
		1	50	17.42	17.55	17.49	18
		1	99	17.51	17.68	17.52	18
		50	0	16.19	16.50	16.43	17
		50	25	16.31	16.46	16.48	17
		50	50	16.31	16.42	16.47	17
		100	0	16.24	16.43	16.38	17
BW	MCS Index	Channel		132047	132322	132597	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	19.86	20.01	19.95	21
		1	37	19.90	19.86	19.96	21
		1	74	19.96	20.05	20.04	21
		36	0	18.77	18.97	19.07	20
		36	19	18.87	18.95	18.97	20
		36	39	19.01	19.14	19.14	20
		75	0	18.93	19.00	18.82	20
	16QAM	1	0	19.83	19.96	19.98	21
		1	37	19.87	19.74	19.88	21
		1	74	19.85	20.10	19.99	21
		36	0	18.63	18.83	18.89	20
		36	19	18.91	18.83	18.92	20
		36	39	19.01	19.06	19.01	20
		75	0	18.85	18.93	18.79	20
	64QAM	1	0	19.69	19.74	19.87	21
		1	37	19.77	19.71	19.75	21
		1	74	19.82	19.95	19.77	21
		36	0	18.48	18.73	18.94	20
		36	19	18.74	18.75	18.85	20
		36	39	18.87	18.92	18.80	20
		75	0	18.76	18.87	18.65	20
	256QAM	1	0	17.21	17.51	17.44	18
		1	37	17.41	17.46	17.34	18
		1	74	17.47	17.53	17.51	18
		36	0	16.11	16.48	16.37	17
		36	19	16.24	16.33	16.47	17
		36	39	16.17	16.29	16.40	17
		75	0	16.10	16.39	16.30	17
BW	MCS Index	Channel		132022	132322	132622	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	QPSK	1	0	19.84	20.06	20.04	21
		1	24	19.90	19.93	19.97	21
		1	49	19.97	20.05	20.10	21
		25	0	18.65	18.99	19.00	20
		25	12	18.96	18.90	19.02	20
		25	25	19.04	19.14	19.13	20
		50	0	18.94	18.98	18.81	20
	16QAM	1	0	19.83	19.88	20.01	21
		1	24	19.81	19.74	19.84	21
		1	49	19.89	20.00	19.96	21
		25	0	18.60	18.87	18.89	20
		25	12	18.86	18.81	18.98	20
		25	25	18.96	18.94	18.97	20
		50	0	18.92	18.87	18.66	20
	64QAM	1	0	19.76	19.79	19.95	21
		1	24	19.69	19.59	19.78	21
		1	49	19.70	20.07	19.77	21
		25	0	18.60	18.75	18.87	20
		25	12	18.82	18.68	18.92	20
		25	25	18.90	18.93	18.89	20
		50	0	18.71	18.88	18.60	20
	256QAM	1	0	17.28	17.49	17.42	18
		1	24	17.37	17.46	17.47	18
		1	49	17.39	17.64	17.46	18
		25	0	16.17	16.45	16.42	17
		25	12	16.16	16.33	16.46	17
		25	25	16.16	16.32	16.35	17
		50	0	16.12	16.28	16.30	17
BW	MCS Index	Channel		131997	132322	132647	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	19.80	19.93	19.94	21
		1	12	19.79	19.85	19.94	21
		1	24	19.89	20.09	19.98	21
		12	0	18.67	18.97	19.11	20
		12	6	18.88	18.87	18.92	20
		12	13	19.01	19.11	19.03	20
		25	0	18.96	18.92	18.94	20
	16QAM	1	0	19.91	19.91	19.96	21
		1	12	19.86	19.76	19.91	21
		1	24	19.84	20.07	20.01	21
		12	0	18.67	18.82	19.01	20
		12	6	18.95	18.91	19.00	20
		12	13	18.96	19.02	18.96	20
		25	0	18.85	18.93	18.75	20
	64QAM	1	0	19.82	19.75	19.83	21
		1	12	19.72	19.59	19.75	21
		1	24	19.70	20.08	19.87	21
		12	0	18.54	18.74	18.98	20
		12	6	18.79	18.68	18.92	20
		12	13	18.90	18.81	18.88	20
		25	0	18.72	18.82	18.60	20
	256QAM	1	0	17.30	17.54	17.48	18
		1	12	17.36	17.44	17.42	18
		1	24	17.38	17.67	17.37	18
		12	0	16.11	16.42	16.41	17
		12	6	16.21	16.42	16.37	17
		12	13	16.20	16.38	16.46	17
		25	0	16.14	16.38	16.32	17
BW	MCS Index	Channel		131987	132322	132657	Max. Tune-up
		Frequence (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	19.92	19.96	20.08	21
		1	7	19.84	19.84	19.94	21
		1	14	19.91	20.15	19.97	21
		8	0	18.68	18.88	19.06	20
		8	3	18.84	18.97	18.97	20
		8	7	18.96	19.08	19.06	20
		15	0	18.87	18.89	18.90	20
	16QAM	1	0	19.89	19.87	19.92	21
		1	7	19.92	19.74	19.78	21
		1	14	19.88	19.96	20.00	21
		8	0	18.61	18.91	18.96	20
		8	3	18.89	18.82	18.92	20
		8	7	18.92	18.97	18.95	20
		15	0	18.88	18.90	18.79	20
	64QAM	1	0	19.74	19.85	19.81	21
		1	7	19.70	19.68	19.77	21
		1	14	19.82	20.08	19.83	21
		8	0	18.61	18.82	18.91	20
		8	3	18.83	18.68	18.89	20
		8	7	18.91	18.88	18.89	20
		15	0	18.71	18.81	18.66	20
	256QAM	1	0	17.30	17.56	17.44	18
		1	7	17.30	17.42	17.47	18
		1	14	17.47	17.67	17.45	18
		8	0	16.17	16.39	16.36	17
		8	3	16.29	16.42	16.45	17
		8	7	16.17	16.33	16.35	17
		15	0	16.20	16.38	16.36	17
BW	MCS Index	Channel		131979	132322	132665	Max. Tune-up
		Frequence (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	20.05	20.19	20.16	21
		1	2	20.25	20.28	20.17	21
		1	5	20.05	20.13	20.12	21
		3	0	20.15	20.17	20.08	21
		3	1	20.13	20.22	20.08	21
		3	3	20.19	20.31	20.17	21
		6	0	20.13	20.24	20.10	21
	16QAM	1	0	20.38	20.45	20.43	21
		1	2	20.16	20.28	20.14	21
		1	5	20.12	20.27	20.17	21
		3	0	20.23	20.32	20.17	21
		3	1	20.24	20.34	20.33	21
		3	3	20.16	20.25	20.10	21
		6	0	20.09	20.14	20.08	21
	64QAM	1	0	20.29	20.35	20.24	21
		1	2	20.24	20.29	20.26	21
		1	5	20.17	20.19	20.10	21
		3	0	20.14	20.21	20.20	21
		3	1	20.15	20.25	20.12	21
		3	3	20.17	20.24	20.17	21
		6	0	19.29	19.37	19.28	20
	256QAM	1	0	17.57	17.69	17.62	18
		1	2	17.49	17.58	17.46	18
		1	5	17.49	17.61	17.47	18
		3	0	17.39	17.44	17.32	18
		3	1	17.56	17.59	17.47	18
		3	3	17.54	17.58	17.43	18
		6	0	17.19	17.24	17.17	18

Full Power Ant0

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	24.04	23.93	24.01	24.5
		1	53	23.90	24.01	23.50	24.5
		1	104	23.94	24.07	23.48	24.5
		50	0	23.60	23.63	23.46	24.5
		50	28	24.03	24.11	24.04	24.5
		50	56	23.48	23.52	23.60	24.5
		100	0	23.53	23.62	23.32	24.5
	DFT-s-OFDM QPSK	1	1	24.15	24.03	24.06	24.5
		1	53	23.88	23.61	23.47	24.5
		1	104	23.82	23.83	23.39	24.5
		50	0	23.06	23.12	23.05	24.5
		50	28	24.14	24.09	23.86	24.5
		50	56	23.05	23.08	23.09	24
		100	0	23.08	23.05	23.03	24
	DFT-s-OFDM 16QAM	1	1	23.34	23.33	23.38	23.7
	DFT-s-OFDM 64QAM	1	1	21.13	21.30	21.44	22.2
	DFT-s-OFDM 256QAM	1	1	19.35	19.23	19.31	20.2
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	24.03	23.92	23.88	24.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	24.08	23.92	23.93	24.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	24.05	24.01	23.93	24.5

Full Power Ant0

n5 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		166800	167300	167800	
		Frequence (MHz)		834	836.5	839	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.98	24.03	23.92	24.5
		1	53	23.82	23.88	23.87	24.5
		1	104	23.80	23.69	23.58	24.5
		50	0	23.45	23.45	23.44	24.5
		50	28	23.90	23.92	23.91	24.5
		50	56	23.37	23.39	23.32	24.5
		100	0	23.47	23.56	23.40	24.5
	DFT-s-OFDM QPSK	1	1	23.94	24.05	23.86	24.5
		1	53	23.76	23.92	23.71	24.5
		1	104	23.63	23.69	23.50	24.5
		50	0	22.89	23.00	22.95	24
		50	28	23.95	23.96	23.92	24.5
		50	56	22.85	22.80	22.81	24
		100	0	22.95	22.96	22.93	24
	DFT-s-OFDM 16QAM	1	1	23.38	23.39	23.33	23.7
	DFT-s-OFDM 64QAM	1	1	21.26	21.36	21.22	22.2
	DFT-s-OFDM 256QAM	1	1	19.30	19.36	19.21	20.2
BW	MCS Index	Channel		166300	167300	168300	Max. Tune-up
		Frequence (MHz)		831.5	836.5	841.5	
15M	DFT-s-OFDM QPSK	1	1	23.93	23.97	23.75	24.5
BW	MCS Index	Channel		165800	167300	168800	Max. Tune-up
		Frequence (MHz)		829	836.5	844	
10M	DFT-s-OFDM QPSK	1	1	23.90	24.03	23.77	24.5
BW	MCS Index	Channel		165300	167300	169300	Max. Tune-up
		Frequence (MHz)		826.5	836.5	846.5	
5M	DFT-s-OFDM QPSK	1	1	23.85	23.92	23.84	24.5

Full Power (Ant0)

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	22.92	23.12	23.04	23.7
		1	53	23.11	23.11	23.10	23.7
		1	104	23.08	23.10	23.02	23.7
		50	0	22.85	23.03	22.92	23.7
		50	28	23.03	23.04	22.90	23.7
		50	56	23.07	22.94	22.89	23.7
		100	0	23.10	23.12	23.07	23.7
	DFT-s-OFDM QPSK	1	1	23.15	23.19	23.09	23.7
		1	53	23.11	23.15	23.06	23.7
		1	104	23.12	23.11	23.01	23.7
		50	0	22.98	22.99	22.97	23.7
		50	28	22.92	22.92	22.95	23.7
		50	56	22.97	22.85	22.88	23.7
		100	0	23.11	23.15	23.05	23.7
	DFT-s-OFDM 16QAM	1	1	22.44	22.66	22.58	23.7
	DFT-s-OFDM 64QAM	1	1	20.97	21.13	21.09	22.2
	DFT-s-OFDM 256QAM	1	1	19.22	19.32	19.23	20.2
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	22.98	23.10	23.02	23.7
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	22.85	23.09	23.00	23.7
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	22.83	22.95	22.92	23.7

Full Power Ant0

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	24.08	23.89	23.90	24.5
		1	53	24.11	23.94	23.86	24.5
		1	104	23.95	23.91	23.40	24.5
		50	0	23.72	23.50	23.46	24.5
		50	28	24.07	23.95	24.12	24.5
		50	56	23.65	23.56	23.55	24.5
		100	0	23.67	23.53	23.69	24.5
	DFT-s-OFDM QPSK	1	1	24.16	23.97	23.96	24.5
		1	53	23.93	23.73	23.86	24.5
		1	104	23.97	23.42	23.56	24.5
		50	0	23.29	23.11	23.21	24
		50	28	24.12	24.08	24.07	24.5
		50	56	23.20	23.09	23.30	24
		100	0	23.28	23.13	23.18	24
	DFT-s-OFDM 16QAM	1	1	23.53	23.36	22.86	24
	DFT-s-OFDM 64QAM	1	1	21.44	21.22	21.24	22.2
	DFT-s-OFDM 256QAM	1	1	19.49	19.34	19.36	20.2
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	24.09	23.93	23.94	24.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	24.13	23.96	23.81	24.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	24.08	23.92	23.92	24.5

Full Power Ant2

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	23.85	23.99	23.86	24.5
		1	53	23.96	23.88	23.85	24.5
		1	104	23.97	23.93	23.95	24.5
		50	0	23.35	23.52	23.49	24.5
		50	28	24.01	24.04	23.90	24.5
		50	56	23.43	23.51	23.43	24.5
		100	0	23.52	23.58	23.41	24.5
	DFT-s-OFDM QPSK	1	1	23.85	24.08	23.87	24.5
		1	53	23.81	23.89	23.77	24.5
		1	104	23.79	23.85	23.84	24.5
		50	0	22.91	23.03	22.98	23.7
		50	28	23.97	23.99	23.94	24.5
		50	56	22.95	23.09	22.91	23.7
		100	0	22.93	23.04	22.89	23.7
	DFT-s-OFDM 16QAM	1	1	22.81	22.98	22.94	23.7
	DFT-s-OFDM 64QAM	1	1	20.92	21.18	20.87	22.2
	DFT-s-OFDM 256QAM	1	1	19.15	19.27	19.17	20.2
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	23.76	23.92	23.86	24.5
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	23.83	24.00	23.74	24.5

Full Power Ant0

n40 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		463000	470000	477000	
		Frequence (MHz)		2315	2350	2385	
30M	DFT-s-OFDM Pi/2 BPSK	1	1	23.17	23.27	23.25	23.7
		1	39	22.92	23.18	22.92	23.7
		1	76	22.98	23.33	22.93	23.7
		36	0	23.04	23.27	23.10	23.7
		36	21	22.93	23.30	22.96	23.7
		36	42	23.01	23.36	22.87	23.7
		75	0	23.03	23.28	23.04	23.7
	DFT-s-OFDM QPSK	1	1	23.05	23.37	23.09	23.7
		1	39	22.85	23.13	22.83	23.7
		1	76	23.02	23.11	23.02	23.7
		36	0	23.04	23.33	23.08	23.7
		36	21	22.88	23.30	22.98	23.7
		36	42	22.95	23.32	22.87	23.7
		75	0	22.97	23.31	23.04	23.7
	DFT-s-OFDM 16QAM	1	1	22.91	23.13	23.02	23.7
	DFT-s-OFDM 64QAM	1	1	21.21	21.44	21.25	22.2
	DFT-s-OFDM 256QAM	1	1	19.32	19.49	19.60	20.2
BW	MCS Index	Channel		462000	470000	478000	Max. Tune-up
		Frequence (MHz)		2310	2350	2390	
20M	DFT-s-OFDM QPSK	1	1	22.94	23.19	22.88	23.7

Full Power Ant2

PC3_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.79	22.58	22.86	23.7
		1	137	22.71	22.63	22.72	23.7
		1	271	22.85	22.56	22.83	23.7
		135	0	22.72	22.63	22.62	23.7
		135	69	22.91	22.88	22.86	23.7
		135	138	22.89	22.79	22.76	23.7
		270	0	22.87	22.86	22.85	23.7
	DFT-s-OFDM QPSK	1	1	22.91	22.75	22.95	23.7
		1	137	22.89	22.71	22.73	23.7
		1	271	22.87	22.73	22.91	23.7
		135	0	22.93	22.72	22.94	23.7
		135	69	22.92	22.71	22.84	23.7
		135	138	22.85	22.68	22.83	23.7
		270	0	22.87	22.66	22.89	23.7
	DFT-s-OFDM 16QAM	1	1	22.66	22.58	22.59	23.7
	DFT-s-OFDM 64QAM	1	1	22.32	22.24	22.21	23.7
	DFT-s-OFDM 256QAM	1	1	20.98	20.90	20.92	22.2
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	22.77	22.65	22.81	23.7
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	22.90	22.60	22.85	23.7
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	22.87	22.66	22.81	23.7
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	22.82	22.60	22.94	23.7
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	22.89	22.74	22.85	23.7
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	22.83	22.70	22.87	23.7
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	22.82	22.73	22.83	23.7

Full Power Ant2

PC2_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.77	25.73	25.78	26
		1	137	25.71	25.33	25.74	26
		1	271	25.76	25.72	24.32	26
		135	0	24.89	25.25	24.82	26
		135	69	25.64	25.36	25.55	26
		135	138	25.12	24.80	25.00	26
		270	0	25.11	24.75	24.78	26
	DFT-s-OFDM QPSK	1	1	25.75	25.68	25.82	26
		1	137	25.74	25.49	25.78	26
		1	271	25.71	25.65	25.01	26
		135	0	24.91	25.22	24.81	26
		135	69	25.62	25.34	25.68	26
		135	138	25.16	24.79	24.96	26
		270	0	25.01	24.92	25.06	26
	DFT-s-OFDM 16QAM	1	1	24.54	24.62	24.58	26
	DFT-s-OFDM 64QAM	1	1	22.99	22.82	22.93	23.5
	DFT-s-OFDM 256QAM	1	1	21.13	21.25	21.07	22
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	25.67	25.56	25.72	26
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	25.63	25.66	25.75	26
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	25.71	25.61	25.69	26
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	25.64	25.55	25.70	26
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	25.64	25.67	25.70	26
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	25.61	25.57	25.68	26
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	25.73	25.61	25.78	26

Full Power Ant5_PC3

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequence (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	19.46	20.97	19.68	21
		1	104	19.26	20.94	19.68	21
		50	28	19.30	20.60	19.20	21
		100	0	19.30	20.74	19.31	21
	DFT-s-OFDM QPSK	1	1	19.46	20.15	19.72	21
		1	104	19.31	20.97	19.63	21
		50	28	19.23	20.63	19.58	21
		100	0	19.33	20.74	19.33	21
	DFT-s-OFDM 16QAM	1	1	18.08	19.08	18.30	20
	DFT-s-OFDM 64QAM	1	1	17.13	18.08	17.86	19
	DFT-s-OFDM 256QAM	1	1	15.14	16.06	15.79	17
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	21.79	21.62	22.00	22.5
		1	49	21.52	21.51	21.88	22.5
		25	12	21.64	21.66	22.05	22.5
		50	0	21.64	21.65	22.02	22.5
	DFT-s-OFDM QPSK	1	1	21.73	21.62	22.01	22.5
		1	49	21.52	21.51	21.93	22.5
		25	12	21.67	21.61	22.06	22.5
		50	0	21.69	21.69	22.00	22.5
	DFT-s-OFDM 16QAM	1	1	21.72	21.59	21.99	23
	DFT-s-OFDM 64QAM	1	1	20.37	21.41	21.70	22
	DFT-s-OFDM 256QAM	1	1	20.34	21.35	21.71	22
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98	
10M	DFT-s-OFDM Pi/2 BPSK	1	1	21.95	21.82	22.09	22.5
		1	22	21.87	21.75	22.02	22.5
		12	6	21.77	21.69	21.91	22.5
		24	0	21.05	21.68	21.97	22.5
	DFT-s-OFDM QPSK	1	1	21.97	21.82	22.10	22.5
		1	22	21.98	21.83	22.04	22.5
		12	6	21.79	21.71	21.95	22.5
		24	0	21.06	21.73	22.01	22.5
	DFT-s-OFDM 16QAM	1	1	21.80	21.78	22.01	23
	DFT-s-OFDM 64QAM	1	1	20.57	21.57	21.64	22
	DFT-s-OFDM 256QAM	1	1	20.48	21.52	21.59	22

Full Power Ant5_PC2

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequence (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM Pi/2 BPSK	1	1	19.71	21.30	19.97	21
		1	104	19.51	21.22	20.06	21
		50	28	19.59	20.98	19.49	21
		100	0	19.64	21.05	19.61	21
	DFT-s-OFDM QPSK	1	1	19.84	20.47	20.10	21
		1	104	19.60	21.30	19.89	21
		50	28	19.62	20.94	19.88	21
		100	0	19.70	21.11	19.60	21
	DFT-s-OFDM 16QAM	1	1	18.45	19.36	18.66	20
	DFT-s-OFDM 64QAM	1	1	17.46	18.34	18.12	19
	DFT-s-OFDM 256QAM	1	1	15.39	16.34	16.17	17
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	21.79	21.67	22.03	22.5
		1	49	21.55	21.55	21.89	22.5
		25	12	21.66	21.68	22.10	22.5
		50	0	21.67	21.69	22.05	22.5
	DFT-s-OFDM QPSK	1	1	21.74	21.66	22.04	22.5
		1	49	21.53	21.53	21.93	22.5
		25	12	21.68	21.62	22.06	22.5
		50	0	21.69	21.70	22.03	22.5
	DFT-s-OFDM 16QAM	1	1	21.76	21.62	22.03	23
	DFT-s-OFDM 64QAM	1	1	20.42	21.43	21.72	22
	DFT-s-OFDM 256QAM	1	1	20.35	21.38	21.74	22
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98	
10M	DFT-s-OFDM Pi/2 BPSK	1	1	21.74	22.01	22.08	22.5
		1	22	21.35	22.05	21.72	22.5
		12	6	21.31	21.58	21.53	22.5
		24	0	21.08	21.24	21.57	22.5
	DFT-s-OFDM QPSK	1	1	21.78	22.10	21.89	22.5
		1	22	21.22	22.09	22.08	22.5
		12	6	21.30	21.55	21.75	22.5
		24	0	21.31	21.49	21.55	22.5
	DFT-s-OFDM 16QAM	1	1	21.19	21.86	21.84	23
	DFT-s-OFDM 64QAM	1	1	20.62	21.32	21.24	22
	DFT-s-OFDM 256QAM	1	1	20.15	21.16	21.27	22

Full Power Ant0

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		344000	349000	354000	
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	23.80	24.12	24.15	24.5
		1	53	23.91	24.27	24.05	24.5
		1	104	24.08	24.24	24.12	24.5
		50	0	23.34	23.80	23.06	24.5
		50	28	23.86	24.24	23.45	24.5
		50	56	23.53	23.78	23.54	24.5
		100	0	23.42	23.71	23.64	24.5
	DFT-s-OFDM QPSK	1	1	24.03	24.29	24.15	24.5
		1	53	23.68	24.21	23.94	24.5
		1	104	23.98	24.27	23.91	24.5
		50	0	23.17	23.29	23.23	24.5
		50	28	23.90	24.25	24.17	24.5
		50	56	23.06	23.43	23.09	23.7
		100	0	22.97	23.29	23.17	23.7
	DFT-s-OFDM 16QAM	1	1	23.24	23.53	23.00	23.7
	DFT-s-OFDM 64QAM	1	1	21.10	21.57	21.46	22.2
	DFT-s-OFDM 256QAM	1	1	19.07	19.37	19.42	20.2
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	24.02	24.23	24.09	24.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	23.90	24.18	24.04	24.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	23.88	24.22	24.06	24.5

Full Power Ant0

n71 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134600	136100	137600	
		Frequence (MHz)		673	680.5	688	
20M	DFT-s-OFDM Pi/2 BPSK	1	1	24.06	23.83	23.99	24.5
		1	53	23.96	24.04	24.05	24.5
		1	104	23.94	23.80	23.83	24.5
		50	0	23.11	23.53	23.51	24.5
		50	28	23.88	24.02	23.93	24.5
		50	56	23.28	23.41	23.50	24.5
		100	0	23.57	23.55	23.48	24.5
	DFT-s-OFDM QPSK	1	1	24.07	23.89	23.96	24.5
		1	53	23.71	23.87	23.88	24.5
		1	104	23.78	23.69	23.76	24.5
		50	0	23.11	23.03	23.09	24.5
		50	28	24.04	24.01	23.96	24.5
		50	56	23.06	22.97	22.98	23.7
		100	0	23.12	23.10	22.95	23.7
	DFT-s-OFDM 16QAM	1	1	23.48	23.34	23.29	23.7
	DFT-s-OFDM 64QAM	1	1	21.37	21.17	21.21	22.2
	DFT-s-OFDM 256QAM	1	1	19.49	19.21	19.33	20.2
BW	MCS Index	Channel		134100	136100	138100	Max. Tune-up
		Frequence (MHz)		670.5	680.5	690.5	
15M	DFT-s-OFDM QPSK	1	1	24.05	23.81	23.89	24.5
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up
		Frequence (MHz)		668	680.5	693	
10M	DFT-s-OFDM QPSK	1	1	24.02	23.74	23.87	24.5
BW	MCS Index	Channel		133100	136100	139100	Max. Tune-up
		Frequence (MHz)		665.5	680.5	695.5	
5M	DFT-s-OFDM QPSK	1	1	23.98	23.81	23.89	24.5

Full Power Ant5

PC3_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		22.76		23.7
		1	137		22.09		23.7
		1	271		22.75		23.7
		135	0		22.66		23.7
		135	69		22.22		23.7
		135	138		22.32		23.7
		270	0		22.51		23.7
	DFT-s-OFDM QPSK	1	1		22.93		23.7
		1	137		22.34		23.7
		1	271		22.75		23.7
		135	0		22.51		23.7
		135	69		22.27		23.7
		135	138		22.54		23.7
		270	0		22.49		23.7
	DFT-s-OFDM 16QAM	1	1		22.21		23.7
	DFT-s-OFDM 64QAM	1	1		21.11		22.2
	DFT-s-OFDM 256QAM	1	1		19.50		20.2
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	22.73	22.77	22.82	23.7
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	22.86	22.69	22.88	23.7
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	22.79	22.73	22.84	23.7
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	22.91	22.66	22.85	23.7
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.88	22.63	22.87	23.7

Full Power Ant5

PC3_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	22.24	22.38	22.53	23.7
		1	137	22.53	22.60	22.50	23.7
		1	271	22.78	22.59	21.98	23.7
		135	0	22.45	22.54	22.53	23.7
		135	69	22.65	22.60	22.46	23.7
		135	138	22.61	22.48	22.27	23.7
		270	0	22.56	22.54	22.35	23.2
	DFT-s-OFDM QPSK	1	1	22.14	22.31	22.39	23.7
		1	137	22.88	22.58	22.56	23.7
		1	271	22.74	22.55	22.41	23.7
		135	0	22.42	22.51	22.49	23.7
		135	69	22.57	22.57	22.42	23.7
		135	138	22.66	22.59	22.53	23.7
		270	0	22.53	22.49	22.39	23.7
	DFT-s-OFDM 16QAM	1	137	22.61	22.52	22.45	23.7
	DFT-s-OFDM 64QAM	1	137	22.57	22.46	22.53	22.64
	DFT-s-OFDM 256QAM	1	137	20.36	20.68	20.52	21.2
BW	MCS Index	Channel		650000	656000	662666	Max. Tune-up
		Frequence (MHz)		3750	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	109	22.76	22.56	22.46	23.7
BW	MCS Index	Channel		650000	656000	663332	Max. Tune-up
		Frequence (MHz)		3750	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	81	22.69	22.66	22.57	23.7
BW	MCS Index	Channel		650000	656000	664000	Max. Tune-up
		Frequence (MHz)		3750	3840	3960	
40M	DFT-s-OFDM QPSK	1	53	22.81	22.53	22.51	23.7
BW	MCS Index	Channel		650000	656000	664332	Max. Tune-up
		Frequence (MHz)		3750	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	39	22.69	22.64	22.56	23.7
BW	MCS Index	Channel		650000	656000	664666	Max. Tune-up
		Frequence (MHz)		3750	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	26	22.70	22.53	22.50	23.7

Full Power Ant5

PC2_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		25.38		26
		1	137		25.41		26
		1	271		25.48		26
		135	0		24.99		26
		135	69		25.49		26
		135	138		24.96		26
		270	0		24.92		26
	DFT-s-OFDM QPSK	1	1		25.52		26
		1	137		25.42		26
		1	271		25.39		26
		135	0		24.46		26
		135	69		25.45		26
		135	138		24.49		26
		270	0		24.52		25
	DFT-s-OFDM 16QAM	1	1		23.81		25
	DFT-s-OFDM 64QAM	1	1		21.73		23.5
	DFT-s-OFDM 256QAM	1	1		20.81		21.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	24.83	24.88	24.55	26.0
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	24.79	24.81	24.44	26.0
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	24.75	24.84	24.47	26.0
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	24.78	24.77	24.43	26.0
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	24.75	24.80	24.47	26.0

Full Power Ant5

PC2_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM Pi/2 BPSK	1	1	25.77	25.73	25.78	26
		1	137	25.71	25.33	25.74	26
		1	271	25.76	25.72	24.32	26
		135	0	24.89	25.25	24.82	26
		135	69	25.64	25.36	25.55	26
		135	138	25.12	24.80	25.00	26
		270	0	25.11	24.75	24.78	26
	DFT-s-OFDM QPSK	1	1	25.75	25.68	25.82	26
		1	137	25.74	25.49	25.78	26
		1	271	25.71	25.65	25.01	26
		135	0	24.91	25.22	24.81	26
		135	69	25.62	25.34	25.68	26
		135	138	25.16	24.79	24.96	26
		270	0	24.96	24.92	24.97	26
	DFT-s-OFDM 16QAM	1	1	24.54	24.62	24.58	26
	DFT-s-OFDM 64QAM	1	1	22.99	22.82	22.93	23.5
	DFT-s-OFDM 256QAM	1	1	21.13	21.25	21.07	21.5
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	25.07	25.62	25.26	26
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	25.19	25.51	25.34	26
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	25.08	25.54	25.30	26
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	25.08	25.58	25.26	26
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	25.11	25.60	25.33	26

Full Power Ant5

PC3_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		22.62		23.7
		1	137		22.14		23.7
		1	271		22.61		23.7
		135	0		22.58		23.7
		135	69		22.32		23.7
		135	138		22.37		23.7
		270	0		22.51		23.7
	DFT-s-OFDM QPSK	1	1		22.71		23.7
		1	137		22.09		23.7
		1	271		22.63		23.7
		135	0		22.61		23.7
		135	69		22.30		23.7
		135	138		22.37		23.7
		270	0		22.57		23.7
	DFT-s-OFDM 16QAM	1	1		22.53		23.7
	DFT-s-OFDM 64QAM	1	1		21.97		23.7
	DFT-s-OFDM 256QAM	1	1		21.14		22.2
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	22.65	22.66	22.57	23.7
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	22.61	22.51	22.46	23.7
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	22.60	22.60	22.53	23.7
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	22.56	22.57	22.56	23.7
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	22.58	22.64	22.44	23.7
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	22.59	22.56	22.50	23.7
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	22.55	22.56	22.46	23.7

Full Power Ant5

PC2_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM Pi/2 BPSK	1	1		24.65		25.5
		1	137		23.63		25.5
		1	271		24.59		25.5
		135	0		23.77		25.5
		135	69		23.87		25.5
		135	138		23.75		25.5
		270	0		23.84		25.5
	DFT-s-OFDM QPSK	1	1		24.67		25.5
		1	137		23.56		25.5
		1	271		24.61		25.5
		135	0		23.88		25.5
		135	69		23.80		25.5
		135	138		23.79		25.5
		270	0		23.46		25
	DFT-s-OFDM 16QAM	1	1		22.85		23.7
	DFT-s-OFDM 64QAM	1	1		21.06		22.7
	DFT-s-OFDM 256QAM	1	1		20.17		21.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	24.39	24.66	24.28	25.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	24.29	24.59	24.13	25.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	24.31	24.64	24.20	25.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	24.28	24.64	24.13	25.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	24.38	24.55	24.19	25.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	24.29	24.59	24.19	25.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	24.25	24.64	24.17	25.5

Full Power Ant2

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.93	23.91	23.89	24.5
		1	53	23.82	23.99	23.46	24.5
		1	104	23.79	24.01	23.41	24.5
		50	0	23.47	23.53	23.37	24.5
		50	28	23.89	23.98	23.96	24.5
		50	56	23.43	23.43	23.50	24.5
		100	0	23.41	23.56	23.28	24.5
	DFT-s-OFDM QPSK	1	1	24.06	23.95	23.98	24.5
		1	53	23.77	23.48	23.45	24.5
		1	104	23.71	23.69	23.37	24.5
		50	0	23.04	23.05	23.02	24.5
		50	28	24.01	23.97	23.85	24.5
		50	56	22.91	23.01	23.01	24
		100	0	23.05	23.03	22.94	24
	DFT-s-OFDM 16QAM	1	1	23.29	23.27	23.23	23.7
	DFT-s-OFDM 64QAM	1	1	21.09	21.16	21.29	22.2
	DFT-s-OFDM 256QAM	1	1	19.22	19.19	19.28	20.2
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	23.99	23.94	23.94	24.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	23.97	23.85	23.89	24.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	24.04	23.83	23.86	24.5

Full Power Ant2

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.93	23.76	23.87	24.5
		1	53	24.06	23.93	23.71	24.5
		1	104	23.80	23.83	23.28	24.5
		50	0	23.71	23.42	23.41	24.5
		50	28	23.98	23.92	24.02	24.5
		50	56	23.60	23.54	23.44	24.5
		100	0	23.53	23.38	23.66	24.5
	DFT-s-OFDM QPSK	1	1	24.13	23.83	23.92	24.5
		1	53	23.92	23.63	23.80	24.5
		1	104	23.91	23.41	23.50	24.5
		50	0	23.23	22.96	23.07	24
		50	28	24.03	23.94	24.02	24.5
		50	56	23.19	22.95	23.18	24
		100	0	23.23	23.09	23.07	24
	DFT-s-OFDM 16QAM	1	1	23.41	23.33	22.71	24
	DFT-s-OFDM 64QAM	1	1	21.41	21.14	21.23	22.2
	DFT-s-OFDM 256QAM	1	1	19.39	19.26	19.33	20.2
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	24.08	23.79	23.80	24.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	24.11	23.68	23.85	24.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	24.13	23.81	23.79	24.5

Full Power Ant2

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		344000	349000	354000	
		Frequence (MHz)		1720	1745	1770	
20M	DFT-s-OFDM PI/2 BPSK	1	1	23.68	24.06	24.05	24.5
		1	53	23.84	24.14	23.98	24.5
		1	104	23.94	24.13	24.02	24.5
		50	0	23.33	23.75	23.03	24.5
		50	28	23.71	24.15	23.35	24.5
		50	56	23.50	23.77	23.47	24.5
		100	0	23.32	23.66	23.52	24.5
	DFT-s-OFDM QPSK	1	1	23.95	24.16	24.00	24.5
		1	53	23.56	24.14	23.87	24.5
		1	104	23.94	24.12	23.84	24.5
		50	0	23.12	23.28	23.19	24.5
		50	28	23.80	24.11	24.13	24.5
		50	56	22.94	23.40	22.99	23.7
		100	0	22.82	23.21	23.12	23.7
	DFT-s-OFDM 16QAM	1	1	23.23	23.43	22.87	23.7
	DFT-s-OFDM 64QAM	1	1	21.03	21.55	21.34	22.2
	DFT-s-OFDM 256QAM	1	1	18.95	19.26	19.33	20.2
BW	MCS Index	Channel		343500	349000	354500	Max. Tune-up
		Frequence (MHz)		1717.5	1745	1772.5	
15M	DFT-s-OFDM QPSK	1	1	23.83	24.01	23.98	24.5
BW	MCS Index	Channel		343000	349000	355000	Max. Tune-up
		Frequence (MHz)		1715	1745	1775	
10M	DFT-s-OFDM QPSK	1	1	23.93	24.15	23.86	24.5
BW	MCS Index	Channel		342500	349000	355500	Max. Tune-up
		Frequence (MHz)		1712.5	1745	1777.5	
5M	DFT-s-OFDM QPSK	1	1	23.93	24.06	23.88	24.5

Full Power Ant2

n71 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		134600	136100	137600	
		Frequence (MHz)		673	680.5	688	
20M	DFT-s-OFDM PI/2 BPSK	1	1	24.00	23.73	23.86	24.5
		1	53	23.84	23.90	23.97	24.5
		1	104	23.92	23.74	23.74	24.5
		50	0	22.98	23.48	23.44	24.5
		50	28	23.86	24.01	23.83	24.5
		50	56	23.21	23.40	23.44	24.5
		100	0	23.48	23.47	23.35	24.5
	DFT-s-OFDM QPSK	1	1	24.02	23.86	23.81	24.5
		1	53	23.60	23.82	23.76	24.5
		1	104	23.73	23.62	23.61	24.5
		50	0	23.07	22.93	22.98	24.5
		50	28	23.98	23.94	23.83	24.5
		50	56	22.98	22.88	22.90	23.7
		100	0	22.99	22.95	22.89	23.7
	DFT-s-OFDM 16QAM	1	1	23.39	23.27	23.20	23.7
	DFT-s-OFDM 64QAM	1	1	21.27	21.10	21.06	22.2
	DFT-s-OFDM 256QAM	1	1	19.48	19.16	19.20	20.2
BW	MCS Index	Channel		134100	136100	138100	Max. Tune-up
		Frequence (MHz)		670.5	680.5	690.5	
15M	DFT-s-OFDM QPSK	1	1	24.00	23.74	23.75	24.5
BW	MCS Index	Channel		133600	136100	138600	Max. Tune-up
		Frequence (MHz)		668	680.5	693	
10M	DFT-s-OFDM QPSK	1	1	23.98	23.74	23.66	24.5
BW	MCS Index	Channel		133100	136100	139100	Max. Tune-up
		Frequence (MHz)		665.5	680.5	695.5	
5M	DFT-s-OFDM QPSK	1	1	23.94	23.85	23.77	24.5

Reduce Power Ant0 DSI1

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	22.72	22.52	22.65	23.5
		1	53	22.53	22.64	22.11	23.5
		1	104	22.51	22.76	22.11	23.5
		50	0	22.30	22.31	22.13	23.5
		50	28	22.74	22.71	22.68	23.5
		50	56	22.09	22.10	22.30	23.5
		100	0	22.12	22.27	21.97	23.5
	DFT-s-OFDM QPSK	1	1	22.80	22.66	22.76	23.5
		1	53	22.47	22.22	22.13	23.5
		1	104	22.51	22.46	22.02	23.5
		50	0	21.64	21.76	21.63	23.5
		50	28	22.79	22.68	22.50	23.5
		50	56	21.76	21.70	21.72	23.5
		100	0	21.73	21.62	21.67	23.5
	DFT-s-OFDM 16QAM	1	1	22.77	22.63	22.64	23.5
	DFT-s-OFDM 64QAM	1	1	20.33	20.50	20.61	23.5
	DFT-s-OFDM 256QAM	1	1	18.60	18.44	18.57	23.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	22.66	22.52	22.74	23.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	22.79	22.52	22.71	23.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	22.72	22.60	22.63	23.5

Reduce Power Ant2 DSI1

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	19.77	19.65	19.71	20.5
		1	53	19.63	19.83	19.25	20.5
		1	104	19.54	19.81	19.21	20.5
		50	0	19.29	19.31	19.16	20.5
		50	28	19.74	19.75	19.69	20.5
		50	56	19.18	19.18	19.26	20.5
		100	0	19.27	19.38	19.14	20.5
	DFT-s-OFDM QPSK	1	1	19.87	19.80	19.85	20.5
		1	53	19.53	19.22	19.29	20.5
		1	104	19.54	19.46	19.22	20.5
		50	0	18.91	18.86	18.82	20.5
		50	28	19.83	19.71	19.65	20.5
		50	56	18.75	18.75	18.76	20.5
		100	0	18.92	18.86	18.71	20.5
	DFT-s-OFDM 16QAM	1	1	19.73	19.77	19.76	20.5
	DFT-s-OFDM 64QAM	1	1	19.84	19.72	19.82	20.5
	DFT-s-OFDM 256QAM	1	1	19.21	19.10	19.18	20.5
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	19.72	19.78	19.74	20.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	19.79	19.74	19.75	20.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	19.86	19.66	19.77	20.5

Reduce Power Ant0 DSI1

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM PI/2 BPSK	1	1	22.71	22.63	22.75	23.5
		1	53	22.56	22.66	22.10	23.5
		1	104	22.60	22.80	22.18	23.5
		50	0	22.39	22.34	22.23	23.5
		50	28	22.85	22.79	22.77	23.5
		50	56	22.12	22.19	22.27	23.5
		100	0	22.19	22.28	21.98	23.5
	DFT-s-OFDM QPSK	1	1	22.97	22.66	22.73	23.5
		1	53	22.54	22.32	22.18	23.5
		1	104	22.58	22.48	22.03	23.5
		50	0	21.61	21.80	21.63	23.5
		50	28	22.88	22.66	22.50	23.5
		50	56	21.87	21.79	21.76	23.5
		100	0	21.77	21.73	21.71	23.5
	DFT-s-OFDM 16QAM	1	1	22.82	22.60	22.72	23.5
	DFT-s-OFDM 64QAM	1	1	20.44	20.47	20.67	23.5
	DFT-s-OFDM 256QAM	1	1	18.70	18.44	18.59	23.5
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	22.86	22.65	22.68	23.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	22.93	22.64	22.64	23.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	22.85	22.65	22.62	23.5

Reduce Power Ant2 DSI1

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM PI/2 BPSK	1	1	19.77	19.53	19.68	20.5
		1	53	19.88	19.69	19.48	20.5
		1	104	19.66	19.69	19.05	20.5
		50	0	19.61	19.24	19.22	20.5
		50	28	19.83	19.82	19.83	20.5
		50	56	19.38	19.38	19.22	20.5
		100	0	19.34	19.27	19.44	20.5
	DFT-s-OFDM QPSK	1	1	19.93	19.72	19.73	20.5
		1	53	19.68	19.50	19.58	20.5
		1	104	19.75	19.18	19.30	20.5
		50	0	19.13	18.78	18.85	20.5
		50	28	19.85	19.79	19.84	20.5
		50	56	18.96	18.81	18.96	20.5
		100	0	19.02	18.89	18.86	20.5
	DFT-s-OFDM 16QAM	1	1	19.81	19.66	19.59	20.5
	DFT-s-OFDM 64QAM	1	1	19.78	19.65	19.68	20.5
	DFT-s-OFDM 256QAM	1	1	19.29	19.24	19.20	20.5
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	19.82	19.70	19.58	20.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	19.84	19.64	19.58	20.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	19.83	19.66	19.60	20.5

Reduce Power Ant2 DSI1

PC3_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	19.68	19.35	19.73	20.5
		1	137	19.59	19.51	19.62	20.5
		1	271	19.76	19.34	19.68	20.5
		135	0	19.49	19.43	19.46	20.5
		135	69	19.68	19.67	19.69	20.5
		135	138	19.69	19.70	19.62	20.5
		270	0	19.64	19.72	19.70	20.5
	DFT-s-OFDM QPSK	1	1	19.77	19.53	19.83	20.5
		1	137	19.68	19.51	19.54	20.5
		1	271	19.75	19.52	19.71	20.5
		135	0	19.78	19.59	19.80	20.5
		135	69	19.73	19.57	19.71	20.5
		135	138	19.72	19.56	19.73	20.5
		270	0	19.67	19.49	19.78	20.5
	DFT-s-OFDM 16QAM	1	1	19.68	19.50	19.81	20.5
	DFT-s-OFDM 64QAM	1	1	19.71	19.49	19.73	20.5
	DFT-s-OFDM 256QAM	1	1	19.46	19.34	19.40	20.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.64	19.46	19.81	20.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.69	19.50	19.78	20.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.76	19.47	19.71	20.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.64	19.50	19.70	20.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.74	19.38	19.73	20.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.67	19.38	19.68	20.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.67	19.39	19.75	20.5

Reduce Power Ant2 DSI1

PC2_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	19.77	19.43	19.70	20.5
		1	137	19.55	19.53	19.59	20.5
		1	271	19.83	19.38	19.69	20.5
		135	0	19.50	19.44	19.55	20.5
		135	69	19.71	19.65	19.68	20.5
		135	138	19.70	19.78	19.68	20.5
		270	0	19.74	19.74	19.79	20.5
	DFT-s-OFDM QPSK	1	1	19.79	19.59	19.96	20.5
		1	137	19.76	19.53	19.52	20.5
		1	271	19.73	19.56	19.76	20.5
		135	0	19.86	19.68	19.79	20.5
		135	69	19.75	19.60	19.69	20.5
		135	138	19.81	19.58	19.72	20.5
		270	0	19.73	19.54	19.85	20.5
	DFT-s-OFDM 16QAM	1	1	19.64	19.53	19.82	20.5
	DFT-s-OFDM 64QAM	1	1	19.79	19.52	19.78	20.5
	DFT-s-OFDM 256QAM	1	1	19.56	19.37	19.39	20.5
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	19.72	19.58	19.89	20.5
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	19.71	19.45	19.87	20.5
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	19.71	19.55	19.88	20.5
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	19.68	19.51	19.93	20.5
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	19.72	19.47	19.84	20.5
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	19.65	19.51	19.81	20.5
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	19.69	19.46	19.83	20.5

Reduce Power Ant5_PC3 DSI1

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666		
		Frequence (MHz)		3570	3624.99		
40M	DFT-s-OFDM PI/2 BPSK	1	1	17.62	17.40		18.5
		1	104	17.44	17.44		18.5
		50	28	17.41	17.24		18.5
		100	0	16.67	17.26		18.5
	DFT-s-OFDM QPSK	1	1	17.57	17.45		18.5
		1	104	17.63	17.48		18.5
		50	28	17.40	17.45		18.5
		100	0	16.75	17.36		18.5
	DFT-s-OFDM 16QAM	1	1	17.40	17.39		18.5
	DFT-s-OFDM 64QAM	1	1	17.45	17.64		18.5
	DFT-s-OFDM 256QAM	1	1	17.49	17.63		18.5
BW	MCS Index	Channel		637334	641666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99		
20M	DFT-s-OFDM PI/2 BPSK	1	1	17.69	17.49		18.5
		1	49	17.51	17.44		18.5
		25	12	17.39	17.24		18.5
		50	0	16.59	17.24		18.5
	DFT-s-OFDM QPSK	1	1	17.55	17.49		18.5
		1	49	17.64	17.55		18.5
		25	12	17.44	17.33		18.5
		50	0	16.70	17.40		18.5
	DFT-s-OFDM 16QAM	1	1	17.47	17.48		18.5
	DFT-s-OFDM 64QAM	1	1	17.43	17.62		18.5
	DFT-s-OFDM 256QAM	1	1	17.52	17.55		18.5
BW	MCS Index	Channel		637000	641666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3624.99		
10M	DFT-s-OFDM PI/2 BPSK	1	1	17.73	17.51		18.5
		1	22	17.53	17.53		18.5
		12	6	17.52	17.35		18.5
		24	0	16.71	17.39		18.5
	DFT-s-OFDM QPSK	1	1	17.68	17.56		18.5
		1	22	17.70	17.57		18.5
		12	6	17.54	17.48		18.5
		24	0	16.79	17.44		18.5
	DFT-s-OFDM 16QAM	1	1	17.49	17.53		18.5
	DFT-s-OFDM 64QAM	1	1	17.53	17.72		18.5
	DFT-s-OFDM 256QAM	1	1	17.59	17.66		18.5

Reduce Power Ant5_PC2 DSI1

n48 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel		638000	641666		
		Frequence (MHz)		3570	3624.99		
40M	DFT-s-OFDM PI/2 BPSK	1	1	17.65	17.35		18.5
		1	104	17.40	17.35		18.5
		50	28	17.29	17.27		18.5
		100	0	16.50	17.13		18.5
	DFT-s-OFDM QPSK	1	1	17.58	17.40		18.5
		1	104	17.50	17.36		18.5
		50	28	17.41	17.29		18.5
		100	0	16.64	17.28		18.5
	DFT-s-OFDM 16QAM	1	1	17.35	17.37		18.5
	DFT-s-OFDM 64QAM	1	1	17.44	17.58		18.5
	DFT-s-OFDM 256QAM	1	1	17.45	17.51		18.5
BW	MCS Index	Channel		637334	641666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99		
20M	DFT-s-OFDM PI/2 BPSK	1	1	17.62	17.43		18.5
		1	49	17.51	17.36		18.5
		25	12	17.40	17.18		18.5
		50	0	16.47	17.24		18.5
	DFT-s-OFDM QPSK	1	1	17.52	17.44		18.5
		1	49	17.50	17.40		18.5
		25	12	17.36	17.30		18.5
		50	0	16.56	17.19		18.5
	DFT-s-OFDM 16QAM	1	1	17.30	17.42		18.5
	DFT-s-OFDM 64QAM	1	1	17.39	17.59		18.5
	DFT-s-OFDM 256QAM	1	1	17.45	17.52		18.5
BW	MCS Index	Channel		637000	641666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3555	3624.99		
10M	DFT-s-OFDM PI/2 BPSK	1	1	17.68	17.44		18.5
		1	22	17.52	17.47		18.5
		12	6	17.43	17.32		18.5
		24	0	16.59	17.28		18.5
	DFT-s-OFDM QPSK	1	1	17.63	17.45		18.5
		1	22	17.61	17.48		18.5
		12	6	17.47	17.33		18.5
		24	0	16.70	17.31		18.5
	DFT-s-OFDM 16QAM	1	1	17.42	17.43		18.5
	DFT-s-OFDM 64QAM	1	1	17.45	17.65		18.5
	DFT-s-OFDM 256QAM	1	1	17.57	17.56		18.5

Reduce Power Ant2 DSI1

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel	518000	519000	520000		
		Frequence	2590	2595	2600		
40M	DFT-s-OFDM PI/2 BPSK	1	21.63	21.76	21.60		22.5
		1	21.78	21.71	21.64		22.5
		1	21.85	21.81	21.82		22.5
		50	21.23	21.26	21.25		22.5
		50	21.83	21.81	21.77		22.5
		50	21.17	21.36	21.17		22.5
		100	21.35	21.44	21.17		22.5
	DFT-s-OFDM QPSK	1	21.66	21.94	21.70		22.5
		1	21.60	21.74	21.54		22.5
		1	21.65	21.68	21.61		22.5
		50	20.66	20.81	20.83		22.5
		50	21.82	21.87	21.80		22.5
		50	20.69	20.95	20.71		22.5
		100	20.79	20.83	20.63		22.5
	DFT-s-OFDM 16QAM	1	21.52	21.82	21.66		22.5
	DFT-s-OFDM 64QAM	1	21.59	21.91	21.67		22.5
	DFT-s-OFDM 256QAM	1	19.04	19.22	19.03		22.5
BW	MCS Index	Channel	517000	519000	521000	3GPP MPR	Max. Tune-up
		Frequence	2585	2595	2605		
30M	DFT-s-OFDM QPSK	1	21.53	21.84	21.62		22.5
BW	MCS Index	Channel	516000	519000	522000	3GPP MPR	Max. Tune-up
		Frequence	2580	2595	2610		
20M	DFT-s-OFDM QPSK	1	21.54	21.84	21.66		22.5

Reduce Power Ant2 DSI1

n66 (SCS 15 kHz)							
BW	MCS Index	RB Size	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel	344000	349000	354000		
		Frequence	1720	1745	1770		
20M	DFT-s-OFDM PI/2 BPSK	1	20.56	20.91	20.85		21.5
		1	20.61	20.88	20.85		21.5
		1	20.73	20.96	20.76		21.5
		50	20.08	20.49	19.80		21.5
		50	20.51	20.99	20.11		21.5
		50	20.25	20.57	20.28		21.5
		100	20.11	20.49	20.30		21.5
	DFT-s-OFDM QPSK	1	20.79	20.99	20.77		21.5
		1	20.41	20.96	20.72		21.5
		1	20.76	20.94	20.69		21.5
		50	19.92	20.09	20.04		21.5
		50	20.63	20.92	20.89		21.5
		50	19.76	20.17	19.84		21.5
		100	19.70	19.98	19.94		21.5
	DFT-s-OFDM 16QAM	1	20.67	20.97	20.63		21.5
	DFT-s-OFDM 64QAM	1	20.74	20.92	20.65		21.5
	DFT-s-OFDM 256QAM	1	20.70	20.98	20.70		21.5
BW	MCS Index	Channel	343500	349000	354500	3GPP MPR	Max. Tune-up
		Frequence	1717.5	1745	1772.5		
15M	DFT-s-OFDM QPSK	1	23.83	24.01	23.98		21.5
BW	MCS Index	Channel	343000	349000	355000	3GPP MPR	Max. Tune-up
		Frequence	1715	1745	1775		
10M	DFT-s-OFDM QPSK	1	23.93	24.15	23.86		21.5
BW	MCS Index	Channel	342500	349000	355500	3GPP MPR	Max. Tune-up
		Frequence	1712.5	1745	1777.5		
5M	DFT-s-OFDM QPSK	1	23.93	24.06	23.88		21.5

