

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/07

S12 System Check_H2600_221207

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H06T27N5_1207 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.925$ S/m; $\epsilon_r = 39.921$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.84 W/kg

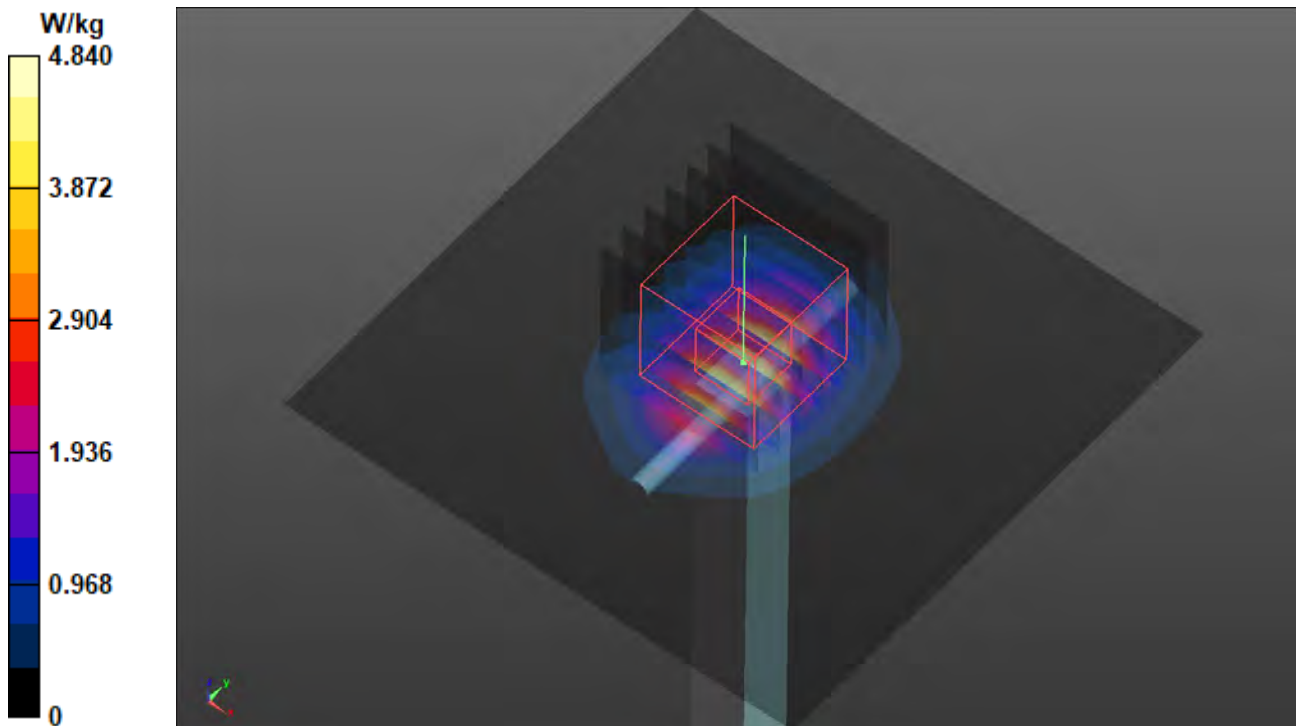
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 52.05 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.04 W/kg

SAR(1 g) = 2.88 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.88 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/07

S13a System Check_H3500_221207

DUT: Dipole 3500 MHz; Type:D3500V2; SN: 1007

Communication System: UID 0, CW; Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: H33T50N5_1207 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.865$ S/m; $\epsilon_r = 38.893$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3500 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.28 W/kg

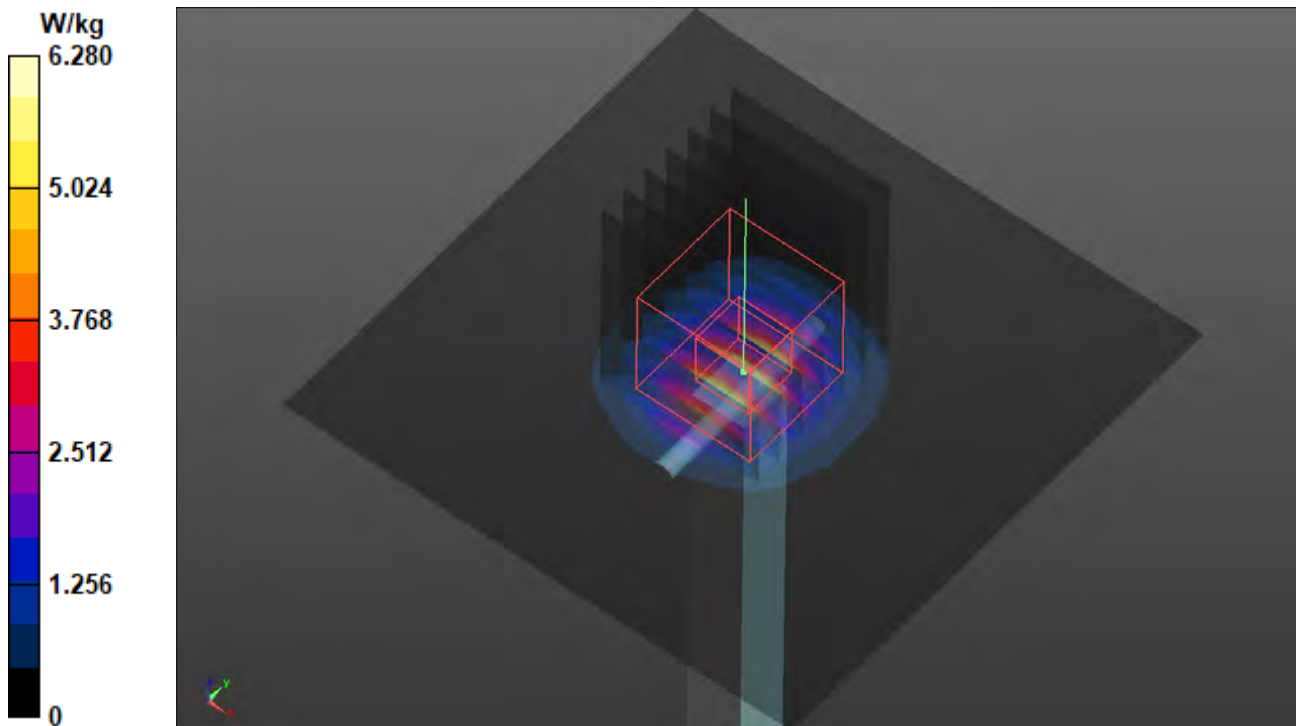
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 50.21 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 8.20 W/kg

SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.33 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/07

S13b System Check_H3700_221207

DUT: Dipole 3700 MHz; Type:D3700V2; SN:1017

Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: H33T50N5_1207 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.125$ S/m; $\epsilon_r = 38.203$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.2, 7.2, 7.2) @ 3700 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 6.53 W/kg

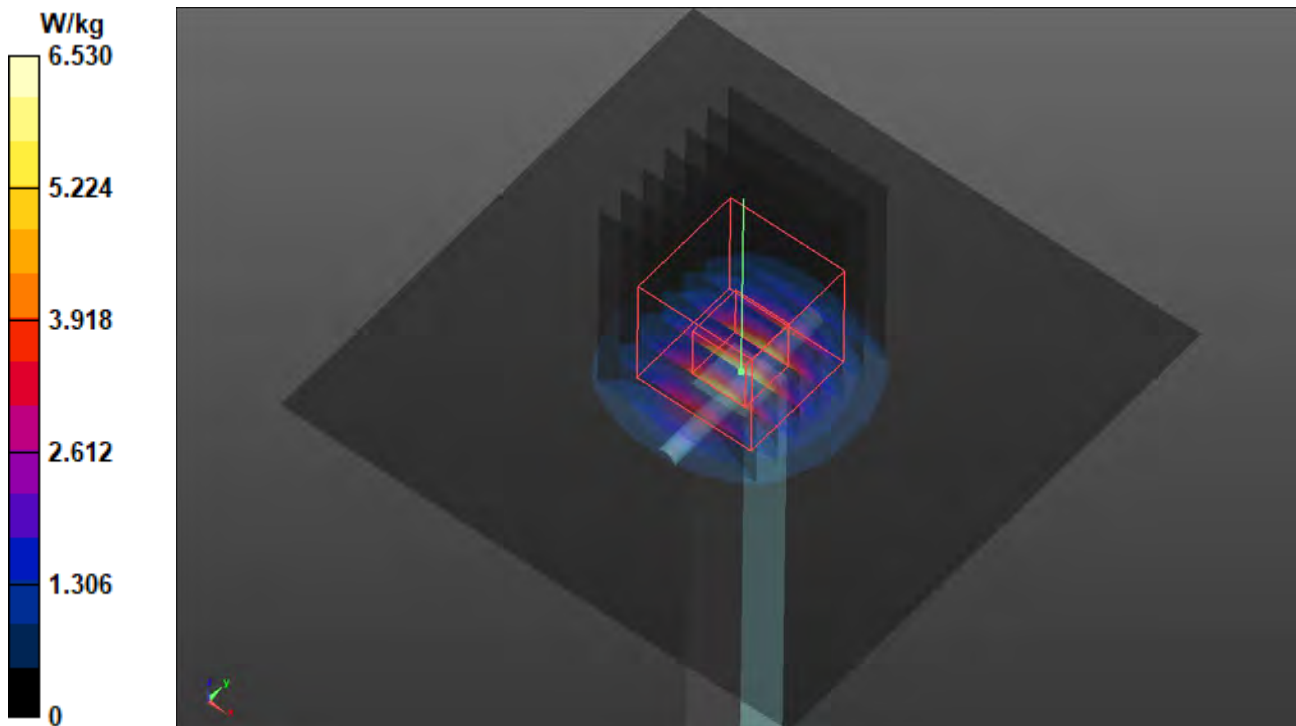
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 49.15 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 8.47 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.27 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.46 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/01