Reduce Power Ant5 DSI1

PC3_n77 (SCS 30 kHz) 3450~3550MHz

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		15.91		17
		1	137		15.34		17
		1	271		16.02		17
		135	0		15.89		17
		135	69		15.46		17
		135	138		15.51		17
		270	0		15.74		17
	DFT-s-OFDM QPSK	1	1		16.07		17
		1	137		15.62		17
		1	271		15.89		17
		135	0		15.65		17
		135	69		15.41		17
		135	138		15.80		17
		270	0		15.77		17
	DFT-s-OFDM 16QAM	1	1		15.97		17
	DFT-s-OFDM 64QAM	1	1		15.94		17
	DFT-s-OFDM 256QAM	1	1		15.88		17
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	16.05	16.01	15.98	17
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	15.94	15.88	15.96	17
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	16.03	15.90	15.95	17
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	16.01	15.95	15.88	17
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	15.93	15.90	15.91	17

Reduce Power Ant5 DSI1

PC3_n77 (SCS 30 kHz) 3700~3980MHz

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	15.47	15.64	15.73	17
		1	137	15.67	15.85	15.70	17
		1	271	15.94	15.86	15.17	17
		135	0	15.62	15.71	15.68	17
		135	69	15.93	15.82	15.72	17
		135	138	15.80	15.72	15.42	17
		270	0	15.72	15.78	15.62	17
	DFT-s-OFDM QPSK	1	1	15.35	15.52	15.60	17
		1	137	16.12	15.84	15.74	17
		1	271	15.90	15.82	15.58	17
		135	0	15.61	15.76	15.73	17
		135	69	15.81	15.80	15.65	17
		135	138	15.86	15.81	15.70	17
		270	0	15.75	15.73	15.60	17
	DFT-s-OFDM 16QAM	1	137	16.08	15.69	15.64	17
	DFT-s-OFDM 64QAM	1	137	16.06	15.83	15.73	17
	DFT-s-OFDM 256QAM	1	137	15.98	15.70	15.71	17
BW	MCS Index	Channel		650000	656000	662666	Max. Tune-up
		Frequence (MHz)		3750	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	109	16.11	15.74	15.72	17
BW	MCS Index	Channel		650000	656000	663332	Max. Tune-up
		Frequence (MHz)		3750	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	81	16.05	15.77	15.63	17
BW	MCS Index	Channel		650000	656000	664000	22.5
		Frequence (MHz)		3750	3840	3960	
40M	DFT-s-OFDM QPSK	1	53	15.98	15.83	15.73	17
BW	MCS Index	Channel		650000	656000	664332	Max. Tune-up
		Frequence (MHz)		3750	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	39	16.01	15.72	15.64	17
BW	MCS Index	Channel		650000	656000	664666	Max. Tune-up
		Frequence (MHz)		3750	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	26	16.02	15.69	15.69	17

Reduce Power Ant5 DSI1

PC2_n77 (SCS 30 kHz) 3450~3550MHz

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		15.95		17
		1	137		15.36		17
		1	271		16.00		17
		135	0		15.88		17
		135	69		15.43		17
		135	138		15.52		17
		270	0		15.69		17
	DFT-s-OFDM QPSK	1	1		16.11		17
		1	137		15.60		17
		1	271		15.87		17
		135	0		15.60		17
		135	69		15.36		17
		135	138		15.78		17
		270	0		15.82		17
	DFT-s-OFDM 16QAM	1	1		15.97		17
	DFT-s-OFDM 64QAM	1	1		15.88		17
	DFT-s-OFDM 256QAM	1	1		15.85		17
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	15.91	15.96	15.91	17
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	15.92	15.91	15.90	17
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	15.99	15.90	15.96	17
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	16.00	15.96	15.91	17
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	15.94	15.93	15.87	17

Reduce Power Ant5 DSI1

PC2_n77 (SCS 30 kHz) 3700~3980MHz

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	15.46	15.63	15.67	17
		1	137	15.65	15.83	15.67	17
		1	271	16.00	15.86	15.18	17
		135	0	15.56	15.73	15.70	17
		135	69	16.00	15.86	15.67	17
		135	138	15.75	15.72	15.40	17
		270	0	15.73	15.85	15.61	17
	DFT-s-OFDM QPSK	1	1	15.29	15.54	15.58	17
		1	137	16.19	15.89	15.69	17
		1	271	15.96	15.87	15.65	17
		135	0	15.69	15.77	15.76	17
		135	69	15.82	15.79	15.67	17
		135	138	15.87	15.81	15.69	17
		270	0	15.78	15.75	15.66	17
	DFT-s-OFDM 16QAM	1	1	16.13	15.64	15.67	17
	DFT-s-OFDM 64QAM	1	1	16.09	15.77	15.69	17
	DFT-s-OFDM 256QAM	1	1	16.05	15.64	15.77	17
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	16.07	15.78	15.66	17
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	16.08	15.84	15.66	17
BW	MCS Index	Channel		648000	656000	664000	22.5
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	16.17	15.76	15.68	17
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	16.16	15.80	15.68	17
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	16.18	15.84	15.62	17

Reduce Power Ant5 DSI1

PC3_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		19.45		20.5
		1	137		18.97		20.5
		1	271		19.51		20.5
		135	0		19.36		20.5
		135	69		19.18		20.5
		135	138		19.20		20.5
		270	0		19.36		20.5
	DFT-s-OFDM QPSK	1	1		19.55		20.5
		1	137		18.92		20.5
		1	271		19.48		20.5
		135	0		19.43		20.5
		135	69		19.16		20.5
		135	138		19.15		20.5
		270	0		19.45		20.5
	DFT-s-OFDM 16QAM	1	1		19.44		20.5
	DFT-s-OFDM 64QAM	1	1		19.37		20.5
	DFT-s-OFDM 256QAM	1	1		19.24		20.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	19.53	19.51	19.47	20.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	19.51	19.42	19.34	20.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	19.47	19.43	19.38	20.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	19.38	19.50	19.39	20.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	19.40	19.36	19.35	20.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	19.50	19.50	19.33	20.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	19.47	19.45	19.32	20.5

Reduce Power Ant5 DSI1

PC2_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		19.49		20.5
		1	137		19.06		20.5
		1	271		19.52		20.5
		135	0		19.44		20.5
		135	69		19.24		20.5
		135	138		19.31		20.5
		270	0		19.49		20.5
	DFT-s-OFDM QPSK	1	1		19.69		20.5
		1	137		19.03		20.5
		1	271		19.58		20.5
		135	0		19.56		20.5
		135	69		19.28		20.5
		135	138		19.24		20.5
		270	0		19.52		20.5
	DFT-s-OFDM 16QAM	1	1		19.50		20.5
	DFT-s-OFDM 64QAM	1	1		19.44		20.5
	DFT-s-OFDM 256QAM	1	1		19.32		20.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	19.52	19.57	19.49	20.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	19.41	19.48	19.48	20.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	19.44	19.43	19.43	20.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	19.37	19.49	19.35	20.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	19.42	19.52	19.46	20.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	19.48	19.46	19.40	20.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	19.47	19.54	19.47	20.5

Reduce Power Ant0 DSI2

n2 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376000	380000	
		Frequence (MHz)		1860	1880	1900	
20M	DFT-s-OFDM PI/2 BPSK	1	1	21.70	21.55	21.65	22.5
		1	53	21.53	21.65	21.19	22.5
		1	104	21.56	21.69	21.07	22.5
		50	0	21.21	21.30	21.07	22
		50	28	21.70	21.74	21.63	22.5
		50	56	21.11	21.21	21.20	22
		100	0	21.22	21.26	20.90	22
	DFT-s-OFDM QPSK	1	1	21.82	21.70	21.72	22.5
		1	53	21.46	21.21	21.16	22.5
		1	104	21.39	21.49	20.94	22.5
		50	0	20.63	20.70	20.68	22
		50	28	21.79	21.65	21.49	22.5
		50	56	20.70	20.65	20.65	22
		100	0	20.69	20.65	20.61	22
	DFT-s-OFDM 16QAM	1	1	21.34	21.08	21.09	22
	DFT-s-OFDM 64QAM	1	1	21.27	20.94	21.02	22
	DFT-s-OFDM 256QAM	1	1	18.95	18.79	18.81	20
BW	MCS Index	Channel		371500	376000	380500	Max. Tune-up
		Frequence (MHz)		1857.5	1880	1902.5	
15M	DFT-s-OFDM QPSK	1	1	21.75	21.66	21.71	22.5
BW	MCS Index	Channel		371000	376000	381000	Max. Tune-up
		Frequence (MHz)		1855	1880	1905	
10M	DFT-s-OFDM QPSK	1	1	21.71	21.57	21.64	22.5
BW	MCS Index	Channel		370500	376000	381500	Max. Tune-up
		Frequence (MHz)		1852.5	1880	1907.5	
5M	DFT-s-OFDM QPSK	1	1	21.70	21.63	21.71	22.5

Reduce Power Ant0 DSI2

n7 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		502000	507000	512000	
		Frequence (MHz)		2510	2535	2560	
20M	DFT-s-OFDM PI/2 BPSK	1	1	20.69	20.91	20.87	21.5
		1	53	20.91	20.92	20.92	21.5
		1	104	20.90	20.91	20.84	21.5
		50	0	20.69	20.85	20.65	21.5
		50	28	20.88	20.88	20.73	21.5
		50	56	20.90	20.65	20.69	21.5
		100	0	20.95	20.92	20.79	21.5
	DFT-s-OFDM QPSK	1	1	20.92	20.99	20.88	21.5
		1	53	20.90	20.98	20.86	21.5
		1	104	20.89	20.83	20.74	21.5
		50	0	20.76	20.77	20.72	21.5
		50	28	20.65	20.63	20.68	21.5
		50	56	20.75	20.60	20.59	21.5
		100	0	20.88	20.98	20.84	21.5
	DFT-s-OFDM 16QAM	1	1	20.89	20.82	20.86	21.5
	DFT-s-OFDM 64QAM	1	1	20.74	20.68	20.64	21.5
	DFT-s-OFDM 256QAM	1	1	18.86	18.97	18.92	19.5
BW	MCS Index	Channel		501500	507000	512500	Max. Tune-up
		Frequence (MHz)		2507.5	2535	2562.5	
15M	DFT-s-OFDM QPSK	1	1	20.86	20.90	20.73	21.5
BW	MCS Index	Channel		501000	507000	513000	Max. Tune-up
		Frequence (MHz)		2505	2535	2565	
10M	DFT-s-OFDM QPSK	1	1	20.91	20.89	20.81	21.5
BW	MCS Index	Channel		500500	507000	513500	Max. Tune-up
		Frequence (MHz)		2502.5	2535	2567.5	
5M	DFT-s-OFDM QPSK	1	1	20.86	20.85	20.74	21.5

Reduce Power Ant0 DSI2

n25 (SCS 15 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		372000	376500	381000	
		Frequence (MHz)		1860	1882.5	1905	
20M	DFT-s-OFDM PI/2 BPSK	1	1	21.71	21.75	21.77	22.5
		1	53	21.67	21.72	21.26	22.5
		1	104	21.71	21.92	21.15	22.5
		50	0	21.44	21.44	21.23	22
		50	28	21.80	21.89	21.73	22.5
		50	56	21.16	21.35	21.26	22
		100	0	21.36	21.41	20.94	22
	DFT-s-OFDM QPSK	1	1	21.96	21.75	21.79	22.5
		1	53	21.66	21.32	21.31	22.5
		1	104	21.45	21.72	21.06	22.5
		50	0	20.74	20.84	20.91	22
		50	28	21.82	21.80	21.58	22.5
		50	56	20.82	20.88	20.80	22
		100	0	20.81	20.78	20.71	22
	DFT-s-OFDM 16QAM	1	1	21.52	21.36	21.24	22
	DFT-s-OFDM 64QAM	1	1	21.35	20.98	21.13	22
	DFT-s-OFDM 256QAM	1	1	18.99	18.90	18.87	20
BW	MCS Index	Channel		371500	376500	381500	Max. Tune-up
		Frequence (MHz)		1857.5	1882.5	1907.5	
15M	DFT-s-OFDM QPSK	1	1	21.84	21.61	21.73	22.5
BW	MCS Index	Channel		371000	376500	382000	Max. Tune-up
		Frequence (MHz)		1855	1882.5	1910	
10M	DFT-s-OFDM QPSK	1	1	21.89	21.65	21.70	22.5
BW	MCS Index	Channel		370500	376500	382500	Max. Tune-up
		Frequence (MHz)		1852.5	1882.5	1912.5	
5M	DFT-s-OFDM QPSK	1	1	21.85	21.73	21.65	22.5

Reduce Power Ant2 DSI2

n38 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		518000	519000	520000	
		Frequence (MHz)		2590	2595	2600	
40M	DFT-s-OFDM PI/2 BPSK	1	1	20.62	20.75	20.63	21.5
		1	53	20.80	20.60	20.66	21.5
		1	104	20.73	20.74	20.67	21.5
		50	0	20.12	20.29	20.28	21
		50	28	20.76	20.83	20.60	21.5
		50	56	20.23	20.26	20.24	21
		100	0	20.35	20.36	20.18	21
	DFT-s-OFDM QPSK	1	1	20.66	20.86	20.70	21.5
		1	53	20.56	20.65	20.61	21.5
		1	104	20.58	20.69	20.62	21.5
		50	0	19.74	19.76	19.75	21
		50	28	20.70	20.74	20.69	21.5
		50	56	19.77	19.88	19.73	21
		100	0	19.65	19.78	19.68	21
	DFT-s-OFDM 16QAM	1	1	20.54	20.81	20.60	21.5
	DFT-s-OFDM 64QAM	1	1	20.43	20.77	20.45	21.5
	DFT-s-OFDM 256QAM	1	1	19.01	19.15	19.05	20
BW	MCS Index	Channel		517000	519000	521000	Max. Tune-up
		Frequence (MHz)		2585	2595	2605	
30M	DFT-s-OFDM QPSK	1	1	20.63	20.79	20.62	21.5
BW	MCS Index	Channel		516000	519000	522000	Max. Tune-up
		Frequence (MHz)		2580	2595	2610	
20M	DFT-s-OFDM QPSK	1	1	20.59	20.82	20.59	21.5

Reduce Power Ant2 DSI2

PC3_n41 (SCS 30 kHz)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	15.32	15.12	15.38	16
		1	137	15.26	15.19	15.24	16
		1	271	15.33	15.15	15.35	16
		135	0	15.31	15.24	15.10	16
		135	69	15.46	15.41	15.47	16
		135	138	15.48	15.36	15.31	16
		270	0	15.37	15.46	15.33	16
	DFT-s-OFDM QPSK	1	1	15.49	15.35	15.52	16
		1	137	15.48	15.23	15.26	16
		1	271	15.43	15.22	15.46	16
		135	0	15.47	15.32	15.49	16
		135	69	15.45	15.25	15.36	16
		135	138	15.37	15.25	15.32	16
		270	0	15.37	15.24	15.39	16
	DFT-s-OFDM 16QAM	1	1	15.41	15.28	15.44	16
	DFT-s-OFDM 64QAM	1	1	15.45	15.27	15.42	16
	DFT-s-OFDM 256QAM	1	1	15.43	15.29	15.50	16
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	15.40	15.34	15.51	16
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	15.48	15.31	15.42	16
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	15.37	15.23	15.44	16
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	15.46	15.28	15.43	16
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	15.39	15.34	15.47	16
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	15.34	15.20	15.42	16
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	15.34	15.24	15.51	16

Reduce Power Ant2 DSI2

PC2_n41 (SCS 30 kHz)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	DFT-s-OFDM PI/2 BPSK	1	1	15.45	15.26	15.49	16
		1	137	15.45	15.34	15.34	16
		1	271	15.46	15.32	15.53	16
		135	0	15.40	15.39	15.25	16
		135	69	15.57	15.56	15.69	16
		135	138	15.70	15.55	15.53	16
		270	0	15.59	15.63	15.46	16
	DFT-s-OFDM QPSK	1	1	15.67	15.52	15.72	16
		1	137	15.59	15.32	15.34	16
		1	271	15.51	15.37	15.66	16
		135	0	15.61	15.54	15.58	16
		135	69	15.61	15.34	15.47	16
		135	138	15.52	15.40	15.51	16
		270	0	15.56	15.44	15.55	16
	DFT-s-OFDM 16QAM	1	1	15.61	15.41	15.61	16
	DFT-s-OFDM 64QAM	1	1	15.56	15.46	15.51	16
	DFT-s-OFDM 256QAM	1	1	15.62	15.40	15.68	16
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	DFT-s-OFDM QPSK	1	1	15.56	15.49	15.58	16
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	DFT-s-OFDM QPSK	1	1	15.55	15.49	15.68	16
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	DFT-s-OFDM QPSK	1	1	15.66	15.41	15.69	16
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	DFT-s-OFDM QPSK	1	1	15.58	15.49	15.60	16
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	DFT-s-OFDM QPSK	1	1	15.59	15.44	15.57	16
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	DFT-s-OFDM QPSK	1	1	15.65	15.49	15.62	16
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	DFT-s-OFDM QPSK	1	1	15.59	15.42	15.60	16

Reduce Power Ant5_PC3 DSI2

n48 (SCS 30 kHz)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequence (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM PI/2 BPSK	1	1	16.12	16.09	16.30	17
		1	104	16.09	16.00	16.25	17
		50	28	15.95	16.02	16.24	17
		100	0	15.38	15.92	16.26	17
	DFT-s-OFDM QPSK	1	1	16.20	15.97	16.38	17
		1	104	16.16	16.13	16.41	17
		50	28	16.11	15.99	16.05	17
		100	0	15.40	15.97	16.35	17
	DFT-s-OFDM 16QAM	1	1	16.18	16.19	16.30	17
	DFT-s-OFDM 64QAM	1	1	16.22	16.17	16.30	17
	DFT-s-OFDM 256QAM	1	1	16.12	16.16	16.26	17
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM PI/2 BPSK	1	1	16.19	16.17	16.34	17
		1	49	16.08	15.92	16.22	17
		25	12	15.96	16.00	16.11	17
		50	0	15.36	15.81	16.27	17
	DFT-s-OFDM QPSK	1	1	16.16	15.99	16.36	17
		1	49	16.21	16.12	16.38	17
		25	12	16.16	15.96	16.08	17
		50	0	15.42	15.96	16.24	17
	DFT-s-OFDM 16QAM	1	1	16.26	16.17	16.25	17
	DFT-s-OFDM 64QAM	1	1	16.27	16.27	16.26	17
	DFT-s-OFDM 256QAM	1	1	16.19	16.17	16.12	17
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98	
10M	DFT-s-OFDM PI/2 BPSK	1	1	16.23	16.19	16.43	17
		1	22	16.19	16.05	16.36	17
		12	6	16.09	16.04	16.25	17
		24	0	15.41	15.95	16.32	17
	DFT-s-OFDM QPSK	1	1	16.25	16.11	16.42	17
		1	22	16.27	16.16	16.47	17
		12	6	16.17	16.01	16.20	17
		24	0	15.43	16.05	16.37	17
	DFT-s-OFDM 16QAM	1	1	16.27	16.23	16.36	17
	DFT-s-OFDM 64QAM	1	1	16.29	16.31	16.33	17
	DFT-s-OFDM 256QAM	1	1	16.25	16.25	16.27	17

Reduce Power Ant5_PC2 DSI2

n48 (SCS 30 kHz)

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		638000	641666	645332	
		Frequence (MHz)		3570	3624.99	3679.98	
40M	DFT-s-OFDM PI/2 BPSK	1	1	16.17	16.21	16.31	17
		1	104	16.16	15.99	16.33	17
		50	28	16.08	15.99	16.25	17
		100	0	15.38	15.81	16.29	17
	DFT-s-OFDM QPSK	1	1	16.17	15.96	16.38	17
		1	104	16.21	16.09	16.49	17
		50	28	16.13	16.05	16.11	17
		100	0	15.31	15.89	16.31	17
	DFT-s-OFDM 16QAM	1	1	16.22	16.21	16.37	17
	DFT-s-OFDM 64QAM	1	1	16.13	16.20	16.30	17
	DFT-s-OFDM 256QAM	1	1	16.26	16.17	16.33	17
BW	MCS Index	Channel		637334	641666	646000	Max. Tune-up
		Frequence (MHz)		3560.01	3624.99	3690	
20M	DFT-s-OFDM PI/2 BPSK	1	1	16.16	16.17	16.36	17
		1	49	16.20	15.94	16.40	17
		25	12	15.97	15.89	16.27	17
		50	0	15.42	15.83	16.38	17
	DFT-s-OFDM QPSK	1	1	16.10	15.98	16.48	17
		1	49	16.23	16.04	16.42	17
		25	12	16.11	16.02	16.16	17
		50	0	15.28	16.00	16.31	17
	DFT-s-OFDM 16QAM	1	1	16.19	16.11	16.42	17
	DFT-s-OFDM 64QAM	1	1	16.22	16.28	16.30	17
	DFT-s-OFDM 256QAM	1	1	16.29	16.19	16.33	17
BW	MCS Index	Channel		637000	641666	646332	Max. Tune-up
		Frequence (MHz)		3555	3624.99	3694.98	
10M	DFT-s-OFDM PI/2 BPSK	1	1	16.19	16.23	16.41	17
		1	22	16.25	16.09	16.43	17
		12	6	16.09	16.04	16.28	17
		24	0	15.50	15.92	16.40	17
	DFT-s-OFDM QPSK	1	1	16.22	16.08	16.49	17
		1	22	16.34	16.17	16.56	17
		12	6	16.16	16.11	16.21	17
		24	0	15.43	16.01	16.35	17
	DFT-s-OFDM 16QAM	1	1	16.34	16.22	16.46	17
	DFT-s-OFDM 64QAM	1	1	16.28	16.35	16.40	17
	DFT-s-OFDM 256QAM	1	1	16.34	16.22	16.34	17

Reduce Power Ant5 DSI2

PC3_n77 (SCS 30 kHz) 3450~3550MHz

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		13.92		15
		1	137		13.20		15
		1	271		13.82		15
		135	0		13.77		15
		135	69		13.31		15
		135	138		13.50		15
		270	0		13.68		15
	DFT-s-OFDM QPSK	1	1		14.05		15
		1	137		13.51		15
		1	271		13.82		15
		135	0		13.66		15
		135	69		13.46		15
		135	138		13.67		15
		270	0		13.64		15
	DFT-s-OFDM 16QAM	1	1		13.87		15
	DFT-s-OFDM 64QAM	1	1		13.84		15
	DFT-s-OFDM 256QAM	1	1		13.79		15
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	13.97	13.99	14.02	15
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	13.90	13.90	13.96	15
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	13.86	13.96	13.90	15
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	13.93	13.95	14.01	15
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	13.86	13.90	13.91	15

Reduce Power Ant5 DSI2

PC3_n77 (SCS 30 kHz) 3700~3980MHz

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	13.42	13.49	13.68	15
		1	137	13.68	13.74	13.69	15
		1	271	13.85	13.78	13.14	15
		135	0	13.57	13.61	13.71	15
		135	69	13.84	13.72	13.54	15
		135	138	13.69	13.60	13.42	15
		270	0	13.63	13.66	13.52	15
	DFT-s-OFDM QPSK	1	1	13.28	13.45	13.54	15
		1	137	14.07	13.66	13.69	15
		1	271	13.81	13.64	13.55	15
		135	0	13.61	13.60	13.60	15
		135	69	13.78	13.67	13.55	15
		135	138	13.81	13.76	13.72	15
		270	0	13.72	13.61	13.51	15
	DFT-s-OFDM 16QAM	1	137	13.68	13.49	13.46	15
	DFT-s-OFDM 64QAM	1	137	13.73	13.58	13.49	15
	DFT-s-OFDM 256QAM	1	137	13.78	13.60	13.46	15
BW	MCS Index	Channel		650000	656000	662666	Max. Tune-up
		Frequence (MHz)		3750	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	109	14.02	13.60	13.54	15
BW	MCS Index	Channel		650000	656000	663332	Max. Tune-up
		Frequence (MHz)		3750	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	81	13.94	13.60	13.65	15
BW	MCS Index	Channel		650000	656000	664000	Max. Tune-up
		Frequence (MHz)		3750	3840	3960	
40M	DFT-s-OFDM QPSK	1	53	14.00	13.59	13.64	15
BW	MCS Index	Channel		650000	656000	664332	Max. Tune-up
		Frequence (MHz)		3750	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	39	13.97	13.58	13.61	15
BW	MCS Index	Channel		650000	656000	664666	Max. Tune-up
		Frequence (MHz)		3750	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	26	14.02	13.51	13.60	15

Reduce Power Ant5 DSI2

PC2_n77 (SCS 30 kHz) 3450~3550MHz

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		13.79		15
		1	137		13.14		15
		1	271		13.76		15
		135	0		13.76		15
		135	69		13.30		15
		135	138		13.49		15
		270	0		13.55		15
	DFT-s-OFDM QPSK	1	1		14.01		15
		1	137		13.50		15
		1	271		13.67		15
		135	0		13.44		15
		135	69		13.51		15
		135	138		13.47		15
		270	0		13.62		15
	DFT-s-OFDM 16QAM	1	1		13.86		15
	DFT-s-OFDM 64QAM	1	1		13.75		15
	DFT-s-OFDM 256QAM	1	1		13.68		15
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	13.91	13.97	13.95	15
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	13.84	13.93	13.81	15
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	13.84	13.95	13.93	15
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	13.88	13.82	13.88	15
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	13.86	13.90	13.87	15

Reduce Power Ant5 DSI2

PC2_n77 (SCS 30 kHz) 3700~3980MHz

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	DFT-s-OFDM PI/2 BPSK	1	1	13.40	13.34	13.63	15
		1	137	13.54	13.61	13.61	15
		1	271	13.75	13.75	13.00	15
		135	0	13.50	13.46	13.58	15
		135	69	13.72	13.69	13.41	15
		135	138	13.68	13.55	13.34	15
		270	0	13.49	13.55	13.46	15
	DFT-s-OFDM QPSK	1	1	13.81	13.59	13.92	15
		1	137	13.74	13.51	13.61	15
		1	271	13.67	13.38	13.46	15
		135	0	13.47	13.59	13.58	15
		135	69	13.68	13.66	13.73	15
		135	138	13.64	13.63	13.57	15
		270	0	13.61	13.47	13.63	15
	DFT-s-OFDM 16QAM	1	1	13.77	13.65	13.62	15
	DFT-s-OFDM 64QAM	1	1	13.89	13.63	13.63	15
	DFT-s-OFDM 256QAM	1	1	13.83	13.72	13.53	15
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	DFT-s-OFDM QPSK	1	1	13.79	13.51	13.88	15
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	DFT-s-OFDM QPSK	1	1	13.79	13.51	13.79	15
BW	MCS Index	Channel		648000	656000	664000	22.5
		Frequence (MHz)		3720	3840	3960	
40M	DFT-s-OFDM QPSK	1	1	13.76	13.53	13.79	15
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	DFT-s-OFDM QPSK	1	1	13.80	13.49	13.79	15
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	DFT-s-OFDM QPSK	1	1	13.75	13.44	13.87	15

Reduce Power Ant5 DSI2

PC3_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		19.60		20.5
		1	137		19.04		20.5
		1	271		19.58		20.5
		135	0		19.46		20.5
		135	69		19.25		20.5
		135	138		19.34		20.5
		270	0		19.41		20.5
	DFT-s-OFDM QPSK	1	1		19.67		20.5
		1	137		19.08		20.5
		1	271		19.56		20.5
		135	0		19.54		20.5
		135	69		19.25		20.5
		135	138		19.35		20.5
		270	0		19.51		20.5
	DFT-s-OFDM 16QAM	1	1		19.56		20.5
	DFT-s-OFDM 64QAM	1	1		19.49		20.5
	DFT-s-OFDM 256QAM	1	1		19.44		20.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	19.66	19.64	19.61	20.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	19.56	19.59	19.53	20.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	19.63	19.63	19.58	20.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	19.59	19.63	19.60	20.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	19.55	19.51	19.59	20.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	19.63	19.51	19.53	20.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	19.60	19.62	19.53	20.5

Reduce Power Ant5 DSI2

PC2_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	DFT-s-OFDM PI/2 BPSK	1	1		19.45		20.5
		1	137		19.03		20.5
		1	271		19.50		20.5
		135	0		19.33		20.5
		135	69		19.19		20.5
		135	138		19.22		20.5
		270	0		19.36		20.5
	DFT-s-OFDM QPSK	1	1		19.64		20.5
		1	137		18.93		20.5
		1	271		19.53		20.5
		135	0		19.43		20.5
		135	69		19.18		20.5
		135	138		19.27		20.5
		270	0		19.39		20.5
	DFT-s-OFDM 16QAM	1	1		19.48		20.5
	DFT-s-OFDM 64QAM	1	1		19.39		20.5
	DFT-s-OFDM 256QAM	1	1		19.43		20.5
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	DFT-s-OFDM QPSK	1	1	19.61	19.59	19.57	20.5
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	DFT-s-OFDM QPSK	1	1	19.57	19.50	19.51	20.5
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	DFT-s-OFDM QPSK	1	1	19.55	19.47	19.44	20.5
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	DFT-s-OFDM QPSK	1	1	19.47	19.55	19.55	20.5
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	DFT-s-OFDM QPSK	1	1	19.52	19.51	19.45	20.5
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	DFT-s-OFDM QPSK	1	1	19.53	19.48	19.46	20.5
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	DFT-s-OFDM QPSK	1	1	19.54	19.55	19.54	20.5

Full Power (Ant1+2)

PC3_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	CP-OFDM QPSK	1	1	23.06	22.98	23.12	23.7
		1	137	22.95	22.85	22.85	23.7
		1	271	23.02	22.73	22.81	23.7
		137	0	22.93	22.88	22.95	23.7
		137	68	22.92	22.87	22.72	23.7
		137	136	22.15	22.84	22.75	23.7
		273	0	22.84	22.87	22.89	23.7
	CP-OFDM 16QAM	1	1	22.97	22.93	22.94	23.7
	CP-OFDM 64QAM	1	1	22.43	22.24	22.25	23.2
	CP-OFDM 256QAM	1	1	19.61	19.41	19.37	20.2
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	CP-OFDM QPSK	1	1	23.03	22.95	22.92	23.7
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	23.03	22.90	22.85	23.7
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	CP-OFDM QPSK	1	1	23.02	22.97	22.90	23.7
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	23.08	22.92	22.91	23.7
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	23.04	22.93	22.85	23.7
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	CP-OFDM QPSK	1	1	23.07	22.87	22.93	23.7
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	23.09	22.96	22.83	23.7

Full Power (Ant1+2)

PC2_n41 (SCS 30 kHz)							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		509202	518598	528000	
		Frequence (MHz)		2546.01	2592.99	2640	
100M	CP-OFDM QPSK	1	1	24.49	24.51	24.53	25.2
		1	137	24.45	24.46	24.26	25.2
		1	271	24.46	24.46	24.36	25.2
		137	0	22.83	22.89	23.82	24
		137	68	24.32	24.34	24.36	25.2
		137	136	22.88	22.83	22.79	23.7
		273	0	22.84	22.81	22.86	23.7
	CP-OFDM 16QAM	1	1	23.91	23.87	23.72	24.7
	CP-OFDM 64QAM	1	1	22.24	22.23	22.48	23.2
	CP-OFDM 256QAM	1	1	19.30	19.32	19.31	20.2
BW	MCS Index	Channel		508200	518598	528996	Max. Tune-up
		Frequence (MHz)		2541	2592.99	2644.98	
90M	CP-OFDM QPSK	1	1	24.47	24.41	24.45	25.2
BW	MCS Index	Channel		507204	518598	529998	Max. Tune-up
		Frequence (MHz)		2536.02	2592.99	2649.99	
80M	CP-OFDM QPSK	1	1	24.48	24.37	24.42	25.2
BW	MCS Index	Channel		505200	518598	531996	Max. Tune-up
		Frequence (MHz)		2526	2592.99	2659.98	
60M	CP-OFDM QPSK	1	1	24.45	24.47	24.35	25.2
BW	MCS Index	Channel		504204	518598	532998	Max. Tune-up
		Frequence (MHz)		2521.02	2592.99	2664.99	
50M	CP-OFDM QPSK	1	1	24.50	24.47	24.35	25.2
BW	MCS Index	Channel		503202	518598	534000	Max. Tune-up
		Frequence (MHz)		2516.01	2592.99	2670	
40M	CP-OFDM QPSK	1	1	24.44	24.48	24.32	25.2
BW	MCS Index	Channel		502200	518598	534996	Max. Tune-up
		Frequence (MHz)		2511	2592.99	2674.98	
30M	CP-OFDM QPSK	1	1	24.48	24.45	24.39	25.2
BW	MCS Index	Channel		501204	518598	535998	Max. Tune-up
		Frequence (MHz)		2506.02	2592.99	2679.99	
20M	CP-OFDM QPSK	1	1	24.47	24.40	24.42	25.2

Full Power Ant3+5

PC3_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		22.75		23.7
		1	137		22.59		23.7
		1	271		22.73		23.7
		137	0		22.59		23.7
		137	68		22.72		23.7
		137	136		22.61		23.7
		273	0		22.67		23.7
	CP-OFDM 16QAM	1	1		22.72		23.7
	CP-OFDM 64QAM	1	1		22.10		23
	CP-OFDM 256QAM	1	1		19.21		20.2
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	22.38	22.54	22.48	23.7
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	22.32	22.47	22.33	23.7
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	22.36	22.50	22.36	23.7
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	22.32	22.53	22.41	23.7
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	22.35	22.42	22.37	23.7

Full Power Ant3+5

PC3_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	22.79	22.56	22.59	23.7
		1	137	22.44	22.53	22.52	23.7
		1	271	22.76	22.52	22.55	23.7
		137	0	22.57	22.55	22.56	23.7
		137	68	22.55	22.47	22.53	23.7
		137	136	22.53	22.43	22.41	23.7
		273	0	22.56	22.51	22.53	23.7
	CP-OFDM 16QAM	1	1	22.78	22.65	22.56	23.7
	CP-OFDM 64QAM	1	1	22.24	21.93	21.94	23
	CP-OFDM 256QAM	1	1	19.30	19.01	19.09	20.2
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	22.71	22.46	22.46	23.7
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	22.67	22.47	22.52	23.7
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	22.77	22.52	22.46	23.7
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	22.78	22.41	22.50	23.7
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	22.70	22.42	22.48	23.7

Full Power Ant3+5

PC2_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		24.63		25.2
		1	137		24.28		25.2
		1	271		24.38		25.2
		137	0		22.74		23.7
		137	68		24.42		25.2
		137	136		22.75		23.7
		273	0		22.87		23.7
	CP-OFDM 16QAM	1	1		23.66		24.7
	CP-OFDM 64QAM	1	1		22.41		23.2
	CP-OFDM 256QAM	1	1		19.26		20.2
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	24.29	24.30	24.27	25.2
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	24.16	24.22	24.22	25.2
BW	MCS Index	Channel		631334	633334	635332	22.5
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	24.26	24.29	24.19	25.2
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	24.14	24.15	24.15	25.2
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	24.26	24.17	24.19	25.2

Full Power Ant3+5

PC2_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	24.43	24.42	24.41	25.2
		1	137	24.14	24.32	24.39	25.2
		1	271	24.41	24.36	24.23	25.2
		137	0	22.72	22.92	22.88	23.7
		137	68	24.35	24.31	24.33	25.2
		137	136	22.78	22.94	22.81	23.7
		273	0	22.96	22.92	22.86	23.7
	CP-OFDM 16QAM	1	1	23.79	23.82	23.94	24.7
	CP-OFDM 64QAM	1	1	22.02	22.08	22.16	23.2
	CP-OFDM 256QAM	1	1	19.23	19.25	19.31	20.2
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	24.38	24.33	24.40	25.2
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	24.35	24.28	24.29	25.2
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	24.39	24.38	24.33	25.2
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	24.38	24.30	24.35	25.2
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	24.39	24.31	24.37	25.2

MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
	Channel			633334		
	Frequence (MHz)			3500.01		
CP-OFDM QPSK	1	1		22.84		23.7
	1	137		22.67		23.7
	1	271		22.75		23.7
	137	0		22.77		23.7
	137	68		22.64		23.7
	137	136		22.59		23.7
	273	0		22.72		23.7
CP-OFDM 16QAM	1	1		22.76		23.7
CP-OFDM 64QAM	1	1		22.04		23
CP-OFDM 256QAM	1	1		19.23		20.2
MCS Index	Channel		633000	633334	633666	Max. Tune-up
	Frequence (MHz)		3495	3500.01	3504.99	
CP-OFDM QPSK	1	1	22.34	22.45	22.36	23.7
MCS Index	Channel		632668	633334	634000	Max. Tune-up
	Frequence (MHz)		3490.02	3500.01	3510	
CP-OFDM QPSK	1	1	22.24	22.31	22.24	23.7
MCS Index	Channel		632334	633334	634332	Max. Tune-up
	Frequence (MHz)		3485.01	3500.01	3514.98	
CP-OFDM QPSK	1	1	22.26	22.35	22.21	23.7
MCS Index	Channel		632000	633334	634666	Max. Tune-up
	Frequence (MHz)		3480	3500.01	3519.99	
CP-OFDM QPSK	1	1	22.32	22.42	22.24	23.7
MCS Index	Channel		631334	633334	635332	Max. Tune-up
	Frequence (MHz)		3470.01	3500.01	3529.98	
CP-OFDM QPSK	1	1	22.26	22.35	22.30	23.7
MCS Index	Channel		631002	633334	635664	Max. Tune-up
	Frequence (MHz)		3465.03	3500.01	3534.96	
CP-OFDM QPSK	1	1	22.30	22.35	22.31	23.7
MCS Index	Channel		630668	633334	636000	Max. Tune-up
	Frequence (MHz)		3460.02	3500.01	3540	
CP-OFDM QPSK	1	1	22.33	22.38	22.30	23.7

Full Power Ant3+5

PC2_n78 (SCS 30 kHz) 3450~3550MHz

BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		24.51		25.2
		1	137		24.22		25.2
		1	271		24.37		25.2
		137	0		22.71		23.7
		137	68		24.38		25.2
		137	136		22.73		23.7
		273	0		22.87		23.7
	CP-OFDM 16QAM	1	1		23.78		24.7
	CP-OFDM 64QAM	1	1		22.02		23.2
	CP-OFDM 256QAM	1	1		19.21		20.2
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	24.41	24.45	24.38	25.2
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	24.39	24.44	24.30	25.2
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	CP-OFDM QPSK	1	1	24.40	24.34	24.23	25.2
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	24.34	24.37	24.25	25.2
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	24.31	24.38	24.28	25.2
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	24.35	24.38	24.37	25.2
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	24.27	24.42	24.25	25.2

Reduce Power Ant3+5 DSI2

PC3_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		17.43		18
		1	137		17.16		18
		1	271		17.26		18
		137	0		17.28		18
		137	68		17.37		18
		137	136		17.25		18
		273	0		17.39		18
	CP-OFDM 16QAM	1	1		17.28		18
	CP-OFDM 64QAM	1	1		17.07		18
	CP-OFDM 256QAM	1	1		17.16		18
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	17.39	17.41	17.35	18
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	17.24	17.35	17.33	18
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	17.28	17.40	17.22	18
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	17.36	17.26	17.20	18
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	17.38	17.36	17.29	18

Reduce Power Ant3+5 DSI2

PC3_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	17.64	17.57	17.36	18
		1	137	17.21	16.99	17.07	18
		1	271	17.33	17.19	16.95	18
		137	0	17.36	17.24	17.10	18
		137	68	17.15	17.12	17.03	18
		137	136	17.28	17.22	16.94	18
		273	0	17.43	17.34	16.91	18
	CP-OFDM 16QAM	1	1	17.41	17.50	17.00	18
	CP-OFDM 64QAM	1	1	17.21	17.42	17.06	18
	CP-OFDM 256QAM	1	1	17.26	17.30	17.28	18
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	17.62	17.51	17.32	18
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	17.50	17.42	17.17	18
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	17.58	17.48	17.17	18
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	17.54	17.40	17.29	18
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	17.48	17.36	17.19	18

Reduce Power Ant3+5 DSI2

PC2_n77 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		17.53		18
		1	137		17.01		18
		1	271		17.17		18
		137	0		17.20		18
		137	68		17.23		18
		137	136		17.17		18
		273	0		17.10		18
	CP-OFDM 16QAM	1	1		17.46		18
	CP-OFDM 64QAM	1	1		17.19		18
	CP-OFDM 256QAM	1	1		17.07		18
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	17.46	17.51	17.35	18
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	17.33	17.36	17.20	18
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	17.42	17.43	17.34	18
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	17.37	17.40	17.26	18
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	17.45	17.46	17.33	18

Reduce Power Ant3+5 DSI2

PC2_n77 (SCS 30 kHz) 3700~3980MHz							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)
		Channel		650000	656000	662000	
		Frequence (MHz)		3750	3840	3930	
100M	CP-OFDM QPSK	1	1	17.57	17.49	17.46	18
		1	137	17.06	17.14	17.09	18
		1	271	17.26	17.25	16.85	18
		137	0	17.27	17.35	17.10	18
		137	68	17.28	17.37	17.11	18
		137	136	17.20	17.21	16.97	18
		273	0	17.19	17.35	16.86	18
	CP-OFDM 16QAM	1	1	17.56	17.26	17.06	18
	CP-OFDM 64QAM	1	1	17.32	17.17	17.03	18
	CP-OFDM 256QAM	1	1	17.14	17.22	17.22	18
BW	MCS Index	Channel		649334	656000	662666	Max. Tune-up
		Frequence (MHz)		3740.01	3840	3939.99	
80M	CP-OFDM QPSK	1	1	17.42	17.43	17.34	18
BW	MCS Index	Channel		648668	656000	663332	Max. Tune-up
		Frequence (MHz)		3730.02	3840	3949.98	
60M	CP-OFDM QPSK	1	1	17.49	17.40	17.35	18
BW	MCS Index	Channel		648000	656000	664000	Max. Tune-up
		Frequence (MHz)		3720	3840	3960	
40M	CP-OFDM QPSK	1	1	17.43	17.35	17.43	18
BW	MCS Index	Channel		647670	656000	664332	Max. Tune-up
		Frequence (MHz)		3715.05	3840	3964.98	
30M	CP-OFDM QPSK	1	1	17.43	17.41	17.34	18
BW	MCS Index	Channel		647334	656000	664666	Max. Tune-up
		Frequence (MHz)		3710.01	3840	3969.99	
20M	CP-OFDM QPSK	1	1	17.43	17.46	17.41	18

Reduce Power Ant3+5 DSI2

PC3_n78 (SCS 30 kHz) 3450~3550MHz							
BW	MCS Index	RB Size	RB Offset		Mid		Max. Tune-up (dBm)
		Channel			633334		
		Frequence (MHz)			3500.01		
100M	CP-OFDM QPSK	1	1		17.44		18
		1	137		17.27		18
		1	271		17.20		18
		137	0		17.25		18
		137	68		17.12		18
		137	136		17.19		18
		273	0		17.34		18
	CP-OFDM 16QAM	1	1		17.28		18
	CP-OFDM 64QAM	1	1		17.22		18
	CP-OFDM 256QAM	1	1		16.88		18
BW	MCS Index	Channel		633000	633334	633666	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99	
90M	CP-OFDM QPSK	1	1	17.17	17.31	17.15	18
BW	MCS Index	Channel		632668	633334	634000	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510	
80M	CP-OFDM QPSK	1	1	17.05	17.36	17.04	18
BW	MCS Index	Channel		632334	633334	634332	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98	
70M	CP-OFDM QPSK	1	1	17.10	17.30	17.09	18
BW	MCS Index	Channel		632000	633334	634666	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99	
60M	CP-OFDM QPSK	1	1	17.05	17.27	17.12	18
BW	MCS Index	Channel		631334	633334	635332	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98	
40M	CP-OFDM QPSK	1	1	17.11	17.29	17.09	18
BW	MCS Index	Channel		631002	633334	635664	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96	
30M	CP-OFDM QPSK	1	1	17.02	17.21	17.10	18
BW	MCS Index	Channel		630668	633334	636000	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540	
20M	CP-OFDM QPSK	1	1	17.10	17.27	17.07	18

Reduce Power Ant3+5 DSI2

PC2_n78 (SCS 30 kHz) 3450~3550MHz								
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)	Max. Tune-up (dBm)
		Channel			633334			
		Frequence (MHz)			3500.01			
100M	CP-OFDM QPSK	1	1		17.42			18
		1	137		17.26			18
		1	271		17.15			18
		137	0		17.29			18
		137	68		17.16			18
		137	136		17.19			18
		273	0		17.29			18
	CP-OFDM 16QAM	1	1		16.98			18
	CP-OFDM 64QAM	1	1		17.02			18
	CP-OFDM 256QAM	1	1		17.13			18
BW	MCS Index	Channel		633000	633334	633666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3495	3500.01	3504.99		
90M	CP-OFDM QPSK	1	1	17.21	17.39	17.14		18
BW	MCS Index	Channel		632668	633334	634000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3490.02	3500.01	3510		
80M	CP-OFDM QPSK	1	1	17.19	17.36	17.03		18
BW	MCS Index	Channel		632334	633334	634332	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3485.01	3500.01	3514.98		
70M	CP-OFDM QPSK	1	1	17.17	17.27	17.08		18
BW	MCS Index	Channel		632000	633334	634666	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3480	3500.01	3519.99		
60M	CP-OFDM QPSK	1	1	17.12	17.32	17.05		18
BW	MCS Index	Channel		631334	633334	635332	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3470.01	3500.01	3529.98		
40M	CP-OFDM QPSK	1	1	17.07	17.24	17.00		18
BW	MCS Index	Channel		631002	633334	635664	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3465.03	3500.01	3534.96		
30M	CP-OFDM QPSK	1	1	17.14	17.31	17.13		18
BW	MCS Index	Channel		630668	633334	636000	3GPP MPR	Max. Tune-up
		Frequence (MHz)		3460.02	3500.01	3540		
20M	CP-OFDM QPSK	1	1	17.12	17.28	17.06		18

Conducted Power

2.4GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.23	18.00	default	100%
		6	2437	17.43	18.00	default	
		11	2462	18.08	19.00	default	
	802.11g 6Mbps	1	2412	17.28	18.00	default	100%
		6	2437	17.41	18.00	default	
		11	2462	**18.23**	19.00	default	
	802.11n-HT20 MCS0	1	2412	15.43	16.00	default	100%
		6	2437	15.25	16.00	default	
		11	2462	15.77	17.00	default	
	802.11n-HT40 MCS0	3	2422	15.76	17.00	default	100%
		6	2437	15.42	16.00	default	
		9	2452	15.52	17.00	default	
	802.11ac-VHT20 MCS0	1	2412	15.39	16.00	default	100%
		6	2437	15.10	16.00	default	
		11	2462	15.79	17.00	default	
	802.11ac-VHT40 MCS0	3	2422	15.88	17.00	default	100%
		6	2437	15.53	17.00	default	
		9	2452	15.56	17.00	default	
	802.11ax-HE20 MCS0	1	2412	14.75	16.00	default	100%
		6	2437	15.11	16.00	default	
		11	2462	15.25	16.00	default	
	802.11ax-HE20 MCS0_RU26	1	2412	13.66	15.00	default	100%
		6	2437	14.95	15.00	default	
		11	2462	14.34	15.00	default	
	802.11ax-HE20 MCS0_RU52	1	2412	13.69	15.00	default	100%
		6	2437	14.49	15.00	default	
		11	2462	14.11	15.00	default	
	802.11ax-HE20 MCS0_RU106	1	2412	13.84	15.00	default	100%
		6	2437	14.82	15.00	default	
		11	2462	14.15	15.00	default	
	802.11ax-HE20 MCS0_RU_FULL	1	2412	13.76	15.00	default	100%
		6	2437	14.77	15.00	default	
		11	2462	14.18	15.00	default	
	802.11ax-HE40 MCS0	3	2422	15.05	16.00	default	100%
		6	2437	15.09	16.00	default	
		9	2452	14.81	16.00	default	
	802.11ax-HE40 MCS0_RU_FULL	3	2422	13.62	15.00	default	100%
		6	2437	13.94	15.00	default	
		9	2452	14.30	15.00	default	

2.4GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.92	13.00	17.00	100%
		6	2437	12.95	14.00	17.00	
		11	2462	13.12	14.00	17.00	
	802.11g 6Mbps	1	2412	11.89	13.00	17.00	100%
		6	2437	13.05	14.00	17.00	
		11	2462	**13.16**	14.00	17.00	
	802.11n-HT20 MCS0	1	2412	9.74	11.00	17.00	100%
		6	2437	10.83	12.00	17.00	
		11	2462	10.73	12.00	17.00	
	802.11n-HT40 MCS0	3	2422	10.54	12.00	17.00	100%
		6	2437	10.69	12.00	17.00	
		9	2452	10.67	12.00	17.00	
	802.11ac-VHT20 MCS0	1	2412	9.90	11.00	17.00	100%
		6	2437	10.63	12.00	17.00	
		11	2462	10.63	12.00	17.00	
	802.11ac-VHT40 MCS0	3	2422	10.52	12.00	17.00	100%
		6	2437	10.62	12.00	17.00	
		9	2452	10.71	12.00	17.00	
	802.11ax-HE20 MCS0	1	2412	10.56	12.00	17.00	100%
		6	2437	10.80	12.00	17.00	
		11	2462	11.32	12.00	17.00	
	802.11ax-HE20 MCS0_RU26	1	2412	9.20	10.00	17.00	100%
		6	2437	10.59	12.00	17.00	
		11	2462	10.22	11.00	17.00	
	802.11ax-HE20 MCS0_RU52	1	2412	9.24	10.00	17.00	100%
		6	2437	9.79	11.00	17.00	
		11	2462	10.27	11.00	17.00	
	802.11ax-HE20 MCS0_RU106	1	2412	9.30	10.00	17.00	100%
		6	2437	10.66	12.00	17.00	
		11	2462	10.35	11.00	17.00	
	802.11ax-HE20 MCS0_RU_FULL	1	2412	9.33	10.00	17.00	100%
		6	2437	10.68	12.00	17.00	
		11	2462	10.35	11.00	17.00	
	802.11ax-HE40 MCS0	3	2422	10.96	12.00	17.00	100%
		6	2437	10.91	12.00	17.00	
		9	2452	10.83	12.00	17.00	
	802.11ax-HE40 MCS0_RU_FULL	3	2422	9.30	10.00	17.00	100%
		6	2437	10.36	11.00	17.00	
		9	2452	9.93	11.00	17.00	