S22 System Check_H2600_221201

DUT: Dipole 2600 MHz; Type: D2600V2; SN: 1020

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: H06T27N6_1201 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 39.88$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 4.91 W/kg

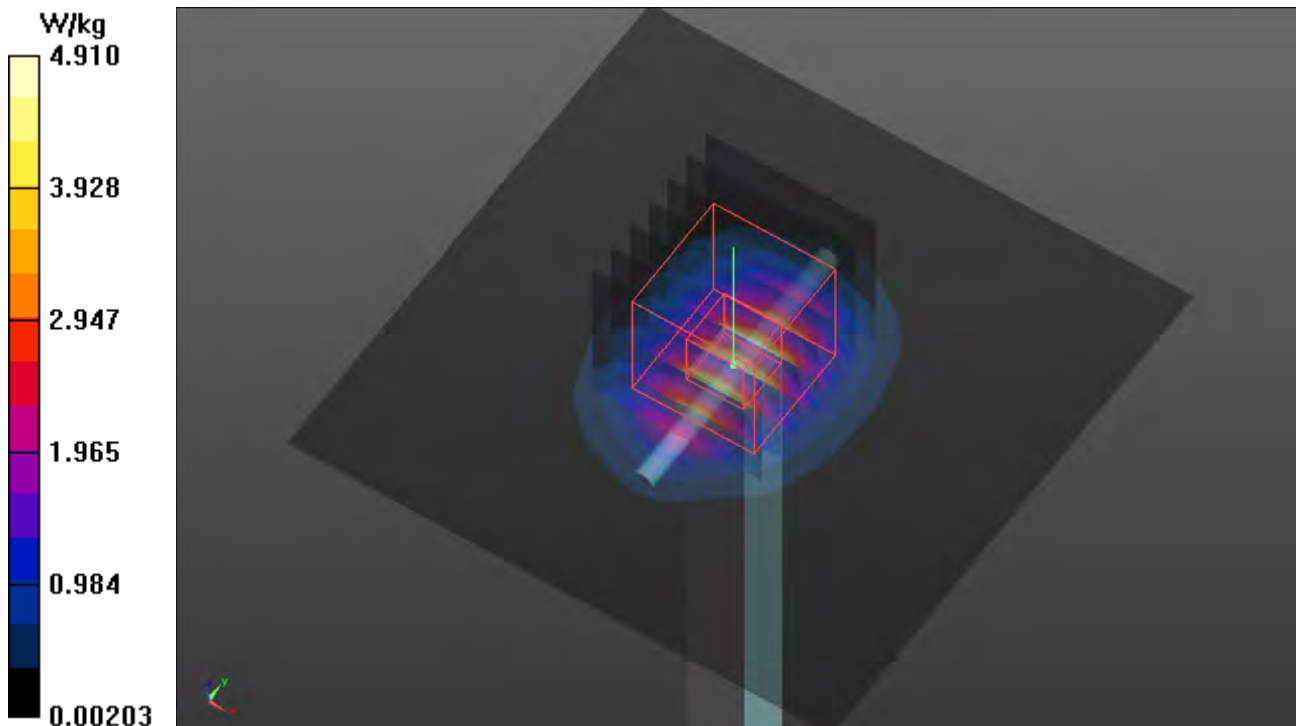
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.00 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 6.08 W/kg

SAR(1 g) = 2.87 W/kg; SAR(10 g) = 1.29 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.91 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/01

S25a System Check_H3700_221201

DUT: Dipole 3700 MHz; Type: D3700V2; SN: 1017

Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: H33T50N6_1201 Medium parameters used: $f = 3700$ MHz; $\sigma = 2.864$ S/m; $\epsilon_r = 38.595$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3700 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 5.77 W/kg

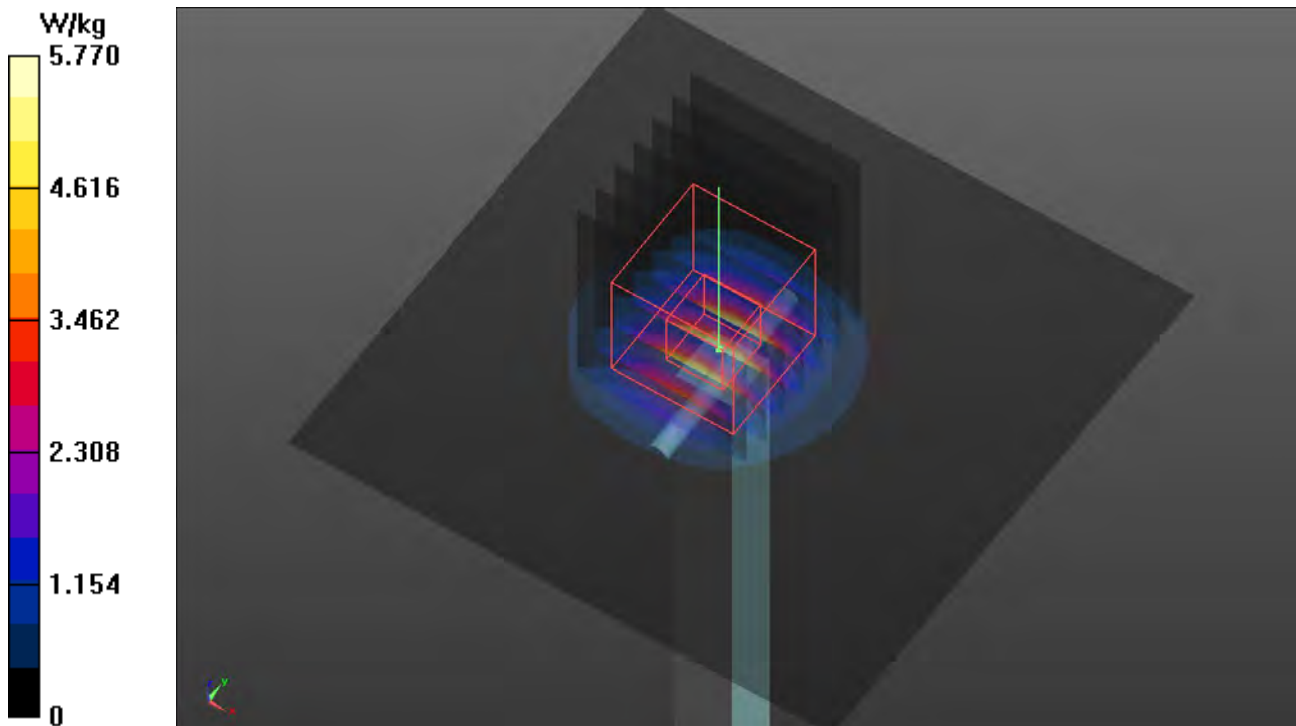
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 42.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.39 W/kg

SAR(1 g) = 3.28 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.23 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/01

S25b System Check_H3900_221201

DUT: Dipole 3900 MHz; Type: D3900V2; SN: 1020

Communication System: UID 0, CW; Frequency: 3900 MHz; Duty Cycle: 1:1

Medium: H33T50N6_1201 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.051$ S/m; $\epsilon_r = 38.315$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.63, 6.63, 6.63) @ 3900 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 6.27 W/kg