2.4GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.52	21.00	default	100%
		6	2437	19.99	21.00	default	
		11	2462	20.45	21.00	default	
	802.11g 6Mbps	1	2412	19.59	21.00	default	100%
		6	2437	20.11	21.00	default	
		11	2462	**20.58**	22.00	default	
	802.11n-HT20 MCS0	1	2412	17.73	19.00	default	100%
		6	2437	18.01	19.00	default	
		11	2462	18.31	19.00	default	
	802.11n-HT40 MCS0	3	2422	18.34	19.00	default	100%
		6	2437	18.15	19.00	default	
		9	2452	18.17	19.00	default	
	802.11ac-VHT20 MCS0	1	2412	17.71	19.00	default	100%
		6	2437	17.97	19.00	default	
		11	2462	18.28	19.00	default	
	802.11ac-VHT40 MCS0	3	2422	18.28	19.00	default	100%
		6	2437	18.13	19.00	default	
		9	2452	18.14	19.00	default	
	802.11ax-HE20 MCS0	1	2412	17.71	19.00	default	100%
		6	2437	18.02	19.00	default	
		11	2462	18.30	19.00	default	
	802.11ax-HE20 MCS0_RU26	1	2412	16.50	18.00	default	100%
		6	2437	17.91	19.00	default	
		11	2462	17.37	18.00	default	
	802.11ax-HE20 MCS0_RU52	1	2412	16.53	18.00	default	100%
		6	2437	17.27	18.00	default	
		11	2462	17.25	18.00	default	
	802.11ax-HE20 MCS0_RU106	1	2412	16.61	18.00	default	100%
		6	2437	17.82	19.00	default	
		11	2462	17.27	18.00	default	
	802.11ax-HE20 MCS0_RU_FULL	1	2412	16.57	18.00	default	100%
		6	2437	17.78	19.00	default	
		11	2462	17.31	18.00	default	
	802.11ax-HE40 MCS0	3	2422	18.09	19.00	default	100%
		6	2437	18.01	19.00	default	
		9	2452	17.80	19.00	default	
	802.11ax-HE40 MCS0_RU_FULL	3	2422	16.52	18.00	default	100%
		6	2437	17.19	18.00	default	
		9	2452	17.19	18.00	default	

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	36	5180	15.13	16.00	default	99.34%
		40	5200	14.95	16.00	default	
		44	5220	15.07	16.00	default	
		48	5240	**15.23**	16.00	default	
	802.11n-HT20 MCS0	36	5180	13.94	15.00	default	100%
		40	5200	13.75	15.00	default	
		48	5240	14.07	15.00	default	
	802.11n-HT40 MCS0	38	5190	13.94	15.00	default	100%
		46	5230	13.88	15.00	default	
	802.11ac-VHT20 MCS0	36	5180	13.65	15.00	default	100%
		40	5200	13.47	14.00	default	
		48	5240	13.74	15.00	default	
	802.11ac-VHT40 MCS0	38	5190	13.67	15.00	default	100%
		46	5230	13.81	15.00	default	
	802.11ac-VHT80 MCS0	42	5210	13.65	15.00	default	100%
	802.11ax-HE20 MCS0	36	5180	12.89	14.00	default	100%
		40	5200	12.92	14.00	default	
		48	5240	12.97	14.00	default	
	802.11ax-HE20 MCS0_RU26	36	5180	11.84	13.00	default	100%
		40	5200	11.49	12.00	default	
		48	5240	11.56	13.00	default	
	802.11ax-HE20 MCS0_RU52	36	5180	11.64	13.00	default	100%
		40	5200	11.83	13.00	default	
		48	5240	11.77	13.00	default	
	802.11ax-HE20 MCS0_RU106	36	5180	11.77	13.00	default	100%
		40	5200	11.69	13.00	default	
		48	5240	1.74	3.00	default	
	802.11ax-HE20 MCS0_RU_FULL	36	5180	11.72	13.00	default	100%
		40	5200	11.61	13.00	default	
		48	5240	11.46	12.00	default	
	802.11ax-HE40 MCS0	38	5190	13.05	14.00	default	100%
		46	5230	13.18	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	38	5190	11.47	12.00	default	100%
		46	5230	11.37	12.00	default	
	802.11ax-HE80 MCS0	42	5210	13.11	14.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	42	5210	11.87	13.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	13.87	15.00	default	99.34%
		40	5200	14.12	15.00	default	
		44	5220	14.32	15.00	default	
		48	5240	**14.77**	15.00	default	
	802.11n-HT20 MCS0	36	5180	12.56	14.00	default	100%
		40	5200	12.88	14.00	default	
		48	5240	13.43	14.00	default	
	802.11n-HT40 MCS0	38	5190	12.83	14.00	default	100%
		46	5230	13.59	15.00	default	
	802.11ac-VHT20 MCS0	36	5180	12.48	13.00	default	100%
		40	5200	12.74	14.00	default	
		48	5240	13.33	14.00	default	
	802.11ac-VHT40 MCS0	38	5190	12.48	13.00	default	100%
		46	5230	12.74	14.00	default	
	802.11ac-VHT80 MCS0	42	5210	13.11	14.00	default	100%
	802.11ax-HE20 MCS0	36	5180	12.46	13.00	default	100%
		40	5200	12.51	14.00	default	
		48	5240	12.75	14.00	default	
	802.11ax-HE20 MCS0_RU26	36	5180	12.12	13.00	default	100%
		40	5200	12.21	13.00	default	
		48	5240	11.91	13.00	default	
	802.11ax-HE20 MCS0_RU52	36	5180	12.09	13.00	default	100%
		40	5200	12.10	13.00	default	
		48	5240	12.31	13.00	default	
	802.11ax-HE20 MCS0_RU106	36	5180	11.99	13.00	default	100%
		40	5200	12.05	13.00	default	
		48	5240	12.24	13.00	default	
	802.11ax-HE20 MCS0_RU_FULL	36	5180	12.02	13.00	default	100%
		40	5200	12.11	13.00	default	
		48	5240	12.40	13.00	default	
	802.11ax-HE40 MCS0	38	5190	12.40	13.00	default	100%
		46	5230	12.81	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	38	5190	11.83	13.00	default	100%
		46	5230	12.25	13.00	default	
	802.11ax-HE80 MCS0	42	5210	12.96	14.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	42	5210	12.36	13.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.83	19.00	default	99.34%
		40	5200	17.82	19.00	default	
		44	5220	18.05	19.00	default	
		48	5240	**18.26**	19.00	default	
	802.11n-HT20 MCS0	36	5180	16.23	17.00	default	100%
		40	5200	16.24	17.00	default	
		48	5240	16.66	18.00	default	
	802.11n-HT40 MCS0	38	5190	16.36	17.00	default	100%
		46	5230	16.63	18.00	default	
	802.11ac-VHT20 MCS0	36	5180	16.96	18.00	default	100%
		40	5200	16.83	18.00	default	
		48	5240	17.16	18.00	default	
	802.11ac-VHT40 MCS0	38	5190	16.73	18.00	default	100%
		46	5230	17.07	18.00	default	
	802.11ac-VHT80 MCS0	42	5210	16.79	18.00	default	100%
	802.11ax-HE20 MCS0	36	5180	15.79	17.00	default	100%
		40	5200	15.81	17.00	default	
		48	5240	15.96	17.00	default	
	802.11ax-HE20 MCS0_RU26	36	5180	15.08	16.00	default	100%
		40	5200	14.95	16.00	default	
		48	5240	14.87	16.00	default	
	802.11ax-HE20 MCS0_RU52	36	5180	14.99	16.00	default	100%
		40	5200	15.00	16.00	default	
		48	5240	15.16	16.00	default	
	802.11ax-HE20 MCS0_RU106	36	5180	14.99	16.00	default	100%
		40	5200	14.99	16.00	default	
		48	5240	15.11	16.00	default	
	802.11ax-HE20 MCS0_RU_FULL	36	5180	15.02	16.00	default	100%
		40	5200	14.99	16.00	default	
		48	5240	15.09	16.00	default	
	802.11ax-HE40 MCS0	38	5190	15.87	17.00	default	100%
		46	5230	16.01	17.00	default	
	802.11ax-HE40 MCS0_RU_FULL	38	5190	14.77	16.00	default	100%
		46	5230	14.98	16.00	default	
	802.11ax-HE80 MCS0	42	5210	16.14	17.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	42	5210	15.25	16.00	default	100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	**16.59**	17.00	default	99.34%
		56	5280	15.22	16.00	default	
		60	5300	15.21	16.00	default	
		64	5320	15.03	16.00	default	
	802.11n-HT20 MCS0	52	5260	14.15	15.00	default	100%
		60	5300	13.85	15.00	default	
		64	5320	13.69	15.00	default	
	802.11n-HT40 MCS0	54	5270	14.17	15.00	default	100%
		62	5310	13.88	15.00	default	
	802.11ac-VHT20 MCS0	52	5260	13.66	15.00	default	100%
		60	5300	13.60	15.00	default	
		64	5320	13.45	14.00	default	
	802.11ac-VHT40 MCS0	54	5270	14.02	15.00	default	100%
		62	5310	13.63	15.00	default	
	802.11ac-VHT80 MCS0	58	5290	13.72	15.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	12.67	14.00	default	100%
	802.11ax-HE20 MCS0	52	5260	12.55	14.00	default	100%
		60	5300	12.83	14.00	default	
		64	5320	12.66	14.00	default	
	802.11ax-HE20 MCS0_RU26	52	5260	11.73	13.00	default	100%
		60	5300	11.67	13.00	default	
		64	5320	11.47	12.00	default	
	802.11ax-HE20 MCS0_RU52	52	5260	11.65	13.00	default	100%
		60	5300	11.60	13.00	default	
		64	5320	11.51	13.00	default	
	802.11ax-HE20 MCS0_RU106	52	5260	11.74	13.00	default	100%
		60	5300	11.70	13.00	default	
		64	5320	11.53	13.00	default	
	802.11ax-HE20 MCS0_RU_FULL	52	5260	11.66	13.00	default	100%
		60	5300	11.31	12.00	default	
		64	5320	11.32	12.00	default	
	802.11ax-HE40 MCS0	54	5270	12.96	14.00	default	100%
		62	5310	12.96	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	54	5270	11.52	13.00	default	100%
		62	5310	10.92	12.00	default	
	802.11ax-HE80 MCS0	58	5290	12.95	14.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	58	5290	11.55	13.00	default	100%
	802.11ax-HE160 MCS0	50	5250	12.04	13.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	50	5250	11.79	13.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.50	15.00	default	99.34%
		56	5280	14.51	16.00	default	
		60	5300	14.67	16.00	default	
		64	5320	**15.00**	16.00	default	
	802.11n-HT20 MCS0	52	5260	13.12	14.00	default	100%
		60	5300	13.32	14.00	default	
		64	5320	13.67	15.00	default	
	802.11n-HT40 MCS0	54	5270	13.17	14.00	default	100%
		62	5310	13.68	15.00	default	
	802.11ac-VHT20 MCS0	52	5260	13.06	14.00	default	100%
		60	5300	13.18	14.00	default	
		64	5320	13.51	15.00	default	
	802.11ac-VHT40 MCS0	54	5270	13.33	14.00	default	100%
		62	5310	14.49	15.00	default	
	802.11ac-VHT80 MCS0	58	5290	13.02	14.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	12.03	13.00	default	100%
	802.11ax-HE20 MCS0	52	5260	12.90	14.00	default	100%
		60	5300	13.13	14.00	default	
		64	5320	13.07	14.00	default	
	802.11ax-HE20 MCS0_RU26	52	5260	12.71	14.00	default	100%
		60	5300	12.24	13.00	default	
		64	5320	12.20	13.00	default	
	802.11ax-HE20 MCS0_RU52	52	5260	12.53	14.00	default	100%
		60	5300	12.66	14.00	default	
		64	5320	12.58	14.00	default	
	802.11ax-HE20 MCS0_RU106	52	5260	12.54	14.00	default	100%
		60	5300	12.61	14.00	default	
		64	5320	12.56	14.00	default	
	802.11ax-HE20 MCS0_RU_FULL	52	5260	12.68	14.00	default	100%
		60	5300	12.66	14.00	default	
		64	5320	12.63	14.00	default	
	802.11ax-HE40 MCS0	54	5270	12.82	14.00	default	100%
		62	5310	13.01	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	54	5270	12.34	13.00	default	100%
		62	5310	12.45	13.00	default	
	802.11ax-HE80 MCS0	58	5290	12.93	14.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	58	5290	12.52	14.00	default	100%
	802.11ax-HE160 MCS0	50	5250	11.99	13.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	50	5250	11.81	13.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	**18.36**	19.00	default	99.34%
		56	5280	18.24	19.00	default	
		60	5300	18.19	19.00	default	
		64	5320	18.22	19.00	default	
	802.11n-HT20 MCS0	52	5260	16.59	18.00	default	100%
		60	5300	16.49	17.00	default	
		64	5320	16.57	18.00	default	
	802.11n-HT40 MCS0	54	5270	16.55	18.00	default	100%
		62	5310	16.66	18.00	default	
	802.11ac-VHT20 MCS0	52	5260	17.11	18.00	default	100%
		60	5300	17.05	18.00	default	
		64	5320	17.07	18.00	default	
	802.11ac-VHT40 MCS0	54	5270	16.98	18.00	default	100%
		62	5310	17.02	18.00	default	
	802.11ac-VHT80 MCS0	58	5290	16.76	18.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	15.74	17.00	default	100%
	802.11ax-HE20 MCS0	52	5260	16.05	17.00	default	100%
		60	5300	16.06	17.00	default	
		64	5320	16.04	17.00	default	
	802.11ax-HE20 MCS0_RU26	52	5260	15.08	16.00	default	100%
		60	5300	15.06	16.00	default	
		64	5320	14.92	16.00	default	
	802.11ax-HE20 MCS0_RU52	52	5260	15.25	16.00	default	100%
		60	5300	15.26	16.00	default	
		64	5320	15.17	16.00	default	
	802.11ax-HE20 MCS0_RU106	52	5260	15.30	16.00	default	100%
		60	5300	15.28	16.00	default	
		64	5320	15.21	16.00	default	
	802.11ax-HE20 MCS0_RU_FULL	52	5260	15.30	16.00	default	100%
		60	5300	15.17	16.00	default	
		64	5320	15.11	16.00	default	
	802.11ax-HE40 MCS0	54	5270	16.02	17.00	default	100%
		62	5310	16.07	17.00	default	
	802.11ax-HE40 MCS0_RU_FULL	54	5270	15.07	16.00	default	100%
		62	5310	14.86	16.00	default	
	802.11ax-HE80 MCS0	58	5290	16.03	17.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	58	5290	15.19	16.00	default	100%
	802.11ax-HE160 MCS0	50	5250	15.14	16.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	50	5250	15.07	16.00	default	100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	14.91	16.00	default	99.34%
		116	5580	14.94	16.00	default	
		124	5620	15.02	16.00	default	
		140	5700	**15.15**	16.00	default	
	802.11n-HT20 MCS0	100	5500	13.73	15.00	default	100%
		116	5580	13.82	15.00	default	
		140	5700	13.64	15.00	default	
	802.11n-HT40 MCS0	102	5510	13.77	15.00	default	100%
		110	5550	13.69	15.00	default	
		134	5670	13.70	15.00	default	
	802.11ac-VHT20 MCS0	100	5500	13.56	15.00	default	100%
		116	5580	13.58	15.00	default	
		140	5700	13.61	15.00	default	
	802.11ac-VHT40 MCS0	102	5510	13.67	15.00	default	100%
		110	5550	13.48	14.00	default	
		134	5670	13.63	15.00	default	
	802.11ac-VHT80 MCS0	106	5530	13.32	14.00	default	100%
		122	5610	13.32	14.00	default	
	802.11ac-VHT160 MCS0	114	5570	12.31	13.00	default	100%
	802.11ax-HE20 MCS0	100	5500	13.38	14.00	default	100%
		116	5580	13.19	14.00	default	
		140	5700	13.18	14.00	default	
	802.11ax-HE20 MCS0_RU26	100	5500	12.19	13.00	default	100%
		116	5580	12.00	13.00	default	
		140	5700	11.59	13.00	default	
	802.11ax-HE20 MCS0_RU52	100	5500	12.21	13.00	default	100%
		116	5580	12.12	13.00	default	
		140	5700	11.50	13.00	default	
	802.11ax-HE20 MCS0_RU106	100	5500	12.22	13.00	default	100%
		116	5580	12.10	13.00	default	
		140	5700	11.89	13.00	default	
	802.11ax-HE20 MCS0_RU_FULL	100	5500	11.77	13.00	default	100%
		116	5580	11.78	13.00	default	
		140	5700	11.40	12.00	default	
	802.11ax-HE40 MCS0	102	5510	13.52	15.00	default	100%
		110	5550	13.41	14.00	default	
		134	5670	13.02	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	102	5510	11.55	13.00	default	100%
		110	5550	11.46	12.00	default	
		134	5670	11.18	12.00	default	
	802.11ax-HE80 MCS0	106	5530	13.51	15.00	default	100%
		122	5610	13.21	14.00	default	
	802.11ax-HE80 MCS0_RU_FULL	106	5530	11.82	13.00	default	100%
		122	5610	11.88	13.00	default	
	802.11ax-HE160 MCS0	114	5570	12.32	13.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	114	5570	11.67	13.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.26	16.00	default	99.34%
		116	5580	14.79	16.00	default	
		124	5620	15.13	16.00	default	
		140	5700	**15.56**	17.00	default	
	802.11n-HT20 MCS0	100	5500	13.81	15.00	default	100%
		116	5580	13.47	14.00	default	
		140	5700	14.18	15.00	default	
	802.11n-HT40 MCS0	102	5510	14.28	15.00	default	100%
		110	5550	13.50	14.00	default	
		134	5670	13.58	15.00	default	
	802.11ac-VHT20 MCS0	100	5500	13.74	15.00	default	100%
		116	5580	13.35	14.00	default	
		140	5700	14.11	15.00	default	
	802.11ac-VHT40 MCS0	102	5510	14.03	15.00	default	100%
		110	5550	13.28	14.00	default	
		134	5670	13.45	14.00	default	
	802.11ac-VHT80 MCS0	106	5530	13.56	15.00	default	100%
		122	5610	13.78	15.00	default	
	802.11ac-VHT160 MCS0	114	5570	12.79	14.00	default	100%
	802.11ax-HE20 MCS0	100	5500	13.70	15.00	default	100%
		116	5580	14.01	15.00	default	
		140	5700	13.78	15.00	default	
	802.11ax-HE20 MCS0_RU26	100	5500	12.86	14.00	default	100%
		116	5580	13.19	14.00	default	
		140	5700	13.28	14.00	default	
	802.11ax-HE20 MCS0_RU52	100	5500	13.14	14.00	default	100%
		116	5580	13.52	15.00	default	
		140	5700	13.36	14.00	default	
	802.11ax-HE20 MCS0_RU106	100	5500	13.20	14.00	default	100%
		116	5580	13.57	15.00	default	
		140	5700	13.48	14.00	default	
	802.11ax-HE20 MCS0_RU_FULL	100	5500	13.17	14.00	default	100%
		116	5580	13.56	15.00	default	
		140	5700	13.48	14.00	default	
	802.11ax-HE40 MCS0	102	5510	13.61	15.00	default	100%
		110	5550	13.57	15.00	default	
		134	5670	13.67	15.00	default	
	802.11ax-HE40 MCS0_RU_FULL	102	5510	12.86	14.00	default	100%
		110	5550	12.84	14.00	default	
		134	5670	13.08	14.00	default	
	802.11ax-HE80 MCS0	106	5530	13.64	15.00	default	100%
		122	5610	13.91	15.00	default	
	802.11ax-HE80 MCS0_RU_FULL	106	5530	12.94	14.00	default	100%
		122	5610	13.33	14.00	default	
	802.11ax-HE160 MCS0	114	5570	13.02	14.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	114	5570	13.01	14.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.33	19.00	default	99.34%
		116	5580	18.05	19.00	default	
		124	5620	18.21	19.00	default	
		140	5700	**18.84**	20.00	default	
	802.11n-HT20 MCS0	100	5500	16.75	18.00	default	100%
		116	5580	16.59	18.00	default	
		140	5700	16.99	18.00	default	
	802.11n-HT40 MCS0	102	5510	16.91	18.00	default	100%
		110	5550	16.31	17.00	default	
		134	5670	16.55	18.00	default	
	802.11ac-VHT20 MCS0	100	5500	17.20	18.00	default	100%
		116	5580	16.97	18.00	default	
		140	5700	17.39	18.00	default	
	802.11ac-VHT40 MCS0	102	5510	17.15	18.00	default	100%
		110	5550	16.62	18.00	default	
		134	5670	16.72	18.00	default	
	802.11ac-VHT80 MCS0	106	5530	16.67	18.00	default	100%
		122	5610	16.82	18.00	default	
	802.11ac-VHT160 MCS0	114	5570	15.80	17.00	default	100%
	802.11ax-HE20 MCS0	100	5500	16.65	18.00	default	100%
		116	5580	16.70	18.00	default	
		140	5700	16.65	18.00	default	
	802.11ax-HE20 MCS0_RU26	100	5500	15.65	17.00	default	100%
		116	5580	15.78	17.00	default	
		140	5700	15.64	17.00	default	
	802.11ax-HE20 MCS0_RU52	100	5500	15.82	17.00	default	100%
		116	5580	15.98	17.00	default	
		140	5700	15.68	17.00	default	
	802.11ax-HE20 MCS0_RU106	100	5500	15.86	17.00	default	100%
		116	5580	16.00	17.00	default	
		140	5700	15.87	17.00	default	
	802.11ax-HE20 MCS0_RU_FULL	100	5500	15.62	17.00	default	100%
		116	5580	15.83	17.00	default	
		140	5700	15.65	17.00	default	
	802.11ax-HE40 MCS0	102	5510	16.65	18.00	default	100%
		110	5550	16.60	18.00	default	
		134	5670	16.49	17.00	default	
	802.11ax-HE40 MCS0_RU_FULL	102	5510	15.39	16.00	default	100%
		110	5550	15.38	16.00	default	
		134	5670	15.36	16.00	default	
	802.11ax-HE80 MCS0	106	5530	16.67	18.00	default	100%
		122	5610	16.70	18.00	default	
	802.11ax-HE80 MCS0_RU_FULL	106	5530	15.51	17.00	default	100%
		122	5610	15.80	17.00	default	
	802.11ax-HE160 MCS0	114	5570	15.81	17.00	default	100%
	802.11ax-HE160 MCS0_RU_FULL	114	5570	15.54	17.00	default	100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.41	15.00	default	99.48%
		157	5785	**15.08**	16.00	default	
		165	5825	14.53	16.00	default	
	802.11n-HT20 MCS0	149	5745	13.04	14.00	default	100%
		157	5785	13.87	15.00	default	
		165	5825	13.27	14.00	default	
	802.11n-HT40 MCS0	151	5755	13.74	15.00	default	100%
		159	5795	14.03	15.00	default	
	802.11ac-VHT20 MCS0	149	5745	12.85	14.00	default	100%
		157	5785	13.70	15.00	default	
		165	5825	13.05	14.00	default	
	802.11ac-VHT40 MCS0	151	5755	13.68	15.00	default	100%
		159	5795	13.93	15.00	default	
	802.11ac-VHT80 MCS0	155	5775	13.54	15.00	default	100%
	802.11ax-HE20 MCS0	149	5745	12.87	14.00	default	100%
		157	5785	13.24	14.00	default	
		165	5825	13.32	14.00	default	
	802.11ax-HE20 MCS0_RU26	149	5745	11.38	12.00	default	100%
		157	5785	11.46	12.00	15.00	
		165	5825	11.71	13.00	18.00	
	802.11ax-HE20 MCS0_RU52	149	5745	11.46	12.00	15.50	100%
		157	5785	11.65	13.00	default	
		165	5825	11.59	13.00	15.50	
	802.11ax-HE20 MCS0_RU106	149	5745	11.12	12.00	15.00	100%
		157	5785	11.33	12.00	15.00	
		165	5825	11.45	12.00	default	
	802.11ax-HE20 MCS0_RU_FULL	149	5745	11.07	12.00	15.50	100%
		157	5785	11.26	12.00	15.00	
		165	5825	11.42	12.00	default	
	802.11ax-HE40 MCS0	151	5755	13.26	14.00	default	100%
		159	5795	13.20	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	151	5755	11.29	12.00	15.50	100%
		159	5795	11.19	12.00	15.50	
	802.11ax-HE80 MCS0	155	5775	13.16	14.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	155	5775	11.65	13.00	15.50	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.16	15.00	default	99.48%
		157	5785	**14.93**	16.00	default	
		165	5825	14.75	16.00	default	
	802.11n-HT20 MCS0	149	5745	12.80	14.00	default	100%
		157	5785	13.72	15.00	default	
		165	5825	13.28	14.00	default	
	802.11n-HT40 MCS0	151	5755	13.11	14.00	default	100%
		159	5795	13.53	15.00	default	
	802.11ac-VHT20 MCS0	149	5745	12.74	14.00	default	100%
		157	5785	13.60	15.00	default	
		165	5825	13.16	14.00	default	
	802.11ac-VHT40 MCS0	151	5755	13.05	14.00	default	100%
		159	5795	13.41	14.00	default	
	802.11ac-VHT80 MCS0	155	5775	13.44	14.00	default	100%
	802.11ax-HE20 MCS0	149	5745	13.36	14.00	default	100%
		157	5785	13.64	15.00	default	
		165	5825	13.42	14.00	default	
	802.11ax-HE20 MCS0_RU26	149	5745	12.63	14.00	default	100%
		157	5785	13.12	14.00	15.00	
		165	5825	12.84	14.00	18.00	
	802.11ax-HE20 MCS0_RU52	149	5745	12.98	14.00	15.50	100%
		157	5785	13.20	14.00	default	
		165	5825	12.88	14.00	15.50	
	802.11ax-HE20 MCS0_RU106	149	5745	13.06	14.00	15.00	100%
		157	5785	13.24	14.00	15.00	
		165	5825	12.97	14.00	default	
	802.11ax-HE20 MCS0_RU_FULL	149	5745	13.01	14.00	15.00	100%
		157	5785	13.22	14.00	15.00	
		165	5825	13.00	14.00	default	
	802.11ax-HE40 MCS0	151	5755	13.41	14.00	default	100%
		159	5795	13.17	14.00	default	
	802.11ax-HE40 MCS0_RU_FULL	151	5755	12.80	14.00	15.50	100%
		159	5795	12.57	14.00	15.50	
	802.11ax-HE80 MCS0	155	5775	13.76	15.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	155	5775	13.12	14.00	15.50	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.45	18.00	default	99.48%
		157	5785	**18.13**	19.00	default	
		165	5825	17.77	19.00	default	
	802.11n-HT20 MCS0	149	5745	15.88	17.00	default	100%
		157	5785	16.69	18.00	default	
		165	5825	16.18	17.00	default	
	802.11n-HT40 MCS0	151	5755	16.29	17.00	default	100%
		159	5795	16.64	18.00	default	
	802.11ac-VHT20 MCS0	149	5745	16.22	17.00	default	100%
		157	5785	16.99	18.00	default	
		165	5825	16.75	18.00	default	
	802.11ac-VHT40 MCS0	151	5755	16.55	18.00	default	100%
		159	5795	16.94	18.00	default	
	802.11ac-VHT80 MCS0	155	5775	16.67	18.00	default	100%
	802.11ax-HE20 MCS0	149	5745	16.25	17.00	default	100%
		157	5785	16.56	18.00	default	
		165	5825	16.50	18.00	default	
	802.11ax-HE20 MCS0_RU26	149	5745	15.33	16.00	default	100%
		157	5785	15.48	16.00	default	
		165	5825	15.43	16.00	default	
	802.11ax-HE20 MCS0_RU52	149	5745	15.36	16.00	default	100%
		157	5785	15.57	17.00	default	
		165	5825	15.42	16.00	default	
	802.11ax-HE20 MCS0_RU106	149	5745	15.28	16.00	default	100%
		157	5785	15.51	17.00	default	
		165	5825	15.41	16.00	default	
	802.11ax-HE20 MCS0_RU_FULL	149	5745	15.26	16.00	default	100%
		157	5785	15.47	16.00	default	
		165	5825	15.38	16.00	default	
	802.11ax-HE40 MCS0	151	5755	16.43	17.00	default	100%
		159	5795	16.29	17.00	default	
	802.11ax-HE40 MCS0_RU_FULL	151	5755	15.19	16.00	default	100%
		159	5795	15.07	16.00	default	
	802.11ax-HE80 MCS0	155	5775	16.54	18.00	default	100%
	802.11ax-HE80 MCS0_RU_FULL	155	5775	15.58	17.00	default	100%

BT	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
BLE	1M	0	2402	**8.94**	10.00	default	86.94%
		19	2440	8.28	9.00	default	
		39	2480	7.76	9.00	default	
	2M	0	2404	11.03	12.00	default	32.72%
		19	2440	**11.23**	12.00	default	
		38	2478	10.82	12.00	default	
	S2	0	2402	9.16	10.00	default	81.02%
		19	2440	8.52	10.00	default	
		39	2480	8.12	9.00	default	
	S8	0	2402	8.32	9.00	default	94.57%
		19	2440	7.75	9.00	default	
		39	2480	7.35	8.00	default	
BR/EDR	GFSK	0	2402	10.41	11.00	default	45.97%
		39	2441	10.13	11.00	default	
		78	2480	**10.47**	11.00	default	
	DQPSK	0	2402	9.55	11.00	default	46.31%
		39	2441	8.73	10.00	default	
		78	2480	7.93	9.00	default	
	8DPSK	0	2402	9.47	10.00	default	46.31%
		39	2441	8.78	10.00	default	
		78	2480	7.94	9.00	default	

Beamforming

2.4GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11n-HT20 MCS0	1	2412	15.43	16.00	default	100%
		6	2437	15.25	16.00	default	
		11	2462	15.77	17.00	default	
	802.11n-HT40 MCS0	3	2422	15.76	17.00	default	100%
		6	2437	15.42	16.00	default	
		9	2452	15.52	17.00	default	
	802.11ac-VHT20 MCS0	1	2412	15.39	16.00	default	100%
		6	2437	15.10	16.00	default	
		11	2462	15.79	17.00	default	
	802.11ac-VHT40 MCS0	3	2422	**15.86**	17.00	default	100%
		6	2437	15.53	17.00	default	
		9	2452	15.56	17.00	default	

2.4GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11n-HT20 MCS0	1	2412	9.74	11.00	17.00	100%
		6	2437	**10.83**	12.00	17.00	
		11	2462	10.73	12.00	17.00	
	802.11n-HT40 MCS0	3	2422	10.54	12.00	17.00	100%
		6	2437	10.69	12.00	17.00	
		9	2452	10.67	12.00	17.00	
	802.11ac-VHT20 MCS0	1	2412	9.90	11.00	17.00	100%
		6	2437	10.63	12.00	17.00	
		11	2462	**10.83**	12.00	17.00	
	802.11ac-VHT40 MCS0	3	2422	10.52	12.00	17.00	100%
		6	2437	10.62	12.00	17.00	
		9	2452	10.71	12.00	17.00	

2.4GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11n-HT20 MCS0	1	2412	17.73	19.00	default	100%
		6	2437	18.01	19.00	default	
		11	2462	18.31	19.00	default	
	802.11n-HT40 MCS0	3	2422	**18.34**	19.00	default	100%
		6	2437	18.15	19.00	default	
		9	2452	18.17	19.00	default	
	802.11ac-VHT20 MCS0	1	2412	17.71	19.00	default	100%
		6	2437	17.97	19.00	default	
		11	2462	18.28	19.00	default	
	802.11ac-VHT40 MCS0	3	2422	18.28	19.00	default	100%
		6	2437	18.13	19.00	default	
		9	2452	18.14	19.00	default	

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11n-HT20 MCS0	36	5180	13.94	15.00	default	100%
		40	5200	13.75	15.00	default	
		48	5240	**14.07**	15.00	default	
	802.11n-HT40 MCS0	38	5190	13.94	15.00	default	100%
		46	5230	13.88	15.00	default	
	802.11ac-VHT20 MCS0	36	5180	13.65	15.00	default	100%
		40	5200	13.47	14.00	default	
		48	5240	13.74	15.00	default	
	802.11ac-VHT40 MCS0	38	5190	13.67	15.00	default	100%
		46	5230	13.91	15.00	default	
	802.11ac-VHT80 MCS0	42	5210	13.66	15.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11n-HT20 MCS0	36	5180	12.56	14.00	default	100%
		40	5200	12.88	14.00	default	
		48	5240	13.43	14.00	default	
	802.11n-HT40 MCS0	38	5190	12.83	14.00	default	100%
		46	5230	**13.59**	15.00	default	
	802.11ac-VHT20 MCS0	36	5180	12.48	13.00	default	100%
		40	5200	12.74	14.00	default	
		48	5240	13.33	14.00	default	
	802.11ac-VHT40 MCS0	38	5190	12.48	13.00	default	100%
		46	5230	12.74	14.00	default	
	802.11ac-VHT80 MCS0	42	5210	13.11	14.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11n-HT20 MCS0	36	5180	16.23	17.00		100%
		40	5200	16.24	17.00		
		48	5240	16.66	18.00		
	802.11n-HT40 MCS0	38	5190	16.36	17.00		100%
		46	5230	16.63	18.00		
	802.11ac-VHT20 MCS0	36	5180	16.96	18.00		100%
		40	5200	16.83	18.00		
		48	5240	**17.16**	18.00		
	802.11ac-VHT40 MCS0	38	5190	16.73	18.00		100%
		46	5230	17.07	18.00		
	802.11ac-VHT80 MCS0	42	5210	16.79	18.00		100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11n-HT20 MCS0	52	5260	14.15	15.00	default	100%
		60	5300	13.85	15.00	default	
		64	5320	13.69	15.00	default	
	802.11n-HT40 MCS0	54	5270	**14.17**	15.00	default	100%
		62	5310	13.88	15.00	default	
	802.11ac-VHT20 MCS0	52	5260	13.86	15.00	default	100%
		60	5300	13.60	15.00	default	
		64	5320	13.45	14.00	default	
	802.11ac-VHT40 MCS0	54	5270	14.02	15.00	default	100%
		62	5310	13.63	15.00	default	
	802.11ac-VHT80 MCS0	58	5290	13.72	15.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	12.67	14.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11n-HT20 MCS0	52	5260	13.12	14.00	default	100%
		60	5300	13.32	14.00	default	
		64	5320	13.67	15.00	default	
	802.11n-HT40 MCS0	54	5270	13.17	14.00	default	100%
		62	5310	13.68	15.00	default	
	802.11ac-VHT20 MCS0	52	5260	13.08	14.00	default	100%
		60	5300	13.18	14.00	default	
		64	5320	13.51	15.00	default	
	802.11ac-VHT40 MCS0	54	5270	13.33	14.00	default	100%
		62	5310	**14.49**	15.00	default	
	802.11ac-VHT80 MCS0	58	5290	13.02	14.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	12.03	13.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11n-HT20 MCS0	52	5260	16.59	18.00	default	100%
		60	5300	16.49	17.00	default	
		64	5320	16.57	18.00	default	
	802.11n-HT40 MCS0	54	5270	16.55	18.00	default	100%
		62	5310	16.66	18.00	default	
	802.11ac-VHT20 MCS0	52	5260	**17.11**	18.00	default	100%
		60	5300	17.05	18.00	default	
		64	5320	17.07	18.00	default	
	802.11ac-VHT40 MCS0	54	5270	16.98	18.00	default	100%
		62	5310	17.02	18.00	default	
	802.11ac-VHT80 MCS0	58	5290	16.76	18.00	default	100%
	802.11ac-VHT160 MCS0	50	5250	15.74	17.00	default	100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11n-HT20 MCS0	100	5500	13.73	15.00	default	100%
		116	5580	13.82	15.00	default	
		140	5700	**13.84**	15.00	default	
	802.11n-HT40 MCS0	102	5510	13.77	15.00	default	100%
		110	5550	13.69	15.00	default	
		134	5670	13.70	15.00	default	
	802.11ac-VHT20 MCS0	100	5500	13.56	15.00	default	100%
		116	5580	13.58	15.00	default	
		140	5700	13.61	15.00	default	
	802.11ac-VHT40 MCS0	102	5510	13.67	15.00	default	100%
		110	5550	13.48	14.00	default	
		134	5670	13.63	15.00	default	
	802.11ac-VHT80 MCS0	106	5530	13.32	14.00	default	100%
		122	5610	13.32	14.00	default	
	802.11ac-VHT160 MCS0	114	5570	12.31	13.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11n-HT20 MCS0	100	5500	13.81	15.00	default	100%
		116	5580	13.47	14.00	default	
		140	5700	14.18	15.00	default	
	802.11n-HT40 MCS0	102	5510	**14.28**	15.00	default	100%
		110	5550	13.50	14.00	default	
		134	5670	13.58	15.00	default	
	802.11ac-VHT20 MCS0	100	5500	13.74	15.00	default	100%
		116	5580	13.35	14.00	default	
		140	5700	14.11	15.00	default	
	802.11ac-VHT40 MCS0	102	5510	14.03	15.00	default	100%
		110	5550	13.28	14.00	default	
		134	5670	13.45	14.00	default	
	802.11ac-VHT80 MCS0	106	5530	13.56	15.00	default	100%
		122	5610	13.78	15.00	default	
	802.11ac-VHT160 MCS0	114	5570	12.79	14.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11n-HT20 MCS0	100	5500	16.75	18.00	default	100%
		116	5580	16.59	18.00	default	
		140	5700	16.99	18.00	default	
	802.11n-HT40 MCS0	102	5510	16.91	18.00	default	100%
		110	5550	16.31	17.00	default	
		134	5670	16.55	18.00	default	
	802.11ac-VHT20 MCS0	100	5500	17.20	18.00	default	100%
		116	5580	16.97	18.00	default	
		140	5700	**17.39**	18.00	default	
	802.11ac-VHT40 MCS0	102	5510	17.15	18.00	default	100%
		110	5550	16.62	18.00	default	
		134	5670	16.72	18.00	default	
	802.11ac-VHT80 MCS0	106	5530	16.67	18.00	default	100%
		122	5610	16.62	18.00	default	
	802.11ac-VHT160 MCS0	114	5570	15.80	17.00	default	100%

5GHz WLAN	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11n-HT20 MCS0	149	5745	13.04	14.00	default	100%
		157	5785	13.87	15.00	default	
		165	5825	13.27	14.00	default	
	802.11n-HT40 MCS0	151	5755	13.74	15.00	default	100%
		159	5795	**14.03**	15.00	default	
	802.11ac-VHT20 MCS0	149	5745	12.85	14.00	default	100%
		157	5785	13.70	15.00	default	
		165	5825	13.05	14.00	default	
	802.11ac-VHT40 MCS0	151	5755	13.68	15.00	default	100%
		159	5795	13.93	15.00	default	
	802.11ac-VHT80 MCS0	155	5775	13.54	15.00	default	100%

5GHz WLAN	Ant 6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11n-HT20 MCS0	149	5745	12.80	14.00	default	100%
		157	5785	**13.72**	15.00	default	
		165	5825	13.28	14.00	default	
	802.11n-HT40 MCS0	151	5755	13.11	14.00	default	100%
		159	5795	13.53	15.00	default	
	802.11ac-VHT20 MCS0	149	5745	12.74	14.00	default	100%
		157	5785	13.60	15.00	default	
		165	5825	13.16	14.00	default	
	802.11ac-VHT40 MCS0	151	5755	13.05	14.00	default	100%
		159	5795	13.41	14.00	default	
	802.11ac-VHT80 MCS0	155	5775	13.44	14.00	default	100%

5GHz WLAN	Ant 5+6						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN	802.11n-HT20 MCS0	149	5745	15.88	17.00	default	100%
		157	5785	16.69	18.00	default	
		165	5825	16.18	17.00	default	
	802.11n-HT40 MCS0	151	5755	16.29	17.00	default	100%
		159	5795	16.64	18.00	default	
	802.11ac-VHT20 MCS0	149	5745	16.22	17.00	default	100%
		157	5785	**16.99**	18.00	default	
		165	5825	16.76	18.00	default	
	802.11ac-VHT40 MCS0	151	5755	16.55	18.00	default	100%
		159	5795	16.94	18.00	default	
	802.11ac-VHT80 MCS0	155	5775	16.67	18.00	default	100%

BT	Ant 5						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
BLE	1M	0	2402	8.84	10.00	default	86.94%
		19	2440	8.28	9.00	default	
		39	2480	7.76	9.00	default	
	2M	0	2404	11.03	12.00	default	32.72%
		19	2440	**11.23**	12.00	default	
		38	2478	10.82	12.00	default	
	S2	0	2402	9.16	10.00	default	81.02%
		19	2440	8.52	10.00	default	
		39	2480	8.12	9.00	default	
	S8	0	2402	8.32	9.00	default	94.57%
		19	2440	7.75	9.00	default	
		39	2480	7.35	8.00	default	
BR/EDR	GFSK	0	2402	10.41	11.00	default	45.97%
		39	2441	10.13	11.00	default	
		78	2480	10.47	11.00	default	
	DQPSK	0	2402	9.55	11.00	default	46.31%
		39	2441	8.73	10.00	default	
		78	2480	7.93	9.00	default	
	8DPSK	0	2402	9.47	10.00	default	46.31%
		39	2441	8.78	10.00	default	
		78	2480	7.94	9.00	default	

5GHz WLAN	Ant 5 DSI1						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	**12.60**	14.00	17.00	99.34%
		56	5280	12.21	13.00	17.00	
		60	5300	12.32	13.00	17.00	
		64	5320	12.02	13.00	17.00	
	802.11n-HT20 MCS0	52	5260	11.26	12.00	17.00	100%
		60	5300	10.90	12.00	17.00	
		64	5320	10.70	12.00	17.00	
	802.11n-HT40 MCS0	54	5270	11.16	12.00	17.00	100%
		62	5310	10.97	12.00	17.00	
	802.11ac-VHT20 MCS0	52	5260	10.93	12.00	17.00	100%
		60	5300	10.67	12.00	17.00	
		64	5320	10.49	11.00	17.00	
	802.11ac-VHT40 MCS0	54	5270	11.02	12.00	17.00	100%
		62	5310	10.61	12.00	17.00	
	802.11ac-VHT80	58	5290	10.69	12.00	17.00	100%
	802.11ac-VHT160 MCS0	50	5250	9.73	11.00	17.00	100%
	802.11ax-HE20 MCS0	52	5260	9.93	11.00	17.00	100%
		60	5300	9.88	11.00	17.00	
		64	5320	9.97	11.00	17.00	
	802.11ax-HE20 MCS0_RU26	52	5260	8.79	10.00	17.00	100%
		60	5300	8.72	10.00	17.00	
		64	5320	8.45	9.00	17.00	
	802.11ax-HE20 MCS0_RU52	52	5260	8.65	10.00	17.00	100%
		60	5300	8.68	10.00	17.00	
		64	5320	8.61	10.00	17.00	
	802.11ax-HE20 MCS0_RU106	52	5260	8.83	10.00	17.00	100%
		60	5300	8.73	10.00	17.00	
		64	5320	8.61	10.00	17.00	
	802.11ax-HE20 MCS0_RU_FULL	52	5260	8.71	10.00	17.00	100%
		60	5300	8.41	9.00	17.00	
		64	5320	8.31	9.00	17.00	
	802.11ax-HE40 MCS0	54	5270	9.98	11.00	17.00	100%
		62	5310	10.01	11.00	17.00	
	802.11ax-HE40 MCS0_RU_F	54	5270	8.55	10.00	17.00	100%
		62	5310	7.92	9.00	17.00	
	802.11ax-HE80 MCS0	58	5290	10.00	11.00	17.00	100%
	802.11ax-HE80 MCS0_RU_FULL	58	5290	8.56	10.00	17.00	100%
	802.11ax-HE160	50	5250	9.02	10.00	17.00	100%
	802.11ax-HE160 MCS0_RU_FULL	50	5250	8.80	10.00	17.00	100%

2.4GHz WLAN	Ant 5+6 DSI2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.59	18.00	18.00	100%
		6	2437	17.01	18.00	18.00	
		11	2462	17.40	18.00	18.00	
	802.11g 6Mbps	1	2412	16.60	18.00	18.00	100%
		6	2437	17.06	18.00	18.00	
		11	2462	**17.52**	19.00	18.00	
	802.11n-HT20 MCS0	1	2412	14.69	16.00	18.00	100%
		6	2437	14.99	16.00	18.00	
		11	2462	15.25	16.00	18.00	
	802.11n-HT40 MCS0	3	2422	15.34	16.00	18.00	100%
		6	2437	15.13	16.00	18.00	
		9	2452	15.24	16.00	18.00	
	802.11ac-VHT20 MCS0	1	2412	14.76	16.00	18.00	100%
		6	2437	14.92	16.00	18.00	
		11	2462	15.35	16.00	18.00	
	802.11ac-VHT40 MCS0	3	2422	15.35	16.00	18.00	100%
		6	2437	15.17	16.00	18.00	
		9	2452	15.13	16.00	18.00	
	802.11ax-HE20 MCS0	1	2412	14.72	16.00	18.00	100%
		6	2437	14.98	16.00	18.00	
		11	2462	15.25	16.00	18.00	
	802.11ax-HE20 MCS0_RU26	1	2412	13.52	15.00	18.00	100%
		6	2437	14.88	16.00	18.00	
		11	2462	14.32	15.00	18.00	
	802.11ax-HE20 MCS0_RU52	1	2412	13.54	15.00	18.00	100%
		6	2437	14.31	15.00	18.00	
		11	2462	14.20	15.00	18.00	
	802.11ax-HE20 MCS0_RU106	1	2412	13.57	15.00	18.00	100%
		6	2437	14.78	16.00	18.00	
		11	2462	14.35	15.00	18.00	
	802.11ax-HE20 MCS0_RU_FULL	1	2412	13.52	15.00	18.00	100%
		6	2437	14.72	16.00	18.00	
		11	2462	14.25	15.00	18.00	
	802.11ax-HE40 MCS0	3	2422	15.06	16.00	18.00	100%
		6	2437	15.09	16.00	18.00	
		9	2452	14.95	16.00	18.00	
	802.11ax-HE40 MCS0_RU_FULL	3	2422	13.50	15.00	18.00	100%
		6	2437	14.15	15.00	18.00	
		9	2452	14.25	15.00	18.00	

5GHz WLAN	Ant 5 DSI1						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	11.97	13.00	17.00	99.34%
		116	5580	11.97	13.00	17.00	
		124	5620	12.06	13.00	17.00	
		140	5700	**12.20**	13.00	17.00	
	802.11n-HT20 MCS0	100	5500	10.73	12.00	17.00	100%
		116	5580	10.84	12.00	17.00	
		140	5700	10.81	12.00	17.00	
	802.11n-HT40 MCS0	102	5510	10.87	12.00	17.00	100%
		110	5550	10.74	12.00	17.00	
		134	5670	10.68	12.00	17.00	
	802.11ac-VHT20 MCS0	100	5500	10.67	12.00	17.00	100%
		116	5580	10.66	12.00	17.00	
		140	5700	10.61	12.00	17.00	
	802.11ac-VHT40 MCS0	102	5510	10.73	12.00	17.00	100%
		110	5550	10.51	12.00	17.00	
		134	5670	10.68	12.00	17.00	
	802.11ac-VHT80	106	5530	10.29	11.00	17.00	100%
		122	5610	10.33	11.00	17.00	
	802.11ac-VHT160 MCS0	114	5570	9.33	10.00	17.00	100%
	802.11ax-HE20 MCS0	100	5500	10.47	11.00	17.00	100%
		116	5580	10.26	11.00	17.00	
		140	5700	10.17	11.00	17.00	
	802.11ax-HE20 MCS0_RU26	100	5500	9.17	10.00	17.00	100%
		116	5580	9.02	10.00	17.00	
		140	5700	8.67	10.00	17.00	
	802.11ax-HE20 MCS0_RU52	100	5500	9.23	10.00	17.00	100%
		116	5580	9.15	10.00	17.00	
		140	5700	8.51	10.00	17.00	
	802.11ax-HE20 MCS0_RU106	100	5500	9.31	10.00	17.00	100%
		116	5580	9.17	10.00	17.00	
		140	5700	8.89	10.00	17.00	
	802.11ax-HE20 MCS0_RU_FULL	100	5500	8.74	10.00	17.00	100%
		116	5580	8.82	10.00	17.00	
		140	5700	8.39	9.00	17.00	
	802.11ax-HE40 MCS0	102	5510	10.61	12.00	17.00	100%
		110	5550	10.52	12.00	17.00	
		134	5670	10.13	11.00	17.00	
	802.11ax-HE40 MCS0_RU_F	102	5510	8.65	10.00	17.00	100%
		110	5550	8.53	10.00	17.00	
		134	5670	8.24	9.00	17.00	
	802.11ax-HE80 MCS0	106	5530	10.48	11.00	17.00	100%
		122	5610	10.22	11.00	17.00	
	802.11ax-HE80	106	5530	8.80	10.00	17.00	100%
		122	5610	8.95	10.00	17.00	
	802.11ax-HE160	114	5570	9.41	10.00	17.00	100%
	802.11ax-HE160 MCS0_RU_FULL	114	5570	8.73	10.00	17.00	100%

5GHz WLAN	Ant 5 DSI2						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	12.59	14.00	17.50	99.34%
		40	5200	12.43	13.00	17.50	
		44	5220	12.61	14.00	17.50	
		48	5240	**12.80**	14.00	17.50	
	802.11n-HT20 MCS0	36	5180	11.42	12.00	17.50	100%
		40	5200	11.29	12.00	17.50	
		48	5240	11.59	13.00	17.50	
	802.11n-HT40 MCS0	38	5190	11.50	13.00	17.50	100%
		46	5230	11.37	12.00	17.50	
	802.11ac-VHT20 MCS0	36	5180	11.19	12.00	17.50	100%
		40	5200	10.94	12.00	17.50	
		48	5240	11.28	12.00	17.50	
	802.11ac-VHT40 MCS0	38	5190	11.15	12.00	17.50	100%
		46	5230	11.25	12.00	17.50	
	802.11ac-VHT80 MCS0	42	5210	11.21	12.00	17.50	100%
	802.11ax-HE20 MCS0	36	5180	10.37	11.00	17.50	100%
		40	5200	10.43	11.00	17.50	
		48	5240	10.52	12.00	17.50	
	802.11ax-HE20 MCS0_RU26	36	5180	9.39	10.00	17.50	100%
		40	5200	9.05	10.00	17.50	
		48	5240	9.12	10.00	17.50	
	802.11ax-HE20 MCS0_RU52	36	5180	9.15	10.00	17.50	100%
		40	5200	9.10	10.00	17.50	
		48	5240	9.33	10.00	17.50	
	802.11ax-HE20 MCS0_RU106	36	5180	9.24	10.00	17.50	100%
		40	5200	9.26	10.00	17.50	
		48	5240	-0.78	0.00	17.50	
	802.11ax-HE20 MCS0_RU_FULL	36	5180	9.17	10.00	17.50	100%
		40	5200	9.05	10.00	17.50	
		48	5240	8.90	10.00	17.50	
	802.11ax-HE40 MCS0	38	5190	10.53	12.00	17.50	100%
		46	5230	10.64	12.00	17.50	
	802.11ax-HE40 MCS0_RU_FULL	38	5190	8.94	10.00	17.50	100%
		46	5230	8.90	10.00	17.50	
	802.11ax-HE80 MCS0	42	5210	10.64	12.00	17.50	100%
	802.11ax-HE80 MCS0_RU_FULL	42	5210	9.43	10.00	17.50	100%

Appendix E. SAR Results for Exposure Condition

The SAR Results for Exposure Condition is shown as below.