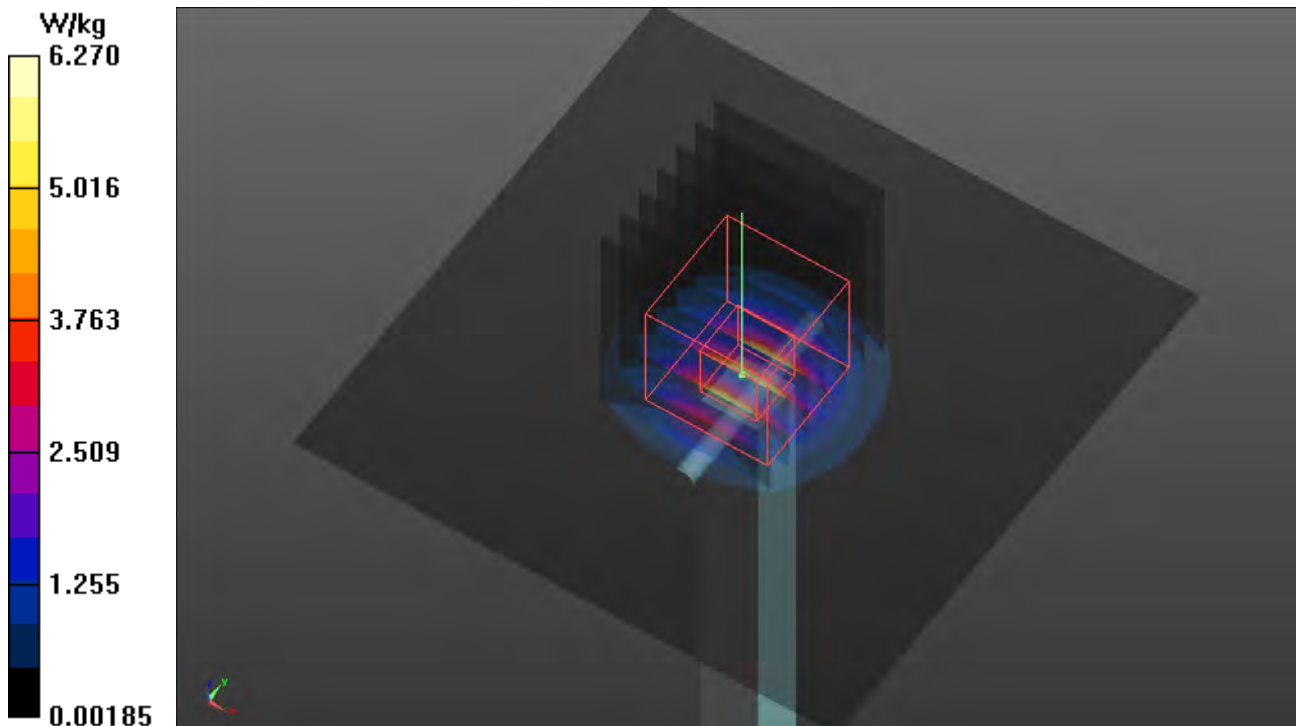
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 48.76 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 8.71 W/kg

SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.27 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/01

S26 System Check_H3700_221201

DUT: Dipole 3700 MHz; Type: D3700V2; SN: 1017

Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: H33T50N6_1201 Medium parameters used: $f = 3700$ MHz; $\sigma = 2.864$ S/m; $\epsilon_r = 38.595$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3700 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 5.77 W/kg

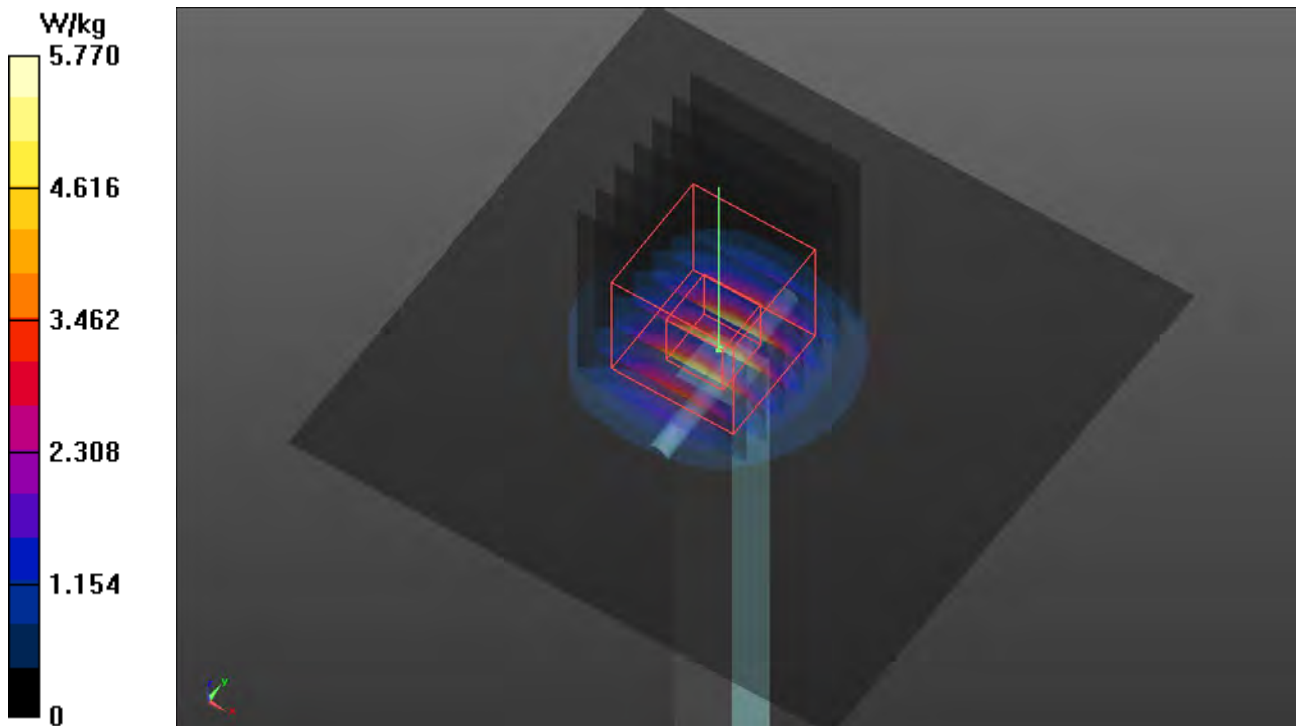
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 42.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.39 W/kg

SAR(1 g) = 3.28 W/kg; SAR(10 g) = 1.24 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 6.23 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

S27 System Check_H2450_221205

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N6_1205 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.094$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.02 W/kg

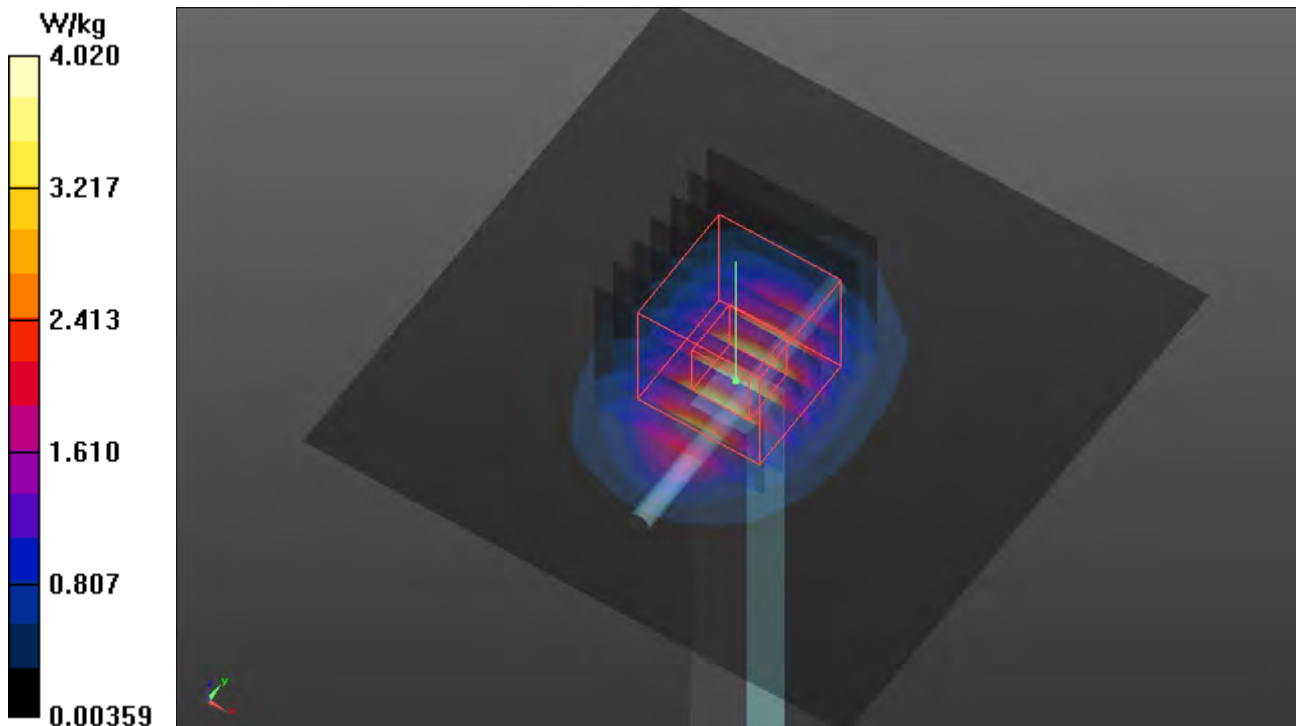
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.05 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/5

S28 System Check_H5250_221205

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H51T72N6_1205 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.43$ S/m; $\epsilon_r = 34.454$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(5.14, 5.14, 5.14) @ 5250 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.00 W/kg

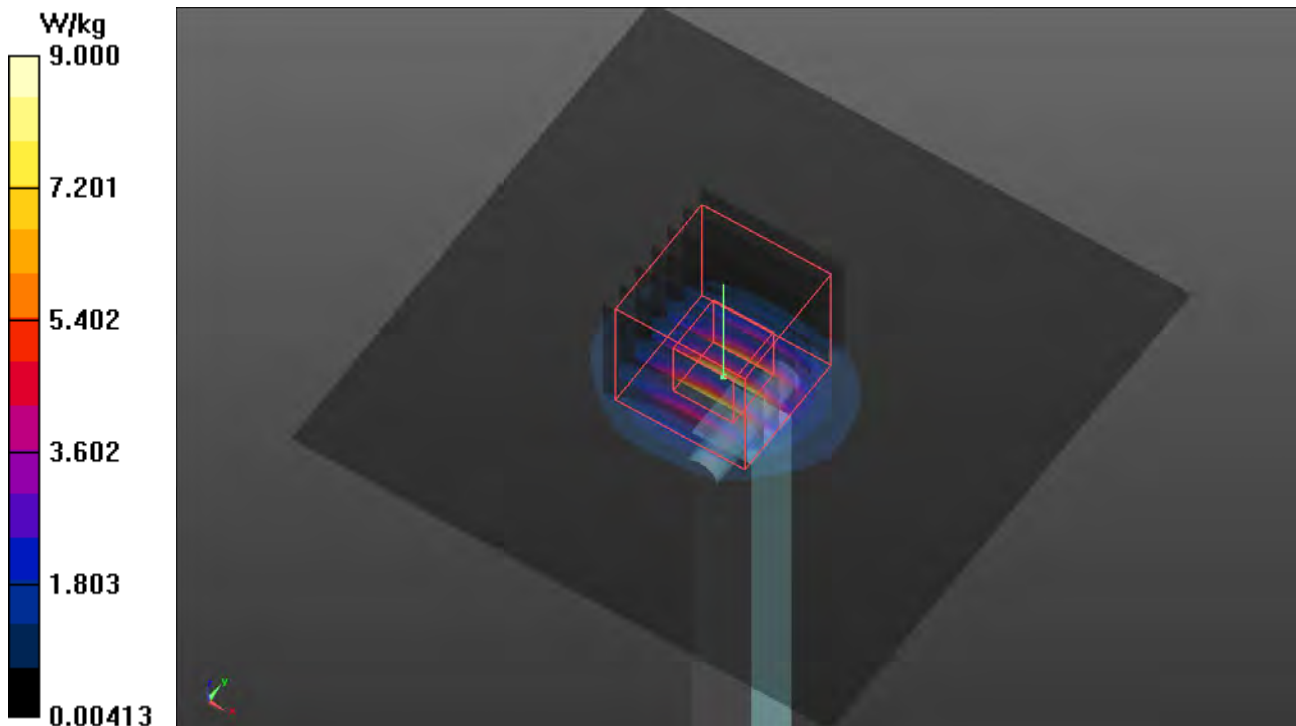
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 15.1 W/kg

SAR(1 g) = 3.84 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.62 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/08

S29 System Check_H5600_221208

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H51T72N6_1208 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.967$ S/m; $\epsilon_r = 35.227$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 – SN7554; ConvF(4.61, 4.61, 4.61) @ 5600 MHz; Calibrated: 2022/1/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 10.3 W/kg

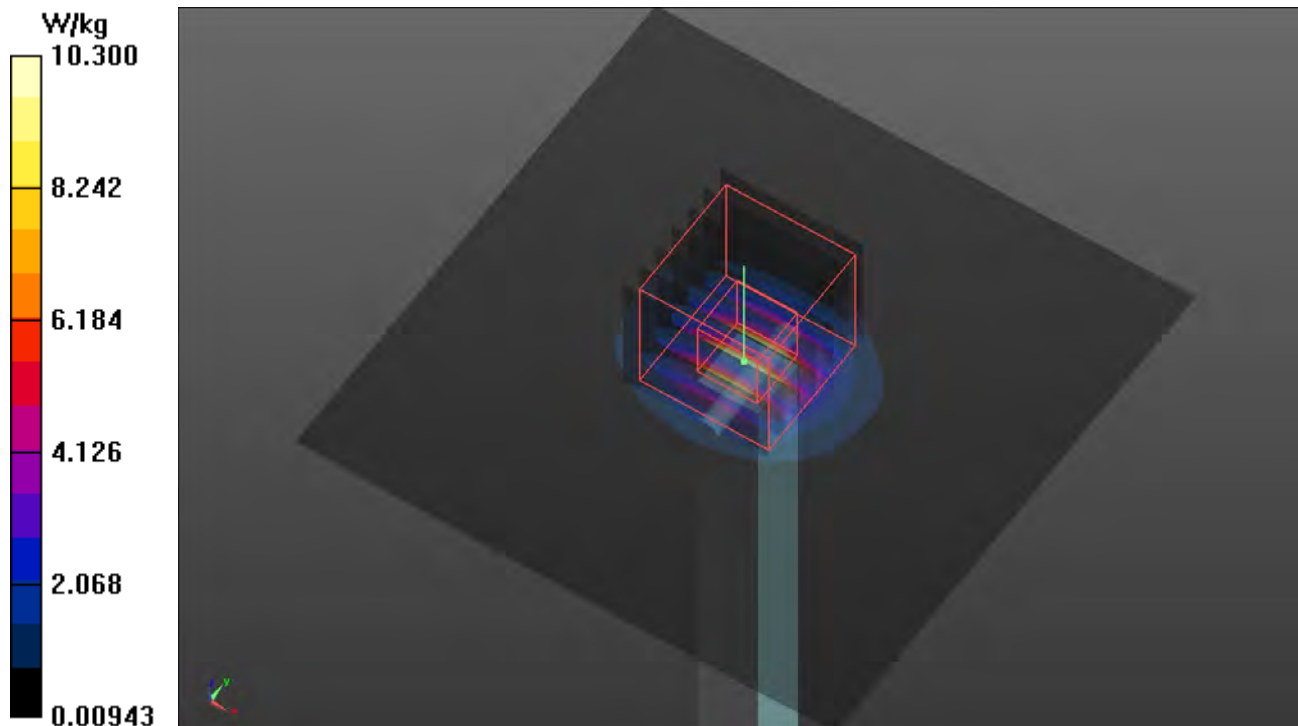
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.44 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 4.17 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.7 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/08

S31 System Check_H5750_221208

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: H51T72N6_1208 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.139$ S/m; $\epsilon_r = 34.978$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.79, 4.79, 4.79) @ 5750 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.92 W/kg