< Head Exposure Condition >
<GSM/WCDMA>

Plot No.	Band	Mode	Test Position	Channel	Ant	Sample	Power Reduction	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Scaling Factor	Scaled 1g SAR
	GSM850	GPRS 2Tx Slot	Right Cheek	128	ANT0	1	Full	30.70	30.29	-0.01	0.110	1.099	0.12
	GSM850	GPRS 2Tx Slot	Right Tilted	128	ANT0	1	Full	30.70	30.29	0.14	0.080	1.099	0.09
	GSM850	GPRS 2Tx Slot	Left Cheek	128	ANT0	1	Full	30.70	30.29	-0.17	0.120	1.099	0.13
	GSM850	GPRS 2Tx Slot	Left Tilted	128	ANT0	1	Full	30.70	30.29	-0.06	0.067	1.099	0.07
P01	GSM850	GPRS 2Tx Slot	Left Cheek	189	ANT0	1	Full	30.70	30.27	-0.01	0.142	1.104	**0.16**
	GSM850	GPRS 2Tx Slot	Left Cheek	251	ANT0	1	Full	30.70	30.18	-0.20	0.137	1.127	0.15
	GSM850	GPRS 2Tx Slot	Left Cheek	189	ANT0	2	Full	30.70	30.27	-0.19	0.118	1.104	0.13
	GSM1900	GPRS 4Tx Slot	Right Cheek	661	ANT0	1	Full	24.70	24.34	0.04	0.109	1.086	0.12
	GSM1900	GPRS 4Tx Slot	Right Tilted	661	ANT0	1	Full	24.70	24.34	0.14	0.053	1.086	0.06
	GSM1900	GPRS 4Tx Slot	Left Cheek	661	ANT0	1	Full	24.70	24.34	0.00	0.193	1.086	0.21
	GSM1900	GPRS 4Tx Slot	Left Tilted	661	ANT0	1	Full	24.70	24.34	0.15	0.058	1.086	0.06
	GSM1900	GPRS 4Tx Slot	Left Cheek	512	ANT0	1	Full	24.70	24.27	0.17	0.172	1.104	0.19
P02	GSM1900	GPRS 4Tx Slot	Left Cheek	810	ANT0	1	Full	24.70	24.32	-0.06	0.212	1.091	**0.23**
	GSM1900	GPRS 4Tx Slot	Left Cheek	810	ANT0	2	Full	24.70	24.32	0.15	0.182	1.091	0.20
	WCDMA II	RMC12.2K	Right Cheek	9400	ANT0	1	Full	23.7	23.04	0.06	0.207	1.164	0.24
	WCDMA II	RMC12.2K	Right Tilted	9400	ANT0	1	Full	23.7	23.04	-0.13	0.112	1.164	0.13
	WCDMA II	RMC12.2K	Left Cheek	9400	ANT0	1	Full	23.7	23.04	-0.01	0.306	1.164	0.36
	WCDMA II	RMC12.2K	Left Tilted	9400	ANT0	1	Full	23.7	23.04	-0.11	0.103	1.164	0.12
	WCDMA II	RMC12.2K	Left Cheek	9262	ANT0	1	Full	23.7	22.98	0.08	0.260	1.180	0.31
P03	WCDMA II	RMC12.2K	Left Cheek	9538	ANT0	1	Full	23.7	22.95	-0.08	0.405	1.189	**0.48**
	WCDMA II	RMC12.2K	Left Cheek	9538	ANT0	2	Full	23.7	22.95	-0.10	0.377	1.189	0.45
	WCDMA IV	RMC12.2K	Right Cheek	1312	ANT0	1	Full	23.7	23.05	-0.12	0.086	1.161	0.10
	WCDMA IV	RMC12.2K	Right Tilted	1312	ANT0	1	Full	23.7	23.05	-0.08	0.067	1.161	0.08
	WCDMA IV	RMC12.2K	Left Cheek	1312	ANT0	1	Full	23.7	23.05	0.10	0.132	1.161	0.15
	WCDMA IV	RMC12.2K	Left Tilted	1312	ANT0	1	Full	23.7	23.05	0.01	0.091	1.161	0.11
P04	WCDMA IV	RMC12.2K	Left Cheek	1413	ANT0	1	Full	23.7	23.02	0.04	0.175	1.169	**0.20**
	WCDMA IV	RMC12.2K	Left Cheek	1513	ANT0	1	Full	23.7	23.03	-0.19	0.152	1.167	0.18
	WCDMA IV	RMC12.2K	Left Cheek	1413	ANT0	2	Full	23.7	23.02	0.13	0.124	1.169	0.15
P05	WCDMA V	RMC12.2K	Right Cheek	4233	ANT0	1	Full	23.7	23.21	-0.05	0.152	1.119	**0.17**
	WCDMA V	RMC12.2K	Right Tilted	4233	ANT0	1	Full	23.7	23.21	0.15	0.074	1.119	0.08
	WCDMA V	RMC12.2K	Left Cheek	4233	ANT0	1	Full	23.7	23.21	0.11	0.099	1.119	0.11
	WCDMA V	RMC12.2K	Left Tilted	4233	ANT0	1	Full	23.7	23.21	-0.20	0.063	1.119	0.07
	WCDMA V	RMC12.2K	Right Cheek	4132	ANT0	1	Full	23.7	23.12	-0.14	0.119	1.143	0.14
	WCDMA V	RMC12.2K	Right Cheek	4182	ANT0	1	Full	23.7	23.13	0.00	0.127	1.140	0.14
	WCDMA V	RMC12.2K	Right Cheek	4233	ANT0	2	Full	23.7	23.21	0.19	0.133	1.119	0.15

< Head Exposure Condition >

<LTE>

Plot No.	Band	Mode	Test Position	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Factor	Scaling Factor	Scaled 1g SAR
	LTE 2	QPSK20M	Right Cheek	18700	ANT0	1	99	1	DSI1	-	22.0	21.57	-0.15	0.088	-	1.104	0.10
	LTE 2	QPSK20M	Right Tilted	18700	ANT0	1	99	1	DSI1	-	22.0	21.57	-0.15	0.047	-	1.104	0.05
	LTE 2	QPSK20M	Left Cheek	18700	ANT0	1	99	1	DSI1	-	22.0	21.57	-0.02	0.152	-	1.104	0.17
	LTE 2	QPSK20M	Left Tilted	18700	ANT0	1	99	1	DSI1	-	22.0	21.57	0.16	0.057	-	1.104	0.06
	LTE 2	QPSK20M	Right Cheek	18700	ANT0	50	50	1	DSI1	-	21.0	20.69	-0.17	0.087	-	1.074	0.09
	LTE 2	QPSK20M	Right Tilted	18700	ANT0	50	50	1	DSI1	-	21.0	20.69	-0.11	0.046	-	1.074	0.05
	LTE 2	QPSK20M	Left Cheek	18700	ANT0	50	50	1	DSI1	-	21.0	20.69	0.13	0.147	-	1.074	0.16
	LTE 2	QPSK20M	Left Tilted	18700	ANT0	50	50	1	DSI1	-	21.0	20.69	0.18	0.056	-	1.074	0.06
	LTE 2	QPSK20M	Left Cheek	18900	ANT0	1	99	1	DSI1	-	22.0	21.55	0.08	0.172	-	1.109	0.19
	LTE 2	QPSK20M	Left Cheek	19100	ANT0	1	99	1	DSI1	-	22.0	21.56	0.02	0.182	-	1.107	**0.20**
	LTE 2	QPSK20M	Left Cheek	19100	ANT0	1	99	2	DSI1	-	22.0	21.56	0.13	0.172	-	1.107	0.19
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18700	ANT1	1	99	1	Full	-	19.0	18.16	-0.19	0.138	-	1.213	**0.17**
	LTE 2(ENDC Only)	QPSK20M	Right Tilted	18700	ANT1	1	99	1	Full	-	19.0	18.16	-0.07	0.000	-	1.213	0.00
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.04	0.053	-	1.213	0.06
	LTE 2(ENDC Only)	QPSK20M	Left Tilted	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.17	0.000	-	1.213	0.00
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.01	0.090	-	1.183	0.11
	LTE 2(ENDC Only)	QPSK20M	Right Tilted	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.16	0.000	-	1.183	0.00
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.19	0.043	-	1.183	0.05
	LTE 2(ENDC Only)	QPSK20M	Left Tilted	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.19	0.000	-	1.183	0.00
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18900	ANT1	1	99	1	Full	-	19.0	18.01	-0.04	0.105	-	1.256	0.13
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	19100	ANT1	1	99	1	Full	-	19.0	17.99	-0.18	0.103	-	1.262	0.13
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18700	ANT1	1	99	2	Full	-	19.0	18.16	-0.09	0.121	-	1.213	0.15
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18700	ANT2	1	99	1	DSI1	-	19.0	18.51	0.01	0.205	-	1.119	0.23
	LTE 2(ENDC Only)	QPSK20M	Right Tilted	18700	ANT2	1	99	1	DSI1	-	19.0	18.51	0.07	0.107	-	1.119	0.12
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	18700	ANT2	1	99	1	DSI1	-	19.0	18.51	0.15	0.326	-	1.119	0.36
	LTE 2(ENDC Only)	QPSK20M	Left Tilted	18700	ANT2	1	99	1	DSI1	-	19.0	18.51	0.13	0.169	-	1.119	0.19
	LTE 2(ENDC Only)	QPSK20M	Right Cheek	18700	ANT2	50	50	1	DSI1	-	18.0	17.61	0.10	0.228	-	1.094	0.25
	LTE 2(ENDC Only)	QPSK20M	Right Tilted	18700	ANT2	50	50	1	DSI1	-	18.0	17.61	0.09	0.121	-	1.094	0.13
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	18700	ANT2	50	50	1	DSI1	-	18.0	17.61	0.01	0.321	-	1.094	0.35
	LTE 2(ENDC Only)	QPSK20M	Left Tilted	18700	ANT2	50	50	1	DSI1	-	18.0	17.61	0.13	0.185	-	1.094	0.20
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	18900	ANT2	1	99	1	DSI1	-	19.0	18.46	-0.13	0.303	-	1.132	0.34
P06	LTE 2(ENDC Only)	QPSK20M	Left Cheek	19100	ANT2	1	99	1	DSI1	-	19.0	18.45	-0.17	0.336	-	1.135	**0.38**
	LTE 2(ENDC Only)	QPSK20M	Left Cheek	19100	ANT2	1	99	2	DSI1	-	19.0	18.45	0.03	0.286	-	1.135	0.32
	LTE 5	QPSK10M	Right Cheek	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.15	0.114	-	1.285	**0.15**
	LTE 5	QPSK10M	Right Tilted	20600	ANT0	1	0	1	Full	-	23.7	22.61	-0.17	0.064	-	1.285	0.08
	LTE 5	QPSK10M	Left Cheek	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.06	0.099	-	1.285	0.13
	LTE 5	QPSK10M	Left Tilted	20600	ANT0	1	0	1	Full	-	23.7	22.61	-0.06	0.060	-	1.285	0.08
	LTE 5	QPSK10M	Right Cheek	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.10	0.097	-	1.265	0.12
	LTE 5	QPSK10M	Right Tilted	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.18	0.050	-	1.265	0.06
	LTE 5	QPSK10M	Left Cheek	20600	ANT0	25	0	1	Full	-	22.7	21.68	-0.18	0.079	-	1.265	0.10
	LTE 5	QPSK10M	Left Tilted	20600	ANT0	25	0	1	Full	-	22.7	21.68	-0.15	0.046	-	1.265	0.06
	LTE 5	QPSK10M	Right Cheek	20450	ANT0	1	0	1	Full	-	23.7	22.38	-0.07	0.102	-	1.355	0.14
	LTE 5	QPSK10M	Right Cheek	20525	ANT0	1	0	1	Full	-	23.7	22.60	-0.07	0.110	-	1.288	0.14
	LTE 5	QPSK10M	Right Cheek	20600	ANT0	1	0	2	Full	-	23.7	22.61	-0.10	0.109	-	1.285	0.14
	LTE 5(ENDC Only)	QPSK10M	Right Cheek	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.05	0.157	-	1.285	0.20
	LTE 5(ENDC Only)	QPSK10M	Right Tilted	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.12	0.140	-	1.315	0.18
P07	LTE 5(ENDC Only)	QPSK10M	Left Cheek	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.06	0.235	-	1.315	**0.31**
	LTE 5(ENDC Only)	QPSK10M	Left Tilted	20600	ANT2	1	0	1	Full	-	23.7	22.51	-0.12	0.196	-	1.315	0.26
	LTE 5(ENDC Only)	QPSK10M	Right Cheek	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.08	0.132	-	1.291	0.17
	LTE 5(ENDC Only)	QPSK10M	Right Tilted	20600	ANT2	25	0	1	Full	-	22.7	21.59	0.07	0.109	-	1.291	0.14
	LTE 5(ENDC Only)	QPSK10M	Left Cheek	20600	ANT2	25	0	1	Full	-	22.7	21.59	0.06	0.199	-	1.291	0.26
	LTE 5(ENDC Only)	QPSK10M	Left Tilted	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.02	0.146	-	1.291	0.19
	LTE 5(ENDC Only)	QPSK10M	Left Cheek	20450	ANT2	1	0	1	Full	-	23.7	22.49	0.15	0.122	-	1.355	0.17
	LTE 5(ENDC Only)	QPSK10M	Left Cheek	20525	ANT2	1	0	1	Full	-	23.7	22.47	0.10	0.239	-	1.288	0.31
	LTE 5(ENDC Only)	QPSK10M	Left Cheek	20600	ANT2	1	0	2	Full	-	23.7	22.51	-0.19	0.226	-	1.315	0.30
	LTE 7	QPSK20M	Right Cheek	20850	ANT0	1	0	1	Full	-	23.7	22.46	-0.03	0.067	-	1.330	0.09
	LTE 7	QPSK20M	Right Tilted	20850	ANT0	1	0	1	Full	-	23.7	22.46	-0.16	0.047	-	1.330	0.06
P08	LTE 7	QPSK20M	Left Cheek	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.07	0.095	-	1.330	**0.13**
	LTE 7	QPSK20M	Left Tilted	20850	ANT0	1	0	1	Full	-	23.7	22.46	-0.03	0.087	-	1.330	0.12
	LTE 7	QPSK20M	Right Cheek	20850	ANT0	50	0	1	Full	-	22.7	21.69	0.12	0.051	-	1.262	0.06
	LTE 7	QPSK20M	Right Tilted	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.02	0.042	-	1.262	0.05
	LTE 7	QPSK20M	Left Cheek	20850	ANT0	50	0	1	Full	-	22.7	21.69	0.15	0.076	-	1.262	0.10
	LTE 7	QPSK20M	Left Tilted	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.12	0.075	-	1.262	0.09
	LTE 7	QPSK20M	Left Cheek	21100	ANT0	1	0	1	Full	-	23.7	22.38	0.19	0.078	-	1.355	0.11
	LTE 7	QPSK20M	Left Cheek	21350	ANT0	1	0	1	Full	-	23.7	22.45	0.09	0.073	-	1.334	0.10
	LTE 7	QPSK20M	Left Cheek	20850	ANT0	1	0	2	Full	-	23.7	22.46	0.17	0.077	-	1.330	0.10
	LTE 12/17	QPSK10M	Right Cheek	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.08	0.063	-	1.327	0.08
	LTE 12/17	QPSK10M	Right Tilted	23060	ANT0	1	49	1	Full	-	23.7	22.47	0.01	0.000	-	1.327	0.00
	LTE 12/17	QPSK10M	Left Cheek	23060	ANT0	1	49	1	Full	-	23.7	22.47	0.01	0.076	-	1.327	**0.10**
	LTE 12/17	QPSK10M	Left Tilted	23060	ANT0	1	49	1	Full	-	23.7	22.47	0.07	0.000	-	1.327	0.00
	LTE 12/17	QPSK10M	Right Cheek	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.15	0.055	-	1.306	0.07
	LTE 12/17	QPSK10M	Right Tilted	23060	ANT0	25	0	1	Full	-	22.7	21.54	-0.16	0.000	-	1.306	0.00
	LTE 12/17	QPSK10M	Left Cheek	23060	ANT0	25	0	1	Full	-	22.7	21.54	-0.14	0.049	-	1.306	0.06
	LTE 12/17	QPSK10M	Left Tilted	23060	ANT0	25	0	1	Full	-	22.7	21.54	-0.16	0.000	-	1.306	0.00
	LTE 12/17	QPSK10M	Left Cheek	23095	ANT0	1	49	1	Full	-	23.7	22.45	-0.19	0.066	-	1.334	0.09
	LTE 12/17	QPSK10M	Left Cheek	23130	ANT0	1	49	1	Full	-	23.7	22.46	-0.11	0.064	-	1.330	0.09
	LTE 12/17	QPSK10M	Left Cheek	23060	ANT0	1	49	2	Full	-	23.7	22.47	-0.16	0.051	-	1.327	0.07
	LTE 12(ENDC Only)	QPSK10M	Right Cheek	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.15	0.079	-	1.276	0.10
	LTE 12(ENDC Only)	QPSK10M	Right Tilted	23060	ANT2	1	49	1	Full	-	23.7	22.64	0.14	0.061	-	1.276	0.08
P09	LTE 12(ENDC Only)	QPSK10M	Left Cheek	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.04	0.153	-	1.276	**0.20**
	LTE 12(ENDC Only)	QPSK10M	Left Tilted	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.16	0.105	-	1.276	0.13
	LTE 12(ENDC Only)	QPSK10M	Right Cheek	23060	ANT2	25	0	1	Full	-	22.7	21.70	-0.20	0.065	-	1.259	0.08
	LTE 12(ENDC Only)	QPSK10M	Right Tilted	23060	ANT2	25	0	1	Full	-	22.7	21.70	-0.18	0.050	-	1.259	0.06
	LTE 12(ENDC Only)	QPSK10M	Left Cheek	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.17	0.118	-	1.259	0.15
	LTE 12(ENDC Only)	QPSK10M	Left Tilted	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.05	0.087	-	1.259	0.11
	LTE 12(ENDC Only)	QPSK10M	Left Cheek	23095	ANT2	1	49	1	Full	-	23.7	22.61	0.14	0.145	-	1.285	0.19
	LTE 12(ENDC Only)	QPSK10M	Left Cheek	23130	ANT2	1	49	1	Full	-	23.7	22.58	0.10	0.134	-	1.294	0.17
	LTE 12(ENDC Only)	QPSK10M	Left Cheek	23060	ANT2	1	49	2	Full	-	23.7	22.64	-0.15	0.145	-	1.276	0.19

Plot No.	Band	Mode	Test Position	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Factor	Scaling Factor	Scaled 1g SAR
	LTE 13	QPSK10M	Right Cheek	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.10	0.076	-	1.361	0.10
	LTE 13	QPSK10M	Right Tilted	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.15	0.048	-	1.361	0.07
P10	LTE 13	QPSK10M	Left Cheek	23230	ANT0	1	0	1	Full	-	23.7	22.36	0.08	0.083	-	1.361	**0.11**
	LTE 13	QPSK10M	Left Tilted	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.06	0.000	-	1.361	0.00
	LTE 13	QPSK10M	Right Cheek	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.12	0.060	-	1.324	0.08
	LTE 13	QPSK10M	Right Tilted	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.16	0.000	-	1.324	0.00
	LTE 13	QPSK10M	Left Cheek	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.14	0.067	-	1.324	0.09
	LTE 13	QPSK10M	Left Tilted	23230	ANT0	25	25	1	Full	-	22.7	21.48	0.08	0.000	-	1.324	0.00
	LTE 13	QPSK10M	Left Cheek	23230	ANT0	1	0	2	Full	-	23.7	22.36	0.09	0.064	-	1.361	0.09
	LTE 41/38	QPSK20M	Right Cheek	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.10	0.020	1.006	1.274	0.03
	LTE 41/38	QPSK20M	Right Tilted	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.18	0.000	1.006	1.274	0.00
P11	LTE 41/38	QPSK20M	Left Cheek	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.01	0.039	1.006	1.274	**0.05**
	LTE 41/38	QPSK20M	Left Tilted	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.02	0.000	1.006	1.274	0.00
	LTE 41/38	QPSK20M	Right Cheek	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	-0.02	0.000	1.006	1.259	0.00
	LTE 41/38	QPSK20M	Right Tilted	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.17	0.000	1.006	1.259	0.00
	LTE 41/38	QPSK20M	Left Cheek	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.05	0.018	1.006	1.259	0.02
	LTE 41/38	QPSK20M	Left Tilted	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	-0.08	0.000	1.006	1.259	0.00
	LTE 41/38	QPSK20M	Left Cheek	40620	ANT0	1	0	2	Full	62.90	23.7	22.65	-0.14	0.025	1.006	1.274	0.03
	LTE 48	QPSK20M	Right Cheek	56640	ANT5	1	0	1	DSI1	62.90	21.0	20.02	0.16	0.133	1.006	1.253	0.17
	LTE 48	QPSK20M	Right Tilted	56640	ANT5	1	0	1	DSI1	62.90	21.0	20.02	0.09	0.063	1.006	1.253	0.08
P12	LTE 48	QPSK20M	Left Cheek	56640	ANT5	1	0	1	DSI1	62.90	21.0	20.02	0.08	0.274	1.006	1.253	**0.35**
	LTE 48	QPSK20M	Left Tilted	56640	ANT5	1	0	1	DSI1	62.90	21.0	20.02	-0.14	0.033	1.006	1.253	0.04
	LTE 48	QPSK20M	Right Cheek	56640	ANT5	50	25	1	DSI1	62.90	20.0	19.23	-0.10	0.088	1.006	1.194	0.11
	LTE 48	QPSK20M	Right Tilted	56640	ANT5	50	25	1	DSI1	62.90	20.0	19.23	-0.15	0.000	1.006	1.194	0.00
	LTE 48	QPSK20M	Left Cheek	56640	ANT5	50	25	1	DSI1	62.90	20.0	19.23	-0.18	0.248	1.006	1.194	0.30
	LTE 48	QPSK20M	Left Tilted	56640	ANT5	50	25	1	DSI1	62.90	20.0	19.23	0.04	0.000	1.006	1.194	0.00
	LTE 48	QPSK20M	Left Cheek	55340	ANT5	1	0	1	DSI1	62.90	21.0	19.46	0.18	0.239	1.006	1.426	0.34
	LTE 48	QPSK20M	Left Cheek	55830	ANT5	1	0	1	DSI1	62.90	21.0	19.61	-0.11	0.235	1.006	1.377	0.33
	LTE 48	QPSK20M	Left Cheek	56150	ANT5	1	0	1	DSI1	62.90	21.0	19.54	-0.09	0.238	1.006	1.400	0.34
	LTE 48	QPSK20M	Left Cheek	56640	ANT5	1	0	2	DSI1	62.90	21.0	20.02	-0.11	0.169	1.006	1.253	0.21
	LTE 66/4	QPSK20M	Right Cheek	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.17	0.075	-	1.352	0.10
	LTE 66/4	QPSK20M	Right Tilted	132322	ANT0	1	99	1	Full	-	23.7	22.39	-0.06	0.052	-	1.352	0.07
	LTE 66/4	QPSK20M	Left Cheek	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.08	0.132	-	1.352	**0.18**
	LTE 66/4	QPSK20M	Left Tilted	132322	ANT0	1	99	1	Full	-	23.7	22.39	-0.16	0.074	-	1.352	0.10
	LTE 66/4	QPSK20M	Right Cheek	132322	ANT0	50	50	1	Full	-	22.7	21.39	0.16	0.059	-	1.352	0.08
	LTE 66/4	QPSK20M	Right Tilted	132322	ANT0	50	50	1	Full	-	22.7	21.39	0.12	0.042	-	1.352	0.06
	LTE 66/4	QPSK20M	Left Cheek	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.20	0.104	-	1.352	0.14
	LTE 66/4	QPSK20M	Left Tilted	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.17	0.056	-	1.352	0.08
	LTE 66/4	QPSK20M	Left Cheek	132072	ANT0	1	99	1	Full	-	23.7	22.16	0.16	0.120	-	1.426	0.17
	LTE 66/4	QPSK20M	Left Cheek	132572	ANT0	1	99	1	Full	-	23.7	22.34	-0.17	0.123	-	1.368	0.17
	LTE 66/4	QPSK20M	Left Cheek	132322	ANT0	1	99	2	Full	-	23.7	22.39	-0.15	0.118	-	1.352	0.16
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.14	0.158	-	1.247	**0.20**
	LTE 66(ENDC Only)	QPSK20M	Right Tilted	132322	ANT1	1	99	1	Full	-	21.0	20.04	0.04	0.000	-	1.247	0.00
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.13	0.061	-	1.247	0.08
	LTE 66(ENDC Only)	QPSK20M	Left Tilted	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.08	0.000	-	1.247	0.00
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132322	ANT1	50	50	1	Full	-	20.0	19.05	0.08	0.088	-	1.245	0.11
	LTE 66(ENDC Only)	QPSK20M	Right Tilted	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.03	0.000	-	1.245	0.00
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.16	0.050	-	1.245	0.06
	LTE 66(ENDC Only)	QPSK20M	Left Tilted	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.08	0.000	-	1.245	0.00
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132072	ANT1	1	99	1	Full	-	21.0	19.89	-0.16	0.113	-	1.291	0.15
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132572	ANT1	1	99	1	Full	-	21.0	20.01	0.19	0.109	-	1.256	0.14
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132322	ANT1	1	99	2	Full	-	21.0	20.04	-0.02	0.116	-	1.247	0.14
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132322	ANT2	1	99	1	DSI1	-	22.0	21.05	0.01	0.414	-	1.245	0.52
	LTE 66(ENDC Only)	QPSK20M	Right Tilted	132322	ANT2	1	99	1	DSI1	-	22.0	21.05	-0.15	0.244	-	1.245	0.30
P13	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132322	ANT2	1	99	1	DSI1	-	22.0	21.05	-0.09	0.514	-	1.245	**0.64**
	LTE 66(ENDC Only)	QPSK20M	Left Tilted	132322	ANT2	1	99	1	DSI1	-	22.0	21.05	0.17	0.331	-	1.245	0.41
	LTE 66(ENDC Only)	QPSK20M	Right Cheek	132322	ANT2	50	50	1	DSI1	-	21.0	19.85	0.07	0.416	-	1.303	0.54
	LTE 66(ENDC Only)	QPSK20M	Right Tilted	132322	ANT2	50	50	1	DSI1	-	21.0	19.85	-0.05	0.259	-	1.303	0.34
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132322	ANT2	50	50	1	DSI1	-	21.0	19.85	-0.16	0.485	-	1.303	0.63
	LTE 66(ENDC Only)	QPSK20M	Left Tilted	132322	ANT2	50	50	1	DSI1	-	21.0	19.85	-0.02	0.335	-	1.303	0.44
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132072	ANT2	1	99	1	DSI1	-	22.0	20.91	0.13	0.450	-	1.285	0.58
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132572	ANT2	1	99	1	DSI1	-	22.0	20.93	0.06	0.444	-	1.279	0.57
	LTE 66(ENDC Only)	QPSK20M	Left Cheek	132322	ANT2	1	99	2	DSI1	-	22.0	21.05	0.18	0.339	-	1.245	0.42
	LTE 71	QPSK20M	Right Cheek	133222	ANT0	1	0	1	Full	-	23.7	22.57	-0.02	0.046	-	1.297	0.06
	LTE 71	QPSK20M	Right Tilted	133222	ANT0	1	0	1	Full	-	23.7	22.57	-0.02	0.000	-	1.297	0.00
	LTE 71	QPSK20M	Left Cheek	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.09	0.062	-	1.297	0.08
	LTE 71	QPSK20M	Left Tilted	133222	ANT0	1	0	1	Full	-	23.7	22.57	-0.16	0.000	-	1.297	0.00
	LTE 71	QPSK20M	Right Cheek	133222	ANT0	50	50	1	Full	-	22.7	21.65	-0.11	0.000	-	1.274	0.00
	LTE 71	QPSK20M	Right Tilted	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.08	0.000	-	1.274	0.00
	LTE 71	QPSK20M	Left Cheek	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.01	0.053	-	1.274	0.07
	LTE 71	QPSK20M	Left Tilted	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.15	0.000	-	1.274	0.00
	LTE 71	QPSK20M	Left Cheek	133322	ANT0	1	0	1	Full	-	23.7	22.54	0.07	0.061	-	1.306	0.08
P14	LTE 71	QPSK20M	Left Cheek	133372	ANT0	1	0	1	Full	-	23.7	22.56	0.02	0.068	-	1.300	**0.09**
	LTE 71	QPSK20M	Left Cheek	133372	ANT0	1	0	2	Full	-	23.7	22.56	0.12	0.052	-	1.300	0.07

< Head Exposure Condition >

<NR>

Plot No.	Band	Mode	Test Position	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Factor	Scaling Factor	Scaled 1g SAR
	NR N5	DFT-s-OFDM QPSK20M	Right Cheek	167300	ANT0	1	1	1	Full	-	24.50	24.05	-0.20	0.123	-	1.109	0.14
	NR N5	DFT-s-OFDM QPSK20M	Right Tilted	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.06	0.072	-	1.109	0.08
	NR N5	DFT-s-OFDM QPSK20M	Left Cheek	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.09	0.116	-	1.109	0.13
	NR N5	DFT-s-OFDM QPSK20M	Left Tilted	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.02	0.069	-	1.109	0.08
P15	NR N5	DFT-s-OFDM QPSK20M	Right Cheek	167300	ANT0	50	28	1	Full	-	24.50	23.96	-0.05	0.129	-	1.132	**0.15**
	NR N5	DFT-s-OFDM QPSK20M	Right Tilted	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.05	0.066	-	1.132	0.07
	NR N5	DFT-s-OFDM QPSK20M	Left Cheek	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.19	0.110	-	1.132	0.12
	NR N5	DFT-s-OFDM QPSK20M	Left Tilted	167300	ANT0	50	28	1	Full	-	24.50	23.96	-0.02	0.061	-	1.132	0.07
	NR N5	DFT-s-OFDM QPSK20M	Right Cheek	166800	ANT0	50	28	1	Full	-	24.50	23.95	0.02	0.116	-	1.135	0.13
	NR N5	DFT-s-OFDM QPSK20M	Right Cheek	167800	ANT0	50	28	1	Full	-	24.50	23.92	-0.10	0.121	-	1.143	0.14
	NR N5	DFT-s-OFDM QPSK20M	Right Cheek	167300	ANT0	50	28	2	Full	-	24.50	23.96	-0.20	0.109	-	1.132	0.12
	NR N7	DFT-s-OFDM QPSK20M	Right Cheek	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.02	0.074	-	1.125	0.08
	NR N7	DFT-s-OFDM QPSK20M	Right Tilted	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.08	0.055	-	1.125	0.06
P16	NR N7	DFT-s-OFDM QPSK20M	Left Cheek	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.05	0.109	-	1.125	**0.12**
	NR N7	DFT-s-OFDM QPSK20M	Left Tilted	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.16	0.100	-	1.125	0.11
	NR N7	DFT-s-OFDM QPSK20M	Right Cheek	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.07	0.068	-	1.178	0.08
	NR N7	DFT-s-OFDM QPSK20M	Right Tilted	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.02	0.057	-	1.178	0.07
	NR N7	DFT-s-OFDM QPSK20M	Left Cheek	507000	ANT0	50	0	1	Full	-	23.70	22.99	0.18	0.097	-	1.178	0.11
	NR N7	DFT-s-OFDM QPSK20M	Left Tilted	507000	ANT0	50	0	1	Full	-	23.70	22.99	0.06	0.100	-	1.178	0.12
	NR N7	DFT-s-OFDM QPSK20M	Left Cheek	502000	ANT0	1	1	1	Full	-	23.70	23.15	-0.16	0.079	-	1.135	0.09
	NR N7	DFT-s-OFDM QPSK20M	Left Cheek	512000	ANT0	1	1	1	Full	-	23.70	23.09	0.14	0.085	-	1.151	0.10
	NR N7	DFT-s-OFDM QPSK20M	Left Cheek	507000	ANT0	1	1	2	Full	-	23.70	23.19	-0.10	0.097	-	1.125	0.11
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Cheek	372000	ANT0	1	1	1	DSI1	-	23.50	22.97	0.15	0.119	-	1.130	0.13
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Tilted	372000	ANT0	1	1	1	DSI1	-	23.50	22.97	0.15	0.060	-	1.130	0.07
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Cheek	372000	ANT0	1	1	1	DSI1	-	23.50	22.97	-0.10	0.195	-	1.130	0.22
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Tilted	372000	ANT0	1	1	1	DSI1	-	23.50	22.97	0.08	0.075	-	1.130	0.08
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Cheek	372000	ANT0	50	28	1	DSI1	-	23.50	22.88	-0.05	0.131	-	1.153	0.15
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Tilted	372000	ANT0	50	28	1	DSI1	-	23.50	22.88	-0.07	0.069	-	1.153	0.08
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Cheek	372000	ANT0	50	28	1	DSI1	-	23.50	22.88	-0.19	0.215	-	1.153	0.25
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Tilted	372000	ANT0	50	28	1	DSI1	-	23.50	22.88	0.05	0.075	-	1.153	0.09
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Cheek	376500	ANT0	50	28	1	DSI1	-	23.50	22.66	-0.12	0.265	-	1.213	0.32
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Cheek	381000	ANT0	50	28	1	DSI1	-	23.50	22.50	-0.02	0.285	-	1.259	**0.36**
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Cheek	381000	ANT0	50	28	2	DSI1	-	23.50	22.50	-0.09	0.261	-	1.259	0.33
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Cheek	372000	ANT2	1	1	1	DSI1	-	20.50	19.93	0.05	0.075	-	1.140	0.09
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Tilted	372000	ANT2	1	1	1	DSI1	-	20.50	19.93	0.11	0.043	-	1.140	0.05
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Cheek	372000	ANT2	1	1	1	DSI1	-	20.50	19.93	-0.18	0.255	-	1.140	0.29
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Tilted	372000	ANT2	1	1	1	DSI1	-	20.50	19.93	0.10	0.077	-	1.140	0.09
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Cheek	372000	ANT2	50	28	1	DSI1	-	20.50	19.85	0.12	0.085	-	1.161	0.10
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Tilted	372000	ANT2	50	28	1	DSI1	-	20.50	19.85	0.06	0.049	-	1.161	0.06
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Cheek	372000	ANT2	50	28	1	DSI1	-	20.50	19.85	-0.13	0.269	-	1.161	0.31
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Tilted	372000	ANT2	50	28	1	DSI1	-	20.50	19.85	-0.15	0.085	-	1.161	0.10
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Cheek	376500	ANT2	50	28	1	DSI1	-	20.50	19.79	-0.03	0.286	-	1.178	0.34
P17	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Cheek	381000	ANT2	50	28	1	DSI1	-	20.50	19.84	-0.02	0.486	-	1.164	**0.57**
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Left Cheek	381000	ANT2	50	28	2	DSI1	-	20.50	19.84	-0.19	0.335	-	1.164	0.39
	NR N38	DFT-s-OFDM QPSK40M	Right Cheek	519000	ANT2	1	1	1	DSI1	-	22.50	21.94	-0.09	0.229	-	1.138	0.26
	NR N38	DFT-s-OFDM QPSK40M	Right Tilted	519000	ANT2	1	1	1	DSI1	-	22.50	21.94	-0.04	0.199	-	1.138	0.23
	NR N38	DFT-s-OFDM QPSK40M	Left Cheek	519000	ANT2	1	1	1	DSI1	-	22.50	21.94	-0.15	0.558	-	1.138	0.63
	NR N38	DFT-s-OFDM QPSK40M	Left Tilted	519000	ANT2	1	1	1	DSI1	-	22.50	21.94	-0.14	0.370	-	1.138	0.42
	NR N38	DFT-s-OFDM QPSK40M	Right Cheek	519000	ANT2	50	28	1	DSI1	-	22.50	21.87	-0.04	0.206	-	1.156	0.24
	NR N38	DFT-s-OFDM QPSK40M	Right Tilted	519000	ANT2	50	28	1	DSI1	-	22.50	21.87	-0.20	0.174	-	1.156	0.20
	NR N38	DFT-s-OFDM QPSK40M	Left Cheek	519000	ANT2	50	28	1	DSI1	-	22.50	21.87	0.08	0.501	-	1.156	0.58
	NR N38	DFT-s-OFDM QPSK40M	Left Tilted	519000	ANT2	50	28	1	DSI1	-	22.50	21.87	-0.17	0.370	-	1.156	0.43
P18	NR N38	DFT-s-OFDM QPSK40M	Left Cheek	518000	ANT2	1	1	1	DSI1	-	22.50	21.66	-0.02	0.567	-	1.213	**0.69**
	NR N38	DFT-s-OFDM QPSK40M	Left Cheek	520000	ANT2	1	1	1	DSI1	-	22.50	21.70	0.02	0.555	-	1.202	0.67
	NR N38	DFT-s-OFDM QPSK40M	Left Cheek	518000	ANT2	1	1	2	DSI1	-	22.50	21.66	0.13	0.501	-	1.213	0.61
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Cheek	528000	ANT2	1	1	1	DSI1	-	20.50	19.83	-0.03	0.155	-	1.167	0.18
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Tilted	528000	ANT2	1	1	1	DSI1	-	20.50	19.83	0.17	0.140	-	1.167	0.16
P19	NR N41 PC3	DFT-s-OFDM QPSK100M	Left Cheek	528000	ANT2	1	1	1	DSI1	-	20.50	19.83	-0.05	0.385	-	1.167	**0.45**
	NR N41 PC3	DFT-s-OFDM QPSK100M	Left Tilted	528000	ANT2	1	1	1	DSI1	-	20.50	19.83	-0.04	0.265	-	1.167	0.31
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Cheek	528000	ANT2	135	0	1	DSI1	-	20.50	19.80	-0.16	0.145	-	1.175	0.17
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Tilted	528000	ANT2	135	0	1	DSI1	-	20.50	19.80	-0.14	0.133	-	1.175	0.16
	NR N41 PC3	DFT-s-OFDM QPSK100M	Left Cheek	528000	ANT2	135	0	1	DSI1	-	20.50	19.80	-0.05	0.360	-	1.175	0.42
	NR N41 PC3	DFT-s-OFDM QPSK100M	Left Tilted	528000	ANT2	135	0	1	DSI1	-	20.50	19.80	-0.03	0.258	-	1.175	0.30
	NR N41 PC2	DFT-s-OFDM QPSK100M	Left Cheek	528000	ANT2	1	1	1	DSI1	-	20.50	19.96	-0.12	0.366	-	1.132	0.41
	NR N41 PC3	DFT-s-OFDM QPSK100M	Left Cheek	528000	ANT2	1	1	2	DSI1	-	20.50	19.83	0.03	0.366	-	1.167	0.43
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.17	0.297	-	1.143	0.34
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.18	0.209	-	1.143	0.24
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	-0.03	0.287	-	1.143	0.33
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	-0.11	0.292	-	1.143	0.33
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	0.17	0.284	-	1.189	0.34
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.06	0.218	-	1.189	0.26
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.17	0.301	-	1.189	**0.36**
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	0.03	0.297	-	1.189	0.35
	NR N41 MIMO PC2	CP-OFDM QPSK100M	Left Cheek	528000	ANT1+2	137	0	1	Full	-	24.00	23.82	0.17	0.201	-	1.042	0.21
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	528000	ANT1+2	137	0	2	Full	-	23.70	22.95	0.20	0.296	-	1.189	0.35
	NR N48 PC3	DFT-s-OFDM QPSK10M	Right Cheek	646332	ANT5	1	22	1	DSI1	-	18.50	17.93	0.09	0.077	-	1.140	0.09
	NR N48 PC3	DFT-s-OFDM QPSK10M	Right Tilted	646332	ANT5	1	22	1	DSI1	-	18.50	17.93	-0.09	0.000	-	1.140	0.00
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Cheek	646332	ANT5	1	22	1	DSI1	-	18.50	17.93	0.15	0.219	-	1.140	0.25
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Tilted	646332	ANT5	1	22	1	DSI1	-	18.50	17.93	0.02	0.000	-	1.140	0.00
	NR N48 PC3	DFT-s-OFDM QPSK10M	Right Cheek	646332	ANT5	12	6	1	DSI1	-	18.50	17.70	0.11	0.076	-	1.202	0.09
	NR N48 PC3	DFT-s-OFDM QPSK10M	Right Tilted	646332	ANT5	12	6	1	DSI1	-	18.50	17.70	0.10	0.034	-	1.202	0.04
P20	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Cheek	646332	ANT5	12	6	1	DSI1	-	18.50	17.70	0.03	0.245	-	1.202	**0.29**
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Tilted	646332	ANT5	12	6	1	DSI1	-	18.50	17.70	0.01	0.045	-	1.202	0.05
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Cheek	637000	ANT5	12	6	1	DSI1	-	18.50	17.54	0.17	0.226	-	1.247	0.28
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Cheek	641666	ANT5	12	6	1	DSI1	-	18.50	17.48	0.08	0.148	-	1.265	0.19
	NR N48 PC2	DFT-s-OFDM QPSK10M	Left Cheek	646332	ANT5	12	6	1	DSI1	-	18.50	17.63	0.05	0.137	-	1.222	0.17
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Cheek	646332	ANT5	12	6	2	DSI1	-	18.50	17.70	0.16	0.231	-	1.202	0.28
	NR N66	DFT-s-OFDM QPSK20M	Right Cheek	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.08	0.087	-	1.050	0.09
	NR N66	DFT-s-OFDM QPSK20M	Right Tilted	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.12	0.065	-	1.050	0.07
	NR N66	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.12	0.158	-	1.050	0.17
	NR N66	DFT-s-OFDM QPSK20M	Left Tilted	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.02	0.088	-	1.050	0.09
	NR N66	DFT-s-OFDM QPSK20M	Right Cheek	349000	ANT0	50	28	1	Full	-	24.50	24.25	0.02	0.087	-	1.059	0.09
	NR N66	DFT-s-OFDM QPSK20M	Right Tilted	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.12	0.064	-	1.059	0.07
	NR N66	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.07	0.166	-	1.059	**0.18**
	NR N66	DFT-s-OFDM QPSK20M	Left Tilted	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.01	0.085	-	1.059	0.09
	NR N66	DFT-s-OFDM QPSK20M	Left Cheek	344000	ANT0	50	28	1	Full	-	24.50	23.90	-0.10	0.125	-	1.148	0.14
	NR N66	DFT-s-OFDM QPSK20M	Left Cheek	354000	ANT0	50	28	1	Full	-	24.50	24.17	0.09	0.159	-	1.079	0.17
	NR N66	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT0	50	28	2	Full	-	24.50	24.25	0.15	0.144	-	1.059	0.15

Plot No.	Band	Mode	Test Position	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Factor	Scaling Factor	Scaled 1g SAR
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Cheek	349000	ANT2	1	1	1	DSI1	-	21.50	20.99	0.11	0.303	-	1.125	0.34
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Tilted	349000	ANT2	1	1	1	DSI1	-	21.50	20.99	0.13	0.187	-	1.125	0.21
P21	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT2	1	1	1	DSI1	-	21.50	20.99	-0.15	0.472	-	1.125	**0.53**
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Tilted	349000	ANT2	1	1	1	DSI1	-	21.50	20.99	0.14	0.251	-	1.125	0.28
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Cheek	349000	ANT2	50	28	1	DSI1	-	21.50	20.92	0.11	0.304	-	1.143	0.35
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Tilted	349000	ANT2	50	28	1	DSI1	-	21.50	20.92	0.08	0.183	-	1.143	0.21
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT2	50	28	1	DSI1	-	21.50	20.92	-0.11	0.443	-	1.143	0.51
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Tilted	349000	ANT2	50	28	1	DSI1	-	21.50	20.92	-0.02	0.249	-	1.143	0.28
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	344000	ANT2	1	1	1	DSI1	-	21.50	20.79	-0.07	0.444	-	1.178	0.52
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	354000	ANT2	1	1	1	DSI1	-	21.50	20.77	-0.13	0.411	-	1.183	0.49
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	349000	ANT2	1	1	2	DSI1	-	21.50	20.99	0.16	0.380	-	1.125	0.43
	NR N71	DFT-s-OFDM QPSK20M	Right Cheek	134600	ANT0	1	1	1	Full	-	24.50	24.07	0.15	0.077	-	1.104	0.09
	NR N71	DFT-s-OFDM QPSK20M	Right Tilted	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.06	0.000	-	1.104	0.00
	NR N71	DFT-s-OFDM QPSK20M	Left Cheek	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.17	0.064	-	1.104	0.07
	NR N71	DFT-s-OFDM QPSK20M	Left Tilted	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.15	0.000	-	1.104	0.00
	NR N71	DFT-s-OFDM QPSK20M	Right Cheek	134600	ANT0	50	28	1	Full	-	24.50	24.04	-0.10	0.085	-	1.112	**0.09**
	NR N71	DFT-s-OFDM QPSK20M	Right Tilted	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.18	0.000	-	1.112	0.00
	NR N71	DFT-s-OFDM QPSK20M	Left Cheek	134600	ANT0	50	28	1	Full	-	24.50	24.04	-0.16	0.066	-	1.112	0.07
	NR N71	DFT-s-OFDM QPSK20M	Left Tilted	134600	ANT0	50	28	1	Full	-	24.50	24.04	-0.04	0.000	-	1.112	0.00
	NR N71	DFT-s-OFDM QPSK20M	Right Cheek	136100	ANT0	50	28	1	Full	-	24.50	24.01	-0.19	0.070	-	1.119	0.08
	NR N71	DFT-s-OFDM QPSK20M	Right Cheek	137600	ANT0	50	28	1	Full	-	24.50	23.96	-0.20	0.073	-	1.132	0.08
	NR N71	DFT-s-OFDM QPSK20M	Right Cheek	134600	ANT0	50	28	2	Full	-	24.50	24.04	0.10	0.068	-	1.112	0.08
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Cheek	134600	ANT2	1	1	1	Full	-	24.50	24.02	-0.02	0.068	-	1.117	0.08
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Tilted	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.03	0.051	-	1.117	0.06
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.14	0.193	-	1.117	0.22
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Tilted	134600	ANT2	1	1	1	Full	-	24.50	24.02	-0.15	0.137	-	1.117	0.15
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Cheek	134600	ANT2	50	28	1	Full	-	24.50	23.98	-0.06	0.075	-	1.127	0.08
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Tilted	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.13	0.056	-	1.127	0.06
P22	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.07	0.211	-	1.127	**0.24**
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Tilted	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.05	0.143	-	1.127	0.16
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	136100	ANT2	50	28	1	Full	-	24.50	23.94	-0.01	0.204	-	1.138	0.23
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	137600	ANT2	50	28	1	Full	-	24.50	23.83	0.19	0.201	-	1.167	0.23
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Left Cheek	134600	ANT2	50	28	2	Full	-	24.50	23.98	-0.02	0.204	-	1.127	0.23
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Cheek	633334	ANT5	1	1	1	DSI1	-	17.00	16.07	-0.13	0.068	-	1.239	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Tilted	633334	ANT5	1	1	1	DSI1	-	17.00	16.07	0.14	0.000	-	1.239	0.00
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	1	DSI1	-	17.00	16.07	0.01	0.213	-	1.239	**0.26**
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Tilted	633334	ANT5	1	1	1	DSI1	-	17.00	16.07	-0.19	0.000	-	1.239	0.00
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Cheek	633334	ANT5	135	138	1	DSI1	-	17.00	15.80	-0.04	0.050	-	1.318	0.07
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Tilted	633334	ANT5	135	138	1	DSI1	-	17.00	15.80	-0.18	0.000	-	1.318	0.00
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	135	138	1	DSI1	-	17.00	15.80	-0.17	0.169	-	1.318	0.22
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Tilted	633334	ANT5	135	138	1	DSI1	-	17.00	15.80	0.05	0.000	-	1.318	0.00
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	1	DSI1	-	17.00	16.11	-0.04	0.108	-	1.227	0.13
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	2	DSI1	-	17.00	16.07	-0.17	0.198	-	1.239	0.25
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	0.10	0.078	-	1.245	0.10
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.14	0.039	-	1.245	0.05
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	0.02	0.211	-	1.245	0.26
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	0.05	0.038	-	1.245	0.05
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	-0.06	0.194	-	1.253	0.24
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	-0.11	0.106	-	1.253	0.13
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.08	0.302	-	1.253	**0.38**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.10	0.057	-	1.253	0.07
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	68	1	Full	-	25.20	24.42	0.05	0.273	-	1.197	0.33
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	68	2	Full	-	23.70	22.72	0.18	0.294	-	1.253	0.37
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Cheek	650000	ANT5	1	137	1	DSI1	-	17.00	16.12	0.10	0.060	-	1.225	0.07
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Tilted	650000	ANT5	1	137	1	DSI1	-	17.00	16.12	0.09	0.000	-	1.225	0.00
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	650000	ANT5	1	137	1	DSI1	-	17.00	16.12	-0.10	0.267	-	1.225	**0.33**
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Tilted	650000	ANT5	1	137	1	DSI1	-	17.00	16.12	0.16	0.000	-	1.225	0.00
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Cheek	650000	ANT5	135	138	1	DSI1	-	17.00	15.86	0.10	0.058	-	1.300	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Right Tilted	650000	ANT5	135	138	1	DSI1	-	17.00	15.86	0.13	0.033	-	1.300	0.04
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	650000	ANT5	135	138	1	DSI1	-	17.00	15.86	0.08	0.245	-	1.300	0.32
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Tilted	650000	ANT5	135	138	1	DSI1	-	17.00	15.86	0.04	0.000	-	1.300	0.00
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Cheek	650000	ANT5	1	137	1	DSI1	-	17.00	16.19	0.14	0.211	-	1.205	0.25
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Cheek	650000	ANT5	1	137	2	DSI1	-	17.00	16.12	-0.17	0.241	-	1.225	0.30
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	0.08	0.413	-	1.233	0.51
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	0.14	0.272	-	1.233	0.34
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.01	0.451	-	1.233	0.56
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.08	0.107	-	1.233	0.13
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	-0.03	0.436	-	1.297	0.57
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	-0.04	0.271	-	1.297	0.35
P23	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	-0.05	0.462	-	1.297	**0.60**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	0.04	0.109	-	1.297	0.14
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Left Cheek	650000	ANT5+3	137	0	1	Full	-	23.70	22.72	0.09	0.316	-	1.253	0.40
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	650000	ANT5+3	137	0	2	Full	-	23.70	22.57	-0.06	0.369	-	1.297	0.48
	NR N78 PC3	DFT-s-OFDM QPSK100M	Right Cheek	633334	ANT5	1	1	1	DSI1	-	20.50	19.55	-0.02	0.174	-	1.245	0.22
	NR N78 PC3	DFT-s-OFDM QPSK100M	Right Tilted	633334	ANT5	1	1	1	DSI1	-	20.50	19.55	-0.02	0.080	-	1.245	0.10
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	1	DSI1	-	20.50	19.55	-0.08	0.468	-	1.245	**0.58**
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Tilted	633334	ANT5	1	1	1	DSI1	-	20.50	19.55	-0.02	0.058	-	1.245	0.07
	NR N78 PC3	DFT-s-OFDM QPSK100M	Right Cheek	633334	ANT5	135	0	1	DSI1	-	20.50	19.43	0.16	0.160	-	1.279	0.20
	NR N78 PC3	DFT-s-OFDM QPSK100M	Right Tilted	633334	ANT5	135	0	1	DSI1	-	20.50	19.43	-0.15	0.069	-	1.279	0.09
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	135	0	1	DSI1	-	20.50	19.43	0.09	0.449	-	1.279	0.57
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Tilted	633334	ANT5	135	0	1	DSI1	-	20.50	19.43	0.14	0.050	-	1.279	0.06
	NR N78 PC2	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	1	DSI1	-	20.50	19.69	0.18	0.355	-	1.205	0.43
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Cheek	633334	ANT5	1	1	2	DSI1	-	20.50	19.55	0.05	0.344	-	1.245	0.43
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.18	0.342	-	1.219	0.42
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	-0.19	0.182	-	1.219	0.22
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.15	0.554	-	1.219	0.68
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	-0.06	0.101	-	1.219	0.12
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Right Cheek	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.17	0.357	-	1.239	0.44
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Right Tilted	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	0.10	0.182	-	1.239	0.23
P24	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.10	0.613	-	1.239	**0.76**
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Tilted	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	0.16	0.096	-	1.239	0.12
	NR N78 MIMO PC2	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	0	1	Full	-	23.70	22.71	0.09	0.268	-	1.256	0.34
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Cheek	633334	ANT5+3	137	0	2	Full	-	23.70	22.77	0.04	0.472	-	1.239	0.58