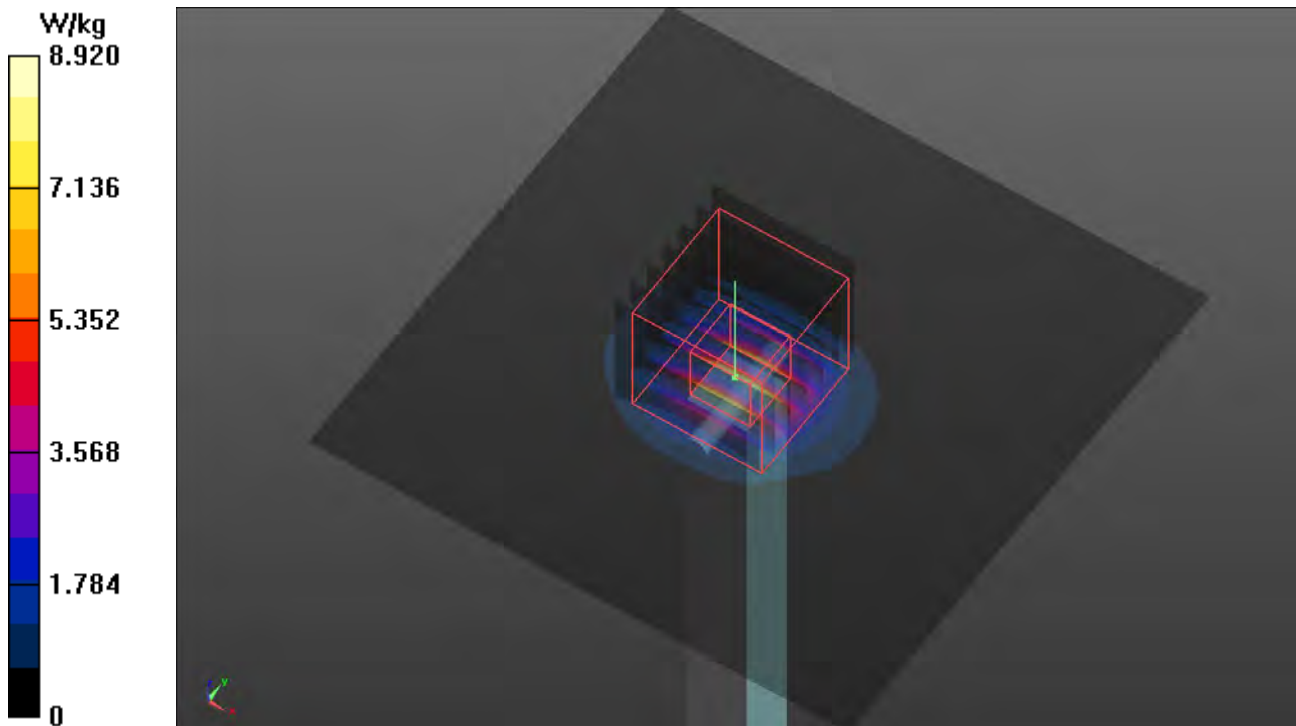
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.59 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.76 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/05

S32 System Check_H2450_221205

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N6_1205 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.094$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2450 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.02 W/kg

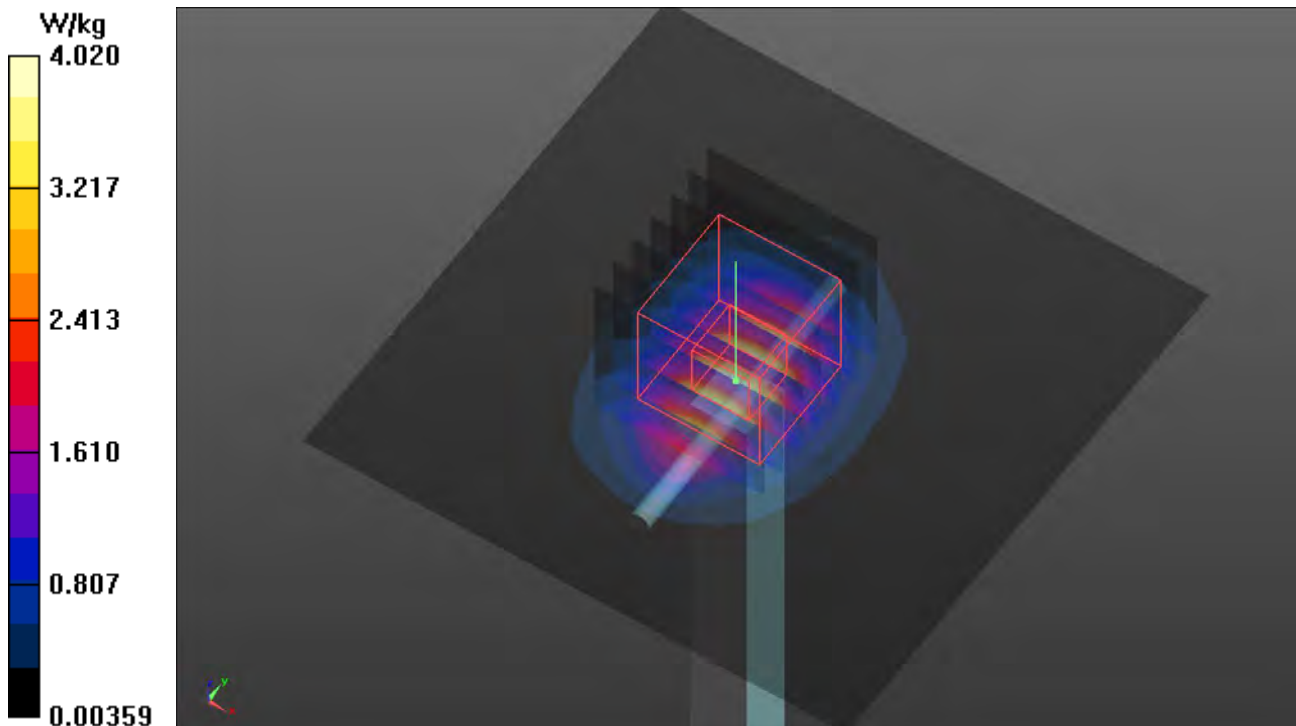
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.26 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.99 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.05 W/kg



Plots of System Verification

Measurement Report

S33 System Check_H6500_221208

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole,	50.0 x 10.0 x 8.0		6500

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,				6500.0	5.65	5.81	32.9

Hardware Setup

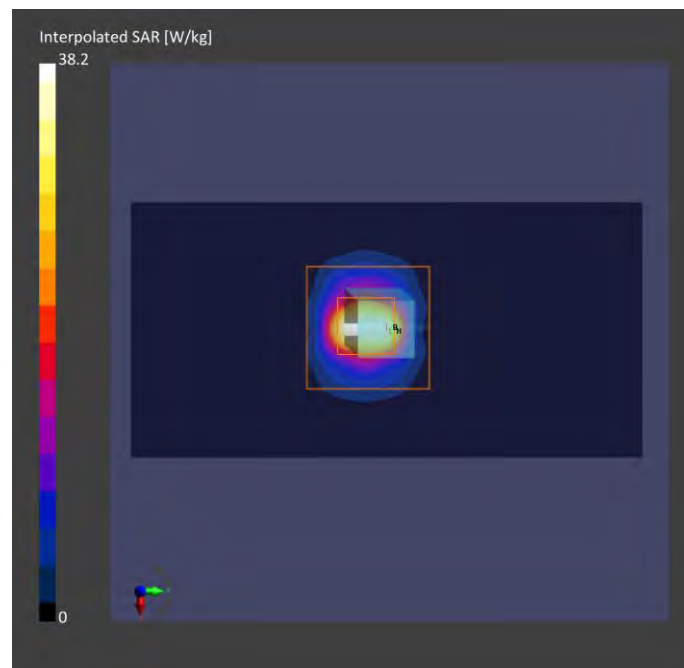
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H50T71N6, 2022-Dec-08	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-08	2022-12-08
psSAR1g [W/kg]	25.5	29.4
psSAR10g [W/kg]	5.06	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	0.05	0.01



Plots of System Verification

Measurement Report S33 PD_System Check_10 GHz_2022.12.12 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1025	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

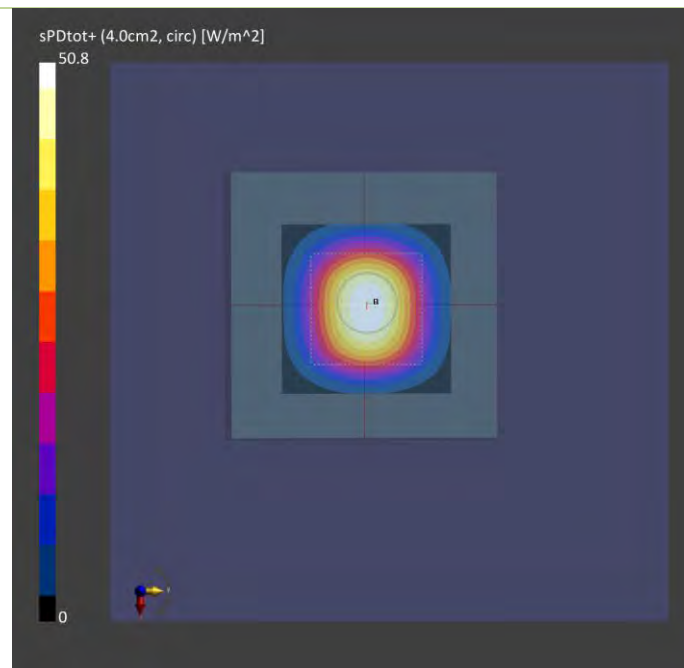
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	Air---	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	5.55