< Head Exposure Condition >

<WLAN/BT>

Plot No.	Band	Mode	Test Position	Channel	Ant	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Factor	Scaling Factor	Scaled 1g SAR
	WLAN2.4G	802.11b	Right Cheek	11	ANT5	1	Full	100	19.00	18.08	0.02	0.122	1.000	1.236	0.15
	WLAN2.4G	802.11b	Right Tilted	11	ANT5	1	Full	100	19.00	18.08	0.01	0.075	1.000	1.236	0.09
	WLAN2.4G	802.11b	Left Cheek	11	ANT5	1	Full	100	19.00	18.08	-0.07	0.195	1.000	1.236	**0.24**
	WLAN2.4G	802.11b	Left Tilted	11	ANT5	1	Full	100	19.00	18.08	0.16	0.050	1.000	1.236	0.06
	WLAN2.4G	802.11b	Left Cheek	1	ANT5	1	Full	100	18.00	17.23	0.19	0.195	1.000	1.194	0.23
	WLAN2.4G	802.11b	Left Cheek	6	ANT5	1	Full	100	18.00	17.43	-0.16	0.202	1.000	1.140	0.23
	WLAN2.4G	802.11b	Left Cheek	11	ANT5	2	Full	100	19.00	18.08	-0.03	0.179	1.000	1.236	0.22
	WLAN2.4G	802.11b	Right Cheek	11	ANT6	1	Full	100	14.00	13.12	0.02	0.064	1.000	1.225	0.08
	WLAN2.4G	802.11b	Right Tilted	11	ANT6	1	Full	100	14.00	13.12	0.07	0.101	1.000	1.225	**0.12**
	WLAN2.4G	802.11b	Left Cheek	11	ANT6	1	Full	100	14.00	13.12	0.11	0.030	1.000	1.225	0.04
	WLAN2.4G	802.11b	Left Tilted	11	ANT6	1	Full	100	14.00	13.12	-0.11	0.039	1.000	1.225	0.05
	WLAN2.4G	802.11b	Right Tilted	1	ANT6	1	Full	100	13.00	11.92	-0.12	0.076	1.000	1.282	0.10
	WLAN2.4G	802.11b	Right Tilted	6	ANT6	1	Full	100	14.00	12.95	0.17	0.072	1.000	1.274	0.09
	WLAN2.4G	802.11b	Right Tilted	11	ANT6	2	Full	100	14.00	13.12	0.12	0.087	1.000	1.225	0.11
	WLAN2.4G	802.11b	Right Cheek	11	ANT5+6	1	Full	100	21.00	20.45	-0.03	0.165	1.000	1.135	0.19
	WLAN2.4G	802.11b	Right Tilted	11	ANT5+6	1	Full	100	21.00	20.45	0.00	0.228	1.000	1.135	0.26
	WLAN2.4G	802.11b	Left Cheek	11	ANT5+6	1	Full	100	21.00	20.45	0.19	0.171	1.000	1.135	0.19
	WLAN2.4G	802.11b	Left Tilted	11	ANT5+6	1	Full	100	21.00	20.45	0.00	0.165	1.000	1.135	0.19
P25	WLAN2.4G	802.11b	Right Tilted	1	ANT5+6	1	Full	100	21.00	19.52	0.11	0.259	1.000	1.406	**0.36**
	WLAN2.4G	802.11b	Right Tilted	6	ANT5+6	1	Full	100	21.00	19.99	0.20	0.228	1.000	1.262	0.29
	WLAN2.4G	802.11b	Right Tilted	1	ANT5+6	2	Full	100	21.00	19.52	-0.03	0.237	1.000	1.406	0.33
	WLAN5G	802.11a	Right Cheek	52	ANT5	1	DSI1	99.34	14.00	12.60	0.12	0.040	1.007	1.380	0.06
	WLAN5G	802.11a	Right Tilted	52	ANT5	1	DSI1	99.34	14.00	12.60	0.17	0.048	1.007	1.380	0.07
	WLAN5G	802.11a	Left Cheek	52	ANT5	1	DSI1	99.34	14.00	12.60	0.04	0.130	1.007	1.380	**0.18**
	WLAN5G	802.11a	Left Tilted	52	ANT5	1	DSI1	99.34	14.00	12.60	0.09	0.031	1.007	1.380	0.04
	WLAN5G	802.11a	Left Cheek	56	ANT5	1	DSI1	99.34	13.00	12.21	-0.11	0.132	1.007	1.199	0.16
	WLAN5G	802.11a	Left Cheek	60	ANT5	1	DSI1	99.34	13.00	12.32	0.11	0.123	1.007	1.169	0.14
	WLAN5G	802.11a	Left Cheek	64	ANT5	1	DSI1	99.34	13.00	12.02	-0.20	0.117	1.007	1.253	0.15
	WLAN5G	802.11a	Left Cheek	52	ANT5	2	DSI1	99.34	14.00	12.60	0.13	0.121	1.007	1.380	0.17
	WLAN5G	802.11a	Right Cheek	64	ANT6	1	Full	99.34	16.00	15.00	0.08	0.372	1.007	1.259	**0.47**
	WLAN5G	802.11a	Right Tilted	64	ANT6	1	Full	99.34	16.00	15.00	-0.04	0.176	1.007	1.259	0.22
	WLAN5G	802.11a	Left Cheek	64	ANT6	1	Full	99.34	16.00	15.00	0.15	0.146	1.007	1.259	0.19
	WLAN5G	802.11a	Left Tilted	64	ANT6	1	Full	99.34	16.00	15.00	-0.13	0.143	1.007	1.259	0.18
	WLAN5G	802.11a	Right Cheek	52	ANT6	1	Full	99.34	15.00	14.50	-0.04	0.389	1.007	1.123	0.44
	WLAN5G	802.11a	Right Cheek	56	ANT6	1	Full	99.34	16.00	14.51	-0.18	0.222	1.007	1.409	0.31
	WLAN5G	802.11a	Right Cheek	60	ANT6	1	Full	99.34	16.00	14.67	-0.11	0.216	1.007	1.358	0.30
	WLAN5G	802.11a	Right Cheek	64	ANT6	2	Full	99.34	16.00	15.00	-0.04	0.238	1.007	1.259	0.30
P26	WLAN5G	802.11a	Right Cheek	52	ANT5+6	1	Full	99.34	19.00	18.30	-0.03	0.413	1.007	1.175	**0.49**
	WLAN5G	802.11a	Right Tilted	52	ANT5+6	1	Full	99.34	19.00	18.30	-0.05	0.216	1.007	1.175	0.26
	WLAN5G	802.11a	Left Cheek	52	ANT5+6	1	Full	99.34	19.00	18.30	0.11	0.232	1.007	1.175	0.27
	WLAN5G	802.11a	Left Tilted	52	ANT5+6	1	Full	99.34	19.00	18.30	0.05	0.166	1.007	1.175	0.20
	WLAN5G	802.11a	Right Cheek	56	ANT5+6	1	Full	99.34	19.00	18.24	0.19	0.230	1.007	1.191	0.28
	WLAN5G	802.11a	Right Cheek	60	ANT5+6	1	Full	99.34	19.00	18.19	-0.18	0.218	1.007	1.205	0.26
	WLAN5G	802.11a	Right Cheek	64	ANT5+6	1	Full	99.34	19.00	18.22	-0.19	0.205	1.007	1.197	0.25
	WLAN5G	802.11a	Right Cheek	52	ANT5+6	2	Full	99.34	19.00	18.30	-0.17	0.298	1.007	1.175	0.35
	WLAN5G	802.11a	Right Cheek	140	ANT5	1	DSI1	99.34	13.00	12.20	-0.15	0.037	1.007	1.202	0.04
	WLAN5G	802.11a	Right Tilted	140	ANT5	1	DSI1	99.34	13.00	12.20	0.17	0.036	1.007	1.202	0.04
	WLAN5G	802.11a	Left Cheek	140	ANT5	1	DSI1	99.34	13.00	12.20	0.03	0.124	1.007	1.202	0.15
	WLAN5G	802.11a	Left Tilted	140	ANT5	1	DSI1	99.34	13.00	12.20	-0.07	0.042	1.007	1.202	0.05
	WLAN5G	802.11a	Left Cheek	100	ANT5	1	DSI1	99.34	13.00	11.97	0.06	0.162	1.007	1.268	**0.21**
	WLAN5G	802.11a	Left Cheek	116	ANT5	1	DSI1	99.34	13.00	11.97	0.05	0.115	1.007	1.268	0.15
	WLAN5G	802.11a	Left Cheek	124	ANT5	1	DSI1	99.34	13.00	12.06	0.14	0.128	1.007	1.242	0.16
	WLAN5G	802.11a	Left Cheek	100	ANT5	2	DSI1	99.34	13.00	11.97	-0.19	0.104	1.007	1.268	0.13
	WLAN5G	802.11a	Right Cheek	140	ANT6	1	Full	99.34	17.00	15.56	0.01	0.161	1.007	1.393	0.23
	WLAN5G	802.11a	Right Tilted	140	ANT6	1	Full	99.34	17.00	15.56	0.12	0.215	1.007	1.393	**0.30**
	WLAN5G	802.11a	Left Cheek	140	ANT6	1	Full	99.34	17.00	15.56	-0.06	0.122	1.007	1.393	0.17
	WLAN5G	802.11a	Left Tilted	140	ANT6	1	Full	99.34	17.00	15.56	0.10	0.119	1.007	1.393	0.17
	WLAN5G	802.11a	Right Tilted	100	ANT6	1	Full	99.34	16.00	15.26	-0.06	0.241	1.007	1.185	0.29
	WLAN5G	802.11a	Right Tilted	116	ANT6	1	Full	99.34	16.00	14.79	0.05	0.156	1.007	1.322	0.21
	WLAN5G	802.11a	Right Tilted	124	ANT6	1	Full	99.34	16.00	15.13	-0.05	0.150	1.007	1.222	0.18
	WLAN5G	802.11a	Right Tilted	140	ANT6	2	Full	99.34	17.00	15.56	-0.07	0.202	1.007	1.393	0.28
	WLAN5G	802.11a	Right Cheek	140	ANT5+6	1	Full	99.34	20.00	18.54	0.19	0.049	1.007	1.400	0.07
	WLAN5G	802.11a	Right Tilted	140	ANT5+6	1	Full	99.34	20.00	18.54	0.20	0.045	1.007	1.400	0.06
P27	WLAN5G	802.11a	Left Cheek	140	ANT5+6	1	Full	99.34	20.00	18.54	0.07	0.328	1.007	1.400	**0.46**
	WLAN5G	802.11a	Left Tilted	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.20	0.123	1.007	1.400	0.17
	WLAN5G	802.11a	Left Cheek	100	ANT5+6	1	Full	99.34	19.00	18.33	0.18	0.188	1.007	1.167	0.22
	WLAN5G	802.11a	Left Cheek	116	ANT5+6	1	Full	99.34	19.00	18.05	0.18	0.182	1.007	1.245	0.23
	WLAN5G	802.11a	Left Cheek	124	ANT5+6	1	Full	99.34	19.00	18.21	0.07	0.337	1.007	1.199	0.41
	WLAN5G	802.11a	Left Cheek	140	ANT5+6	2	Full	99.34	20.00	18.54	0.01	0.283	1.007	1.400	0.40
	WLAN5G	802.11a	Right Cheek	157	ANT5	1	Full	99.48	16.00	15.08	0.03	0.052	1.005	1.236	0.06
	WLAN5G	802.11a	Right Tilted	157	ANT5	1	Full	99.48	16.00	15.08	0.04	0.035	1.005	1.236	0.04
	WLAN5G	802.11a	Left Cheek	157	ANT5	1	Full	99.48	16.00	15.08	-0.08	0.128	1.005	1.236	0.16
	WLAN5G	802.11a	Left Tilted	157	ANT5	1	Full	99.48	16.00	15.08	-0.06	0.039	1.005	1.236	0.05
	WLAN5G	802.11a	Left Cheek	149	ANT5	1	Full	99.48	15.00	14.41	-0.03	0.206	1.005	1.147	**0.24**
	WLAN5G	802.11a	Left Cheek	165	ANT5	1	Full	99.48	16.00	14.53	0.19	0.112	1.005	1.403	0.16
	WLAN5G	802.11a	Left Cheek	149	ANT5	2	Full	99.48	15.00	14.41	0.11	0.094	1.005	1.147	0.11
	WLAN5G	802.11a	Right Cheek	157	ANT6	1	Full	99.48	16.00	14.93	-0.01	0.216	1.005	1.279	0.28
	WLAN5G	802.11a	Right Tilted	157	ANT6	1	Full	99.48	16.00	14.93	-0.16	0.304	1.005	1.279	0.39
	WLAN5G	802.11a	Left Cheek	157	ANT6	1	Full	99.48	16.00	14.93	0.05	0.156	1.005	1.279	0.20
	WLAN5G	802.11a	Left Tilted	157	ANT6	1	Full	99.48	16.00	14.93	-0.12	0.147	1.005	1.279	0.19
	WLAN5G	802.11a	Right Tilted	149	ANT6	1	Full	99.48	15.00	14.16	0.18	0.163	1.005	1.213	0.20
	WLAN5G	802.11a	Right Tilted	165	ANT6	1	Full	99.48	16.00	14.75	-0.01	0.420	1.005	1.334	**0.56**
	WLAN5G	802.11a	Right Tilted	165	ANT6	2	Full	99.48	16.00	14.75	0.07	0.335	1.005	1.334	0.45
	WLAN5G	802.11a	Right Cheek	157	ANT5+6	1	Full	99.48	19.00	18.13	-0.15	0.211	1.005	1.222	0.26
	WLAN5G	802.11a	Right Tilted	157	ANT5+6	1	Full	99.48	19.00	18.13	-0.17	0.259	1.005	1.222	0.32
	WLAN5G	802.11a	Left Cheek	157	ANT5+6	1	Full	99.48	19.00	18.13	0.02	0.141	1.005	1.222	0.17
	WLAN5G	802.11a	Left Tilted	157	ANT5+6	1	Full	99.48	19.00	18.13	0.01	0.162	1.005	1.222	0.20
	WLAN5G	802.11a	Right Tilted	149	ANT5+6	1	Full	99.48	18.00	17.45	0.12	0.184	1.005	1.134	0.21
P28	WLAN5G	802.11a	Right Tilted	165	ANT5+6	1	Full	99.48	19.00	17.77	-0.01	0.435	1.005	1.328	**0.58**
	WLAN5G	802.11a	Right Tilted	165	ANT5+6	2	Full	99.48	19.00	17.77	-0.13	0.343	1.005	1.328	0.46
	BT	GFSK	Right Cheek	78	ANT5	1	Full	45.97	11.00	10.47	-0.19	0.025	2.175	1.130	0.06
	BT	GFSK	Right Tilted	78	ANT5	1	Full	45.97	11.00	10.47	0.14	0.000	2.175	1.130	0.00
P29	BT	GFSK	Left Cheek	78	ANT5	1	Full	45.97	11.00	10.47	-0.06	0.082	2.175	1.130	**0.20**
	BT	GFSK	Left Tilted	78	ANT5	1	Full	45.97	11.00	10.47	0.02	0.023	2.175	1.130	0.06
	BT	GFSK	Left Cheek	0	ANT5	1	Full	45.97	11.00	10.41	-0.09	0.074	2.175	1.145	0.18
	BT	GFSK	Left Cheek	39	ANT5	1	Full	45.97	11.00	10.13	0.19	0.071	2.175	1.222	0.19
	BT	GFSK	Left Cheek	78	ANT5	2	Full	45.97	11.00	10.47	0.18	0.054	2.175	1.130	0.13

< Body Worn Exposure Condition >

<GSM/WCDMA>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	Sample	Power Reduction	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Tune-up Scaling Factor	Scaled 1g SAR
	GSM850	GPRS 2Tx Slot	Front Face	1.0	128	ANT0	1	Full	30.70	30.29	-0.19	0.083	1.099	0.09
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	128	ANT0	1	Full	30.70	30.29	0.18	0.242	1.099	0.27
P30	GSM850	GPRS 2Tx Slot	Rear Face	1.0	189	ANT0	1	Full	30.70	30.27	-0.13	0.269	1.104	**0.30**
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	251	ANT0	1	Full	30.70	30.18	-0.14	0.258	1.127	0.29
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	189	ANT0	2	Full	30.70	30.27	-0.13	0.246	1.104	0.27
	GSM1900	GPRS 4Tx Slot	Front Face	1.0	661	ANT0	1	Full	24.70	24.34	-0.17	0.209	1.086	0.23
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	661	ANT0	1	Full	24.70	24.34	-0.05	0.251	1.086	0.27
P31	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	512	ANT0	1	Full	24.70	24.27	0.07	0.275	1.104	**0.30**
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	810	ANT0	1	Full	24.70	24.32	-0.06	0.250	1.091	0.27
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	512	ANT0	2	Full	24.70	24.27	0.19	0.258	1.104	0.28
	WCDMA II	RMC12.2K	Front Face	1.0	9400	ANT0	1	Full	23.7	23.04	0.06	0.000	1.164	0.00
	WCDMA II	RMC12.2K	Rear Face	1.0	9400	ANT0	1	Full	23.7	23.04	0.09	0.410	1.164	0.48
	WCDMA II	RMC12.2K	Rear Face	1.0	9262	ANT0	1	Full	23.7	22.98	-0.19	0.298	1.180	0.35
P32	WCDMA II	RMC12.2K	Rear Face	1.0	9538	ANT0	1	Full	23.7	22.95	-0.05	0.496	1.189	**0.59**
	WCDMA II	RMC12.2K	Rear Face	1.0	9538	ANT0	2	Full	23.7	22.95	0.07	0.412	1.189	0.49
	WCDMA IV	RMC12.2K	Front Face	1.0	1312	ANT0	1	Full	23.7	23.05	0.08	0.000	1.161	0.00
	WCDMA IV	RMC12.2K	Rear Face	1.0	1312	ANT0	1	Full	23.7	23.05	-0.01	0.394	1.161	0.46
	WCDMA IV	RMC12.2K	Rear Face	1.0	1413	ANT0	1	Full	23.7	23.02	-0.04	0.387	1.169	0.45
P33	WCDMA IV	RMC12.2K	Rear Face	1.0	1513	ANT0	1	Full	23.7	23.03	-0.05	0.452	1.167	**0.53**
	WCDMA IV	RMC12.2K	Rear Face	1.0	1513	ANT0	2	Full	23.7	23.03	-0.09	0.340	1.167	0.40
	WCDMA V	RMC12.2K	Front Face	1.0	4233	ANT0	1	Full	23.7	23.21	0.13	0.000	1.119	0.00
P34	WCDMA V	RMC12.2K	Rear Face	1.0	4233	ANT0	1	Full	23.7	23.21	0.06	0.354	1.119	**0.40**
	WCDMA V	RMC12.2K	Rear Face	1.0	4132	ANT0	1	Full	23.7	23.12	0.17	0.311	1.143	0.36
	WCDMA V	RMC12.2K	Rear Face	1.0	4182	ANT0	1	Full	23.7	23.13	0.12	0.324	1.140	0.37
	WCDMA V	RMC12.2K	Rear Face	1.0	4233	ANT0	2	Full	23.7	23.21	-0.14	0.298	1.119	0.33

< Body Worn Exposure Condition >

<LTE>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	LTE 2	QPSK20M	Front Face	1.0	18700	ANT0	1	99	1	Full	-	23.7	22.47	-0.18	0.228	-	1.327	0.30
	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	1	99	1	DSI2	-	21.0	20.27	0.09	0.201	-	1.183	0.24
	LTE 2	QPSK20M	Front Face	1.0	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.20	0.217	-	1.291	0.28
P35	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	50	50	1	DSI2	-	20.0	19.43	-0.14	0.277	-	1.140	**0.32**
	LTE 2	QPSK20M	Rear Face	1.5	18700	ANT0	1	99	1	Full	-	23.7	22.47	0.06	0.113	-	1.327	0.15
	LTE 2	QPSK20M	Rear Face	1.5	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.04	0.107	-	1.291	0.14
	LTE 2	QPSK20M	Rear Face	1.0	18900	ANT0	50	50	1	DSI2	-	20.0	19.40	-0.06	0.212	-	1.148	0.24
	LTE 2	QPSK20M	Rear Face	1.0	19100	ANT0	50	50	1	DSI2	-	20.0	19.36	-0.18	0.159	-	1.159	0.18
	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	50	50	2	DSI2	-	20.0	19.43	0.18	0.208	-	1.140	0.24
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.01	0.118	-	1.213	0.14
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	-0.17	0.192	-	1.213	0.23
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.19	0.113	-	1.183	0.13
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.18	0.184	-	1.183	0.22
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18900	ANT1	1	99	1	Full	-	18.0	18.01	0.09	0.198	-	0.998	0.20
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	19100	ANT1	1	99	1	Full	-	18.0	17.99	0.01	0.236	-	1.002	**0.24**
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	19100	ANT1	1	99	2	Full	-	18.0	17.99	0.03	0.212	-	1.002	0.21
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	-0.10	0.203	-	1.291	0.26
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	-0.04	0.201	-	1.291	0.26
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	-0.04	0.161	-	1.250	0.20
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	-0.17	0.170	-	1.250	0.21
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18900	ANT2	1	99	1	Full	-	23.7	22.51	0.19	0.197	-	1.315	0.26
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	19100	ANT2	1	99	1	Full	-	23.7	22.54	0.10	0.207	-	1.306	**0.27**
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	19100	ANT2	1	99	2	Full	-	23.7	22.54	0.02	0.145	-	1.306	0.19
	LTE 5	QPSK10M	Front Face	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.01	0.074	-	1.285	0.10
P36	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.13	0.331	-	1.285	**0.43**
	LTE 5	QPSK10M	Front Face	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.08	0.062	-	1.265	0.08
	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	-0.20	0.242	-	1.265	0.31
	LTE 5	QPSK10M	Rear Face	1.0	20450	ANT0	1	0	1	Full	-	23.7	22.38	-0.10	0.271	-	1.355	0.37
	LTE 5	QPSK10M	Rear Face	1.0	20525	ANT0	1	0	1	Full	-	23.7	22.60	0.09	0.281	-	1.288	0.36
	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	1	0	2	Full	-	23.7	22.61	-0.11	0.250	-	1.285	0.32
	LTE 5(ENDC Only)	QPSK10M	Front Face	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.03	0.089	-	1.315	0.12
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.15	0.314	-	1.315	**0.41**
	LTE 5(ENDC Only)	QPSK10M	Front Face	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.14	0.076	-	1.291	0.10
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.02	0.188	-	1.291	0.24
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20450	ANT2	1	0	1	Full	-	22.7	22.49	-0.12	0.116	-	1.050	0.12
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20525	ANT2	1	0	1	Full	-	22.7	22.47	-0.09	0.217	-	1.054	0.23
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	1	0	2	Full	-	23.7	22.51	-0.07	0.292	-	1.315	0.38
	LTE 7	QPSK20M	Front Face	1.0	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.02	0.156	-	1.330	0.21
P37	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	1	0	1	DSI2	-	21.0	20.50	-0.08	0.443	-	1.122	**0.50**
	LTE 7	QPSK20M	Front Face	1.0	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.12	0.126	-	1.262	0.16
	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	50	0	1	DSI2	-	20.0	19.78	-0.17	0.392	-	1.052	0.41
	LTE 7	QPSK20M	Rear Face	1.5	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.06	0.229	-	1.330	0.30
	LTE 7	QPSK20M	Rear Face	1.5	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.14	0.237	-	1.262	0.30
	LTE 7	QPSK20M	Rear Face	1.0	21100	ANT0	1	0	1	DSI2	-	21.0	20.40	-0.10	0.415	-	1.148	0.48
	LTE 7	QPSK20M	Rear Face	1.0	21350	ANT0	1	0	1	DSI2	-	21.0	20.49	0.05	0.440	-	1.125	0.49
	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	1	0	2	DSI2	-	21.0	20.50	0.09	0.411	-	1.122	0.46
	LTE 12/17	QPSK10M	Front Face	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.01	0.075	-	1.327	0.10
P38	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.09	0.126	-	1.327	**0.17**
	LTE 12/17	QPSK10M	Front Face	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	-0.10	0.058	-	1.306	0.08
	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.09	0.102	-	1.306	0.13
	LTE 12/17	QPSK10M	Rear Face	1.0	23095	ANT0	1	49	1	Full	-	23.7	22.45	0.11	0.118	-	1.334	0.16
	LTE 12/17	QPSK10M	Rear Face	1.0	23130	ANT0	1	49	1	Full	-	23.7	22.46	-0.16	0.115	-	1.330	0.15
	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	1	49	2	Full	-	23.7	22.47	0.08	0.115	-	1.327	0.15
	LTE 12(ENDC Only)	QPSK10M	Front Face	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.16	0.054	-	1.276	0.07
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.09	0.123	-	1.276	**0.16**
	LTE 12(ENDC Only)	QPSK10M	Front Face	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.12	0.000	-	1.259	0.00
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	-0.16	0.078	-	1.259	0.10
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23095	ANT2	1	49	1	Full	-	23.7	22.61	-0.10	0.096	-	1.285	0.12
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23130	ANT2	1	49	1	Full	-	23.7	22.58	0.06	0.085	-	1.294	0.11
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	1	49	2	Full	-	23.7	22.64	-0.09	0.100	-	1.276	0.13
	LTE 13	QPSK10M	Front Face	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.07	0.070	-	1.361	0.10
P39	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	0.05	0.140	-	1.361	**0.19**
	LTE 13	QPSK10M	Front Face	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.11	0.055	-	1.324	0.07
	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	0.06	0.133	-	1.324	0.18
	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	1	0	2	Full	-	23.7	22.36	0.18	0.120	-	1.361	0.16
	LTE 41/38	QPSK20M	Front Face	1.0	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	0.02	0.143	1.006	1.274	0.18
P40	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	1	0	1	DSI2	62.90	22.0	21.24	0.09	0.461	1.006	1.191	**0.55**
	LTE 41/38	QPSK20M	Front Face	1.0	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.05	0.132	1.006	1.259	0.17
	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	50	0	1	DSI2	62.90	21.0	20.25	-0.03	0.420	1.006	1.189	0.50
	LTE 41/38	QPSK20M	Rear Face	1.5	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.16	0.236	1.006	1.274	0.30
	LTE 41/38	QPSK20M	Rear Face	1.5	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.12	0.253	1.006	1.259	0.32
	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	1	0	2	DSI2	62.90	22.0	21.24	-0.08	0.402	1.006	1.191	0.48
	LTE 48	QPSK20M	Front Face	1.0	56640	ANT5	1	0	1	DSI2	62.90	20.0	19.36	0.13	0.172	1.006	1.159	0.20
	LTE 48	QPSK20M	Rear Face	1.0	56640	ANT5	1	0	1	DSI2	62.90	20.0	19.36	0.08	0.250	1.006	1.159	0.29
	LTE 48	QPSK20M	Front Face	1.0	56640	ANT5	50	25	1	DSI2	62.90	19.0	18.61	0.17	0.156	1.006	1.094	0.17
	LTE 48	QPSK20M	Rear Face	1.0	56640	ANT5	50	25	1	DSI2	62.90	19.0	18.61	0.09	0.274	1.006	1.094	0.30
	LTE 48	QPSK20M	Front Face	1.3	56640	ANT5	1	0	1	Full	62.90	23.0	22.09	0.10	0.078	1.006	1.233	0.10
	LTE 48	QPSK20M	Rear Face	2.5	56640	ANT5	1	0	1	Full	62.90	23.0	22.09	-0.08	0.093	1.006	1.233	0.12
	LTE 48	QPSK20M	Front Face	1.3	56640	ANT5	50	25	1	Full	62.90	22.0	21.29	0.03	0.076	1.006	1.178	0.09
	LTE 48	QPSK20M	Rear Face	2.5	56640	ANT5	50	25	1	Full	62.90	22.0	21.29	0.18	0.090	1.006	1.178	0.11
	LTE 48	QPSK20M	Rear Face	1.0	55340	ANT5	50	25	1	DSI2	62.90	19.0	18.41	-0.16	0.207	1.006	1.146	0.24
	LTE 48	QPSK20M	Rear Face	1.0	55830	ANT5	50	25	1	DSI2	62.90	19.0	18.54	-0.01	0.261	1.006	1.112	0.29
P41	LTE 48	QPSK20M	Rear Face	1.0	56150	ANT5	50	25	1	DSI2	62.90	19.0	18.03	0.06	0.305	1.006	1.250	**0.38**
	LTE 48	QPSK20M	Rear Face	1.0	56150	ANT5	50	25	2	DSI2	62.90	19.0	18.03	-0.07	0.117	1.006	1.250	0.15

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	LTE 66/4	QPSK20M	Front Face	1.0	132322	ANT0	1	99	1	Full	-	23.7	22.39	-0.14	0.173	-	1.352	0.23
	LTE 66/4	QPSK20M	Rear Face	1.0	132322	ANT0	1	99	1	DSI2	-	21.0	20.17	0.00	0.215	-	1.211	0.26
	LTE 66/4	QPSK20M	Front Face	1.0	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.05	0.141	-	1.352	0.19
	LTE 66/4	QPSK20M	Rear Face	1.0	132322	ANT0	50	50	1	DSI2	-	20.0	19.19	-0.08	0.201	-	1.205	0.24
	LTE 66/4	QPSK20M	Rear Face	1.5	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.06	0.117	-	1.352	0.16
	LTE 66/4	QPSK20M	Rear Face	1.5	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.16	0.118	-	1.352	0.16
	LTE 66/4	QPSK20M	Rear Face	1.0	132072	ANT0	1	99	1	DSI2	-	21.0	19.98	0.09	0.183	-	1.265	0.23
	LTE 66/4	QPSK20M	Rear Face	1.0	132572	ANT0	1	99	1	DSI2	-	21.0	20.11	0.15	0.245	-	1.227	**0.30**
	LTE 66/4	QPSK20M	Rear Face	1.0	132572	ANT0	1	99	2	DSI2	-	21.0	20.11	0.10	0.205	-	1.227	0.25
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.09	0.142	-	1.247	0.18
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	0.15	0.190	-	1.247	0.24
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	0.08	0.150	-	1.245	0.19
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.06	0.211	-	1.245	0.26
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132072	ANT1	50	50	1	Full	-	20.0	18.89	0.13	0.223	-	1.291	**0.29**
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132572	ANT1	50	50	1	Full	-	20.0	18.95	0.05	0.197	-	1.274	0.25
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132072	ANT1	50	50	1	Full	-	20.0	18.89	-0.17	0.192	-	1.291	0.25
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	0.15	0.189	-	1.315	0.25
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	-0.13	0.257	-	1.315	0.34
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	0.01	0.164	-	1.297	0.21
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	-0.03	0.227	-	1.297	0.29
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132072	ANT2	1	99	1	Full	-	23.7	22.36	0.01	0.249	-	1.361	0.34
P42	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132572	ANT2	1	99	1	Full	-	23.7	22.47	0.04	0.259	-	1.327	**0.34**
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132572	ANT2	1	99	2	Full	-	23.7	22.47	0.18	0.160	-	1.327	0.21
	LTE 71	QPSK20M	Front Face	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.03	0.066	-	1.297	0.09
P43	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.03	0.117	-	1.297	**0.15**
	LTE 71	QPSK20M	Front Face	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.06	0.058	-	1.274	0.07
	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	-0.03	0.107	-	1.274	0.14
	LTE 71	QPSK20M	Rear Face	1.0	133322	ANT0	1	0	1	Full	-	23.7	22.54	0.10	0.108	-	1.306	0.14
	LTE 71	QPSK20M	Rear Face	1.0	133372	ANT0	1	0	1	Full	-	23.7	22.56	-0.14	0.110	-	1.300	0.14
	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	1	0	2	Full	-	23.7	22.57	0.07	0.106	-	1.297	0.14

< Body Worn Exposure Condition >

<NR>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	NR N5	DFT-s-OFDM QPSK20M	Front Face	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.09	0.076	-	1.109	0.08
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	-0.09	0.289	-	1.109	0.32
	NR N5	DFT-s-OFDM QPSK20M	Front Face	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.05	0.077	-	1.132	0.09
P44	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.04	0.327	-	1.132	**0.37**
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	166800	ANT0	50	28	1	Full	-	24.50	23.95	-0.08	0.308	-	1.135	0.35
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167800	ANT0	50	28	1	Full	-	24.50	23.92	-0.02	0.295	-	1.143	0.34
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	50	28	2	Full	-	24.50	23.96	-0.07	0.265	-	1.132	0.30
	NR N7	DFT-s-OFDM QPSK20M	Front Face	1.0	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.06	0.217	-	1.125	0.24
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	507000	ANT0	1	1	1	DSI2	-	21.50	20.99	-0.09	0.474	-	1.125	0.53
	NR N7	DFT-s-OFDM QPSK20M	Front Face	1.0	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.18	0.222	-	1.178	0.26
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	507000	ANT0	50	0	1	DSI2	-	21.50	20.77	0.06	0.500	-	1.183	0.59
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.5	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.05	0.284	-	1.125	0.32
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.5	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.06	0.276	-	1.178	0.33
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	502000	ANT0	50	0	1	DSI2	-	21.50	20.76	0.02	0.458	-	1.186	0.54
P45	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	512000	ANT0	50	0	1	DSI2	-	21.50	20.72	0.04	0.504	-	1.197	**0.60**
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	512000	ANT0	50	0	2	DSI2	-	21.50	20.72	-0.17	0.448	-	1.197	0.54
	NR N25/N2	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT0	1	1	1	Full	-	24.50	24.16	0.05	0.248	-	1.081	0.27
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	1	1	1	DSI2	-	22.50	21.96	0.04	0.309	-	1.132	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT0	50	28	1	Full	-	24.50	24.12	0.11	0.267	-	1.091	0.29
P46	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	50	28	1	DSI2	-	22.50	21.82	0.02	0.310	-	1.169	**0.36**
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.5	372000	ANT0	1	1	1	Full	-	24.50	24.16	-0.10	0.163	-	1.081	0.18
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.5	372000	ANT0	50	28	1	Full	-	24.50	24.12	0.07	0.173	-	1.091	0.19
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	376500	ANT0	50	28	1	DSI2	-	22.50	21.80	-0.16	0.300	-	1.175	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	381000	ANT0	50	28	1	DSI2	-	22.50	21.58	0.10	0.281	-	1.236	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	50	28	2	DSI2	-	22.50	21.82	0.08	0.294	-	1.169	0.34
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	0.13	0.130	-	1.089	0.14
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	0.14	0.094	-	1.089	0.10
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	0.19	0.127	-	1.114	0.14
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	0.07	0.132	-	1.114	0.15
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	376500	ANT2	50	28	1	Full	-	24.50	23.94	-0.11	0.212	-	1.138	0.24
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	381000	ANT2	50	28	1	Full	-	24.50	24.02	0.02	0.225	-	1.117	**0.25**
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	381000	ANT2	50	28	2	Full	-	24.50	24.02	-0.12	0.181	-	1.117	0.20
	NR N38	DFT-s-OFDM QPSK40M	Front Face	1.0	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.17	0.256	-	1.102	0.28
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	519000	ANT2	1	1	1	DSI2	-	21.50	20.86	0.18	0.518	-	1.159	0.60
	NR N38	DFT-s-OFDM QPSK40M	Front Face	1.0	519000	ANT2	50	28	1	Full	-	24.50	23.99	-0.15	0.249	-	1.125	0.28
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	519000	ANT2	50	28	1	DSI2	-	21.50	20.74	0.05	0.462	-	1.191	0.55
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	2.5	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.00	0.166	-	1.102	0.18
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	2.5	519000	ANT2	50	28	1	Full	-	24.50	23.99	-0.01	0.140	-	1.125	0.16
P47	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	518000	ANT2	1	1	1	DSI2	-	21.50	20.66	0.04	0.554	-	1.213	**0.67**
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	520000	ANT2	1	1	1	DSI2	-	21.50	20.70	-0.06	0.520	-	1.202	0.63
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	518000	ANT2	1	1	2	DSI2	-	21.50	20.66	0.15	0.365	-	1.213	0.44
	NR N41 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.05	0.281	-	1.189	0.33
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	1	DSI2	-	16.00	15.52	0.17	0.316	-	1.117	**0.35**
	NR N41 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	528000	ANT2	135	0	1	Full	-	23.70	22.94	-0.11	0.283	-	1.191	0.34
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	135	0	1	DSI2	-	16.00	15.49	0.03	0.301	-	1.125	0.34
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.12	0.218	-	1.189	0.26
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	528000	ANT2	135	0	1	Full	-	23.70	22.94	-0.05	0.213	-	1.191	0.25
	NR N41 PC2	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	1	DSI2	-	16.00	15.72	-0.11	0.196	-	1.067	0.21
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	2	DSI2	-	16.00	15.52	0.19	0.146	-	1.117	0.16
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	-0.01	0.361	-	1.143	0.41
P48	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.13	0.561	-	1.143	**0.64**
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.16	0.333	-	1.189	0.40
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.03	0.506	-	1.189	0.60
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	509202	ANT1+2	1	1	1	Full	-	23.70	23.06	0.16	0.528	-	1.159	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	518598	ANT1+2	1	1	1	Full	-	23.70	22.98	0.00	0.519	-	1.180	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	509202	ANT1+2	137	0	1	Full	-	23.70	22.93	-0.19	0.511	-	1.194	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	518598	ANT1+2	137	0	1	Full	-	23.70	22.88	-0.05	0.521	-	1.208	0.63
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	273	0	1	Full	-	23.70	22.89	0.12	0.509	-	1.205	0.61
	NR N41 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	1	1	1	Full	-	25.20	24.53	-0.05	0.387	-	1.167	0.45
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	1	1	2	Full	-	23.70	23.12	0.18	0.411	-	1.143	0.47
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.0	646332	ANT5	1	22	1	DSI2	-	17.00	16.47	0.16	0.074	-	1.130	0.08
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	1.0	646332	ANT5	1	22	1	DSI2	-	17.00	16.47	0.07	0.151	-	1.130	0.17
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.0	646332	ANT5	12	6	1	DSI2	-	17.00	16.20	-0.04	0.084	-	1.202	0.10
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	1.0	646332	ANT5	12	6	1	DSI2	-	17.00	16.20	0.12	0.170	-	1.202	0.20
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.3	646332	ANT5	1	22	1	Full	-	24.50	24.16	-0.04	0.265	-	1.081	0.29
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	1	22	1	Full	-	24.50	24.16	-0.19	0.253	-	1.081	0.27
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.3	646332	ANT5	12	6	1	Full	-	24.50	23.95	-0.17	0.254	-	1.135	0.29
P49	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	12	6	1	Full	-	24.50	23.95	0.01	0.312	-	1.135	**0.35**
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	637000	ANT5	12	6	1	Full	-	24.50	23.79	-0.14	0.180	-	1.178	0.21
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	641666	ANT5	12	6	1	Full	-	24.50	23.71	-0.04	0.203	-	1.199	0.24
	NR N48 PC2	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	12	6	1	Full	-	26.00	25.45	0.19	0.197	-	1.135	0.22
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	12	6	2	Full	-	24.50	23.95	-0.07	0.286	-	1.135	0.32
	NR N66	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.07	0.202	-	1.050	0.21
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.04	0.401	-	1.050	0.42
	NR N66	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	0.12	0.208	-	1.059	0.22
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.14	0.384	-	1.059	0.41
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.02	0.331	-	1.050	0.35
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.17	0.417	-	1.050	**0.44**
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	1	1	2	Full	-	24.50	24.29	-0.05	0.352	-	1.050	0.37
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.13	0.239	-	1.081	0.26
P50	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.06	0.415	-	1.081	**0.45**
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	-0.10	0.226	-	1.094	0.25
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	-0.18	0.333	-	1.094	0.36
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	344000	ANT2	1	1	1	Full	-	24.50	23.95	-0.02	0.297	-	1.135	0.34
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	354000	ANT2	1	1	1	Full	-	24.50	24.00	0.12	0.280	-	1.122	0.31
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	1	1	2	Full	-	24.50	24.16	0.12	0.265	-	1.081	0.29

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	NR N71	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.09	0.078	-	1.104	0.09
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.13	0.134	-	1.104	0.15
	NR N71	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.15	0.080	-	1.112	0.09
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.00	0.141	-	1.112	0.16
P51	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT0	50	28	1	Full	-	24.50	24.01	0.02	0.153	-	1.119	**0.17**
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	137600	ANT0	50	28	1	Full	-	24.50	23.96	0.05	0.130	-	1.132	0.15
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT0	50	28	2	Full	-	24.50	24.01	-0.19	0.134	-	1.119	0.15
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.13	0.051	-	1.117	0.06
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.12	0.101	-	1.117	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.01	0.051	-	1.127	0.06
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.19	0.105	-	1.127	**0.12**
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT2	50	28	1	Full	-	24.50	23.94	-0.07	0.101	-	1.138	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	137600	ANT2	50	28	1	Full	-	24.50	23.83	0.19	0.097	-	1.167	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	50	28	2	Full	-	24.50	23.98	0.09	0.088	-	1.127	0.10
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	1	1	1	DSI2	-	15.00	14.05	-0.02	0.057	-	1.245	0.07
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	1	DSI2	-	15.00	14.05	-0.14	0.062	-	1.245	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	135	138	1	DSI2	-	15.00	13.67	-0.14	0.073	-	1.358	0.10
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	135	138	1	DSI2	-	15.00	13.67	-0.13	0.082	-	1.358	0.11
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	1	1	1	Full	-	23.70	22.93	0.11	0.139	-	1.194	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	1	Full	-	23.70	22.93	-0.08	0.153	-	1.194	**0.18**
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	135	138	1	Full	-	23.70	22.54	-0.06	0.120	-	1.306	0.16
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	135	138	1	Full	-	23.70	22.54	0.13	0.118	-	1.306	0.15
	NR N77 PC2	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	1	Full	-	26.00	25.52	0.02	0.111	-	1.194	0.13
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	2	Full	-	23.70	22.93	0.18	0.087	-	1.194	0.10
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.43	0.14	0.043	-	1.140	0.05
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.43	-0.05	0.472	-	1.140	0.54
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.37	0.03	0.053	-	1.156	0.06
P52	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.37	-0.03	0.517	-	1.156	**0.60**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.02	0.024	-	1.245	0.03
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.13	0.474	-	1.245	0.59
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.16	0.056	-	1.253	0.07
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	-0.06	0.469	-	1.253	0.59
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.23	-0.16	0.411	-	1.194	0.49
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	2	DSI2	-	18.00	17.37	-0.12	0.331	-	1.156	0.38
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	650000	ANT5	1	137	1	DSI2	-	15.00	14.07	-0.12	0.063	-	1.239	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	650000	ANT5	1	137	1	DSI2	-	15.00	14.07	-0.18	0.135	-	1.239	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	650000	ANT5	135	138	1	DSI2	-	15.00	13.81	-0.06	0.067	-	1.315	0.09
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	650000	ANT5	135	138	1	DSI2	-	15.00	13.81	0.10	0.132	-	1.315	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	650000	ANT5	1	137	1	Full	-	23.70	22.88	0.01	0.205	-	1.208	0.25
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	1	137	1	Full	-	23.70	22.88	0.17	0.238	-	1.208	0.29
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	650000	ANT5	135	138	1	Full	-	23.70	22.66	0.06	0.227	-	1.271	0.29
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	135	138	1	Full	-	23.70	22.66	0.19	0.289	-	1.271	**0.37**
	NR N77 PC2	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	135	138	1	Full	-	26.00	25.16	0.13	0.211	-	1.213	0.26
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	135	138	2	Full	-	23.70	22.66	-0.08	0.274	-	1.271	0.35
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.64	0.14	0.076	-	1.086	0.08
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.64	-0.18	0.510	-	1.086	**0.55**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	650000	ANT5+3	137	0	1	DSI2	-	18.00	17.36	-0.05	0.072	-	1.159	0.08
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	137	0	1	DSI2	-	18.00	17.36	-0.18	0.451	-	1.159	0.52
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.13	0.054	-	1.233	0.07
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.01	0.370	-	1.233	0.46
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	0.03	0.050	-	1.297	0.06
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	0.05	0.330	-	1.297	0.43
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.57	0.11	0.326	-	1.104	0.36
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	2	DSI2	-	18.00	17.64	-0.18	0.340	-	1.086	0.37
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.67	-0.18	0.077	-	1.211	0.09
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.67	-0.17	0.441	-	1.211	**0.53**
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	135	0	1	DSI2	-	20.50	19.54	0.08	0.076	-	1.247	0.09
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	135	0	1	DSI2	-	20.50	19.54	0.01	0.413	-	1.247	0.52
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	1	1	1	Full	-	23.70	22.71	0.08	0.172	-	1.256	0.22
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	1	Full	-	23.70	22.71	0.10	0.115	-	1.256	0.14
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	135	0	1	Full	-	23.70	22.61	0.20	0.140	-	1.285	0.18
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	135	0	1	Full	-	23.70	22.61	-0.03	0.105	-	1.285	0.13
	NR N78 PC2	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.64	-0.01	0.274	-	1.219	0.33
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	2	DSI2	-	20.50	19.67	0.11	0.322	-	1.211	0.39
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.44	-0.07	0.047	-	1.138	0.05
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.44	0.19	0.494	-	1.138	0.56
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.25	0.19	0.047	-	1.189	0.06
P53	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.25	-0.05	0.560	-	1.189	**0.67**
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.07	0.043	-	1.219	0.05
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.13	0.384	-	1.219	0.47
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.13	0.111	-	1.239	0.14
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.18	0.372	-	1.239	0.46
	NR N78 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.29	0.11	0.455	-	1.178	0.54
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	2	DSI2	-	18.00	17.25	0.08	0.375	-	1.189	0.45

< Body Worn Exposure Condition >

<WLAN/BT>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT5	1	Full	100	19.00	18.08	-0.10	0.056	1.000	1.236	0.07
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5	1	Full	100	19.00	18.08	-0.14	0.158	1.000	1.236	**0.20**
	WLAN2.4G	802.11b	Rear Face	1.0	1	ANT5	1	Full	100	18.00	17.23	0.18	0.087	1.000	1.194	0.10
	WLAN2.4G	802.11b	Rear Face	1.0	6	ANT5	1	Full	100	18.00	17.43	-0.17	0.113	1.000	1.140	0.13
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5	2	Full	100	19.00	18.08	0.11	0.053	1.000	1.236	0.07
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT6	1	DSI2	100	14.00	13.12	-0.09	0.050	1.000	1.225	0.06
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT6	1	DSI2	100	14.00	13.12	-0.02	0.283	1.000	1.225	**0.35**
	WLAN2.4G	802.11b	Rear Face	1.0	1	ANT6	1	DSI2	100	13.00	11.92	-0.16	0.241	1.000	1.282	0.31
	WLAN2.4G	802.11b	Rear Face	1.0	6	ANT6	1	DSI2	100	14.00	12.95	0.10	0.237	1.000	1.274	0.30
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT6	2	DSI2	100	14.00	13.12	0.12	0.165	1.000	1.225	0.20
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT5+6	1	DSI2	100	18.00	17.40	-0.06	0.054	1.000	1.148	0.06
P54	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5+6	1	DSI2	100	18.00	17.40	-0.01	0.383	1.000	1.148	**0.44**
	WLAN2.4G	802.11b	Front Face	1.3	11	ANT5+6	1	Full	100	21.00	20.45	-0.12	0.077	1.000	1.135	0.09
	WLAN2.4G	802.11b	Rear Face	2.5	11	ANT5+6	1	Full	100	21.00	20.45	0.14	0.198	1.000	1.135	0.22
	WLAN2.4G	802.11b	Rear Face	1.0	1	ANT5+6	1	DSI2	100	18.00	16.59	0.07	0.203	1.000	1.384	0.28
	WLAN2.4G	802.11b	Rear Face	1.0	6	ANT5+6	1	DSI2	100	18.00	17.01	0.02	0.181	1.000	1.256	0.23
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5+6	2	DSI2	100	18.00	17.40	0.02	0.210	1.000	1.148	0.24
	WLAN5G	802.11a	Front Face	1.0	52	ANT5	1	Full	99.34	17.00	15.50	-0.12	0.116	1.007	1.413	0.16
	WLAN5G	802.11a	Rear Face	1.0	52	ANT5	1	Full	99.34	17.00	15.50	-0.10	0.076	1.007	1.413	0.11
	WLAN5G	802.11a	Front Face	1.0	56	ANT5	1	Full	99.34	16.00	15.22	0.13	0.138	1.007	1.197	0.17
	WLAN5G	802.11a	Front Face	1.0	60	ANT5	1	Full	99.34	16.00	15.21	0.13	0.141	1.007	1.199	0.17
	WLAN5G	802.11a	Front Face	1.0	64	ANT5	1	Full	99.34	16.00	15.03	0.15	0.145	1.007	1.250	**0.18**
	WLAN5G	802.11a	Front Face	1.0	64	ANT5	2	Full	99.34	16.00	15.03	0.18	0.109	1.007	1.250	0.14
	WLAN5G	802.11a	Front Face	1.0	64	ANT6	1	Full	99.34	16.00	15.00	-0.01	0.081	1.007	1.259	0.10
	WLAN5G	802.11a	Rear Face	1.0	64	ANT6	1	Full	99.34	16.00	15.00	-0.19	0.133	1.007	1.259	0.17
	WLAN5G	802.11a	Rear Face	1.0	52	ANT6	1	Full	99.34	15.00	14.50	0.18	0.182	1.007	1.123	**0.21**
	WLAN5G	802.11a	Rear Face	1.0	56	ANT6	1	Full	99.34	16.00	14.51	0.10	0.142	1.007	1.409	0.20
	WLAN5G	802.11a	Rear Face	1.0	60	ANT6	1	Full	99.34	16.00	14.67	-0.07	0.145	1.007	1.358	0.20
	WLAN5G	802.11a	Rear Face	1.0	52	ANT6	2	Full	99.34	15.00	14.50	-0.01	0.141	1.007	1.123	0.16
	WLAN5G	802.11a	Front Face	1.0	52	ANT5+6	1	Full	99.34	19.00	18.30	-0.05	0.155	1.007	1.175	0.18
P55	WLAN5G	802.11a	Rear Face	1.0	52	ANT5+6	1	Full	99.34	19.00	18.30	-0.03	0.207	1.007	1.175	**0.24**
	WLAN5G	802.11a	Rear Face	1.0	56	ANT5+6	1	Full	99.34	19.00	18.24	0.05	0.158	1.007	1.191	0.19
	WLAN5G	802.11a	Rear Face	1.0	60	ANT5+6	1	Full	99.34	19.00	18.19	-0.11	0.157	1.007	1.205	0.19
	WLAN5G	802.11a	Rear Face	1.0	64	ANT5+6	1	Full	99.34	19.00	18.22	-0.17	0.162	1.007	1.197	0.20
	WLAN5G	802.11a	Rear Face	1.0	52	ANT5+6	2	Full	99.34	19.00	18.30	0.12	0.155	1.007	1.175	0.18
	WLAN5G	802.11a	Front Face	1.0	140	ANT5	1	Full	99.34	16.00	15.15	0.10	0.146	1.007	1.216	0.18
	WLAN5G	802.11a	Rear Face	1.0	140	ANT5	1	Full	99.34	16.00	15.15	-0.16	0.128	1.007	1.216	0.16
	WLAN5G	802.11a	Front Face	1.0	100	ANT5	1	Full	99.34	16.00	14.91	-0.18	0.165	1.007	1.285	0.21
P56	WLAN5G	802.11a	Front Face	1.0	116	ANT5	1	Full	99.34	16.00	14.94	0.09	0.182	1.007	1.277	**0.23**
	WLAN5G	802.11a	Front Face	1.0	124	ANT5	1	Full	99.34	16.00	15.02	-0.12	0.150	1.007	1.253	0.19
	WLAN5G	802.11a	Front Face	1.0	116	ANT5	2	Full	99.34	16.00	14.94	-0.07	0.108	1.007	1.277	0.14
	WLAN5G	802.11a	Front Face	1.0	140	ANT6	1	Full	99.34	17.00	15.56	0.14	0.066	1.007	1.393	0.09
	WLAN5G	802.11a	Rear Face	1.0	140	ANT6	1	Full	99.34	17.00	15.56	-0.08	0.106	1.007	1.393	0.15
	WLAN5G	802.11a	Rear Face	1.0	100	ANT6	1	Full	99.34	16.00	15.26	-0.05	0.097	1.007	1.185	0.12
	WLAN5G	802.11a	Rear Face	1.0	116	ANT6	1	Full	99.34	16.00	14.79	-0.01	0.101	1.007	1.322	0.13
	WLAN5G	802.11a	Rear Face	1.0	124	ANT6	1	Full	99.34	16.00	15.13	0.17	0.128	1.007	1.222	**0.16**
	WLAN5G	802.11a	Rear Face	1.0	124	ANT6	2	Full	99.34	16.00	15.13	0.19	0.114	1.007	1.222	0.14
	WLAN5G	802.11a	Front Face	1.0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.14	0.110	1.007	1.400	0.15
	WLAN5G	802.11a	Rear Face	1.0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.17	0.124	1.007	1.400	**0.17**
	WLAN5G	802.11a	Rear Face	1.0	100	ANT5+6	1	Full	99.34	19.00	18.33	0.08	0.106	1.007	1.167	0.12
	WLAN5G	802.11a	Rear Face	1.0	116	ANT5+6	1	Full	99.34	19.00	18.05	0.16	0.098	1.007	1.245	0.12
	WLAN5G	802.11a	Rear Face	1.0	124	ANT5+6	1	Full	99.34	19.00	18.21	0.09	0.121	1.007	1.199	0.15
	WLAN5G	802.11a	Rear Face	1.0	140	ANT5+6	2	Full	99.34	20.00	18.54	-0.01	0.109	1.007	1.400	0.15
	WLAN5G	802.11a	Front Face	1.0	157	ANT5	1	Full	99.48	16.00	15.08	0.11	0.091	1.005	1.236	0.11
	WLAN5G	802.11a	Rear Face	1.0	157	ANT5	1	Full	99.48	16.00	15.08	0.16	0.058	1.005	1.236	0.07
	WLAN5G	802.11a	Front Face	1.0	149	ANT5	1	Full	99.48	15.00	14.41	0.15	0.104	1.005	1.147	0.12
	WLAN5G	802.11a	Front Face	1.0	165	ANT5	1	Full	99.48	16.00	14.53	-0.04	0.092	1.005	1.403	**0.13**
	WLAN5G	802.11a	Front Face	1.0	165	ANT5	2	Full	99.48	16.00	14.53	0.10	0.087	1.005	1.403	0.12
	WLAN5G	802.11a	Front Face	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.02	0.089	1.005	1.279	0.11
	WLAN5G	802.11a	Rear Face	1.0	157	ANT6	1	Full	99.48	16.00	14.93	0.19	0.092	1.005	1.279	**0.12**
	WLAN5G	802.11a	Rear Face	1.0	149	ANT6	1	Full	99.48	15.00	14.16	0.19	0.085	1.005	1.213	0.10
	WLAN5G	802.11a	Rear Face	1.0	165	ANT6	1	Full	99.48	16.00	14.75	-0.19	0.087	1.005	1.334	0.12
	WLAN5G	802.11a	Rear Face	1.0	157	ANT6	2	Full	99.48	16.00	14.93	0.16	0.078	1.005	1.279	0.10
	WLAN5G	802.11a	Front Face	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	0.03	0.103	1.005	1.222	0.13
	WLAN5G	802.11a	Rear Face	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	-0.12	0.096	1.005	1.222	0.12
	WLAN5G	802.11a	Front Face	1.0	149	ANT5+6	1	Full	99.48	18.00	17.45	-0.05	0.120	1.005	1.134	0.14
P57	WLAN5G	802.11a	Front Face	1.0	165	ANT5+6	1	Full	99.48	19.00	17.77	0.01	0.126	1.005	1.328	**0.17**
	WLAN5G	802.11a	Front Face	1.0	165	ANT5+6	2	Full	99.48	19.00	17.77	0.07	0.114	1.005	1.328	0.15
P58	BT	GFSK	Front Face	1.0	78	ANT5	1	Full	45.97	11.00	10.47	0.05	0.039	2.175	1.130	**0.10**
	BT	GFSK	Rear Face	1.0	78	ANT5	1	Full	45.97	11.00	10.47	-0.04	0.000	2.175	1.130	0.00
	BT	GFSK	Front Face	1.0	0	ANT5	1	Full	45.97	11.00	10.41	0.10	0.000	2.175	1.145	0.00
	BT	GFSK	Front Face	1.0	39	ANT5	1	Full	45.97	11.00	10.13	0.07	0.032	2.175	1.222	0.09
	BT	GFSK	Front Face	1.0	78	ANT5	2	Full	45.97	11.00	10.47	0.06	0.021	2.175	1.130	0.05