Measurement Results

	5G Scan
Date	2022-12-12
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	50.0
psPDtot+ [W/m ²]	50.8
psPDmod+ [W/m ²]	51.1
E _{max} [V/m]	144
Power Drift [dB]	0.01



Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/07

P12 LTE 41_QPSK20M_Bottom_0mm_Ch41490_1RB_OS0_Antenna Manufacturer Speed_Ant 1_Power Reduction w

DUT: BEDW-WTW-P22090632

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:8.33

Medium: H06T27N5_1207 Medium parameters used: $f = 2680$ MHz; $\sigma = 1.987$ S/m; $\epsilon_r = 39.803$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.59, 7.59, 7.59) @ 2680 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x321x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.75 V/m; Power Drift = -0.10 dB

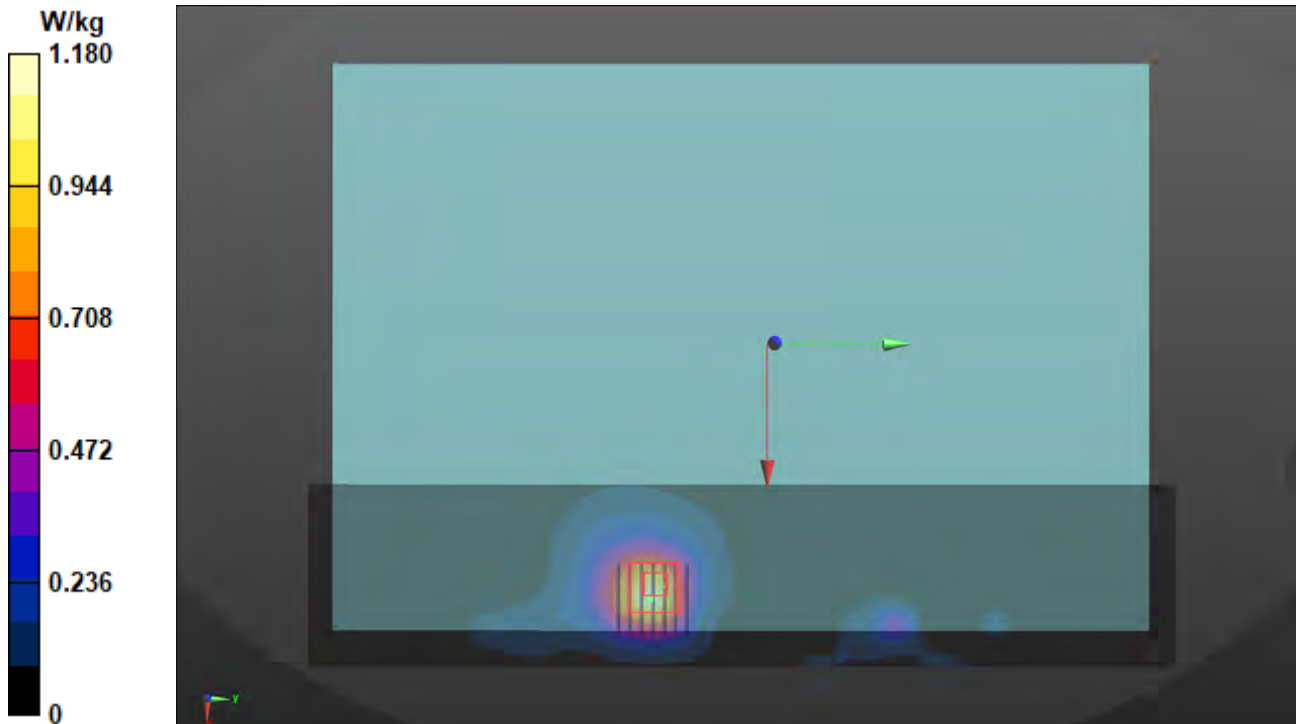
Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.268 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.5%

Maximum value of SAR (measured) = 1.53 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/07

P13 LTE 48_QPSK20M_Bottom_0mm_Ch55340_1RB_OS0_Antenna Manufacturer Speed_Ant 1_Power Reduction w

DUT: BEDW-WTW-P22090632

Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 3560 MHz; Duty Cycle: 1:8.33

Medium: H33T50N5_1207 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.934$ S/m; $\epsilon_r = 38.614$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.22, 7.22, 7.22) @ 3560 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x321x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.893 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=2.5mm

Reference Value = 16.19 V/m; Power Drift = -0.09 dB

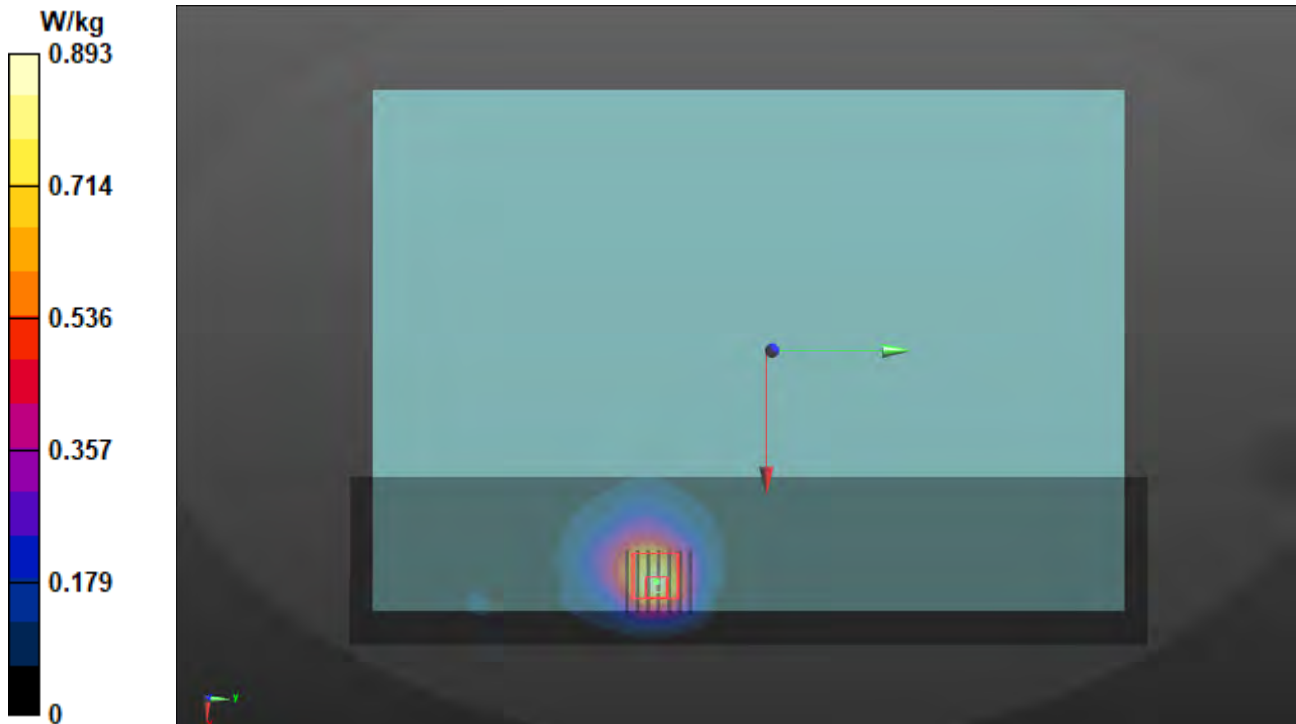
Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.250 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 0.941 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/1

P22 5GNR-n41_DFT-s QPSK100M_Bottom_0mm_Ch518598_1RB_OS1_Antenna Manufacturer Speed_Ant 1_Power Reduction w

DUT: BEDW-WTW-P22090632

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.7

Medium: H06T27N6_1201 Medium parameters used: $f = 2593$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 39.89$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.23, 7.23, 7.23) @ 2592.99 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x321x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.515 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.08 V/m; Power Drift = 0.03 dB