< Hotspot Exposure Condition >
<GSM/WCDMA>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	Sample	Power Reduction	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Tune-up Scaling Factor	Scaled 1g SAR
	GSM850	GPRS 2Tx Slot	Front Face	1.0	128	ANT0	1	Full	30.70	30.29	-0.19	0.083	1.099	0.09
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	128	ANT0	1	Full	30.70	30.29	0.18	0.242	1.099	0.27
	GSM850	GPRS 2Tx Slot	Left Side	1.0	128	ANT0	1	Full	30.70	30.29	-0.07	0.061	1.099	0.07
	GSM850	GPRS 2Tx Slot	Right Side	1.0	128	ANT0	1	Full	30.70	30.29	0.08	0.135	1.099	0.15
	GSM850	GPRS 2Tx Slot	Bottom Side	1.0	128	ANT0	1	Full	30.70	30.29	-0.01	0.245	1.099	0.27
P59	GSM850	GPRS 2Tx Slot	Rear Face	1.0	189	ANT0	1	Full	30.70	30.27	-0.13	0.269	1.104	**0.30**
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	251	ANT0	1	Full	30.70	30.18	-0.14	0.258	1.127	0.29
	GSM850	GPRS 2Tx Slot	Rear Face	1.0	189	ANT0	2	Full	30.70	30.27	-0.13	0.246	1.104	0.27
	GSM1900	GPRS 4Tx Slot	Front Face	1.0	661	ANT0	1	Full	24.70	24.34	-0.17	0.209	1.086	0.23
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	661	ANT0	1	Full	24.70	24.34	-0.05	0.251	1.086	0.27
	GSM1900	GPRS 4Tx Slot	Left Side	1.0	661	ANT0	1	Full	24.70	24.34	0.19	0.239	1.086	0.26
	GSM1900	GPRS 4Tx Slot	Right Side	1.0	661	ANT0	1	Full	24.70	24.34	0.13	0.053	1.086	0.06
	GSM1900	GPRS 4Tx Slot	Bottom Side	1.0	661	ANT0	1	Full	24.70	24.34	0.03	0.193	1.086	0.21
P60	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	512	ANT0	1	Full	24.70	24.27	0.07	0.275	1.104	**0.30**
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	810	ANT0	1	Full	24.70	24.32	-0.06	0.250	1.091	0.27
	GSM1900	GPRS 4Tx Slot	Rear Face	1.0	512	ANT0	2	Full	24.70	24.27	0.19	0.258	1.104	0.28
	WCDMA II	RMC12.2K	Front Face	1.0	9400	ANT0	1	Full	23.7	23.04	0.06	0.000	1.164	0.00
	WCDMA II	RMC12.2K	Rear Face	1.0	9400	ANT0	1	Full	23.7	23.04	0.09	0.410	1.164	0.48
	WCDMA II	RMC12.2K	Left Side	1.0	9400	ANT0	1	Full	23.7	23.04	0.06	0.343	1.164	0.40
	WCDMA II	RMC12.2K	Right Side	1.0	9400	ANT0	1	Full	23.7	23.04	0.18	0.067	1.164	0.08
	WCDMA II	RMC12.2K	Bottom Side	1.0	9400	ANT0	1	Full	23.7	23.04	0.00	0.279	1.164	0.32
	WCDMA II	RMC12.2K	Rear Face	1.0	9262	ANT0	1	Full	23.7	22.98	-0.19	0.298	1.180	0.35
P61	WCDMA II	RMC12.2K	Rear Face	1.0	9538	ANT0	1	Full	23.7	22.95	-0.05	0.496	1.189	**0.59**
	WCDMA II	RMC12.2K	Rear Face	1.0	9538	ANT0	2	Full	23.7	22.95	0.07	0.412	1.189	0.49
	WCDMA IV	RMC12.2K	Front Face	1.0	1312	ANT0	1	Full	23.7	23.05	0.08	0.000	1.161	0.00
	WCDMA IV	RMC12.2K	Rear Face	1.0	1312	ANT0	1	Full	23.7	23.05	-0.01	0.394	1.161	0.46
	WCDMA IV	RMC12.2K	Left Side	1.0	1312	ANT0	1	Full	23.7	23.05	0.12	0.129	1.161	0.15
	WCDMA IV	RMC12.2K	Right Side	1.0	1312	ANT0	1	Full	23.7	23.05	-0.01	0.119	1.161	0.14
	WCDMA IV	RMC12.2K	Bottom Side	1.0	1312	ANT0	1	Full	23.7	23.05	0.04	0.198	1.161	0.23
	WCDMA IV	RMC12.2K	Rear Face	1.0	1413	ANT0	1	Full	23.7	23.02	-0.04	0.387	1.169	0.45
P62	WCDMA IV	RMC12.2K	Rear Face	1.0	1513	ANT0	1	Full	23.7	23.03	-0.05	0.452	1.167	**0.53**
	WCDMA IV	RMC12.2K	Rear Face	1.0	1513	ANT0	2	Full	23.7	23.03	-0.09	0.340	1.167	0.40
	WCDMA V	RMC12.2K	Front Face	1.0	4233	ANT0	1	Full	23.7	23.21	0.13	0.000	1.119	0.00
P63	WCDMA V	RMC12.2K	Rear Face	1.0	4233	ANT0	1	Full	23.7	23.21	0.06	0.354	1.119	**0.40**
	WCDMA V	RMC12.2K	Left Side	1.0	4233	ANT0	1	Full	23.7	23.21	0.02	0.044	1.119	0.05
	WCDMA V	RMC12.2K	Right Side	1.0	4233	ANT0	1	Full	23.7	23.21	-0.07	0.070	1.119	0.08
	WCDMA V	RMC12.2K	Bottom Side	1.0	4233	ANT0	1	Full	23.7	23.21	0.04	0.216	1.119	0.24
	WCDMA V	RMC12.2K	Rear Face	1.0	4132	ANT0	1	Full	23.7	23.12	0.17	0.311	1.143	0.36
	WCDMA V	RMC12.2K	Rear Face	1.0	4182	ANT0	1	Full	23.7	23.13	0.12	0.324	1.140	0.37
	WCDMA V	RMC12.2K	Rear Face	1.0	4233	ANT0	2	Full	23.7	23.21	-0.14	0.298	1.119	0.33

< Hotspot Exposure Condition >

<LTE>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	LTE 2	QPSK20M	Front Face	1.0	18700	ANT0	1	99	1	Full	-	23.7	22.47	-0.18	0.228	-	1.327	0.30
	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	1	99	1	DSI2	-	21.0	20.27	0.09	0.201	-	1.183	0.24
	LTE 2	QPSK20M	Left Side	1.0	18700	ANT0	1	99	1	Full	-	23.7	22.47	0.07	0.224	-	1.327	0.30
	LTE 2	QPSK20M	Right Side	1.0	18700	ANT0	1	99	1	Full	-	23.7	22.47	0.10	0.060	-	1.327	0.08
	LTE 2	QPSK20M	Bottom Side	1.0	18700	ANT0	1	99	1	DSI2	-	21.0	20.27	-0.11	0.155	-	1.183	0.18
	LTE 2	QPSK20M	Front Face	1.0	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.20	0.217	-	1.291	0.28
	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	50	50	1	DSI2	-	20.0	19.43	-0.14	0.277	-	1.140	**0.32**
	LTE 2	QPSK20M	Left Side	1.0	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.01	0.239	-	1.291	0.31
	LTE 2	QPSK20M	Right Side	1.0	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.00	0.050	-	1.291	0.06
	LTE 2	QPSK20M	Bottom Side	1.0	18700	ANT0	50	50	1	DSI2	-	20.0	19.43	-0.04	0.160	-	1.140	0.18
	LTE 2	QPSK20M	Rear Face	1.5	18700	ANT0	1	99	1	Full	-	23.7	22.47	0.00	0.113	-	1.327	0.15
	LTE 2	QPSK20M	Bottom Side	1.4	18700	ANT0	1	99	1	Full	-	23.7	22.47	-0.12	0.079	-	1.327	0.10
	LTE 2	QPSK20M	Rear Face	1.5	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.04	0.107	-	1.291	0.14
	LTE 2	QPSK20M	Bottom Side	1.4	18700	ANT0	50	50	1	Full	-	22.7	21.59	0.05	0.077	-	1.291	0.10
	LTE 2	QPSK20M	Rear Face	1.0	18900	ANT0	50	50	1	DSI2	-	20.0	19.40	-0.06	0.212	-	1.148	0.24
	LTE 2	QPSK20M	Rear Face	1.0	19100	ANT0	50	50	1	DSI2	-	20.0	19.36	-0.18	0.159	-	1.159	0.18
	LTE 2	QPSK20M	Rear Face	1.0	18700	ANT0	50	50	2	DSI2	-	20.0	19.43	0.18	0.208	-	1.140	0.24
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.01	0.118	-	1.213	0.14
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	-0.17	0.192	-	1.213	0.23
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.00	0.307	-	1.213	0.37
	LTE 2(ENDC Only)	QPSK20M	Bottom Side	1.0	18700	ANT1	1	99	1	Full	-	19.0	18.16	0.13	0.050	-	1.213	0.06
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.19	0.113	-	1.183	0.13
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.18	0.184	-	1.183	0.22
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	0.20	0.332	-	1.183	0.39
	LTE 2(ENDC Only)	QPSK20M	Bottom Side	1.0	18700	ANT1	50	50	1	Full	-	18.0	17.27	-0.11	0.042	-	1.183	0.05
P64	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18900	ANT1	50	50	1	Full	-	18.0	17.13	0.09	0.372	-	1.222	**0.45**
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	19100	ANT1	50	50	1	Full	-	18.0	17.09	-0.12	0.339	-	1.233	0.42
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18900	ANT1	50	50	2	Full	-	18.0	17.13	0.10	0.332	-	1.222	0.41
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	-0.10	0.203	-	1.291	0.26
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	-0.04	0.201	-	1.291	0.26
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	0.14	0.220	-	1.291	0.28
	LTE 2(ENDC Only)	QPSK20M	Top Side	1.0	18700	ANT2	1	99	1	Full	-	23.7	22.59	-0.07	0.134	-	1.291	0.17
	LTE 2(ENDC Only)	QPSK20M	Front Face	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	-0.04	0.161	-	1.250	0.20
	LTE 2(ENDC Only)	QPSK20M	Rear Face	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	-0.17	0.170	-	1.250	0.21
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	0.16	0.212	-	1.250	0.27
	LTE 2(ENDC Only)	QPSK20M	Top Side	1.0	18700	ANT2	50	50	1	Full	-	22.7	21.73	0.08	0.114	-	1.250	0.14
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	18900	ANT2	1	99	1	Full	-	23.7	22.51	-0.09	0.189	-	1.315	0.25
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	19100	ANT2	1	99	1	Full	-	23.7	22.54	0.01	0.252	-	1.306	**0.33**
	LTE 2(ENDC Only)	QPSK20M	Right Side	1.0	19100	ANT2	1	99	2	Full	-	23.7	22.54	-0.12	0.224	-	1.306	0.29
	LTE 5	QPSK10M	Front Face	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.01	0.074	-	1.285	0.10
P65	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	0.13	0.331	-	1.285	**0.43**
	LTE 5	QPSK10M	Left Side	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	-0.07	0.000	-	1.285	0.00
	LTE 5	QPSK10M	Right Side	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	-0.19	0.073	-	1.285	0.09
	LTE 5	QPSK10M	Bottom Side	1.0	20600	ANT0	1	0	1	Full	-	23.7	22.61	-0.19	0.177	-	1.285	0.23
	LTE 5	QPSK10M	Front Face	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.08	0.062	-	1.265	0.08
	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	-0.20	0.242	-	1.265	0.31
	LTE 5	QPSK10M	Left Side	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.11	0.000	-	1.265	0.00
	LTE 5	QPSK10M	Right Side	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	0.03	0.054	-	1.265	0.07
	LTE 5	QPSK10M	Bottom Side	1.0	20600	ANT0	25	0	1	Full	-	22.7	21.68	-0.18	0.142	-	1.265	0.18
	LTE 5	QPSK10M	Rear Face	1.0	20450	ANT0	1	0	1	Full	-	23.7	22.38	-0.10	0.271	-	1.355	0.37
	LTE 5	QPSK10M	Rear Face	1.0	20525	ANT0	1	0	1	Full	-	23.7	22.60	0.09	0.281	-	1.288	0.36
	LTE 5	QPSK10M	Rear Face	1.0	20600	ANT0	1	0	2	Full	-	23.7	22.61	-0.11	0.250	-	1.285	0.32
	LTE 5(ENDC Only)	QPSK10M	Front Face	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.03	0.089	-	1.315	0.12
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.15	0.314	-	1.315	**0.41**
	LTE 5(ENDC Only)	QPSK10M	Right Side	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	0.18	0.132	-	1.315	0.17
	LTE 5(ENDC Only)	QPSK10M	Top Side	1.0	20600	ANT2	1	0	1	Full	-	23.7	22.51	-0.14	0.123	-	1.315	0.16
	LTE 5(ENDC Only)	QPSK10M	Front Face	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.14	0.076	-	1.291	0.10
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.02	0.288	-	1.291	0.37
	LTE 5(ENDC Only)	QPSK10M	Right Side	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.11	0.109	-	1.291	0.14
	LTE 5(ENDC Only)	QPSK10M	Top Side	1.0	20600	ANT2	25	0	1	Full	-	22.7	21.59	-0.17	0.099	-	1.291	0.13
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20450	ANT2	1	0	1	Full	-	22.7	22.49	-0.12	0.236	-	1.050	0.25
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20525	ANT2	1	0	1	Full	-	22.7	22.47	-0.09	0.257	-	1.054	0.27
	LTE 5(ENDC Only)	QPSK10M	Rear Face	1.0	20600	ANT2	1	0	2	Full	-	23.7	22.51	-0.07	0.292	-	1.315	0.38
	LTE 7	QPSK20M	Front Face	1.0	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.02	0.156	-	1.330	0.21
P66	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	1	0	1	DSI2	-	21.0	20.50	-0.08	0.443	-	1.122	**0.50**
	LTE 7	QPSK20M	Left Side	1.0	20850	ANT0	1	0	1	Full	-	23.7	22.46	-0.18	0.240	-	1.330	0.32
	LTE 7	QPSK20M	Right Side	1.0	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.01	0.107	-	1.330	0.14
	LTE 7	QPSK20M	Bottom Side	1.0	20850	ANT0	1	0	1	DSI2	-	21.0	20.50	0.15	0.431	-	1.122	0.48
	LTE 7	QPSK20M	Front Face	1.0	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.12	0.126	-	1.262	0.16
	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	50	0	1	DSI2	-	20.0	19.78	-0.17	0.392	-	1.052	0.41
	LTE 7	QPSK20M	Left Side	1.0	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.16	0.195	-	1.262	0.25
	LTE 7	QPSK20M	Right Side	1.0	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.08	0.078	-	1.262	0.10
	LTE 7	QPSK20M	Bottom Side	1.0	20850	ANT0	50	0	1	DSI2	-	20.0	19.78	0.18	0.460	-	1.052	0.48
	LTE 7	QPSK20M	Rear Face	1.5	20850	ANT0	1	0	1	Full	-	23.7	22.46	0.06	0.229	-	1.330	0.30
	LTE 7	QPSK20M	Bottom Side	1.4	20850	ANT0	1	0	1	Full	-	23.7	22.46	-0.19	0.236	-	1.330	0.31
	LTE 7	QPSK20M	Rear Face	1.5	20850	ANT0	50	0	1	Full	-	22.7	21.69	-0.14	0.237	-	1.262	0.30
	LTE 7	QPSK20M	Bottom Side	1.4	20850	ANT0	50	0	1	Full	-	22.7	21.69	0.16	0.251	-	1.262	0.32
	LTE 7	QPSK20M	Rear Face	1.0	21100	ANT0	1	0	1	DSI2	-	21.0	20.40	-0.10	0.415	-	1.148	0.48
	LTE 7	QPSK20M	Rear Face	1.0	21350	ANT0	1	0	1	DSI2	-	21.0	20.49	0.05	0.440	-	1.125	0.49
	LTE 7	QPSK20M	Rear Face	1.0	20850	ANT0	1	0	2	DSI2	-	21.0	20.50	0.09	0.411	-	1.122	0.46
	LTE 12/17	QPSK10M	Front Face	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.01	0.075	-	1.327	0.10
P67	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.09	0.126	-	1.327	**0.17**
	LTE 12/17	QPSK10M	Left Side	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	0.05	0.073	-	1.327	0.10
	LTE 12/17	QPSK10M	Right Side	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.10	0.113	-	1.327	0.15
	LTE 12/17	QPSK10M	Bottom Side	1.0	23060	ANT0	1	49	1	Full	-	23.7	22.47	-0.19	0.089	-	1.327	0.12
	LTE 12/17	QPSK10M	Front Face	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	-0.10	0.058	-	1.306	0.08
	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.09	0.102	-	1.306	0.13
	LTE 12/17	QPSK10M	Left Side	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.18	0.056	-	1.306	0.07
	LTE 12/17	QPSK10M	Right Side	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.03	0.088	-	1.306	0.11
	LTE 12/17	QPSK10M	Bottom Side	1.0	23060	ANT0	25	0	1	Full	-	22.7	21.54	0.13	0.051	-	1.306	0.07
	LTE 12/17	QPSK10M	Rear Face	1.0	23095	ANT0	1	49	1	Full	-	23.7	22.45	0.11	0.118	-	1.334	0.16
	LTE 12/17	QPSK10M	Rear Face	1.0	23130	ANT0	1	49	1	Full	-	23.7	22.46	-0.16	0.115	-	1.330	0.15
	LTE 12/17	QPSK10M	Rear Face	1.0	23060	ANT0	1	49	2	Full	-	23.7	22.47	0.08	0.115	-	1.327	0.15
	LTE 12(ENDC Only)	QPSK10M	Front Face	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.16	0.054	-	1.276	0.07
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	-0.09	0.123	-	1.276	**0.16**
	LTE 12(ENDC Only)	QPSK10M	Right Side	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	0.11	0.000	-	1.276	0.00
	LTE 12(ENDC Only)	QPSK10M	Top Side	1.0	23060	ANT2	1	49	1	Full	-	23.7	22.64	0.17	0.046	-	1.276	0.06
	LTE 12(ENDC Only)	QPSK10M	Front Face	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.12	0.000	-	1.259	0.00
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	-0.16	0.078	-	1.259	0.10
	LTE 12(ENDC Only)	QPSK10M	Right Side	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.13	0.000	-	1.259	0.00
	LTE 12(ENDC Only)	QPSK10M	Top Side	1.0	23060	ANT2	25	0	1	Full	-	22.7	21.70	0.02	0.000	-	1.259	0.00
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23095	ANT2	1	49	1	Full	-	23.7	22.61	-0.10	0.096	-	1.285	0.12
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23130	ANT2	1	49	1	Full	-	23.7	22.58	0.06	0.085	-	1.294	0.11
	LTE 12(ENDC Only)	QPSK10M	Rear Face	1.0	23060	ANT2	1	49	2	Full	-	23.7	22.64	-0.09	0.100	-	1.276	0.13

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	LTE 13	QPSK10M	Front Face	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.07	0.070	-	1.361	0.10
P68	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	0.05	0.140	-	1.361	**0.19**
	LTE 13	QPSK10M	Left Side	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	0.08	0.056	-	1.361	0.08
	LTE 13	QPSK10M	Right Side	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	0.15	0.088	-	1.361	0.12
	LTE 13	QPSK10M	Bottom Side	1.0	23230	ANT0	1	0	1	Full	-	23.7	22.36	-0.03	0.107	-	1.361	0.15
	LTE 13	QPSK10M	Front Face	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.11	0.055	-	1.324	0.07
	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	0.06	0.133	-	1.324	0.18
	LTE 13	QPSK10M	Left Side	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.06	0.045	-	1.324	0.06
	LTE 13	QPSK10M	Right Side	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	0.06	0.075	-	1.324	0.10
	LTE 13	QPSK10M	Bottom Side	1.0	23230	ANT0	25	25	1	Full	-	22.7	21.48	-0.03	0.094	-	1.324	0.12
	LTE 13	QPSK10M	Rear Face	1.0	23230	ANT0	1	0	2	Full	-	23.7	22.36	0.18	0.120	-	1.361	0.16
	LTE 41/38	QPSK20M	Front Face	1.0	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	0.02	0.143	1.006	1.274	0.18
P69	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	1	0	1	DSI2	62.90	22.0	21.24	0.09	0.461	1.006	1.191	**0.55**
	LTE 41/38	QPSK20M	Left Side	1.0	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.13	0.116	1.006	1.274	0.15
	LTE 41/38	QPSK20M	Right Side	1.0	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	0.16	0.085	1.006	1.274	0.11
	LTE 41/38	QPSK20M	Bottom Side	1.0	40620	ANT0	1	0	1	DSI2	62.90	22.0	21.24	-0.10	0.445	1.006	1.191	0.53
	LTE 41/38	QPSK20M	Front Face	1.0	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.05	0.132	1.006	1.259	0.17
	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	50	0	1	DSI2	62.90	21.0	20.25	-0.03	0.420	1.006	1.189	0.50
	LTE 41/38	QPSK20M	Left Side	1.0	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.04	0.090	1.006	1.259	0.11
	LTE 41/38	QPSK20M	Right Side	1.0	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	-0.19	0.070	1.006	1.259	0.09
	LTE 41/38	QPSK20M	Bottom Side	1.0	40620	ANT0	50	0	1	DSI2	62.90	21.0	20.25	0.14	0.414	1.006	1.189	0.50
	LTE 41/38	QPSK20M	Rear Face	1.5	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	-0.16	0.236	1.006	1.274	0.30
	LTE 41/38	QPSK20M	Bottom Side	1.4	40620	ANT0	1	0	1	Full	62.90	23.7	22.65	0.18	0.247	1.006	1.274	0.32
	LTE 41/38	QPSK20M	Rear Face	1.5	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.12	0.253	1.006	1.259	0.32
	LTE 41/38	QPSK20M	Bottom Side	1.4	40620	ANT0	50	0	1	Full	62.90	22.7	21.70	0.11	0.287	1.006	1.259	0.36
	LTE 41/38	QPSK20M	Rear Face	1.0	40620	ANT0	1	0	2	DSI2	62.90	22.0	21.24	-0.08	0.402	1.006	1.191	0.48
	LTE 48	QPSK20M	Front Face	1.0	56640	ANT5	1	0	1	DSI2	62.90	20.0	19.36	0.13	0.172	1.006	1.159	0.20
	LTE 48	QPSK20M	Rear Face	1.0	56640	ANT5	1	0	1	DSI2	62.90	20.0	19.36	0.08	0.250	1.006	1.159	0.29
	LTE 48	QPSK20M	Left Side	1.0	56640	ANT5	1	0	1	DSI2	62.90	20.0	19.36	0.11	0.369	1.006	1.159	0.43
	LTE 48	QPSK20M	Front Face	1.0	56640	ANT5	50	25	1	DSI2	62.90	19.0	18.61	0.17	0.156	1.006	1.094	0.17
	LTE 48	QPSK20M	Rear Face	1.0	56640	ANT5	50	25	1	DSI2	62.90	19.0	18.61	0.09	0.274	1.006	1.094	0.30
P70	LTE 48	QPSK20M	Left Side	1.0	56640	ANT5	50	25	1	DSI2	62.90	19.0	18.61	0.04	0.397	1.006	1.094	**0.44**
	LTE 48	QPSK20M	Front Face	1.3	56640	ANT5	1	0	1	Full	62.90	23.0	22.09	0.10	0.078	1.006	1.233	0.10
	LTE 48	QPSK20M	Rear Face	2.5	56640	ANT5	1	0	1	Full	62.90	23.0	22.09	-0.08	0.093	1.006	1.233	0.12
	LTE 48	QPSK20M	Left Side	2.4	56640	ANT5	1	0	1	Full	62.90	23.0	22.09	0.08	0.132	1.006	1.233	0.16
	LTE 48	QPSK20M	Front Face	1.3	56640	ANT5	50	25	1	Full	62.90	22.0	21.29	0.03	0.076	1.006	1.178	0.09
	LTE 48	QPSK20M	Rear Face	2.5	56640	ANT5	50	25	1	Full	62.90	22.0	21.29	0.18	0.090	1.006	1.178	0.11
	LTE 48	QPSK20M	Left Side	2.4	56640	ANT5	50	25	1	Full	62.90	22.0	21.29	0.01	0.172	1.006	1.178	0.20
	LTE 48	QPSK20M	Left Side	1.0	55340	ANT5	50	25	1	DSI2	62.90	19.0	18.41	0.20	0.207	1.006	1.146	0.24
	LTE 48	QPSK20M	Left Side	1.0	55830	ANT5	50	25	1	DSI2	62.90	19.0	18.54	0.10	0.261	1.006	1.112	0.29
	LTE 48	QPSK20M	Left Side	1.0	56150	ANT5	50	25	1	DSI2	62.90	19.0	18.03	-0.04	0.322	1.006	1.250	0.41
	LTE 48	QPSK20M	Left Side	1.0	56640	ANT5	50	25	2	DSI2	62.90	19.0	18.61	0.10	0.121	1.006	1.094	0.13
	LTE 66/4	QPSK20M	Front Face	1.0	132322	ANT0	1	99	1	Full	-	23.7	22.39	-0.14	0.173	-	1.352	0.23
	LTE 66/4	QPSK20M	Rear Face	1.0	132322	ANT0	1	99	1	DSI2	-	21.0	20.17	0.00	0.215	-	1.211	0.26
	LTE 66/4	QPSK20M	Left Side	1.0	132322	ANT0	1	99	1	Full	-	23.7	22.39	-0.02	0.140	-	1.352	0.19
	LTE 66/4	QPSK20M	Right Side	1.0	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.17	0.092	-	1.352	0.12
	LTE 66/4	QPSK20M	Bottom Side	1.0	132322	ANT0	1	99	1	DSI2	-	21.0	20.17	0.16	0.202	-	1.211	0.24
	LTE 66/4	QPSK20M	Front Face	1.0	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.05	0.141	-	1.352	0.19
	LTE 66/4	QPSK20M	Rear Face	1.0	132322	ANT0	50	50	1	DSI2	-	20.0	19.19	-0.08	0.201	-	1.205	0.24
	LTE 66/4	QPSK20M	Left Side	1.0	132322	ANT0	50	50	1	Full	-	22.7	21.39	0.07	0.109	-	1.352	0.15
	LTE 66/4	QPSK20M	Right Side	1.0	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.17	0.073	-	1.352	0.10
	LTE 66/4	QPSK20M	Bottom Side	1.0	132322	ANT0	50	50	1	DSI2	-	20.0	19.19	0.05	0.208	-	1.205	0.25
	LTE 66/4	QPSK20M	Rear Face	1.5	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.06	0.117	-	1.352	0.16
	LTE 66/4	QPSK20M	Bottom Side	1.4	132322	ANT0	1	99	1	Full	-	23.7	22.39	0.05	0.112	-	1.352	0.15
	LTE 66/4	QPSK20M	Rear Face	1.5	132322	ANT0	50	50	1	Full	-	22.7	21.39	-0.16	0.118	-	1.352	0.16
	LTE 66/4	QPSK20M	Bottom Side	1.4	132322	ANT0	50	50	1	Full	-	22.7	21.39	0.12	0.102	-	1.352	0.14
	LTE 66/4	QPSK20M	Rear Face	1.0	132072	ANT0	1	99	1	DSI2	-	21.0	19.98	0.09	0.183	-	1.265	0.23
	LTE 66/4	QPSK20M	Rear Face	1.0	132572	ANT0	1	99	1	DSI2	-	21.0	20.11	0.15	0.245	-	1.227	**0.30**
	LTE 66/4	QPSK20M	Rear Face	1.0	132572	ANT0	1	99	2	DSI2	-	21.0	20.11	0.10	0.205	-	1.227	0.25
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.09	0.142	-	1.247	0.18
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	0.15	0.190	-	1.247	0.24
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	-0.03	0.030	-	1.247	0.04
	LTE 66(ENDC Only)	QPSK20M	Bottom Side	1.0	132322	ANT1	1	99	1	Full	-	21.0	20.04	0.15	0.063	-	1.247	0.08
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	0.08	0.150	-	1.245	0.19
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.06	0.211	-	1.245	0.26
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	-0.06	0.253	-	1.245	0.31
	LTE 66(ENDC Only)	QPSK20M	Bottom Side	1.0	132322	ANT1	50	50	1	Full	-	20.0	19.05	0.18	0.048	-	1.245	0.06
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132072	ANT1	50	50	1	Full	-	20.0	18.89	-0.05	0.306	-	1.291	0.40
P71	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132572	ANT1	50	50	1	Full	-	20.0	18.95	0.08	0.405	-	1.274	**0.52**
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132572	ANT1	50	50	2	Full	-	20.0	18.95	-0.06	0.367	-	1.274	0.47
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	0.15	0.189	-	1.315	0.25
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	-0.13	0.257	-	1.315	0.34
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	0.02	0.248	-	1.315	0.33
	LTE 66(ENDC Only)	QPSK20M	Top Side	1.0	132322	ANT2	1	99	1	Full	-	23.7	22.51	-0.13	0.184	-	1.315	0.24
	LTE 66(ENDC Only)	QPSK20M	Front Face	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	0.01	0.164	-	1.297	0.21
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	-0.03	0.227	-	1.297	0.29
	LTE 66(ENDC Only)	QPSK20M	Right Side	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	-0.03	0.234	-	1.297	0.30
	LTE 66(ENDC Only)	QPSK20M	Top Side	1.0	132322	ANT2	50	50	1	Full	-	22.7	21.57	0.01	0.163	-	1.297	0.21
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132072	ANT2	1	99	1	Full	-	23.7	22.36	0.01	0.245	-	1.361	0.33
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132572	ANT2	1	99	1	Full	-	23.7	22.47	0.06	0.259	-	1.327	**0.34**
	LTE 66(ENDC Only)	QPSK20M	Rear Face	1.0	132572	ANT2	1	99	2	Full	-	23.7	22.47	0.18	0.160	-	1.327	0.21
	LTE 71	QPSK20M	Front Face	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.03	0.066	-	1.297	0.09
P72	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.03	0.117	-	1.297	**0.15**
	LTE 71	QPSK20M	Left Side	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	0.03	0.064	-	1.297	0.08
	LTE 71	QPSK20M	Right Side	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	-0.12	0.107	-	1.297	0.14
	LTE 71	QPSK20M	Bottom Side	1.0	133222	ANT0	1	0	1	Full	-	23.7	22.57	-0.16	0.057	-	1.297	0.07
	LTE 71	QPSK20M	Front Face	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.06	0.058	-	1.274	0.07
	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	-0.03	0.107	-	1.274	0.14
	LTE 71	QPSK20M	Left Side	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.02	0.060	-	1.274	0.08
	LTE 71	QPSK20M	Right Side	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	-0.06	0.097	-	1.274	0.12
	LTE 71	QPSK20M	Bottom Side	1.0	133222	ANT0	50	50	1	Full	-	22.7	21.65	0.00	0.057	-	1.274	0.07
	LTE 71	QPSK20M	Rear Face	1.0	133322	ANT0	1	0	1	Full	-	23.7	22.54	0.10	0.108	-	1.306	0.14
	LTE 71	QPSK20M	Rear Face	1.0	133372	ANT0	1	0	1	Full	-	23.7	22.56	-0.14	0.110	-	1.300	0.14
	LTE 71	QPSK20M	Rear Face	1.0	133222	ANT0	1	0	2	Full	-	23.7	22.57	0.07	0.106	-	1.297	0.14

< Hotspot Exposure Condition >

<NR>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	NR N5	DFT-s-OFDM QPSK20M	Front Face	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.09	0.076	-	1.109	0.08
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	-0.09	0.289	-	1.109	0.32
	NR N5	DFT-s-OFDM QPSK20M	Left Side	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	0.14	0.055	-	1.109	0.06
	NR N5	DFT-s-OFDM QPSK20M	Right Side	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	-0.11	0.099	-	1.109	0.11
	NR N5	DFT-s-OFDM QPSK20M	Bottom Side	1.0	167300	ANT0	1	1	1	Full	-	24.50	24.05	-0.11	0.187	-	1.109	0.21
	NR N5	DFT-s-OFDM QPSK20M	Front Face	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.05	0.077	-	1.132	0.09
P73	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.04	0.327	-	1.132	**0.37**
	NR N5	DFT-s-OFDM QPSK20M	Left Side	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.04	0.048	-	1.132	0.05
	NR N5	DFT-s-OFDM QPSK20M	Right Side	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	-0.16	0.084	-	1.132	0.10
	NR N5	DFT-s-OFDM QPSK20M	Bottom Side	1.0	167300	ANT0	50	28	1	Full	-	24.50	23.96	0.13	0.197	-	1.132	0.22
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	166800	ANT0	50	28	1	Full	-	24.50	23.95	-0.08	0.308	-	1.135	0.35
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167800	ANT0	50	28	1	Full	-	24.50	23.92	-0.02	0.295	-	1.143	0.34
	NR N5	DFT-s-OFDM QPSK20M	Rear Face	1.0	167300	ANT0	50	28	2	Full	-	24.50	23.96	-0.07	0.265	-	1.132	0.30
	NR N7	DFT-s-OFDM QPSK20M	Front Face	1.0	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.06	0.217	-	1.125	0.24
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	507000	ANT0	1	1	1	DSI2	-	21.50	20.99	-0.09	0.474	-	1.125	0.53
	NR N7	DFT-s-OFDM QPSK20M	Left Side	1.0	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.03	0.267	-	1.125	0.30
	NR N7	DFT-s-OFDM QPSK20M	Right Side	1.0	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.11	0.118	-	1.125	0.13
	NR N7	DFT-s-OFDM QPSK20M	Bottom Side	1.0	507000	ANT0	1	1	1	DSI2	-	21.50	20.99	0.04	0.501	-	1.125	0.56
	NR N7	DFT-s-OFDM QPSK20M	Front Face	1.0	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.18	0.222	-	1.178	0.26
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	507000	ANT0	50	0	1	DSI2	-	21.50	20.77	0.06	0.500	-	1.183	0.59
	NR N7	DFT-s-OFDM QPSK20M	Left Side	1.0	507000	ANT0	50	0	1	Full	-	23.70	22.99	0.07	0.261	-	1.178	0.31
	NR N7	DFT-s-OFDM QPSK20M	Right Side	1.0	507000	ANT0	50	0	1	Full	-	23.70	22.99	0.12	0.126	-	1.178	0.15
	NR N7	DFT-s-OFDM QPSK20M	Bottom Side	1.0	507000	ANT0	50	0	1	DSI2	-	21.50	20.77	0.12	0.461	-	1.183	0.55
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.5	507000	ANT0	1	1	1	Full	-	23.70	23.19	0.05	0.284	-	1.125	0.32
	NR N7	DFT-s-OFDM QPSK20M	Bottom Side	1.4	507000	ANT0	1	1	1	Full	-	23.70	23.19	-0.04	0.329	-	1.125	0.37
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.5	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.06	0.276	-	1.178	0.33
	NR N7	DFT-s-OFDM QPSK20M	Bottom Side	1.4	507000	ANT0	50	0	1	Full	-	23.70	22.99	-0.14	0.310	-	1.178	0.37
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	502000	ANT0	50	0	1	DSI2	-	21.50	20.76	0.02	0.458	-	1.186	0.54
P74	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	512000	ANT0	50	0	1	DSI2	-	21.50	20.72	0.04	0.504	-	1.197	**0.60**
	NR N7	DFT-s-OFDM QPSK20M	Rear Face	1.0	512000	ANT0	50	0	2	DSI2	-	21.50	20.72	-0.17	0.448	-	1.197	0.54
	NR N25/N2	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT0	1	1	1	Full	-	24.50	24.16	0.05	0.248	-	1.081	0.27
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	1	1	1	DSI2	-	22.50	21.96	0.04	0.309	-	1.132	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Side	1.0	372000	ANT0	1	1	1	Full	-	24.50	24.16	0.17	0.280	-	1.081	0.30
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Side	1.0	372000	ANT0	1	1	1	Full	-	24.50	24.16	0.03	0.107	-	1.081	0.12
	NR N25/N2	DFT-s-OFDM QPSK20M	Bottom Side	1.0	372000	ANT0	1	1	1	DSI2	-	22.50	21.96	0.04	0.175	-	1.132	0.20
	NR N25/N2	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT0	50	28	1	Full	-	24.50	24.12	0.11	0.267	-	1.091	0.29
P75	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	50	28	1	DSI2	-	22.50	21.82	0.02	0.310	-	1.169	**0.36**
	NR N25/N2	DFT-s-OFDM QPSK20M	Left Side	1.0	372000	ANT0	50	28	1	Full	-	24.50	24.12	0.04	0.301	-	1.091	0.33
	NR N25/N2	DFT-s-OFDM QPSK20M	Right Side	1.0	372000	ANT0	50	28	1	Full	-	24.50	24.12	-0.11	0.096	-	1.091	0.10
	NR N25/N2	DFT-s-OFDM QPSK20M	Bottom Side	1.0	372000	ANT0	50	28	1	DSI2	-	22.50	21.82	-0.10	0.191	-	1.169	0.22
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.5	372000	ANT0	1	1	1	Full	-	24.50	24.16	-0.10	0.163	-	1.081	0.18
	NR N25/N2	DFT-s-OFDM QPSK20M	Bottom Side	1.4	372000	ANT0	1	1	1	Full	-	24.50	24.16	0.00	0.103	-	1.081	0.11
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.5	372000	ANT0	50	28	1	Full	-	24.50	24.12	0.07	0.173	-	1.091	0.19
	NR N25/N2	DFT-s-OFDM QPSK20M	Bottom Side	1.4	372000	ANT0	50	28	1	Full	-	24.50	24.12	-0.12	0.110	-	1.091	0.12
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	376500	ANT0	50	28	1	DSI2	-	22.50	21.80	-0.16	0.300	-	1.175	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	381000	ANT0	50	28	1	DSI2	-	22.50	21.58	0.10	0.281	-	1.236	0.35
	NR N25/N2	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT0	50	28	2	DSI2	-	22.50	21.82	0.08	0.294	-	1.169	0.34
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	0.13	0.130	-	1.089	0.14
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	0.14	0.094	-	1.089	0.10
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Side	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	-0.14	0.148	-	1.089	0.16
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Top Side	1.0	372000	ANT2	1	1	1	Full	-	24.50	24.13	-0.17	0.071	-	1.089	0.08
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Front Face	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	0.19	0.127	-	1.114	0.14
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Rear Face	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	0.07	0.132	-	1.114	0.15
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Side	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	-0.06	0.202	-	1.114	0.23
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Top Side	1.0	372000	ANT2	50	28	1	Full	-	24.50	24.03	-0.01	0.068	-	1.114	0.08
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Side	1.0	376500	ANT2	50	28	1	Full	-	24.50	23.94	0.17	0.205	-	1.138	0.23
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Side	1.0	381000	ANT2	50	28	1	Full	-	24.50	24.02	-0.07	0.217	-	1.117	**0.24**
	NR N25/N2(ENDC Only)	DFT-s-OFDM QPSK20M	Right Side	1.0	381000	ANT2	50	28	2	Full	-	24.50	24.02	-0.17	0.202	-	1.117	0.23
	NR N38	DFT-s-OFDM QPSK40M	Front Face	1.0	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.17	0.256	-	1.102	0.28
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	519000	ANT2	1	1	1	DSI2	-	21.50	20.86	0.18	0.518	-	1.159	0.60
	NR N38	DFT-s-OFDM QPSK40M	Right Side	1.0	519000	ANT2	1	1	1	DSI2	-	21.50	20.86	0.03	0.432	-	1.159	0.50
	NR N38	DFT-s-OFDM QPSK40M	Top Side	1.0	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.13	0.239	-	1.102	0.26
	NR N38	DFT-s-OFDM QPSK40M	Front Face	1.0	519000	ANT2	50	28	1	Full	-	24.50	23.99	-0.15	0.249	-	1.125	0.28
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	519000	ANT2	50	28	1	DSI2	-	21.50	20.74	0.05	0.462	-	1.191	0.55
	NR N38	DFT-s-OFDM QPSK40M	Right Side	1.0	519000	ANT2	50	28	1	DSI2	-	21.50	20.74	-0.19	0.368	-	1.191	0.44
	NR N38	DFT-s-OFDM QPSK40M	Top Side	1.0	519000	ANT2	50	28	1	Full	-	24.50	23.99	0.00	0.233	-	1.125	0.26
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	2.5	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.00	0.166	-	1.102	0.18
	NR N38	DFT-s-OFDM QPSK40M	Right Side	2.1	519000	ANT2	1	1	1	Full	-	24.50	24.08	0.07	0.136	-	1.102	0.15
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	2.5	519000	ANT2	50	28	1	Full	-	24.50	23.99	-0.01	0.140	-	1.125	0.16
	NR N38	DFT-s-OFDM QPSK40M	Right Side	2.1	519000	ANT2	50	28	1	Full	-	24.50	23.99	0.05	0.123	-	1.125	0.14
P76	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	518000	ANT2	1	1	1	DSI2	-	21.50	20.66	0.04	0.554	-	1.213	**0.67**
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	520000	ANT2	1	1	1	DSI2	-	21.50	20.70	-0.06	0.520	-	1.202	0.63
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	1.0	518000	ANT2	1	1	2	DSI2	-	21.50	20.66	0.15	0.365	-	1.213	0.44
	NR N41 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.05	0.281	-	1.189	0.33
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	1	DSI2	-	16.00	15.52	0.17	0.316	-	1.117	**0.35**
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Side	1.0	528000	ANT2	1	1	1	DSI2	-	16.00	15.52	-0.06	0.123	-	1.117	0.14
	NR N41 PC3	DFT-s-OFDM QPSK100M	Top Side	1.0	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.05	0.270	-	1.189	0.32
	NR N41 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	528000	ANT2	135	0	1	Full	-	23.70	22.94	-0.11	0.283	-	1.191	0.34
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	135	0	1	DSI2	-	16.00	15.49	0.03	0.301	-	1.125	0.34
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Side	1.0	528000	ANT2	135	0	1	DSI2	-	16.00	15.49	0.14	0.110	-	1.125	0.12
	NR N41 PC3	DFT-s-OFDM QPSK100M	Top Side	1.0	528000	ANT2	135	0	1	Full	-	23.70	22.94	-0.14	0.258	-	1.191	0.31
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.12	0.218	-	1.189	0.26
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Side	2.1	528000	ANT2	1	1	1	Full	-	23.70	22.95	0.08	0.215	-	1.189	0.26
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	528000	ANT2	135	0	1	Full	-	23.70	22.94	-0.05	0.213	-	1.191	0.25
	NR N41 PC3	DFT-s-OFDM QPSK100M	Right Side	2.1	528000	ANT2	135	0	1	Full	-	23.70	22.94	0.09	0.211	-	1.191	0.25
	NR N41 PC2	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	1	DSI2	-	16.00	15.72	-0.11	0.196	-	1.067	0.21
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	528000	ANT2	1	1	2	DSI2	-	16.00	15.52	0.19	0.146	-	1.117	0.16

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	-0.01	0.361	-	1.143	0.41
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.13	0.561	-	1.143	0.64
P77	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	-0.02	1.130	-	1.143	**1.29**
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.11	0.107	-	1.143	0.12
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Bottom Side	1.0	528000	ANT1+2	1	1	1	Full	-	23.70	23.12	0.12	0.144	-	1.143	0.16
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.16	0.333	-	1.189	0.40
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.03	0.506	-	1.189	0.60
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	0.05	1.010	-	1.189	1.20
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.03	0.100	-	1.189	0.12
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Bottom Side	1.0	528000	ANT1+2	137	0	1	Full	-	23.70	22.95	-0.08	0.162	-	1.189	0.19
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	509202	ANT1+2	1	1	1	Full	-	23.70	23.06	0.16	0.528	-	1.159	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	518598	ANT1+2	1	1	1	Full	-	23.70	22.98	0.00	0.519	-	1.180	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	509202	ANT1+2	137	0	1	Full	-	23.70	22.93	-0.19	0.511	-	1.194	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	518598	ANT1+2	137	0	1	Full	-	23.70	22.88	-0.05	0.521	-	1.208	0.63
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	509202	ANT1+2	1	1	1	Full	-	23.70	23.06	-0.16	0.996	-	1.159	1.15
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	518598	ANT1+2	1	1	1	Full	-	23.70	22.98	0.19	0.951	-	1.180	1.12
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	509202	ANT1+2	137	0	1	Full	-	23.70	22.93	0.19	0.975	-	1.194	1.16
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	518598	ANT1+2	137	0	1	Full	-	23.70	22.88	-0.13	1.010	-	1.208	1.22
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	528000	ANT1+2	273	0	1	Full	-	23.70	22.89	0.12	0.509	-	1.205	0.61
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	528000	ANT1+2	273	0	1	Full	-	23.70	22.89	0.20	0.968	-	1.205	1.17
	NR N41 MIMO PC2	CP-OFDM QPSK100M	Right Side	1.0	528000	ANT1+2	137	0	1	Full	-	24.00	23.82	-0.19	0.560	-	1.042	0.58
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	1.0	528000	ANT1+2	1	1	2	Full	-	23.70	23.12	0.20	0.915	-	1.143	1.05
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.0	646332	ANT5	1	22	1	DSI2	-	17.00	16.47	0.16	0.074	-	1.130	0.08
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	1.0	646332	ANT5	1	22	1	DSI2	-	17.00	16.47	0.07	0.151	-	1.130	0.17
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	1.0	646332	ANT5	1	22	1	DSI2	-	17.00	16.47	0.12	0.247	-	1.130	0.28
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.0	646332	ANT5	12	6	1	DSI2	-	17.00	16.20	-0.04	0.084	-	1.202	0.10
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	1.0	646332	ANT5	12	6	1	DSI2	-	17.00	16.20	0.12	0.170	-	1.202	0.20
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	1.0	646332	ANT5	12	6	1	DSI2	-	17.00	16.20	0.02	0.249	-	1.202	0.30
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.3	646332	ANT5	1	22	1	Full	-	24.50	24.16	-0.04	0.265	-	1.081	0.29
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	1	22	1	Full	-	24.50	24.16	-0.19	0.253	-	1.081	0.27
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	2.4	646332	ANT5	1	22	1	Full	-	24.50	24.16	-0.05	0.515	-	1.081	0.56
	NR N48 PC3	DFT-s-OFDM QPSK10M	Front Face	1.3	646332	ANT5	12	6	1	Full	-	24.50	23.95	-0.17	0.254	-	1.135	0.29
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	2.5	646332	ANT5	12	6	1	Full	-	24.50	23.95	0.01	0.312	-	1.135	0.35
P78	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	2.4	646332	ANT5	12	6	1	Full	-	24.50	23.95	0.17	0.502	-	1.135	**0.57**
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	2.4	637000	ANT5	12	6	1	Full	-	24.50	23.79	0.17	0.471	-	1.178	0.55
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	2.4	641666	ANT5	12	6	1	Full	-	24.50	23.71	-0.08	0.468	-	1.199	0.56
	NR N48 PC2	DFT-s-OFDM QPSK10M	Left Side	2.4	646332	ANT5	12	6	1	Full	-	26.00	25.45	-0.03	0.485	-	1.135	0.55
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	2.4	646332	ANT5	12	6	2	Full	-	24.50	23.95	-0.06	0.495	-	1.135	0.56
	NR N66	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.07	0.202	-	1.050	0.21
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.04	0.401	-	1.050	0.42
	NR N66	DFT-s-OFDM QPSK20M	Left Side	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	-0.03	0.158	-	1.050	0.17
	NR N66	DFT-s-OFDM QPSK20M	Right Side	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.09	0.103	-	1.050	0.11
	NR N66	DFT-s-OFDM QPSK20M	Bottom Side	1.0	349000	ANT0	1	1	1	Full	-	24.50	24.29	0.14	0.400	-	1.050	0.42
	NR N66	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	0.12	0.208	-	1.059	0.22
	NR N66	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.14	0.384	-	1.059	0.41
	NR N66	DFT-s-OFDM QPSK20M	Left Side	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	0.12	0.166	-	1.059	0.18
	NR N66	DFT-s-OFDM QPSK20M	Right Side	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.10	0.110	-	1.059	0.12
	NR N66	DFT-s-OFDM QPSK20M	Bottom Side	1.0	349000	ANT0	50	28	1	Full	-	24.50	24.25	-0.16	0.406	-	1.059	0.43
	NR N66	DFT-s-OFDM QPSK20M	Bottom Side	1.0	344000	ANT0	50	28	1	Full	-	24.50	23.90	0.05	0.251	-	1.148	0.29
P79	NR N66	DFT-s-OFDM QPSK20M	Bottom Side	1.0	354000	ANT0	50	28	1	Full	-	24.50	24.17	0.05	0.423	-	1.079	**0.46**
	NR N66	DFT-s-OFDM QPSK20M	Bottom Side	1.0	354000	ANT0	50	28	2	Full	-	24.50	24.17	0.07	0.366	-	1.079	0.39
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.13	0.239	-	1.081	0.26
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.06	0.415	-	1.081	**0.45**
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Side	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.11	0.341	-	1.081	0.37
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Top Side	1.0	349000	ANT2	1	1	1	Full	-	24.50	24.16	0.09	0.210	-	1.081	0.23
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	-0.10	0.226	-	1.094	0.25
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	-0.18	0.333	-	1.094	0.36
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Right Side	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	-0.05	0.314	-	1.094	0.34
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Top Side	1.0	349000	ANT2	50	28	1	Full	-	24.50	24.11	0.16	0.215	-	1.094	0.24
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	344000	ANT2	1	1	1	Full	-	24.50	23.95	-0.02	0.297	-	1.135	0.34
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	354000	ANT2	1	1	1	Full	-	24.50	24.00	0.12	0.280	-	1.122	0.31
	NR N66(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	349000	ANT2	1	1	2	Full	-	24.50	24.16	0.12	0.265	-	1.081	0.29
	NR N71	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.09	0.078	-	1.104	0.09
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.13	0.134	-	1.104	0.15
	NR N71	DFT-s-OFDM QPSK20M	Left Side	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	0.11	0.076	-	1.104	0.08
	NR N71	DFT-s-OFDM QPSK20M	Right Side	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	0.06	0.127	-	1.104	0.14
	NR N71	DFT-s-OFDM QPSK20M	Bottom Side	1.0	134600	ANT0	1	1	1	Full	-	24.50	24.07	-0.10	0.073	-	1.104	0.08
	NR N71	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.15	0.080	-	1.112	0.09
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.00	0.141	-	1.112	0.16
	NR N71	DFT-s-OFDM QPSK20M	Left Side	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	-0.10	0.082	-	1.112	0.09
	NR N71	DFT-s-OFDM QPSK20M	Right Side	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	-0.11	0.133	-	1.112	0.15
	NR N71	DFT-s-OFDM QPSK20M	Bottom Side	1.0	134600	ANT0	50	28	1	Full	-	24.50	24.04	0.00	0.073	-	1.112	0.08
P80	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT0	50	28	1	Full	-	24.50	24.01	0.02	0.153	-	1.119	**0.17**
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	137600	ANT0	50	28	1	Full	-	24.50	23.96	0.05	0.130	-	1.132	0.15
	NR N71	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT0	50	28	2	Full	-	24.50	24.01	-0.19	0.134	-	1.119	0.15
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.13	0.051	-	1.117	0.06
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.12	0.101	-	1.117	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Side	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	-0.15	0.000	-	1.117	0.00
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Top Side	1.0	134600	ANT2	1	1	1	Full	-	24.50	24.02	0.12	0.048	-	1.117	0.05
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Front Face	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.01	0.051	-	1.127	0.06
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.19	0.105	-	1.127	**0.12**
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Right Side	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	-0.04	0.042	-	1.127	0.05
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Top Side	1.0	134600	ANT2	50	28	1	Full	-	24.50	23.98	0.02	0.040	-	1.127	0.05
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	136100	ANT2	50	28	1	Full	-	24.50	23.94	-0.07	0.101	-	1.138	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	137600	ANT2	50	28	1	Full	-	24.50	23.83	0.19	0.097	-	1.167	0.11
	NR N71(ENDC)	DFT-s-OFDM QPSK20M	Rear Face	1.0	134600	ANT2	50	28	2	Full	-	24.50	23.98	0.09	0.088	-	1.127	0.10
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	1	1	1	DSI2	-	15.00	14.05	-0.02	0.057	-	1.245	0.07
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	1	DSI2	-	15.00	14.05	-0.14	0.062	-	1.245	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	1	1	1	DSI2	-	15.00	14.05	-0.09	0.096	-	1.245	0.12
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	135	138	1	DSI2	-	15.00	13.67	-0.14	0.073	-	1.358	0.10
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	135	138	1	DSI2	-	15.00	13.67	-0.13	0.082	-	1.358	0.11
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	135	138	1	DSI2	-	15.00	13.67	0.11	0.084	-	1.358	0.11
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	1	1	1	Full	-	23.70	22.93	0.11	0.139	-	1.194	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	1	Full	-	23.70	22.93	-0.08	0.153	-	1.194	0.18
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	1	1	1	Full	-	23.70	22.93	-0.08	0.398	-	1.194	**0.48**
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	135	138	1	Full	-	23.70	22.54	-0.06	0.120	-	1.306	0.16
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	135	138	1	Full	-	23.70	22.54	0.13	0.118	-	1.306	0.15
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	135	138	1	Full	-	23.70	22.54	0.10	0.289	-	1.306	0.38
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	1	1	1	Full	-	26.00	25.52	-0.02	0.285	-	1.117	0.32
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	1	1	2	Full	-	23.70	22.93	0.07	0.355	-	1.194	0.42

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.43	0.14	0.043	-	1.140	0.05
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.43	-0.05	0.472	-	1.140	0.54
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.43	-0.02	0.455	-	1.140	0.52
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.17	0.000	-	1.245	0.00
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.37	0.03	0.053	-	1.156	0.06
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.37	-0.03	0.517	-	1.156	**0.60**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.37	-0.09	0.496	-	1.156	0.57
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.18	0.124	-	1.253	0.16
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.02	0.024	-	1.245	0.03
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.13	0.474	-	1.245	0.59
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	633334	ANT5+3	1	1	1	Full	-	23.70	22.75	-0.08	0.399	-	1.245	0.50
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.16	0.056	-	1.253	0.07
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	-0.06	0.469	-	1.253	0.59
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	633334	ANT5+3	137	68	1	Full	-	23.70	22.72	0.15	0.110	-	1.253	0.14
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	1	DSI2	-	18.00	17.23	-0.16	0.411	-	1.194	0.49
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	68	2	DSI2	-	18.00	17.37	-0.12	0.361	-	1.156	0.42
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	650000	ANT5	1	137	1	DSI2	-	15.00	14.07	-0.12	0.063	-	1.239	0.08
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	650000	ANT5	1	137	1	DSI2	-	15.00	14.07	-0.18	0.135	-	1.239	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	650000	ANT5	1	137	1	DSI2	-	15.00	14.07	-0.04	0.179	-	1.239	0.22
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	650000	ANT5	135	138	1	DSI2	-	15.00	13.81	-0.06	0.067	-	1.315	0.09
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	650000	ANT5	135	138	1	DSI2	-	15.00	13.81	0.10	0.132	-	1.315	0.17
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	650000	ANT5	135	138	1	DSI2	-	15.00	13.81	-0.02	0.201	-	1.315	0.26
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	650000	ANT5	1	137	1	Full	-	23.70	22.88	0.01	0.205	-	1.208	0.25
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	1	137	1	Full	-	23.70	22.88	0.17	0.238	-	1.208	0.29
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	650000	ANT5	1	137	1	Full	-	23.70	22.88	-0.11	0.442	-	1.208	0.53
	NR N77 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	650000	ANT5	135	138	1	Full	-	23.70	22.66	0.06	0.227	-	1.271	0.29
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	650000	ANT5	135	138	1	Full	-	23.70	22.66	0.19	0.289	-	1.271	0.37
P81	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	650000	ANT5	135	138	1	Full	-	23.70	22.66	0.17	0.512	-	1.271	**0.65**
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Side	2.4	650000	ANT5	135	138	1	Full	-	26.00	25.16	0.19	0.325	-	1.213	0.39
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	650000	ANT5	135	138	2	Full	-	23.70	22.66	0.16	0.311	-	1.271	0.40
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.64	0.14	0.076	-	1.086	0.08
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.64	-0.18	0.510	-	1.086	**0.55**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.64	0.15	0.418	-	1.086	0.45
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	0.14	0.231	-	1.233	0.28
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	650000	ANT5+3	137	0	1	DSI2	-	18.00	17.36	-0.05	0.072	-	1.159	0.08
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	137	0	1	DSI2	-	18.00	17.36	-0.18	0.451	-	1.159	0.52
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	650000	ANT5+3	137	0	1	DSI2	-	18.00	17.36	0.05	0.296	-	1.159	0.34
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	-0.03	0.249	-	1.297	0.32
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.13	0.054	-	1.233	0.07
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	-0.01	0.370	-	1.233	0.46
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	650000	ANT5+3	1	1	1	Full	-	23.70	22.79	0.13	0.338	-	1.233	0.42
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	0.03	0.050	-	1.297	0.06
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	0.05	0.330	-	1.297	0.43
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	650000	ANT5+3	137	0	1	Full	-	23.70	22.57	-0.13	0.267	-	1.297	0.35
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	1	DSI2	-	18.00	17.57	0.11	0.326	-	1.104	0.36
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	650000	ANT5+3	1	1	2	DSI2	-	18.00	17.64	-0.18	0.340	-	1.086	0.37
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.67	-0.09	0.077	-	1.211	0.09
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.67	0.16	0.441	-	1.211	0.53
P82	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.67	0.04	0.663	-	1.211	**0.80**
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.0	633334	ANT5	135	0	1	DSI2	-	20.50	19.54	-0.11	0.076	-	1.247	0.09
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	1.0	633334	ANT5	135	0	1	DSI2	-	20.50	19.54	0.06	0.413	-	1.247	0.52
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	135	0	1	DSI2	-	20.50	19.54	-0.17	0.564	-	1.247	0.70
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	1	1	1	Full	-	23.70	22.71	0.09	0.172	-	1.256	0.22
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	1	1	1	Full	-	23.70	22.71	0.01	0.115	-	1.256	0.14
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	1	1	1	Full	-	23.70	22.71	0.04	0.457	-	1.256	0.57
	NR N78 PC3	DFT-s-OFDM QPSK100M	Front Face	1.3	633334	ANT5	135	0	1	Full	-	23.70	22.61	-0.02	0.140	-	1.285	0.18
	NR N78 PC3	DFT-s-OFDM QPSK100M	Rear Face	2.5	633334	ANT5	135	0	1	Full	-	23.70	22.61	0.04	0.105	-	1.285	0.13
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	2.4	633334	ANT5	135	0	1	Full	-	23.70	22.61	0.17	0.496	-	1.285	0.64
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	270	0	1	DSI2	-	20.50	19.51	0.01	0.605	-	1.256	0.76
	NR N78 PC2	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	1	1	1	DSI2	-	20.50	19.64	0.11	0.325	-	1.219	0.40
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	1.0	633334	ANT5	1	1	2	DSI2	-	20.50	19.67	-0.17	0.429	-	1.211	0.52
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.44	-0.07	0.047	-	1.138	0.05
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.44	0.19	0.494	-	1.138	0.56
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	633334	ANT5+3	1	1	1	DSI2	-	18.00	17.44	0.04	0.471	-	1.138	0.54
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	-0.11	0.230	-	1.219	0.28
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.25	0.19	0.047	-	1.189	0.06
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.25	-0.18	0.560	-	1.189	**0.67**
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.25	-0.07	0.501	-	1.189	0.60
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Top Side	1.0	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.16	0.205	-	1.239	0.25
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.07	0.043	-	1.219	0.05
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	0.13	0.384	-	1.219	0.47
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	633334	ANT5+3	1	1	1	Full	-	23.70	22.84	-0.06	0.353	-	1.219	0.43
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Front Face	1.3	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.13	0.111	-	1.239	0.14
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	2.5	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	-0.18	0.372	-	1.239	0.46
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	2.4	633334	ANT5+3	137	0	1	Full	-	23.70	22.77	0.08	0.332	-	1.239	0.41
	NR N78 MIMO PC2	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	1	DSI2	-	18.00	17.29	0.11	0.455	-	1.178	0.54
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	1.0	633334	ANT5+3	137	0	2	DSI2	-	18.00	17.25	0.08	0.375	-	1.189	0.45

< Hotspot Exposure Condition >

<WLAN/BT>

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 1g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 1g SAR
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT5	1	Full	100	19.00	18.08	-0.10	0.056	1.000	1.236	0.07
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5	1	Full	100	19.00	18.08	-0.14	0.106	1.000	1.236	0.13
	WLAN2.4G	802.11b	Left Side	1.0	11	ANT5	1	Full	100	19.00	18.08	0.06	0.249	1.000	1.236	0.31
	WLAN2.4G	802.11b	Left Side	1.0	1	ANT5	1	Full	100	18.00	17.23	-0.18	0.197	1.000	1.194	0.24
	WLAN2.4G	802.11b	Left Side	1.0	6	ANT5	1	Full	100	18.00	17.43	0.05	0.292	1.000	1.140	**0.33**
	WLAN2.4G	802.11b	Left Side	1.0	6	ANT5	2	Full	100	18.00	17.43	0.10	0.210	1.000	1.140	0.24
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT6	1	Full	100	14.00	13.12	-0.09	0.050	1.000	1.225	0.06
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT6	1	Full	100	14.00	13.12	-0.02	0.283	1.000	1.225	**0.35**
	WLAN2.4G	802.11b	Left Side	1.0	11	ANT6	1	Full	100	14.00	13.12	-0.08	0.040	1.000	1.225	0.05
	WLAN2.4G	802.11b	Right Side	1.0	11	ANT6	1	Full	100	14.00	13.12	0.05	0.037	1.000	1.225	0.05
	WLAN2.4G	802.11b	Top Side	1.0	11	ANT6	1	Full	100	14.00	13.12	0.17	0.099	1.000	1.225	0.12
	WLAN2.4G	802.11b	Rear Face	1.0	1	ANT6	1	Full	100	13.00	11.92	-0.16	0.241	1.000	1.282	0.31
	WLAN2.4G	802.11b	Rear Face	1.0	6	ANT6	1	Full	100	14.00	12.95	0.10	0.237	1.000	1.274	0.30
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT6	2	Full	100	14.00	13.12	0.12	0.165	1.000	1.225	0.20
	WLAN2.4G	802.11b	Front Face	1.0	11	ANT5+6	1	DSI2	100	18.00	17.40	-0.06	0.054	1.000	1.148	0.06
P83	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5+6	1	DSI2	100	18.00	17.40	-0.01	0.383	1.000	1.148	**0.44**
	WLAN2.4G	802.11b	Left Side	1.0	11	ANT5+6	1	DSI2	100	18.00	17.40	-0.16	0.069	1.000	1.148	0.08
	WLAN2.4G	802.11b	Right Side	1.0	11	ANT5+6	1	Full	100	21.00	20.45	-0.06	0.000	1.000	1.135	0.00
	WLAN2.4G	802.11b	Top Side	1.0	11	ANT5+6	1	Full	100	21.00	20.45	-0.09	0.285	1.000	1.135	0.32
	WLAN2.4G	802.11b	Front Face	1.3	11	ANT5+6	1	Full	100	21.00	20.45	-0.12	0.077	1.000	1.135	0.09
	WLAN2.4G	802.11b	Rear Face	2.5	11	ANT5+6	1	Full	100	21.00	20.45	0.14	0.198	1.000	1.135	0.22
	WLAN2.4G	802.11b	Left Side	2.4	11	ANT5+6	1	Full	100	21.00	20.45	0.04	0.063	1.000	1.135	0.07
	WLAN2.4G	802.11b	Rear Face	1.0	1	ANT5+6	1	DSI2	100	18.00	16.59	0.07	0.203	1.000	1.384	0.28
	WLAN2.4G	802.11b	Rear Face	1.0	6	ANT5+6	1	DSI2	100	18.00	17.01	0.02	0.181	1.000	1.256	0.23
	WLAN2.4G	802.11b	Rear Face	1.0	11	ANT5+6	2	DSI2	100	18.00	17.40	0.02	0.210	1.000	1.148	0.24
	WLAN5G	802.11a	Front Face	1.0	48	ANT5	1	DSI2	99.34	14.00	12.80	0.01	0.120	1.007	1.318	0.16
	WLAN5G	802.11a	Rear Face	1.0	48	ANT5	1	DSI2	99.34	14.00	12.80	-0.15	0.059	1.007	1.318	0.08
	WLAN5G	802.11a	Left Side	1.0	48	ANT5	1	DSI2	99.34	14.00	12.80	-0.20	0.154	1.007	1.318	0.20
	WLAN5G	802.11a	Front Face	1.3	48	ANT5	1	Full	99.34	16.00	15.23	0.12	0.142	1.007	1.194	0.17
	WLAN5G	802.11a	Rear Face	2.5	48	ANT5	1	Full	99.34	16.00	15.23	0.17	0.096	1.007	1.194	0.12
	WLAN5G	802.11a	Left Side	2.4	48	ANT5	1	Full	99.34	16.00	15.23	-0.01	0.114	1.007	1.194	0.14
	WLAN5G	802.11a	Left Side	1.0	36	ANT5	1	DSI2	99.34	14.00	12.59	0.07	0.173	1.007	1.384	**0.24**
	WLAN5G	802.11a	Left Side	1.0	40	ANT5	1	DSI2	99.34	13.00	12.43	0.11	0.169	1.007	1.140	0.19
	WLAN5G	802.11a	Left Side	1.0	44	ANT5	1	DSI2	99.34	14.00	12.61	-0.18	0.161	1.007	1.377	0.22
	WLAN5G	802.11a	Left Side	1.0	36	ANT5	2	DSI2	99.34	14.00	12.59	0.05	0.165	1.007	1.384	0.23
	WLAN5G	802.11a	Front Face	1.0	48	ANT6	1	Full	99.34	16.00	14.77	0.12	0.124	1.007	1.327	0.17
	WLAN5G	802.11a	Rear Face	1.0	48	ANT6	1	Full	99.34	16.00	14.77	0.04	0.194	1.007	1.327	**0.26**
	WLAN5G	802.11a	Left Side	1.0	48	ANT6	1	Full	99.34	16.00	14.77	-0.17	0.084	1.007	1.327	0.11
	WLAN5G	802.11a	Right Side	1.0	48	ANT6	1	Full	99.34	16.00	14.77	0.16	0.108	1.007	1.327	0.14
	WLAN5G	802.11a	Top Side	1.0	48	ANT6	1	Full	99.34	16.00	14.77	0.09	0.156	1.007	1.327	0.21
	WLAN5G	802.11a	Rear Face	1.0	36	ANT6	1	Full	99.34	15.00	13.87	0.00	0.166	1.007	1.297	0.22
	WLAN5G	802.11a	Rear Face	1.0	40	ANT6	1	Full	99.34	15.00	14.12	-0.17	0.165	1.007	1.225	0.20
	WLAN5G	802.11a	Rear Face	1.0	44	ANT6	1	Full	99.34	15.00	14.32	-0.16	0.179	1.007	1.169	0.21
	WLAN5G	802.11a	Rear Face	1.0	48	ANT6	2	Full	99.34	16.00	14.77	0.09	0.123	1.007	1.327	0.16
	WLAN5G	802.11a	Front Face	1.0	48	ANT5+6	1	Full	99.34	19.00	18.26	0.11	0.163	1.007	1.186	0.19
	WLAN5G	802.11a	Rear Face	1.0	48	ANT5+6	1	Full	99.34	19.00	18.26	0.06	0.170	1.007	1.186	0.20
P84	WLAN5G	802.11a	Left Side	1.0	48	ANT5+6	1	Full	99.34	19.00	18.26	0.05	0.333	1.007	1.186	**0.40**
	WLAN5G	802.11a	Right Side	1.0	48	ANT5+6	1	Full	99.34	19.00	18.26	0.11	0.065	1.007	1.186	0.08
	WLAN5G	802.11a	Top Side	1.0	48	ANT5+6	1	Full	99.34	19.00	18.26	0.02	0.181	1.007	1.186	0.22
	WLAN5G	802.11a	Left Side	1.0	36	ANT5+6	1	Full	99.34	19.00	17.83	0.05	0.298	1.007	1.309	0.39
	WLAN5G	802.11a	Left Side	1.0	40	ANT5+6	1	Full	99.34	19.00	17.82	-0.02	0.300	1.007	1.312	0.40
	WLAN5G	802.11a	Left Side	1.0	44	ANT5+6	1	Full	99.34	19.00	18.05	-0.05	0.317	1.007	1.245	0.40
	WLAN5G	802.11a	Left Side	1.0	48	ANT5+6	2	Full	99.34	19.00	18.26	0.09	0.319	1.007	1.186	0.38
	WLAN5G	802.11a	Front Face	1.0	157	ANT5	1	Full	99.48	16.00	15.08	0.19	0.109	1.005	1.236	0.14
	WLAN5G	802.11a	Rear Face	1.0	157	ANT5	1	Full	99.48	16.00	15.08	0.15	0.058	1.005	1.236	0.07
	WLAN5G	802.11a	Left Side	1.0	157	ANT5	1	Full	99.48	16.00	15.08	-0.01	0.228	1.005	1.236	**0.28**
	WLAN5G	802.11a	Left Side	1.0	149	ANT5	1	Full	99.48	15.00	14.41	0.11	0.202	1.005	1.147	0.23
	WLAN5G	802.11a	Left Side	1.0	165	ANT5	1	Full	99.48	16.00	14.53	-0.04	0.195	1.005	1.403	0.27
	WLAN5G	802.11a	Left Side	1.0	157	ANT5	2	Full	99.48	16.00	15.08	-0.06	0.163	1.005	1.236	0.20
	WLAN5G	802.11a	Front Face	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.07	0.089	1.005	1.279	0.11
	WLAN5G	802.11a	Rear Face	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.15	0.092	1.005	1.279	0.12
	WLAN5G	802.11a	Left Side	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.05	0.057	1.005	1.279	0.07
	WLAN5G	802.11a	Right Side	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.12	0.102	1.005	1.279	0.13
	WLAN5G	802.11a	Top Side	1.0	157	ANT6	1	Full	99.48	16.00	14.93	-0.03	0.213	1.005	1.279	0.27
	WLAN5G	802.11a	Top Side	1.0	149	ANT6	1	Full	99.48	15.50	14.16	-0.20	0.173	1.005	1.361	0.24
P85	WLAN5G	802.11a	Top Side	1.0	165	ANT6	1	Full	99.48	16.00	14.75	0.06	0.233	1.005	1.334	**0.31**
	WLAN5G	802.11a	Top Side	1.0	165	ANT6	2	Full	99.48	16.00	14.75	-0.12	0.214	1.005	1.334	0.29
	WLAN5G	802.11a	Front Face	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	0.03	0.103	1.005	1.222	0.13
	WLAN5G	802.11a	Rear Face	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	-0.12	0.096	1.005	1.222	0.12
	WLAN5G	802.11a	Left Side	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	0.17	0.217	1.005	1.222	**0.27**
	WLAN5G	802.11a	Right Side	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	-0.06	0.057	1.005	1.222	0.07
	WLAN5G	802.11a	Top Side	1.0	157	ANT5+6	1	Full	99.48	19.00	18.13	0.18	0.202	1.005	1.222	0.25
	WLAN5G	802.11a	Left Side	1.0	149	ANT5+6	1	Full	99.48	18.00	17.45	0.13	0.205	1.005	1.134	0.23
	WLAN5G	802.11a	Left Side	1.0	165	ANT5+6	1	Full	99.48	19.00	17.77	0.03	0.198	1.005	1.328	0.26
	WLAN5G	802.11a	Left Side	1.0	157	ANT5+6	2	Full	99.48	19.00	18.13	-0.10	0.203	1.005	1.222	0.25
	BT	GFSK	Front Face	1.0	78	ANT5	1	Full	45.97	11.00	10.47	0.05	0.039	2.175	1.130	0.10
	BT	GFSK	Rear Face	1.0	78	ANT5	1	Full	45.97	11.00	10.47	-0.04	0.000	2.175	1.130	0.00
	BT	GFSK	Left Side	1.0	78	ANT5	1	Full	45.97	11.00	10.47	0.07	0.042	2.175	1.130	0.10
P86	BT	GFSK	Left Side	1.0	0	ANT5	1	Full	45.97	11.00	10.41	0.01	0.049	2.175	1.145	**0.12**
	BT	GFSK	Left Side	1.0	39	ANT5	1	Full	45.97	11.00	10.13	0.14	0.034	2.175	1.222	0.09
	BT	GFSK	Left Side	1.0	0	ANT5	2	Full	45.97	11.00	10.41	-0.20	0.031	2.175	1.145	0.08

<Extremity Exposure Condition >

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	RB	offset	Sample	Power Reduction	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 10g	Tune-up Scaling Factor	Scaled 10g SAR
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	0	519000	ANT2	1	1	1	DSI2	21.50	20.86	-0.06	0.810	1.159	0.94
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	0	519000	ANT2	50	28	1	DSI2	21.50	20.74	0.08	0.766	1.191	0.91
P87	NR N38	DFT-s-OFDM QPSK40M	Rear Face	0	518000	ANT2	1	1	1	DSI2	21.50	20.66	0.06	0.889	1.213	**1.08**
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	0	520000	ANT2	1	1	1	DSI2	21.50	20.70	-0.16	0.742	1.202	0.89
	NR N38	DFT-s-OFDM QPSK40M	Rear Face	0	518000	ANT2	1	1	2	DSI2	21.50	20.66	-0.07	0.507	1.213	0.62
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	0	528000	ANT2	1	1	1	DSI2	16.00	15.52	-0.16	0.270	1.117	**0.30**
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	0	528000	ANT2	135	0	1	DSI2	16.00	15.49	0.11	0.227	1.125	0.26
	NR N41 PC2	DFT-s-OFDM QPSK100M	Rear Face	0	528000	ANT2	1	1	1	DSI2	16.00	15.72	-0.02	0.118	1.067	0.13
	NR N41 PC3	DFT-s-OFDM QPSK100M	Rear Face	0	528000	ANT2	1	1	2	DSI2	16.00	15.52	0.09	0.195	1.117	0.22
P88	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	528000	ANT1+2	1	1	1	Full	23.70	23.12	0.01	1.730	1.143	**1.98**
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	528000	ANT1+2	137	0	1	Full	23.70	22.95	-0.13	1.300	1.189	1.55
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	509202	ANT1+2	1	1	1	Full	23.70	23.06	-0.14	1.420	1.159	1.65
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	518598	ANT1+2	1	1	1	Full	23.70	22.98	-0.11	1.640	1.180	1.94
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	509202	ANT1+2	137	0	1	Full	23.70	22.93	-0.13	1.410	1.194	1.68
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	518598	ANT1+2	137	0	1	Full	23.70	22.88	-0.07	1.450	1.208	1.75
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	528000	ANT1+2	273	0	1	Full	23.70	22.89	0.13	1.470	1.205	1.77
	NR N41 MIMO PC2	CP-OFDM QPSK100M	Right Side	0	528000	ANT1+2	1	1	1	Full	24.00	23.82	-0.16	0.733	1.042	0.76
	NR N41 MIMO PC3	CP-OFDM QPSK100M	Right Side	0	528000	ANT1+2	1	1	2	Full	23.70	23.12	-0.08	1.420	1.143	1.62
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	0	646332	ANT5	1	22	1	DSI2	17.00	16.47	-0.14	0.309	1.130	0.35
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	0	646332	ANT5	1	22	1	DSI2	17.00	16.47	-0.07	0.403	1.130	0.46
	NR N48 PC3	DFT-s-OFDM QPSK10M	Rear Face	0	646332	ANT5	12	6	1	DSI2	17.00	16.20	0.09	0.273	1.202	0.33
P89	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	0	646332	ANT5	12	6	1	DSI2	17.00	16.20	0.03	0.409	1.202	**0.49**
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	0	637000	ANT5	12	6	1	DSI2	17.00	16.17	0.12	0.249	1.211	0.30
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	0	641666	ANT5	12	6	1	DSI2	17.00	16.01	0.15	0.317	1.256	0.40
	NR N48 PC2	DFT-s-OFDM QPSK10M	Left Side	0	646332	ANT5	12	6	1	DSI2	17.00	16.21	-0.02	0.226	1.199	0.27
	NR N48 PC3	DFT-s-OFDM QPSK10M	Left Side	0	646332	ANT5	12	6	2	DSI2	17.00	16.20	-0.13	0.317	1.202	0.38
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	1	DSI2	15.00	14.05	-0.11	0.364	1.245	**0.45**
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	135	138	1	DSI2	15.00	13.67	0.00	0.198	1.358	0.27
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	1	DSI2	15.00	14.01	-0.18	0.179	1.256	0.22
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	2	DSI2	15.00	14.05	-0.08	0.261	1.245	0.32
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	1	1	1	DSI2	18.00	17.43	-0.15	1.340	1.140	1.53
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	1	1	1	DSI2	18.00	17.43	-0.05	0.638	1.140	0.73
P90	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	68	1	DSI2	18.00	17.37	-0.03	1.450	1.156	**1.68**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	137	68	1	DSI2	18.00	17.37	-0.07	0.717	1.156	0.83
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	68	1	DSI2	18.00	17.37	-0.13	0.761	1.156	0.88
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	68	2	DSI2	18.00	17.37	0.04	0.301	1.156	0.35
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	137	68	1	DSI2	18.00	17.37	-0.14	0.697	1.156	0.81
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	0	650000	ANT5	1	137	1	DSI2	15.00	14.07	-0.10	0.252	1.239	0.31
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	650000	ANT5	1	137	1	DSI2	15.00	14.07	0.18	0.257	1.239	0.32
	NR N77 PC3	DFT-s-OFDM QPSK100M	Rear Face	0	650000	ANT5	135	138	1	DSI2	15.00	13.81	0.06	0.233	1.315	0.31
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	650000	ANT5	135	138	1	DSI2	15.00	13.81	0.08	0.287	1.315	**0.38**
	NR N77 PC2	DFT-s-OFDM QPSK100M	Left Side	0	650000	ANT5	135	138	1	DSI2	15.00	13.64	-0.03	0.142	1.368	0.19
	NR N77 PC3	DFT-s-OFDM QPSK100M	Left Side	0	650000	ANT5	135	138	2	DSI2	15.00	13.81	-0.09	0.278	1.315	0.37
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	650000	ANT5+3	1	1	1	DSI2	18.00	17.64	-0.16	0.960	1.086	1.04
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	650000	ANT5+3	1	1	1	DSI2	18.00	17.64	0.14	0.676	1.086	0.73
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	650000	ANT5+3	137	0	1	DSI2	18.00	17.36	0.15	0.947	1.159	**1.10**
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	650000	ANT5+3	137	0	1	DSI2	18.00	17.36	0.05	0.684	1.159	0.79
	NR N77 MIMO PC2	CP-OFDM QPSK100M	Rear Face	0	650000	ANT5+3	137	0	1	DSI2	18.00	17.57	0.19	0.489	1.104	0.54
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	650000	ANT5+3	137	0	2	DSI2	18.00	17.36	0.01	0.140	1.159	0.16
	NR N77 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	650000	ANT5+3	137	0	2	DSI2	18.00	17.36	0.14	0.676	1.159	0.78
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	1	DSI2	20.50	19.67	-0.08	1.090	1.211	**1.32**
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	135	0	1	DSI2	20.50	19.54	-0.16	0.931	1.247	1.16
	NR N78 PC2	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	1	DSI2	20.50	19.64	-0.08	0.501	1.219	0.61
	NR N78 PC3	DFT-s-OFDM QPSK100M	Left Side	0	633334	ANT5	1	1	2	DSI2	20.50	19.67	0.13	0.844	1.211	1.02
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	1	1	1	DSI2	18.00	17.44	0.15	1.230	1.138	1.40
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	1	1	1	DSI2	18.00	17.44	-0.03	0.659	1.138	0.75
P91	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	0	1	DSI2	18.00	17.25	-0.09	1.360	1.189	**1.62**
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	137	0	1	DSI2	18.00	17.25	0.05	0.717	1.189	0.85
	NR N78 MIMO PC2	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	0	1	DSI2	18.00	17.25	0.12	0.795	1.189	0.94
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Rear Face	0	633334	ANT5+3	137	0	2	DSI2	18.00	17.25	0.17	0.154	1.189	0.18
	NR N78 MIMO PC3	CP-OFDM QPSK100M	Left Side	0	633334	ANT5+3	137	0	2	DSI2	18.00	17.25	-0.10	0.600	1.189	0.71

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Channel	Ant	Sample	Power Reduction	Duty Cycle	Maximum Tune-up (dBm)	Conducted Power (dBm)	Power Drift	SAR 10g	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled 10g SAR
	WLAN5G	802.11a	Front Face	0	52	ANT5	1	Full	99.34	17.00	15.50	-0.19	0.279	1.007	1.413	0.40
	WLAN5G	802.11a	Rear Face	0	52	ANT5	1	Full	99.34	17.00	15.50	-0.02	0.157	1.007	1.413	0.22
	WLAN5G	802.11a	Left Side	0	52	ANT5	1	Full	99.34	17.00	15.50	0.15	0.307	1.007	1.413	0.44
	WLAN5G	802.11a	Left Side	0	56	ANT5	1	Full	99.34	16.00	15.22	0.15	0.361	1.007	1.197	0.43
	WLAN5G	802.11a	Left Side	0	60	ANT5	1	Full	99.34	16.00	15.21	0.20	0.338	1.007	1.199	0.41
	WLAN5G	802.11a	Left Side	0	64	ANT5	1	Full	99.34	16.00	15.03	0.09	0.356	1.007	1.250	**0.45**
	WLAN5G	802.11a	Left Side	0	64	ANT5	2	Full	99.34	16.00	15.03	-0.18	0.348	1.007	1.250	0.44
	WLAN5G	802.11a	Front Face	0	64	ANT6	1	Full	99.34	16.00	15.00	0.07	0.129	1.007	1.259	0.16
	WLAN5G	802.11a	Rear Face	0	64	ANT6	1	Full	99.34	16.00	15.00	-0.03	0.156	1.007	1.259	0.20
	WLAN5G	802.11a	Left Side	0	64	ANT6	1	Full	99.34	16.00	15.00	-0.18	0.028	1.007	1.259	0.04
	WLAN5G	802.11a	Right Side	0	64	ANT6	1	Full	99.34	16.00	15.00	-0.12	0.025	1.007	1.259	0.03
	WLAN5G	802.11a	Top Side	0	64	ANT6	1	Full	99.34	16.00	15.00	-0.11	0.260	1.007	1.259	0.33
	WLAN5G	802.11a	Top Side	0	52	ANT6	1	Full	99.34	15.00	14.50	-0.13	0.317	1.007	1.123	0.36
P92	WLAN5G	802.11a	Top Side	0	56	ANT6	1	Full	99.34	16.00	14.51	0.06	0.336	1.007	1.409	**0.48**
	WLAN5G	802.11a	Top Side	0	60	ANT6	1	Full	99.34	16.00	14.67	0.03	0.308	1.007	1.358	0.42
	WLAN5G	802.11a	Top Side	0	56	ANT6	2	Full	99.34	16.00	14.51	-0.07	0.315	1.007	1.409	0.45
	WLAN5G	802.11a	Front Face	0	52	ANT5+6	1	Full	99.34	19.00	18.30	0.01	0.261	1.007	1.175	0.31
	WLAN5G	802.11a	Rear Face	0	52	ANT5+6	1	Full	99.34	19.00	18.30	-0.18	0.177	1.007	1.175	0.21
	WLAN5G	802.11a	Left Side	0	52	ANT5+6	1	Full	99.34	19.00	18.30	0.03	0.341	1.007	1.175	0.40
	WLAN5G	802.11a	Right Side	0	52	ANT5+6	1	Full	99.34	19.00	18.30	0.05	0.038	1.007	1.175	0.04
	WLAN5G	802.11a	Top Side	0	52	ANT5+6	1	Full	99.34	19.00	18.30	0.13	0.335	1.007	1.175	0.40
	WLAN5G	802.11a	Left Side	0	56	ANT5+6	1	Full	99.34	19.00	18.24	0.09	0.337	1.007	1.191	0.40
	WLAN5G	802.11a	Left Side	0	60	ANT5+6	1	Full	99.34	19.00	18.19	-0.19	0.338	1.007	1.205	0.41
	WLAN5G	802.11a	Left Side	0	64	ANT5+6	1	Full	99.34	19.00	18.22	-0.07	0.345	1.007	1.197	**0.42**
	WLAN5G	802.11a	Left Side	0	64	ANT5+6	2	Full	99.34	19.00	18.22	0.05	0.317	1.007	1.197	0.38
	WLAN5G	802.11a	Front Face	0	140	ANT5	1	Full	99.34	16.00	15.15	-0.14	0.218	1.007	1.216	0.27
	WLAN5G	802.11a	Rear Face	0	140	ANT5	1	Full	99.34	16.00	15.15	-0.18	0.072	1.007	1.216	0.09
P93	WLAN5G	802.11a	Left Side	0	140	ANT5	1	Full	99.34	16.00	15.15	0.14	0.407	1.007	1.216	**0.50**
	WLAN5G	802.11a	Left Side	0	100	ANT5	1	Full	99.34	16.00	14.91	0.06	0.362	1.007	1.285	0.47
	WLAN5G	802.11a	Left Side	0	116	ANT5	1	Full	99.34	16.00	14.94	-0.16	0.374	1.007	1.277	0.48
	WLAN5G	802.11a	Left Side	0	124	ANT5	1	Full	99.34	16.00	15.02	-0.19	0.367	1.007	1.253	0.46
	WLAN5G	802.11a	Left Side	0	140	ANT5	2	Full	99.34	16.00	15.15	0.18	0.347	1.007	1.216	0.42
	WLAN5G	802.11a	Front Face	0	140	ANT6	1	Full	99.34	17.00	15.56	0.09	0.108	1.007	1.393	0.15
	WLAN5G	802.11a	Rear Face	0	140	ANT6	1	Full	99.34	17.00	15.56	0.10	0.093	1.007	1.393	0.13
	WLAN5G	802.11a	Left Side	0	140	ANT6	1	Full	99.34	17.00	15.56	-0.13	0.048	1.007	1.393	0.07
	WLAN5G	802.11a	Right Side	0	140	ANT6	1	Full	99.34	17.00	15.56	0.03	0.027	1.007	1.393	0.04
	WLAN5G	802.11a	Top Side	0	140	ANT6	1	Full	99.34	17.00	15.56	0.17	0.278	1.007	1.393	**0.39**
	WLAN5G	802.11a	Top Side	0	100	ANT6	1	Full	99.34	16.00	15.26	0.02	0.229	1.007	1.185	0.27
	WLAN5G	802.11a	Top Side	0	116	ANT6	1	Full	99.34	16.00	14.79	-0.14	0.202	1.007	1.322	0.27
	WLAN5G	802.11a	Top Side	0	124	ANT6	1	Full	99.34	16.00	15.13	-0.04	0.245	1.007	1.222	0.30
	WLAN5G	802.11a	Top Side	0	140	ANT6	2	Full	99.34	17.00	15.56	-0.02	0.218	1.007	1.393	0.31
	WLAN5G	802.11a	Front Face	0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.09	0.202	1.007	1.400	0.28
	WLAN5G	802.11a	Rear Face	0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.17	0.095	1.007	1.400	0.13
	WLAN5G	802.11a	Left Side	0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.06	0.302	1.007	1.400	0.43
	WLAN5G	802.11a	Right Side	0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.01	0.034	1.007	1.400	0.05
	WLAN5G	802.11a	Top Side	0	140	ANT5+6	1	Full	99.34	20.00	18.54	-0.20	0.321	1.007	1.400	0.45
	WLAN5G	802.11a	Left Side	0	100	ANT5+6	1	Full	99.34	19.00	18.33	-0.19	0.411	1.007	1.167	**0.48**
	WLAN5G	802.11a	Left Side	0	116	ANT5+6	1	Full	99.34	19.00	18.05	-0.11	0.350	1.007	1.245	0.44
	WLAN5G	802.11a	Left Side	0	124	ANT5+6	1	Full	99.34	19.00	18.21	0.12	0.368	1.007	1.199	0.44
	WLAN5G	802.11a	Left Side	0	100	ANT5+6	2	Full	99.34	19.00	18.33	-0.10	0.389	1.007	1.167	0.46

Appendix F. Simultaneous Multi-band Transmission Evaluation

The simultaneous transmission evaluation and analysis is shown as below.

< Head Exposure Condition >

	Exposure Position	1 WWAN 1g SAR (W/kg)	2 WLAN2.4G ANT5 1g SAR (W/kg)	3 WLAN2.4G ANT6 1g SAR (W/kg)	4 WLAN2.4G 1g SAR (W/kg)	5 WLAN5G ANT5 1g SAR (W/kg)	6 WLAN5G Ant6 1g SAR (W/kg)	7 WLAN5G 1g SAR (W/kg)	8 BT 1g SAR (W/kg)	1+2+6 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+3+5+8 Summed 1g SAR (W/kg)	1+7+8 Summed 1g SAR (W/kg)
GSM850	Right Cheek	0.12	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.74**	**0.31**	**0.32**	**0.67**
	Right Tilted	0.09	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.45**	**0.28**	**0.67**
	Left Cheek	0.16	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.60**	**0.35**	**0.63**	**0.82**
	Left Tilted	0.07	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.32**	**0.26**	**0.23**	**0.33**
GSM1900	Right Cheek	0.12	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.74**	**0.31**	**0.31**	**0.67**
	Right Tilted	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.71**	**0.42**	**0.25**	**0.64**
	Left Cheek	0.23	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.67**	**0.43**	**0.71**	**0.90**
	Left Tilted	0.06	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.31**	**0.25**	**0.22**	**0.32**
WCDMA II	Right Cheek	0.24	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.86**	**0.43**	**0.44**	**0.79**
	Right Tilted	0.13	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.79**	**0.49**	**0.32**	**0.71**
	Left Cheek	0.48	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.92**	**0.68**	**0.96**	**1.14**
	Left Tilted	0.12	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.37**	**0.31**	**0.28**	**0.38**
WCDMA IV	Right Cheek	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.72**	**0.29**	**0.30**	**0.65**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.73**	**0.44**	**0.27**	**0.66**
	Left Cheek	0.20	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.65**	**0.40**	**0.68**	**0.87**
	Left Tilted	0.11	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.36**	**0.29**	**0.26**	**0.36**
WCDMA V	Right Cheek	0.17	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.79**	**0.36**	**0.37**	**0.72**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.45**	**0.27**	**0.66**
	Left Cheek	0.11	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.55**	**0.30**	**0.59**	**0.77**
	Left Tilted	0.07	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.32**	**0.26**	**0.23**	**0.33**
LTE Band 2	Right Cheek	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.72**	**0.28**	**0.29**	**0.64**
	Right Tilted	0.05	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.71**	**0.42**	**0.24**	**0.63**
	Left Cheek	0.20	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.64**	**0.40**	**0.68**	**0.87**
	Left Tilted	0.06	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.31**	**0.25**	**0.22**	**0.32**
LTE Band 5	Right Cheek	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.77**	**0.33**	**0.34**	**0.69**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.45**	**0.27**	**0.66**
	Left Cheek	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.57**	**0.32**	**0.60**	**0.79**
	Left Tilted	0.08	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.33**	**0.26**	**0.23**	**0.33**
LTE Band 7	Right Cheek	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.71**	**0.28**	**0.28**	**0.64**
	Right Tilted	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.72**	**0.43**	**0.25**	**0.64**
	Left Cheek	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.57**	**0.32**	**0.60**	**0.79**
	Left Tilted	0.12	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.37**	**0.30**	**0.27**	**0.37**
LTE Band 12/17	Right Cheek	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.71**	**0.27**	**0.28**	**0.63**
	Right Tilted	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.66**	**0.36**	**0.19**	**0.58**
	Left Cheek	0.10	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.54**	**0.29**	**0.58**	**0.76**
	Left Tilted	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.25**	**0.19**	**0.16**	**0.26**
LTE Band 13	Right Cheek	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.73**	**0.29**	**0.30**	**0.65**
	Right Tilted	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.72**	**0.43**	**0.26**	**0.65**
	Left Cheek	0.11	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.55**	**0.31**	**0.59**	**0.78**
	Left Tilted	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.25**	**0.19**	**0.16**	**0.26**
LTE Band 41/38	Right Cheek	0.03	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.65**	**0.21**	**0.22**	**0.57**
	Right Tilted	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.66**	**0.36**	**0.19**	**0.58**
	Left Cheek	0.05	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.49**	**0.24**	**0.53**	**0.71**
	Left Tilted	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.25**	**0.19**	**0.16**	**0.26**
LTE Band 48	Right Cheek	0.17	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.79**	**0.36**	**0.36**	**0.71**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.44**	**0.27**	**0.66**
	Left Cheek	0.35	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.79**	**0.54**	**0.82**	**1.01**
	Left Tilted	0.04	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.29**	**0.23**	**0.20**	**0.30**
LTE Band 66/4	Right Cheek	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.72**	**0.29**	**0.30**	**0.65**
	Right Tilted	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.73**	**0.43**	**0.26**	**0.65**
	Left Cheek	0.18	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.62**	**0.38**	**0.66**	**0.85**
	Left Tilted	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.35**	**0.29**	**0.26**	**0.36**
LTE Band 71	Right Cheek	0.06	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.68**	**0.25**	**0.26**	**0.61**
	Right Tilted	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.66**	**0.36**	**0.19**	**0.58**
	Left Cheek	0.09	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.53**	**0.28**	**0.56**	**0.75**
	Left Tilted	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.25**	**0.19**	**0.16**	**0.26**
NR N5	Right Cheek	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.77**	**0.33**	**0.34**	**0.69**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.44**	**0.27**	**0.66**
	Left Cheek	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.57**	**0.32**	**0.60**	**0.79**
	Left Tilted	0.08	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.33**	**0.26**	**0.23**	**0.33**
NR N7	Right Cheek	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.71**	**0.27**	**0.28**	**0.63**
	Right Tilted	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.72**	**0.43**	**0.26**	**0.65**
	Left Cheek	0.12	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.56**	**0.32**	**0.60**	**0.79**
	Left Tilted	0.12	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.37**	**0.31**	**0.27**	**0.37**
NR N25/2	Right Cheek	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.77**	**0.34**	**0.35**	**0.70**
	Right Tilted	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.74**	**0.44**	**0.27**	**0.66**
	Left Cheek	0.36	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.80**	**0.55**	**0.83**	**1.02**
	Left Tilted	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.34**	**0.27**	**0.24**	**0.34**
NR N38	Right Cheek	0.26	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.88**	**0.45**	**0.46**	**0.81**
	Right Tilted	0.23	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.88**	**0.59**	**0.42**	**0.81**
	Left Cheek	0.69	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**1.13**	**0.88**	**1.16**	**1.35**
	Left Tilted	0.43	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.68**	**0.62**	**0.58**	**0.68**
NR N41	Right Cheek	0.34	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.96**	**0.53**	**0.53**	**0.89**
	Right Tilted	0.26	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.91**	**0.62**	**0.45**	**0.84**
	Left Cheek	0.45	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.89**	**0.64**	**0.92**	**1.11**
	Left Tilted	0.31	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.56**	**0.50**	**0.46**	**0.56**
NR N48	Right Cheek	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.71**	**0.28**	**0.29**	**0.64**
	Right Tilted	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.70**	**0.41**	**0.23**	**0.62**
	Left Cheek	0.29	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.74**	**0.49**	**0.77**	**0.96**
	Left Tilted	0.05	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.30**	**0.24**	**0.21**	**0.31**
NR N66	Right Cheek	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.71**	**0.28**	**0.29**	**0.64**
	Right Tilted	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.72**	**0.43**	**0.26**	**0.65**
	Left Cheek	0.18	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.62**	**0.37**	**0.65**	**0.84**
	Left Tilted	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.34**	**0.28**	**0.25**	**0.35**
NR N71	Right Cheek	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**0.72**	**0.28**	**0.29**	**0.64**
	Right Tilted	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.66**	**0.36**	**0.19**	**0.58**
	Left Cheek	0.07	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**0.52**	**0.27**	**0.55**	**0.74**
	Left Tilted	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.25**	**0.19**	**0.16**	**0.26**
NR N77	Right Cheek	0.57	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**1.19**	**0.75**	**0.76**	**1.11**
	Right Tilted	0.35	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**1.01**	**0.72**	**0.54**	**0.93**
	Left Cheek	0.60	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**1.04**	**0.79**	**1.07**	**1.26**
	Left Tilted	0.14	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.39**	**0.33**	**0.29**	**0.39**
NR N78	Right Cheek	0.44	0.15	0.08	0.19	0.06	0.47	0.49	0.06	**1.06**	**0.63**	**0.64**	**0.99**
	Right Tilted	0.23	0.09	0.12	0.36	0.07	0.56	0.58	0.00	**0.88**	**0.59**	**0.42**	**0.81**
	Left Cheek	0.76	0.24	0.04	0.19	0.24	0.20	0.46	0.20	**1.20**	**0.95**	**1.24**	**1.42**
	Left Tilted	0.12	0.06	0.05	0.19	0.05	0.19	0.20	0.06	**0.37**	**0.31**	**0.28**	**0.38**

< Body Worn Exposure Condition >

	Exposure Position	1	2	3	4	5	6	7	8	1+2+6	1+4	1+3+5+8	1+7+8
		WWAN	WLAN2.4G ANT5	WLAN2.4G ANT6	WLAN2.4G	WLAN5G ANT5	WLAN5G Ant6	WLAN5G	BT	Summed	Summed	Summed	Summed
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM850	Front at 10mm -	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.27**	**0.18**	**0.48**	**0.37**
	Back at 10mm -	0.30	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.70**	**0.74**	**0.80**	**0.54**
GSM1900	Front at 10mm -	0.23	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.41**	**0.31**	**0.62**	**0.51**
	Back at 10mm -	0.30	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.70**	**0.74**	**0.81**	**0.55**
WCDMA II	Front at 10mm -	0.00	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.18**	**0.09**	**0.39**	**0.28**
	Back at 10mm -	0.59	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.99**	**1.03**	**1.09**	**0.83**
WCDMA IV	Front at 10mm -	0.00	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.18**	**0.09**	**0.39**	**0.28**
	Back at 10mm -	0.53	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.93**	**0.97**	**1.03**	**0.77**
WCDMA V	Front at 10mm -	0.00	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.18**	**0.09**	**0.39**	**0.28**
	Back at 10mm -	0.40	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.80**	**0.84**	**0.90**	**0.64**
LTE Band 2	Front at 10mm -	0.30	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.49**	**0.39**	**0.69**	**0.58**
	Back at 10mm -	0.32	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.72**	**0.76**	**0.82**	**0.56**
LTE Band 5	Front at 10mm -	0.10	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.28**	**0.18**	**0.49**	**0.37**
	Back at 10mm -	0.43	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.83**	**0.87**	**0.93**	**0.67**
LTE Band 7	Front at 10mm -	0.21	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.39**	**0.29**	**0.60**	**0.49**
	Back at 10mm -	0.50	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.90**	**0.94**	**1.00**	**0.74**
LTE Band 12/17	Front at 10mm -	0.10	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.28**	**0.19**	**0.49**	**0.38**
	Back at 10mm -	0.17	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.57**	**0.61**	**0.67**	**0.41**
LTE Band 13	Front at 10mm -	0.10	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.28**	**0.18**	**0.49**	**0.37**
	Back at 10mm -	0.19	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.59**	**0.63**	**0.69**	**0.44**
LTE Band 41/38	Front at 10mm -	0.18	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.37**	**0.27**	**0.57**	**0.46**
	Back at 10mm -	0.55	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.95**	**0.99**	**1.06**	**0.80**
LTE Band 48	Front at 10mm -	0.20	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.38**	**0.29**	**0.59**	**0.48**
	Back at 10mm -	0.38	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.78**	**0.82**	**0.89**	**0.63**
LTE Band 66/4	Front at 10mm -	0.23	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.42**	**0.32**	**0.62**	**0.51**
	Back at 10mm -	0.30	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.70**	**0.74**	**0.80**	**0.55**
LTE Band 71	Front at 10mm -	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.27**	**0.17**	**0.48**	**0.36**
	Back at 10mm -	0.15	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.55**	**0.59**	**0.65**	**0.39**
NR N5	Front at 10mm -	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.27**	**0.17**	**0.48**	**0.37**
	Back at 10mm -	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.77**	**0.81**	**0.87**	**0.62**
NR N7	Front at 10mm -	0.26	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.45**	**0.35**	**0.65**	**0.54**
	Back at 10mm -	0.60	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.00**	**1.04**	**1.11**	**0.85**
NR N25/2	Front at 10mm -	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.48**	**0.38**	**0.68**	**0.57**
	Back at 10mm -	0.36	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.76**	**0.80**	**0.87**	**0.61**
NR N38	Front at 10mm -	0.28	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.47**	**0.37**	**0.67**	**0.56**
	Back at 10mm -	0.67	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.07**	**1.11**	**1.18**	**0.92**
NR N41	Front at 10mm -	0.41	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.60**	**0.50**	**0.80**	**0.69**
	Back at 10mm -	0.64	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.04**	**1.08**	**1.14**	**0.89**
NR N48	Front at 10mm -	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.47**	**0.38**	**0.68**	**0.57**
	Back at 10mm -	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.76**	**0.79**	**0.86**	**0.60**
NR N66	Front at 10mm -	0.22	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.40**	**0.31**	**0.61**	**0.50**
	Back at 10mm -	0.44	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.84**	**0.88**	**0.94**	**0.68**
NR N71	Front at 10mm -	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.27**	**0.17**	**0.48**	**0.37**
	Back at 10mm -	0.17	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.57**	**0.61**	**0.67**	**0.42**
NR N77	Front at 10mm -	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.47**	**0.38**	**0.68**	**0.57**
	Back at 10mm -	0.60	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.00**	**1.04**	**1.10**	**0.84**
NR N78	Front at 10mm -	0.22	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.40**	**0.30**	**0.61**	**0.50**
	Back at 10mm -	0.67	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.07**	**1.11**	**1.17**	**0.91**