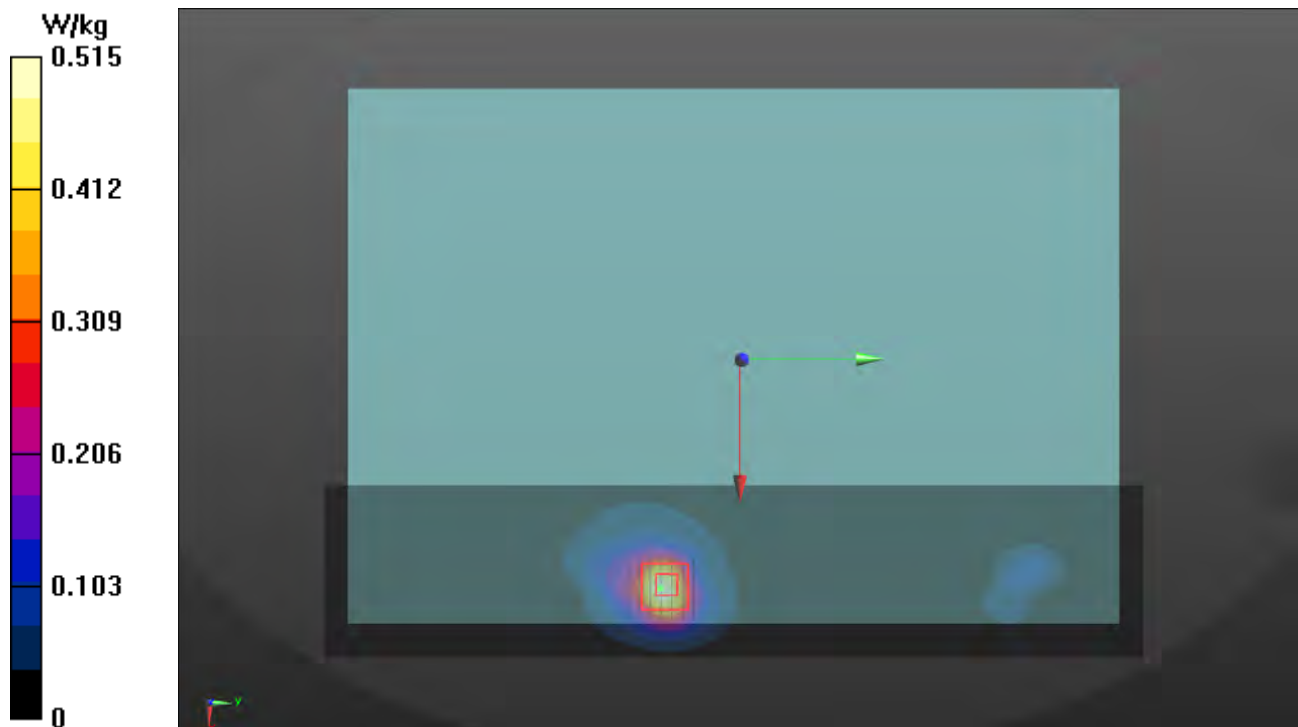
Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.154 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.513 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/1

P25 5GNR-n77_DFT-s QPSK100M_Bottom_0mm_Ch653000_1RB_OS137_Antenna Manufacturer Speed_Ant 1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3795 MHz; Duty Cycle: 1:3.7

Medium: H33T50N6_1201 Medium parameters used: $f = 3795$ MHz; $\sigma = 2.952$ S/m; $\epsilon_r = 38.46$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3795 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x321x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 18.51 V/m; Power Drift = -0.02 dB

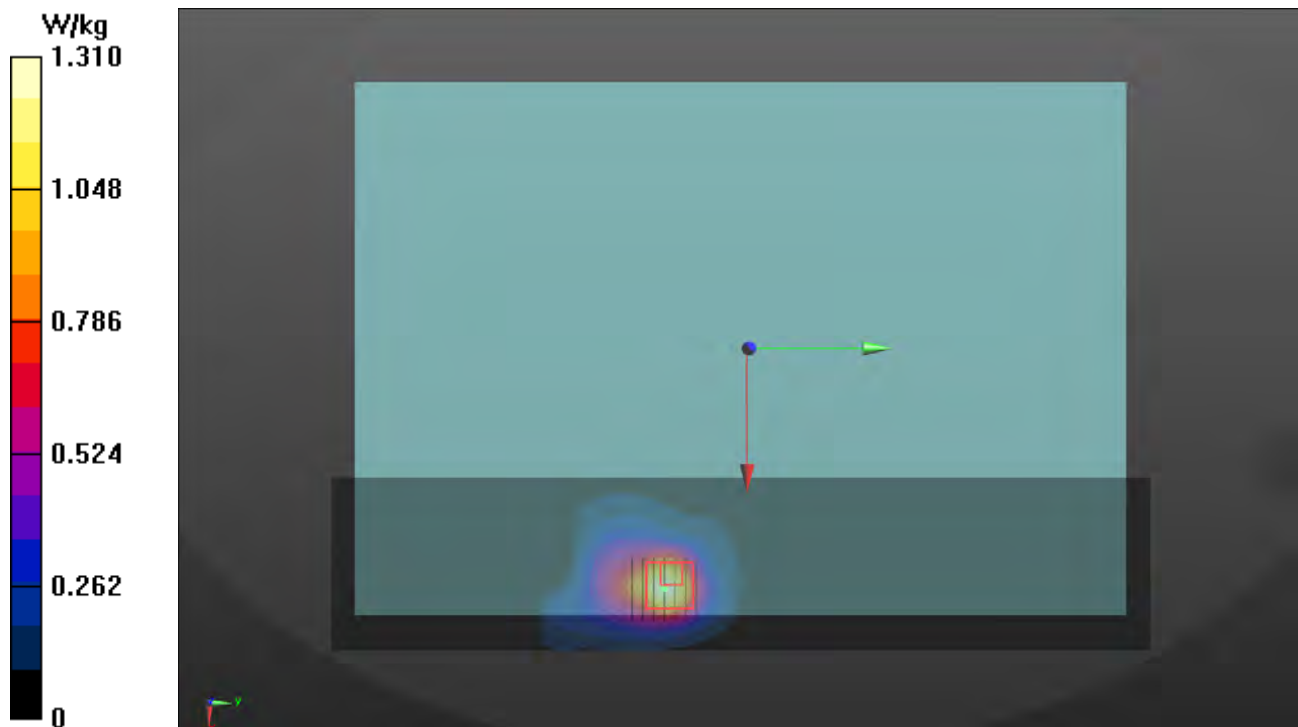
Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.228 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 1.05 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/1

P26 5GNR-n78_DFT-s QPSK100M_Bottom_0mm_Ch650000_1RB_OS1_Antenna Manufacturer Speed_Ant 1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3750 MHz; Duty Cycle: 1:3.7

Medium: H33T50N6_1201 Medium parameters used: $f = 3750$ MHz; $\sigma = 2.909$ S/m; $\epsilon_r = 38.521$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(6.73, 6.73, 6.73) @ 3750 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x321x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.686 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=2.5$ mm

Reference Value = 13.43 V/m; Power Drift = 0.01 dB

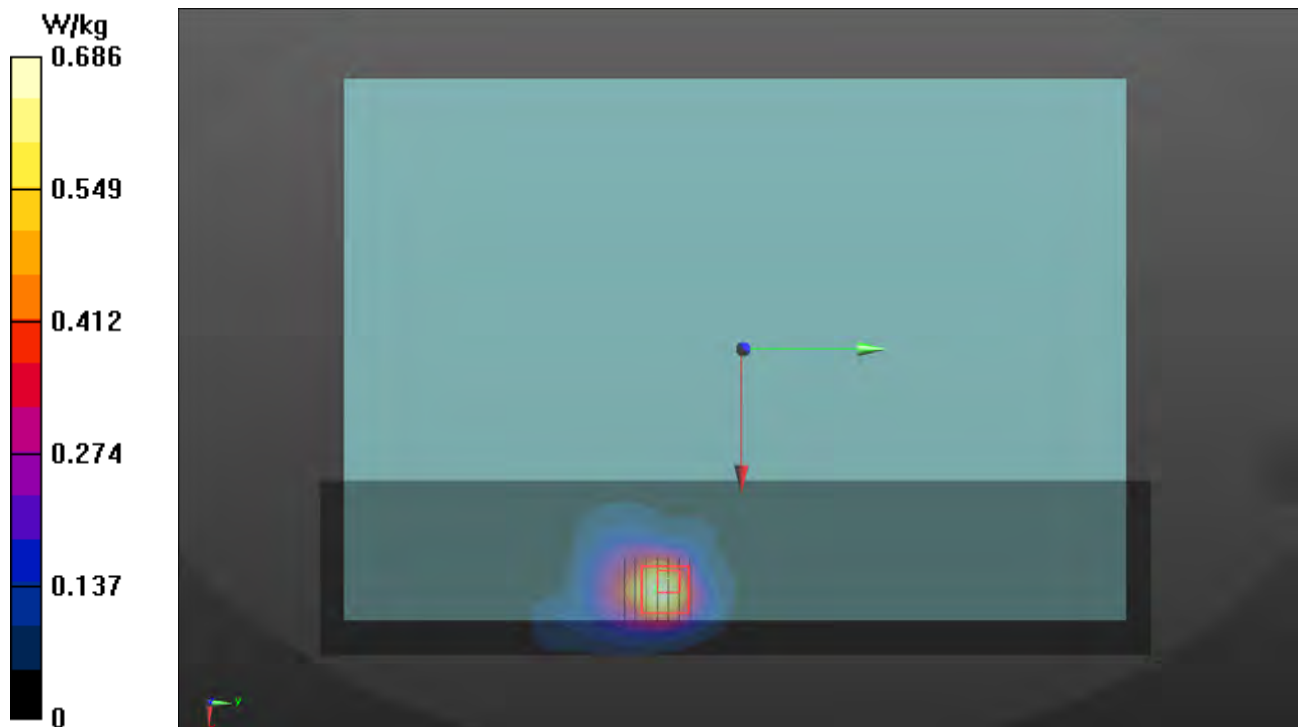
Peak SAR (extrapolated) = 0.802 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.145 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 9.8 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 0.601 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/5