< Hotspot Exposure Condition >

	Exposure Position	1	2	3	4	5	6	7	8	1+2+6 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)	1+3+5+8 Summed 1g SAR (W/kg)	1+7+8 Summed 1g SAR (W/kg)
		WWAN	WLAN2.4G ANT5	WLAN2.4G ANT6	WLAN2.4G	WLAN5G ANT5	WLAN5G Ant6	WLAN5G	BT				
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
GSM850	Front at 10mm -	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.33**	**0.18**	**0.42**	**0.38**
	Back at 10mm -	0.30	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.69**	**0.74**	**0.76**	**0.50**
	Left side at 10mm -	0.07	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.51**	**0.15**	**0.52**	**0.59**
	Right side at 10mm -	0.15		0.05	0.00		0.14	0.08		**0.29**	**0.15**	**0.19**	**0.23**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.27								**0.27**	**0.27**	**0.27**	**0.27**
GSM1900	Front at 10mm -	0.23	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.46**	**0.31**	**0.55**	**0.52**
	Back at 10mm -	0.30	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.69**	**0.74**	**0.77**	**0.51**
	Left side at 10mm -	0.26	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.70**	**0.34**	**0.71**	**0.78**
	Right side at 10mm -	0.06		0.05	0.00		0.14	0.08		**0.20**	**0.06**	**0.10**	**0.14**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.21								**0.21**	**0.21**	**0.21**	**0.21**
WCDMA II	Front at 10mm -	0.00	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.23**	**0.09**	**0.33**	**0.29**
	Back at 10mm -	0.59	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.98**	**1.03**	**1.05**	**0.79**
	Left side at 10mm -	0.40	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.84**	**0.48**	**0.85**	**0.92**
	Right side at 10mm -	0.08		0.05	0.00		0.14	0.08		**0.22**	**0.08**	**0.12**	**0.16**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.32								**0.32**	**0.32**	**0.32**	**0.32**
WCDMA IV	Front at 10mm -	0.00	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.23**	**0.09**	**0.33**	**0.29**
	Back at 10mm -	0.53	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.92**	**0.97**	**0.99**	**0.73**
	Left side at 10mm -	0.15	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.60**	**0.23**	**0.60**	**0.67**
	Right side at 10mm -	0.14		0.05	0.00		0.14	0.08		**0.28**	**0.14**	**0.18**	**0.22**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.23								**0.23**	**0.23**	**0.23**	**0.23**
WCDMA V	Front at 10mm -	0.00	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.23**	**0.09**	**0.33**	**0.29**
	Back at 10mm -	0.40	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.79**	**0.84**	**0.86**	**0.60**
	Left side at 10mm -	0.05	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.50**	**0.13**	**0.51**	**0.57**
	Right side at 10mm -	0.08		0.05	0.00		0.14	0.08		**0.23**	**0.08**	**0.13**	**0.16**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.24								**0.24**	**0.24**	**0.24**	**0.24**
LTE Band 2	Front at 10mm -	0.30	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.54**	**0.39**	**0.63**	**0.59**
	Back at 10mm -	0.32	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.71**	**0.76**	**0.78**	**0.52**
	Left side at 10mm -	0.31	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.75**	**0.39**	**0.76**	**0.83**
	Right side at 10mm -	0.08		0.05	0.00		0.14	0.08		**0.22**	**0.08**	**0.12**	**0.16**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.18								**0.18**	**0.18**	**0.18**	**0.18**
LTE Band 5	Front at 10mm -	0.10	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.33**	**0.18**	**0.42**	**0.39**
	Back at 10mm -	0.43	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.82**	**0.87**	**0.89**	**0.63**
	Left side at 10mm -	0.00	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.45**	**0.08**	**0.45**	**0.52**
	Right side at 10mm -	0.09		0.05	0.00		0.14	0.08		**0.24**	**0.09**	**0.14**	**0.17**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.23								**0.23**	**0.23**	**0.23**	**0.23**
LTE Band 7	Front at 10mm -	0.21	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.44**	**0.29**	**0.54**	**0.50**
	Back at 10mm -	0.50	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.89**	**0.94**	**0.96**	**0.70**
	Left side at 10mm -	0.32	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.76**	**0.40**	**0.77**	**0.84**
	Right side at 10mm -	0.14		0.05	0.00		0.14	0.08		**0.29**	**0.14**	**0.19**	**0.22**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.48								**0.48**	**0.48**	**0.48**	**0.48**
LTE Band 12/17	Front at 10mm -	0.10	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.33**	**0.19**	**0.43**	**0.39**
	Back at 10mm -	0.17	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.56**	**0.61**	**0.63**	**0.37**
	Left side at 10mm -	0.10	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.54**	**0.18**	**0.55**	**0.62**
	Right side at 10mm -	0.15		0.05	0.00		0.14	0.08		**0.29**	**0.15**	**0.20**	**0.23**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.12								**0.12**	**0.12**	**0.12**	**0.12**
LTE Band 13	Front at 10mm -	0.10	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.33**	**0.18**	**0.42**	**0.39**
	Back at 10mm -	0.19	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.58**	**0.63**	**0.65**	**0.39**
	Left side at 10mm -	0.08	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.52**	**0.16**	**0.53**	**0.60**
	Right side at 10mm -	0.12		0.05	0.00		0.14	0.08		**0.26**	**0.12**	**0.17**	**0.20**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.15								**0.15**	**0.15**	**0.15**	**0.15**
LTE Band 41/38	Front at 10mm -	0.18	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.42**	**0.27**	**0.51**	**0.47**
	Back at 10mm -	0.55	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.94**	**0.99**	**1.01**	**0.76**
	Left side at 10mm -	0.15	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.59**	**0.23**	**0.60**	**0.67**
	Right side at 10mm -	0.11		0.05	0.00		0.14	0.08		**0.25**	**0.11**	**0.15**	**0.19**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.53								**0.53**	**0.53**	**0.53**	**0.53**
LTE Band 48	Front at 10mm -	0.20	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.44**	**0.29**	**0.53**	**0.49**
	Back at 10mm -	0.30	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.69**	**0.74**	**0.76**	**0.50**
	Left side at 10mm -	0.44	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.88**	**0.52**	**0.89**	**0.96**
	Right side at 10mm -			0.05	0.00		0.14	0.08		**0.14**	**0.00**	**0.05**	**0.08**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -									**0.00**	**0.00**	**0.00**	**0.00**
LTE Band 66/4	Front at 10mm -	0.23	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.47**	**0.32**	**0.56**	**0.52**
	Back at 10mm -	0.30	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.69**	**0.74**	**0.76**	**0.50**
	Left side at 10mm -	0.19	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.63**	**0.27**	**0.64**	**0.71**
	Right side at 10mm -	0.12		0.05	0.00		0.14	0.08		**0.27**	**0.12**	**0.17**	**0.20**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.25								**0.25**	**0.25**	**0.25**	**0.25**
LTE Band 71	Front at 10mm -	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.32**	**0.17**	**0.41**	**0.38**
	Back at 10mm -	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.54**	**0.59**	**0.61**	**0.35**
	Left side at 10mm -	0.08	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.53**	**0.16**	**0.54**	**0.60**
	Right side at 10mm -	0.14		0.05	0.00		0.14	0.08		**0.28**	**0.14**	**0.18**	**0.22**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.07								**0.07**	**0.07**	**0.07**	**0.07**

NR N5	Front at 10mm -	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.32**	**0.17**	**0.41**	**0.38**
	Back at 10mm -	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.76**	**0.81**	**0.83**	**0.57**
	Left side at 10mm -	0.06	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.51**	**0.14**	**0.52**	**0.58**
	Right side at 10mm -	0.11		0.05	0.00		0.14	0.08		**0.25**	**0.11**	**0.16**	**0.19**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.22								**0.22**	**0.22**	**0.22**	**0.22**
NR N7	Front at 10mm -	0.26	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.50**	**0.35**	**0.59**	**0.55**
	Back at 10mm -	0.60	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.99**	**1.04**	**1.07**	**0.81**
	Left side at 10mm -	0.31	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.75**	**0.39**	**0.76**	**0.83**
	Right side at 10mm -	0.15		0.05	0.00		0.14	0.08		**0.29**	**0.15**	**0.19**	**0.23**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.56								**0.56**	**0.56**	**0.56**	**0.56**
NR N25/2	Front at 10mm -	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.53**	**0.38**	**0.62**	**0.58**
	Back at 10mm -	0.36	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.75**	**0.80**	**0.82**	**0.57**
	Left side at 10mm -	0.33	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.77**	**0.41**	**0.78**	**0.85**
	Right side at 10mm -	0.12		0.05	0.00		0.14	0.08		**0.26**	**0.12**	**0.16**	**0.19**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.22								**0.22**	**0.22**	**0.22**	**0.22**
NR N38	Front at 10mm -	0.28	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.52**	**0.37**	**0.61**	**0.57**
	Back at 10mm -	0.67	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**1.06**	**1.11**	**1.13**	**0.88**
	Left side at 10mm -		0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.45**	**0.08**	**0.45**	**0.52**
	Right side at 10mm -	0.50		0.05	0.00		0.14	0.08		**0.64**	**0.50**	**0.55**	**0.58**
	Top side at 10mm -	0.26		0.12	0.32		0.31	0.25		**0.58**	**0.59**	**0.38**	**0.51**
	Bottom side at 10mm -									**0.00**	**0.00**	**0.00**	**0.00**
NR N41	Front at 10mm -	0.41	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.65**	**0.50**	**0.74**	**0.70**
	Back at 10mm -	0.64	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**1.03**	**1.08**	**1.10**	**0.84**
	Left side at 10mm -		0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.45**	**0.08**	**0.45**	**0.52**
	Right side at 10mm -	1.29		0.05	0.00		0.14	0.08		**1.44**	**1.29**	**1.34**	**1.37**
	Top side at 10mm -	0.32		0.12	0.32		0.31	0.25		**0.63**	**0.64**	**0.44**	**0.57**
	Bottom side at 10mm -	0.19								**0.19**	**0.19**	**0.19**	**0.19**
NR N48	Front at 10mm -	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.52**	**0.37**	**0.61**	**0.58**
	Back at 10mm -	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.74**	**0.79**	**0.82**	**0.56**
	Left side at 10mm -	0.57	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**1.01**	**0.65**	**1.02**	**1.09**
	Right side at 10mm -			0.05	0.00		0.14	0.08		**0.14**	**0.00**	**0.05**	**0.08**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -									**0.00**	**0.00**	**0.00**	**0.00**
NR N66	Front at 10mm -	0.22	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.46**	**0.31**	**0.55**	**0.51**
	Back at 10mm -	0.42	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.81**	**0.86**	**0.88**	**0.62**
	Left side at 10mm -	0.18	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.62**	**0.26**	**0.63**	**0.70**
	Right side at 10mm -	0.12		0.05	0.00		0.14	0.08		**0.26**	**0.12**	**0.16**	**0.19**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.46								**0.46**	**0.46**	**0.46**	**0.46**
NR N71	Front at 10mm -	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.32**	**0.18**	**0.42**	**0.38**
	Back at 10mm -	0.17	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.56**	**0.61**	**0.63**	**0.37**
	Left side at 10mm -	0.09	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**0.54**	**0.17**	**0.55**	**0.61**
	Right side at 10mm -	0.15		0.05	0.00		0.14	0.08		**0.29**	**0.15**	**0.19**	**0.23**
	Top side at 10mm -			0.12	0.32		0.31	0.25		**0.31**	**0.32**	**0.12**	**0.25**
	Bottom side at 10mm -	0.08								**0.08**	**0.08**	**0.08**	**0.08**
NR N77	Front at 10mm -	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.52**	**0.38**	**0.62**	**0.58**
	Back at 10mm -	0.60	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**0.99**	**1.04**	**1.06**	**0.80**
	Left side at 10mm -	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**1.10**	**0.73**	**1.10**	**1.17**
	Right side at 10mm -			0.05	0.00		0.14	0.08		**0.14**	**0.00**	**0.05**	**0.08**
	Top side at 10mm -	0.32		0.12	0.32		0.31	0.25		**0.64**	**0.65**	**0.44**	**0.57**
	Bottom side at 10mm -									**0.00**	**0.00**	**0.00**	**0.00**
NR N78	Front at 10mm -	0.22	0.07	0.06	0.09	0.17	0.17	0.19	0.10	**0.45**	**0.30**	**0.54**	**0.51**
	Back at 10mm -	0.67	0.13	0.35	0.44	0.12	0.26	0.20	0.00	**1.06**	**1.11**	**1.13**	**0.87**
	Left side at 10mm -	0.80	0.33	0.05	0.08	0.28	0.11	0.40	0.12	**1.25**	**0.88**	**1.26**	**1.32**
	Right side at 10mm -			0.05	0.00		0.14	0.08		**0.14**	**0.00**	**0.05**	**0.08**
	Top side at 10mm -	0.28		0.12	0.32		0.31	0.25		**0.59**	**0.60**	**0.40**	**0.53**
	Bottom side at 10mm -									**0.00**	**0.00**	**0.00**	**0.00**

<Extremity Exposure Condition >

	Exposure Position	1 WWAN 10g SAR (W/kg)	2 WLAN2.4G ANT5 10g SAR (W/kg)	3 WLAN2.4G ANT6 10g SAR (W/kg)	4 WLAN2.4G 10g SAR (W/kg)	5 WLAN5G ANT5 10g SAR (W/kg)	6 WLAN5G Ant6 10g SAR (W/kg)	7 WLAN5G 10g SAR (W/kg)	8 BT 10g SAR (W/kg)	1+2+6 Summed 10g SAR (W/kg)	1+4 Summed 10g SAR (W/kg)	1+3+5+8 Summed 10g SAR (W/kg)	1+7+8 Summed 10g SAR (W/kg)
NR N38	Front at 10mm -					0.40	0.16	0.31		0.16	0.00	0.40	0.31
	Back at 10mm -	1.08				0.22	0.20	0.21		1.28	1.08	1.30	1.29
	Left side at 10mm -					0.50	0.07	0.48		0.07	0.00	0.50	0.48
	Right side at 10mm -						0.04	0.05		0.04	0.00	0.00	0.05
	Top side at 10mm -						0.48	0.45		0.48	0.00	0.00	0.45
	Bottom side at 10mm -									0.00	0.00	0.00	0.00
NR N41	Front at 10mm -					0.40	0.16	0.31		0.16	0.00	0.40	0.31
	Back at 10mm -	0.30				0.22	0.20	0.21		0.50	0.30	0.52	0.51
	Left side at 10mm -					0.50	0.07	0.48		0.07	0.00	0.50	0.48
	Right side at 10mm -	1.98					0.04	0.05		2.02	1.98	1.98	2.03
	Top side at 10mm -						0.48	0.45		0.48	0.00	0.00	0.45
	Bottom side at 10mm -									0.00	0.00	0.00	0.00
NR N48	Front at 10mm -					0.40	0.16	0.31		0.16	0.00	0.40	0.31
	Back at 10mm -	0.35				0.22	0.20	0.21		0.55	0.35	0.57	0.56
	Left side at 10mm -	0.49				0.50	0.07	0.48		0.56	0.49	0.99	0.97
	Right side at 10mm -						0.04	0.05		0.04	0.00	0.00	0.05
	Top side at 10mm -						0.48	0.45		0.48	0.00	0.00	0.45
	Bottom side at 10mm -									0.00	0.00	0.00	0.00
NR N77	Front at 10mm -					0.40	0.16	0.31		0.16	0.00	0.40	0.31
	Back at 10mm -	1.68				0.22	0.20	0.21		1.87	1.68	1.90	1.89
	Left side at 10mm -	0.83				0.50	0.07	0.48		0.90	0.83	1.33	1.31
	Right side at 10mm -						0.04	0.05		0.04	0.00	0.00	0.05
	Top side at 10mm -						0.48	0.45		0.48	0.00	0.00	0.45
	Bottom side at 10mm -									0.00	0.00	0.00	0.00
NR N78	Front at 10mm -					0.40	0.16	0.31		0.16	0.00	0.40	0.31
	Back at 10mm -	1.62				0.22	0.20	0.21		1.81	1.62	1.84	1.83
	Left side at 10mm -	1.32				0.50	0.07	0.48		1.39	1.32	1.82	1.80
	Right side at 10mm -						0.04	0.05		0.04	0.00	0.00	0.05
	Top side at 10mm -						0.48	0.45		0.48	0.00	0.00	0.45
	Bottom side at 10mm -									0.00	0.00	0.00	0.00

< Head Exposure Condition >

WWAN Band		Exposure Position	1 LTE 1g SAR (W/kg)	2 NR 1g SAR (W/kg)	3 WLAN2.4G ANT5 1g SAR (W/kg)	4 WLAN2.4G ANT6 1g SAR (W/kg)	5 WLAN2.4G 1g SAR (W/kg)	6 WLAN5G ANT5 1g SAR (W/kg)	7 WLAN5G Ant6 1g SAR (W/kg)	8 WLAN5G 1g SAR (W/kg)	9 BT 1g SAR (W/kg)	1+2+3+7 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+4+6+9 Summed 1g SAR (W/kg)	1+2+3+9 Summed 1g SAR (W/kg)
NR Band n2 Ant2	LTE Band 5 Ant0	Right Cheek	0.15	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.87	0.43	0.44	0.79
		Right Tilted	0.08	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.80	0.50	0.33	0.72
		Left Cheek	0.13	0.57	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.13	0.89	1.17	1.36
		Left Tilted	0.08	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.43	0.36	0.33	0.43
	LTE Band 13 Ant0	Right Cheek	0.10	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.82	0.39	0.40	0.75
		Right Tilted	0.07	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.78	0.49	0.31	0.70
		Left Cheek	0.11	0.57	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.12	0.87	1.15	1.34
		Left Tilted	0.00	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.35	0.29	0.25	0.35
	LTE Band 66 Ant0	Right Cheek	0.10	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.82	0.39	0.40	0.75
		Right Tilted	0.07	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.78	0.49	0.32	0.71
		Left Cheek	0.18	0.57	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.19	0.94	1.22	1.41
		Left Tilted	0.10	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.45	0.39	0.35	0.45
NR Band n2 Ant0	LTE Band 5 Ant2	Right Cheek	0.20	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.98	0.54	0.55	0.90
		Right Tilted	0.18	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.92	0.63	0.45	0.84
		Left Cheek	0.31	0.36	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.11	0.86	1.14	1.33
		Left Tilted	0.26	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.60	0.53	0.50	0.60
NR Band n5 Ant0	LTE Band 2 Ant2	Right Cheek	0.25	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.02	0.58	0.59	0.94
		Right Tilted	0.13	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.87	0.58	0.40	0.79
		Left Cheek	0.38	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.95	0.70	0.99	1.17
		Left Tilted	0.20	0.08	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.53	0.47	0.43	0.53
	LTE Band 12 Ant2	Right Cheek	0.10	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.87	0.43	0.44	0.79
		Right Tilted	0.08	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.81	0.52	0.35	0.74
		Left Cheek	0.20	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.77	0.52	0.80	0.99
		Left Tilted	0.13	0.08	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.46	0.40	0.37	0.47
	LTE Band 66 Ant2	Right Cheek	0.54	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.31	0.88	0.88	1.23
		Right Tilted	0.34	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	1.07	0.78	0.61	1.00
		Left Cheek	0.64	0.13	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.21	0.96	1.24	1.43
		Left Tilted	0.44	0.08	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.76	0.70	0.67	0.77
NR Band n25 Ant2	LTE Band 12 Ant0	Right Cheek	0.08	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.80	0.37	0.38	0.73
		Right Tilted	0.00	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.71	0.42	0.25	0.64
		Left Cheek	0.10	0.57	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.11	0.86	1.14	1.33
		Left Tilted	0.00	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.35	0.29	0.25	0.35
	LTE Band 66 Ant0	Right Cheek	0.10	0.10	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.82	0.39	0.40	0.75
		Right Tilted	0.07	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.78	0.49	0.32	0.71
		Left Cheek	0.18	0.57	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.19	0.94	1.22	1.41
		Left Tilted	0.10	0.10	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.45	0.39	0.35	0.45
NR Band n25 Ant0	LTE Band 12 Ant2	Right Cheek	0.10	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.87	0.44	0.45	0.80
		Right Tilted	0.08	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.81	0.52	0.35	0.74
		Left Cheek	0.20	0.36	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.00	0.75	1.03	1.22
		Left Tilted	0.13	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.47	0.41	0.38	0.48
	LTE Band 48 Ant5	Right Cheek	0.17	0.15	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.94	0.51	0.51	0.87
		Right Tilted	0.08	0.08	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.81	0.52	0.35	0.74
		Left Cheek	0.35	0.36	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.15	0.90	1.18	1.37
		Left Tilted	0.04	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.38	0.32	0.28	0.38
NR Band n41 Ant2	LTE Band 2 Ant1	Right Cheek	0.17	0.18	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.97	0.54	0.54	0.89
		Right Tilted	0.00	0.16	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.82	0.53	0.35	0.74
		Left Cheek	0.06	0.45	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.96	0.71	0.99	1.18
		Left Tilted	0.00	0.31	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.56	0.50	0.46	0.56
	LTE Band 66 Ant1	Right Cheek	0.20	0.18	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.00	0.57	0.57	0.92
		Right Tilted	0.00	0.16	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.82	0.53	0.35	0.74
		Left Cheek	0.08	0.45	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.97	0.72	1.00	1.19
		Left Tilted	0.00	0.31	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.56	0.50	0.46	0.56
	LTE Band 66 Ant0	Right Cheek	0.10	0.18	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.90	0.47	0.48	0.83
		Right Tilted	0.07	0.16	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.89	0.60	0.42	0.81
		Left Cheek	0.18	0.45	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.07	0.83	1.11	1.29
		Left Tilted	0.10	0.31	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.66	0.60	0.56	0.66
NR Band n48 Ant5	LTE Band 2 Ant0	Right Cheek	0.10	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.91	0.38	0.38	0.74
		Right Tilted	0.05	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.75	0.46	0.28	0.67
		Left Cheek	0.20	0.29	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.94	0.69	0.97	1.16
		Left Tilted	0.06	0.05	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.37	0.30	0.27	0.37
	LTE Band 66 Ant0	Right Cheek	0.10	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.91	0.38	0.39	0.74
		Right Tilted	0.07	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.77	0.48	0.30	0.69
		Left Cheek	0.18	0.29	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.92	0.67	0.95	1.14
		Left Tilted	0.10	0.05	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.41	0.34	0.31	0.41
NR Band n66 Ant0	LTE Band 2 Ant2	Right Cheek	0.25	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.96	0.53	0.54	0.89
		Right Tilted	0.13	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.86	0.58	0.39	0.78
		Left Cheek	0.38	0.18	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.00	0.75	1.03	1.22
		Left Tilted	0.20	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.54	0.48	0.45	0.55
	LTE Band 5 Ant2	Right Cheek	0.20	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.92	0.48	0.49	0.84
		Right Tilted	0.18	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.91	0.62	0.44	0.83
		Left Cheek	0.31	0.18	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.93	0.68	0.96	1.15
		Left Tilted	0.26	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.60	0.54	0.50	0.60
	LTE Band 48 Ant5	Right Cheek	0.17	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.88	0.45	0.46	0.81
		Right Tilted	0.08	0.07	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.80	0.51	0.34	0.73
		Left Cheek	0.35	0.18	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.96	0.72	1.00	1.19
		Left Tilted	0.04	0.09	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.38	0.32	0.29	0.39
NR Band n66 Ant2	LTE Band 5 Ant0	Right Cheek	0.15	0.35	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.12	0.68	0.69	1.04
		Right Tilted	0.08	0.21	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.95	0.66	0.48	0.87
		Left Cheek	0.13	0.53	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.10	0.85	1.13	1.32
		Left Tilted	0.08	0.28	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.61	0.55	0.51	0.61
	LTE Band 13 Ant0	Right Cheek	0.10	0.35	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.07	0.64	0.65	1.00
		Right Tilted	0.07	0.21	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.93	0.64	0.47	0.86
		Left Cheek	0.11	0.53	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.09	0.84	1.12	1.31
		Left Tilted	0.00	0.28	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.53	0.47	0.44	0.54
NR Band n71 Ant2	LTE Band 2 Ant0	Right Cheek	0.10	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.80	0.37	0.38	0.73
		Right Tilted	0.05	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.77	0.48	0.31	0.70
		Left Cheek	0.20	0.24	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.88	0.63	0.91	1.10
		Left Tilted	0.06	0.16	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.47	0.41	0.38	0.48
	LTE Band 66 Ant0	Right Cheek	0.10	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.81	0.37	0.38	0.73
		Right Tilted	0.07	0.06	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.79	0.50	0.32	0.71
		Left Cheek	0.18	0.24	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.86	0.61	0.90	1.08
		Left Tilted	0.10	0.16	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.51	0.45	0.42	0.52
NR Band n71 Ant0	LTE Band 2 Ant2	Right Cheek	0.25	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.97	0.53	0.54	0.89
		Right Tilted	0.13	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.79	0.50	0.32	0.71
		Left Cheek	0.38	0.07	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.90	0.65	0.93	1.12
		Left Tilted	0.20	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.45	0.39	0.36	0.46
	LTE Band 66 Ant2	Right Cheek	0.54	0.09	0.15	0.08	0.19	0.06	0.47	0.49	0.06	1.26	0.82	0.83	1.18
		Right Tilted	0.34	0.00	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.99	0.70	0.53	0.92
		Left Cheek	0.64	0.07	0.24	0.04	0.19	0.24	0.20	0.46	0.20	1.15	0.91	1.19	1.38
		Left Tilted	0.44	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.69	0.62	0.59	0.69
NR Band n77 Ant5	LTE Band 2 Ant0	Right Cheek	0.10	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.80	0.37	0.38	0.73
		Right Tilted	0.05	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.75	0.46	0.29	0.68
		Left Cheek	0.20	0.33	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.97	0.72	1.00	1.19
		Left Tilted	0.06	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.31	0.25	0.22	0.32
	LTE Band 5 Ant0	Right Cheek	0.15	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.85	0.42	0.43	0.78
		Right Tilted	0.08	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.78	0.49	0.32	0.71
		Left Cheek	0.13	0.33	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.90	0.65	0.93	1.12
		Left Tilted	0.08	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.33	0.26	0.23	0.33
	LTE Band 12 Ant0	Right Cheek	0.08	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.79	0.36	0.36	0.71
		Right Tilted	0.00	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.70	0.41	0.23	0.62
		Left Cheek	0.10	0.33	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.87	0.62	0.90	1.09
		Left Tilted	0.00	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.25	0.19	0.16	0.26
	LTE Band 13 Ant0	Right Cheek	0.10	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.81	0.37	0.38	0.73
		Right Tilted	0.07	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.76	0.47	0.30	0.69
		Left Cheek	0.11	0.33	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.88	0.63	0.92	1.10
		Left Tilted	0.00	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.25	0.19	0.16	0.26
	LTE Band 66 Ant0	Right Cheek	0.10	0.08	0.15	0.08	0.19	0.06	0.47	0.49	0.06	0.81	0.37	0.38	0.73
		Right Tilted	0.07	0.04	0.09	0.12	0.36	0.07	0.56	0.58	0.00	0.77	0.48	0.30	0.69
		Left Cheek	0.18	0.33	0.24	0.04	0.19	0.24	0.20	0.46	0.20	0.95	0.70	0.98	1.17
		Left Tilted	0.10	0.00	0.06	0.05	0.19	0.05	0.19	0.20	0.06	0.35	0.29	0.26	0.36

< Body Worn Exposure Condition >

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+7 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+4+6+9 Summed 1g SAR (W/kg)	1+2+8+9 Summed 1g SAR (W/kg)
			LTE	NR	WLAN2.4G ANT5	WLAN2.4G ANT6	WLAN2.4G	WLAN5G ANT5	WLAN5G Ant6	WLAN5G	BT				
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
NR Band n2 Ant2	LTE Band 5 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.42**	**0.32**	**0.63**	**0.52**
		Back at 10mm -	0.43	0.25	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.08**	**1.12**	**1.18**	**0.92**
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.42**	**0.32**	**0.63**	**0.52**
		Back at 10mm -	0.19	0.25	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.84**	**0.88**	**0.95**	**0.69**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.14	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.56**	**0.46**	**0.77**	**0.65**
		Back at 10mm -	0.30	0.25	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.95**	**0.99**	**1.06**	**0.80**
NR Band n2 Ant0	LTE Band 5 Ant2	Front at 10mm -	0.12	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.59**	**0.50**	**0.80**	**0.69**
		Back at 10mm -	0.41	0.36	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.18**	**1.22**	**1.28**	**1.02**
NR Band n5 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.53**	**0.44**	**0.74**	**0.63**
		Back at 10mm -	0.27	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.04**	**1.08**	**1.14**	**0.89**
	LTE Band 12 Ant2	Front at 10mm -	0.07	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.34**	**0.24**	**0.55**	**0.44**
		Back at 10mm -	0.16	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.93**	**0.97**	**1.03**	**0.77**
	LTE Band 66 Ant2	Front at 10mm -	0.25	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.52**	**0.42**	**0.73**	**0.61**
		Back at 10mm -	0.34	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.12**	**1.15**	**1.22**	**0.96**
NR Band n25 Ant2	LTE Band 12 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.42**	**0.33**	**0.63**	**0.52**
		Back at 10mm -	0.17	0.25	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.82**	**0.86**	**0.92**	**0.66**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.14	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.56**	**0.46**	**0.77**	**0.65**
		Back at 10mm -	0.30	0.25	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.95**	**0.99**	**1.05**	**0.79**
NR Band n25 Ant0	LTE Band 12 Ant2	Front at 10mm -	0.07	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.54**	**0.45**	**0.75**	**0.64**
		Back at 10mm -	0.16	0.36	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.92**	**0.96**	**1.02**	**0.76**
	LTE Band 48 Ant5	Front at 10mm -	0.20	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.68**	**0.58**	**0.88**	**0.77**
		Back at 10mm -	0.38	0.36	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.15**	**1.19**	**1.25**	**0.99**
NR Band n41 Ant2	LTE Band 2 Ant1	Front at 10mm -	0.14	0.34	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.66**	**0.57**	**0.87**	**0.76**
		Back at 10mm -	0.24	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.99**	**1.03**	**1.09**	**0.83**
	LTE Band 66 Ant1	Front at 10mm -	0.19	0.34	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.71**	**0.61**	**0.91**	**0.80**
		Back at 10mm -	0.29	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.04**	**1.08**	**1.14**	**0.89**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.34	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.75**	**0.66**	**0.96**	**0.85**
		Back at 10mm -	0.30	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.05**	**1.09**	**1.16**	**0.90**
NR Band n48 Ant5	LTE Band 2 Ant0	Front at 10mm -	0.30	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.77**	**0.68**	**0.98**	**0.87**
		Back at 10mm -	0.32	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.07**	**1.11**	**1.17**	**0.91**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.71**	**0.61**	**0.91**	**0.80**
		Back at 10mm -	0.30	0.35	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.06**	**1.09**	**1.16**	**0.90**
NR Band n66 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.22	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.67**	**0.57**	**0.87**	**0.76**
		Back at 10mm -	0.27	0.44	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.11**	**1.15**	**1.21**	**0.95**
	LTE Band 5 Ant2	Front at 10mm -	0.12	0.22	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.52**	**0.42**	**0.73**	**0.62**
		Back at 10mm -	0.41	0.44	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.25**	**1.29**	**1.35**	**1.10**
	LTE Band 48 Ant5	Front at 10mm -	0.20	0.22	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.60**	**0.51**	**0.81**	**0.70**
		Back at 10mm -	0.38	0.44	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.22**	**1.26**	**1.32**	**1.07**
NR Band n66 Ant2	LTE Band 5 Ant0	Front at 10mm -	0.10	0.26	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.54**	**0.44**	**0.74**	**0.63**
		Back at 10mm -	0.43	0.45	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.28**	**1.31**	**1.38**	**1.12**
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.26	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.54**	**0.44**	**0.74**	**0.63**
		Back at 10mm -	0.19	0.45	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.04**	**1.08**	**1.14**	**0.88**
NR Band n71 Ant2	LTE Band 2 Ant0	Front at 10mm -	0.30	0.06	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.54**	**0.45**	**0.75**	**0.64**
		Back at 10mm -	0.32	0.12	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.84**	**0.87**	**0.94**	**0.68**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.06	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.47**	**0.38**	**0.68**	**0.57**
		Back at 10mm -	0.30	0.12	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.82**	**0.86**	**0.92**	**0.66**
NR Band n71 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.53**	**0.44**	**0.74**	**0.63**
		Back at 10mm -	0.27	0.17	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.84**	**0.88**	**0.94**	**0.69**
	LTE Band 66 Ant2	Front at 10mm -	0.25	0.09	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.52**	**0.42**	**0.73**	**0.61**
		Back at 10mm -	0.34	0.17	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.92**	**0.95**	**1.02**	**0.76**
NR Band n77 Ant5	LTE Band 2 Ant0	Front at 10mm -	0.30	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.77**	**0.68**	**0.98**	**0.87**
		Back at 10mm -	0.32	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.08**	**1.12**	**1.19**	**0.93**
	LTE Band 5 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.57**	**0.47**	**0.77**	**0.66**
		Back at 10mm -	0.43	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.19**	**1.23**	**1.30**	**1.04**
	LTE Band 12 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.57**	**0.48**	**0.78**	**0.67**
		Back at 10mm -	0.17	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.94**	**0.97**	**1.04**	**0.78**
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.57**	**0.47**	**0.77**	**0.66**
		Back at 10mm -	0.19	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**0.96**	**1.00**	**1.06**	**0.80**
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.29	0.07	0.06	0.09	0.23	0.11	0.18	0.10	**0.71**	**0.61**	**0.91**	**0.80**
		Back at 10mm -	0.30	0.37	0.20	0.35	0.44	0.16	0.21	0.24	0.00	**1.07**	**1.11**	**1.17**	**0.91**

< Hotspot Exposure Condition >

WWAN Band		Exposure Position	1 LTE 1g SAR (W/kg)	2 NR 1g SAR (W/kg)	3 WLAN2.4G ANT5 1g SAR (W/kg)	4 WLAN2.4G ANT6 1g SAR (W/kg)	5 WLAN2.4G 1g SAR (W/kg)	6 WLAN5G ANT5 1g SAR (W/kg)	7 WLAN5G Ant6 1g SAR (W/kg)	8 WLAN5G 1g SAR (W/kg)	9 BT 1g SAR (W/kg)	1+2+3+7 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+4+6+9 Summed 1g SAR (W/kg)	1+2+8+9 Summed 1g SAR (W/kg)
NR Band n2 Ant2	LTE Band 5 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.47	0.32	0.56	0.53
		Back at 10mm -	0.43	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.96	1.01	1.03	0.78
		Left side at 10mm -	0.00		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.45	0.08	0.45	0.52
		Right side at 10mm -	0.09	0.24		0.05	0.00		0.14	0.08		0.48	0.33	0.38	0.41
		Top side at 10mm -		0.08		0.12	0.32		0.31	0.25		0.39	0.40	0.20	0.33
		Bottom side at 10mm -	0.23									0.23	0.23	0.23	0.23
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.47	0.32	0.56	0.53
		Back at 10mm -	0.19	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.73	0.78	0.80	0.54
		Left side at 10mm -	0.08		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.52	0.16	0.53	0.60
		Right side at 10mm -	0.12	0.24		0.05	0.00		0.14	0.08		0.50	0.36	0.40	0.44
		Top side at 10mm -		0.08		0.12	0.32		0.31	0.25		0.39	0.40	0.20	0.33
		Bottom side at 10mm -	0.15									0.15	0.15	0.15	0.15
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.14	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.61	0.46	0.70	0.67
		Back at 10mm -	0.30	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.84	0.89	0.91	0.65
		Left side at 10mm -	0.19		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.63	0.27	0.64	0.71
		Right side at 10mm -	0.12	0.24		0.05	0.00		0.14	0.08		0.51	0.36	0.41	0.44
		Top side at 10mm -		0.08		0.12	0.32		0.31	0.25		0.39	0.40	0.20	0.33
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25
NR Band n2 Ant0	LTE Band 5 Ant2	Front at 10mm -	0.12	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.64	0.50	0.74	0.70
		Back at 10mm -	0.41	0.36	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.17	1.22	1.24	0.98
		Left side at 10mm -		0.33	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.77	0.41	0.78	0.85
		Right side at 10mm -	0.17	0.12		0.05	0.00		0.14	0.08		0.43	0.29	0.33	0.37
		Top side at 10mm -	0.16			0.12	0.32		0.31	0.25		0.47	0.49	0.28	0.41
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
NR Band n5 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.58	0.44	0.68	0.64
		Back at 10mm -	0.26	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.02	1.07	1.09	0.83
		Left side at 10mm -		0.06	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.51	0.14	0.52	0.58
		Right side at 10mm -	0.33	0.11		0.05	0.00		0.14	0.08		0.58	0.44	0.48	0.52
		Top side at 10mm -	0.17			0.12	0.32		0.31	0.25		0.49	0.50	0.29	0.42
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
	LTE Band 12 Ant2	Front at 10mm -	0.07	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.39	0.24	0.48	0.45
		Back at 10mm -	0.16	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.92	0.97	0.99	0.73
		Left side at 10mm -		0.06	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.51	0.14	0.52	0.58
		Right side at 10mm -	0.00	0.11		0.05	0.00		0.14	0.08		0.25	0.11	0.16	0.19
		Top side at 10mm -	0.06			0.12	0.32		0.31	0.25		0.37	0.38	0.18	0.31
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
	LTE Band 66 Ant2	Front at 10mm -	0.25	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.57	0.42	0.66	0.63
		Back at 10mm -	0.34	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.10	1.15	1.18	0.92
		Left side at 10mm -		0.06	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.51	0.14	0.52	0.58
		Right side at 10mm -	0.33	0.11		0.05	0.00		0.14	0.08		0.58	0.44	0.48	0.51
		Top side at 10mm -	0.24			0.12	0.32		0.31	0.25		0.55	0.57	0.36	0.49
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
NR Band n25 Ant2	LTE Band 12 Ant0	Front at 10mm -	0.10	0.14	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.48	0.33	0.57	0.53
		Back at 10mm -	0.17	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.70	0.75	0.78	0.52
		Left side at 10mm -	0.10		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.54	0.18	0.55	0.62
		Right side at 10mm -	0.15	0.24		0.05	0.00		0.14	0.08		0.53	0.39	0.43	0.47
		Top side at 10mm -		0.08		0.12	0.32		0.31	0.25		0.39	0.40	0.20	0.33
		Bottom side at 10mm -	0.12									0.12	0.12	0.12	0.12
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.14	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.61	0.46	0.70	0.67
		Back at 10mm -	0.30	0.15	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.84	0.89	0.91	0.65
		Left side at 10mm -	0.19		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.63	0.27	0.64	0.71
		Right side at 10mm -	0.12	0.24		0.05	0.00		0.14	0.08		0.51	0.36	0.41	0.44
		Top side at 10mm -		0.08		0.12	0.32		0.31	0.25		0.39	0.40	0.20	0.33
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25
NR Band n25 Ant0	LTE Band 12 Ant2	Front at 10mm -	0.07	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.60	0.45	0.69	0.65
		Back at 10mm -	0.16	0.36	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.91	0.96	0.98	0.72
		Left side at 10mm -		0.33	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.77	0.41	0.78	0.85
		Right side at 10mm -	0.00	0.12		0.05	0.00		0.14	0.08		0.26	0.12	0.16	0.19
		Top side at 10mm -	0.06			0.12	0.32		0.31	0.25		0.37	0.38	0.18	0.31
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
	LTE Band 48 Ant5	Front at 10mm -	0.20	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.73	0.58	0.82	0.78
		Back at 10mm -	0.30	0.36	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.05	1.10	1.13	0.87
		Left side at 10mm -	0.44	0.33	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.21	0.84	1.22	1.29
		Right side at 10mm -		0.12		0.05	0.00		0.14	0.08		0.26	0.12	0.16	0.19
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -		0.22								0.22	0.22	0.22	0.22
NR Band n41 Ant2	LTE Band 2 Ant1	Front at 10mm -	0.14	0.34	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.72	0.57	0.81	0.77
		Back at 10mm -	0.23	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.98	1.03	1.05	0.79
		Left side at 10mm -			0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.45	0.08	0.45	0.52
		Right side at 10mm -	0.45	0.26		0.05	0.00		0.14	0.08		0.85	0.71	0.76	0.79
		Top side at 10mm -		0.32		0.12	0.32		0.31	0.25		0.63	0.64	0.44	0.57
		Bottom side at 10mm -	0.06									0.06	0.06	0.06	0.06
	LTE Band 66 Ant1	Front at 10mm -	0.19	0.34	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.76	0.61	0.85	0.81
		Back at 10mm -	0.26	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.01	1.06	1.08	0.82
		Left side at 10mm -			0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.45	0.08	0.45	0.52
		Right side at 10mm -	0.52	0.26		0.05	0.00		0.14	0.08		0.92	0.77	0.82	0.85
		Top side at 10mm -		0.32		0.12	0.32		0.31	0.25		0.63	0.64	0.44	0.57
		Bottom side at 10mm -	0.08									0.08	0.08	0.08	0.08
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.34	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.81	0.66	0.90	0.86
		Back at 10mm -	0.30	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.04	1.09	1.12	0.86
		Left side at 10mm -	0.19		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.63	0.27	0.64	0.71
		Right side at 10mm -	0.12	0.26		0.05	0.00		0.14	0.08		0.52	0.38	0.43	0.46
		Top side at 10mm -		0.32		0.12	0.32		0.31	0.25		0.63	0.64	0.44	0.57
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25
NR Band n48 Ant5	LTE Band 2 Ant0	Front at 10mm -	0.30	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.83	0.68	0.92	0.88
		Back at 10mm -	0.32	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.06	1.11	1.13	0.87
		Left side at 10mm -	0.31	0.57	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.32	0.96	1.33	1.40
		Right side at 10mm -	0.08			0.05	0.00		0.14	0.08		0.22	0.08	0.12	0.16
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.18									0.18	0.18	0.18	0.18
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.76	0.61	0.85	0.81
		Back at 10mm -	0.30	0.35	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.04	1.09	1.12	0.86
		Left side at 10mm -	0.19	0.57	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.20	0.84	1.21	1.28
		Right side at 10mm -	0.12			0.05	0.00		0.14	0.08		0.27	0.12	0.17	0.20
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25

< Hotspot Exposure Condition >

WWAN Band		Exposure Position	1	2	3	4	5	6	7	8	9	1+2+3+7 Summed 1g SAR (W/kg)	1+2+5 Summed 1g SAR (W/kg)	1+2+4+6+9 Summed 1g SAR (W/kg)	1+2+8+9 Summed 1g SAR (W/kg)
			LTE	NR	WLAN2.4G ANT5	WLAN2.4G ANT6	WLAN2.4G	WLAN5G ANT5	WLAN5G Ant6	WLAN5G	BT				
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)				
NR Band n66 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.22	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.72	0.57	0.81	0.77
		Back at 10mm -	0.26	0.42	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.07	1.12	1.14	0.88
		Left side at 10mm -		0.18	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.62	0.26	0.63	0.70
		Right side at 10mm -	0.33	0.12		0.05	0.00		0.14	0.08		0.59	0.45	0.49	0.52
		Top side at 10mm -	0.17			0.12	0.32		0.31	0.25		0.49	0.50	0.29	0.42
		Bottom side at 10mm -		0.46								0.46	0.46	0.46	0.46
	LTE Band 5 Ant2	Front at 10mm -	0.12	0.22	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.57	0.42	0.67	0.63
		Back at 10mm -	0.41	0.42	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.22	1.27	1.30	1.04
		Left side at 10mm -		0.18	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.62	0.26	0.63	0.70
		Right side at 10mm -	0.17	0.12		0.05	0.00		0.14	0.08		0.43	0.29	0.34	0.37
		Top side at 10mm -	0.16			0.12	0.32		0.31	0.25		0.47	0.49	0.28	0.41
		Bottom side at 10mm -		0.46								0.46	0.46	0.46	0.46
	LTE Band 48 Ant5	Front at 10mm -	0.20	0.22	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.66	0.51	0.75	0.71
		Back at 10mm -	0.30	0.42	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.11	1.16	1.18	0.93
		Left side at 10mm -	0.44	0.18	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.06	0.69	1.07	1.13
		Right side at 10mm -		0.12		0.05	0.00		0.14	0.08		0.26	0.12	0.16	0.19
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -		0.46								0.46	0.46	0.46	0.46
NR Band n66 Ant2	LTE Band 5 Ant0	Front at 10mm -	0.10	0.26	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.59	0.44	0.68	0.64
		Back at 10mm -	0.43	0.45	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.26	1.31	1.34	1.08
		Left side at 10mm -	0.00		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.45	0.08	0.45	0.52
		Right side at 10mm -	0.09	0.37		0.05	0.00		0.14	0.08		0.51	0.46	0.51	0.54
		Top side at 10mm -		0.24		0.12	0.32		0.31	0.25		0.55	0.56	0.36	0.48
		Bottom side at 10mm -	0.23									0.23	0.23	0.23	0.23
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.26	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.59	0.44	0.68	0.64
		Back at 10mm -	0.19	0.45	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.03	1.08	1.10	0.84
		Left side at 10mm -	0.08		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.52	0.16	0.53	0.60
		Right side at 10mm -	0.12	0.37		0.05	0.00		0.14	0.08		0.63	0.49	0.53	0.57
		Top side at 10mm -		0.24		0.12	0.32		0.31	0.25		0.55	0.56	0.36	0.48
		Bottom side at 10mm -	0.15									0.15	0.15	0.15	0.15
NR Band n71 Ant2	LTE Band 2 Ant0	Front at 10mm -	0.30	0.06	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.59	0.45	0.69	0.65
		Back at 10mm -	0.32	0.12	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.82	0.87	0.90	0.64
		Left side at 10mm -	0.31		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.75	0.39	0.76	0.83
		Right side at 10mm -	0.08	0.05		0.05	0.00		0.14	0.08		0.27	0.13	0.17	0.20
		Top side at 10mm -		0.05		0.12	0.32		0.31	0.25		0.36	0.37	0.17	0.29
		Bottom side at 10mm -	0.18									0.18	0.18	0.18	0.18
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.06	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.53	0.38	0.62	0.58
		Back at 10mm -	0.30	0.12	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.81	0.86	0.88	0.62
		Left side at 10mm -	0.19		0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.63	0.27	0.64	0.71
		Right side at 10mm -	0.12	0.05		0.05	0.00		0.14	0.08		0.32	0.17	0.22	0.25
		Top side at 10mm -		0.05		0.12	0.32		0.31	0.25		0.36	0.37	0.17	0.29
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25
NR Band n71 Ant0	LTE Band 2 Ant2	Front at 10mm -	0.26	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.58	0.44	0.68	0.64
		Back at 10mm -	0.26	0.17	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.82	0.87	0.89	0.63
		Left side at 10mm -		0.09	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.54	0.17	0.55	0.61
		Right side at 10mm -	0.33	0.15		0.05	0.00		0.14	0.08		0.62	0.48	0.52	0.55
		Top side at 10mm -	0.17			0.12	0.32		0.31	0.25		0.49	0.50	0.29	0.42
		Bottom side at 10mm -		0.08								0.08	0.08	0.08	0.08
	LTE Band 66 Ant2	Front at 10mm -	0.25	0.09	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.57	0.42	0.66	0.63
		Back at 10mm -	0.34	0.17	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.91	0.95	0.98	0.72
		Left side at 10mm -		0.09	0.33	0.05	0.08	0.28	0.11	0.40	0.12	0.54	0.17	0.55	0.61
		Right side at 10mm -	0.33	0.15		0.05	0.00		0.14	0.08		0.62	0.47	0.52	0.55
		Top side at 10mm -	0.24			0.12	0.32		0.31	0.25		0.55	0.57	0.36	0.49
		Bottom side at 10mm -		0.08								0.08	0.08	0.08	0.08
NR Band n77 Ant5	LTE Band 2 Ant0	Front at 10mm -	0.30	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.83	0.68	0.92	0.88
		Back at 10mm -	0.32	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.07	1.12	1.14	0.89
		Left side at 10mm -	0.31	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.40	1.04	1.41	1.48
		Right side at 10mm -	0.08			0.05	0.00		0.14	0.08		0.22	0.08	0.12	0.16
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.18									0.18	0.18	0.18	0.18
	LTE Band 5 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.62	0.47	0.71	0.67
		Back at 10mm -	0.43	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.18	1.23	1.25	1.00
		Left side at 10mm -	0.00	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.10	0.73	1.10	1.17
		Right side at 10mm -	0.09			0.05	0.00		0.14	0.08		0.24	0.09	0.14	0.17
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.23									0.23	0.23	0.23	0.23
	LTE Band 12 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.62	0.48	0.72	0.68
		Back at 10mm -	0.17	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.92	0.97	1.00	0.74
		Left side at 10mm -	0.10	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.19	0.83	1.20	1.27
		Right side at 10mm -	0.15			0.05	0.00		0.14	0.08		0.29	0.15	0.20	0.23
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.12									0.12	0.12	0.12	0.12
	LTE Band 13 Ant0	Front at 10mm -	0.10	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.62	0.47	0.71	0.67
		Back at 10mm -	0.19	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	0.95	1.00	1.02	0.76
		Left side at 10mm -	0.08	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.17	0.81	1.18	1.25
		Right side at 10mm -	0.12			0.05	0.00		0.14	0.08		0.26	0.12	0.17	0.20
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.15									0.15	0.15	0.15	0.15
	LTE Band 66 Ant0	Front at 10mm -	0.23	0.29	0.07	0.06	0.09	0.17	0.17	0.19	0.10	0.76	0.61	0.85	0.81
		Back at 10mm -	0.30	0.37	0.13	0.35	0.44	0.12	0.26	0.20	0.00	1.06	1.11	1.13	0.87
		Left side at 10mm -	0.19	0.65	0.33	0.05	0.08	0.28	0.11	0.40	0.12	1.29	0.92	1.29	1.36
		Right side at 10mm -	0.12			0.05	0.00		0.14	0.08		0.27	0.12	0.17	0.20
		Top side at 10mm -				0.12	0.32		0.31	0.25		0.31	0.32	0.12	0.25
		Bottom side at 10mm -	0.25									0.25	0.25	0.25	0.25