P27 WLAN2.4G_802.11b_Bottom_0mm_Ch6_Antenna Manufacturer Speed_Ant 0_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: H06T27N6_1205 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 39.119$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2437 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x321x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.10 V/m; Power Drift = -0.01 dB

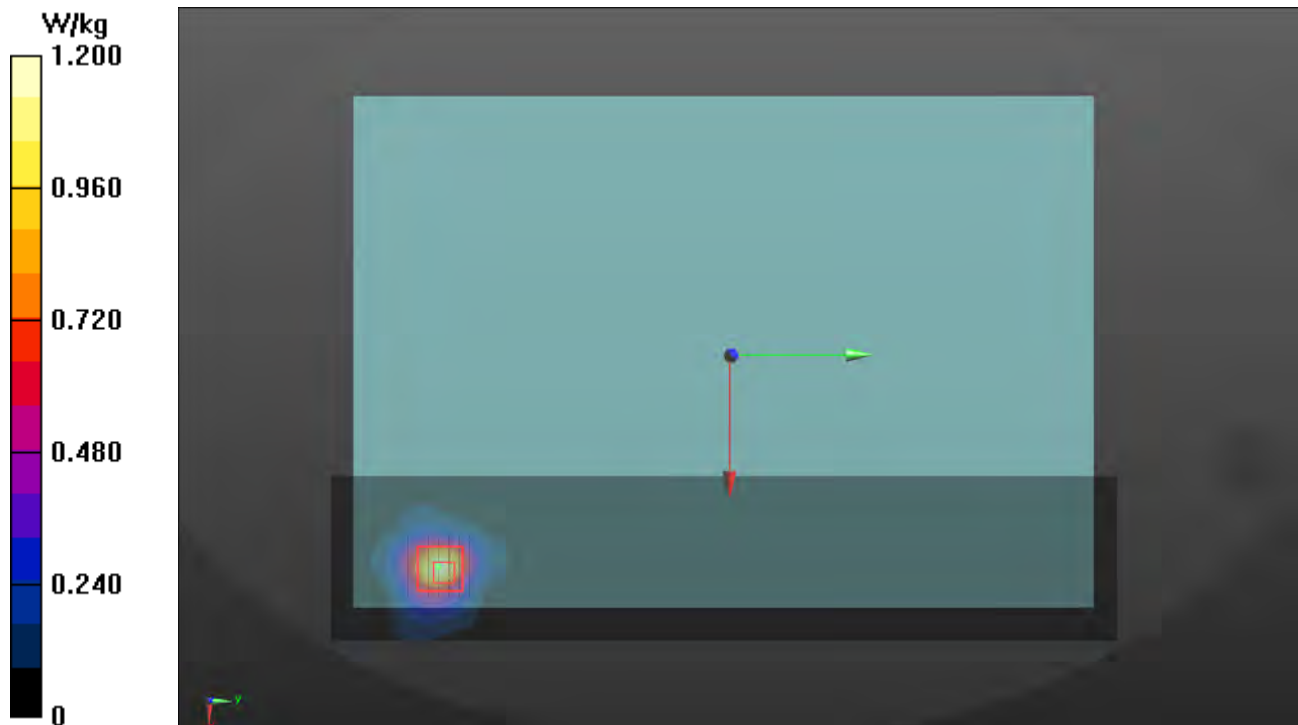
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 1.35 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/5

P28 WLAN5.3G_802.11ac VHT160_Bottom_0mm_Ch50_Antenna Manufacturer Speed_Ant 0+1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5250 MHz; Duty Cycle: 1:1.01

Medium: H51T72N6_1205 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.43$ S/m; $\epsilon_r = 34.454$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(5.14, 5.14, 5.14) @ 5250 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x381x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.31 V/m; Power Drift = -0.02 dB

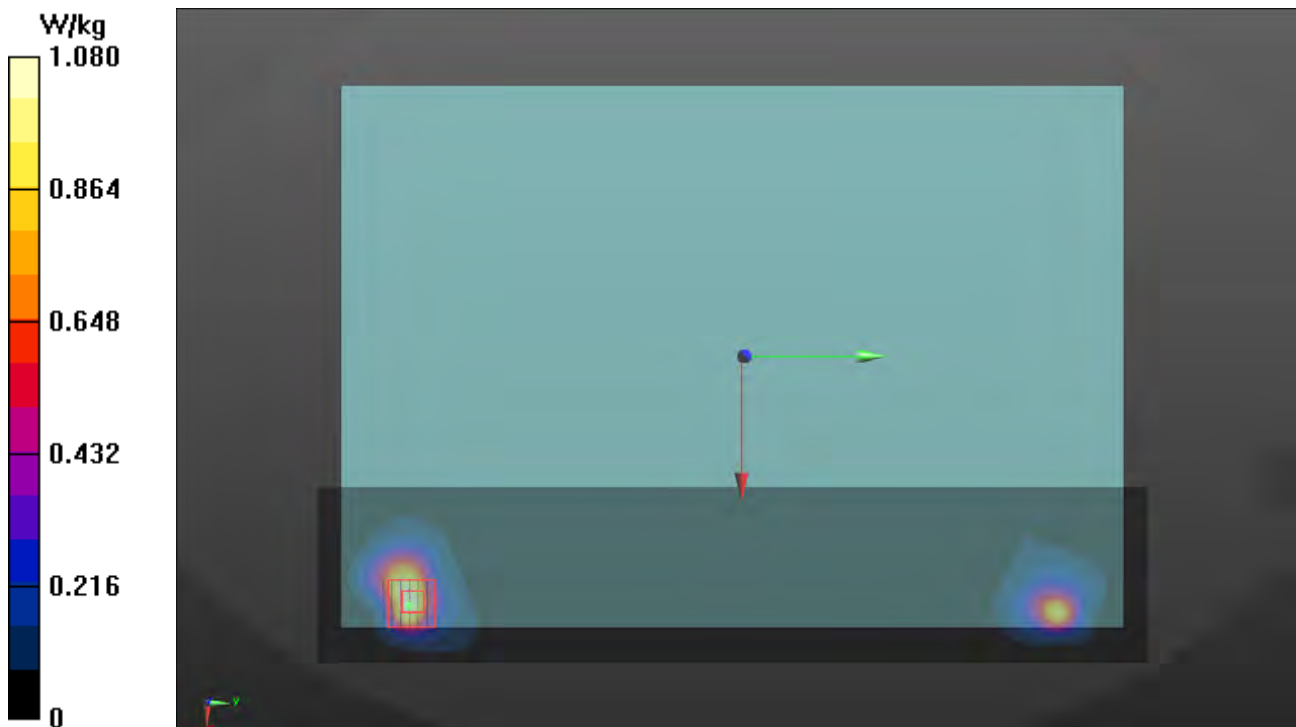
Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.238 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 1.79 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/08

P29 WLAN5.6G_802.11ac VHT160_Bottom_0mm_Ch114_Antenna Manufacturer Speed_Ant 0+1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10554 - AAD, IEEE 802.11ac WiFi (160MHz, MCS0); Frequency: 5570 MHz; Duty Cycle: 1:1.01

Medium: H51T72N6_1208 Medium parameters used: $f = 5570$ MHz; $\sigma = 4.928$ S/m; $\epsilon_r = 35.28$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.61, 4.61, 4.61) @ 5570 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.80 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.220 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 2.21 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.80 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.03 W/kg

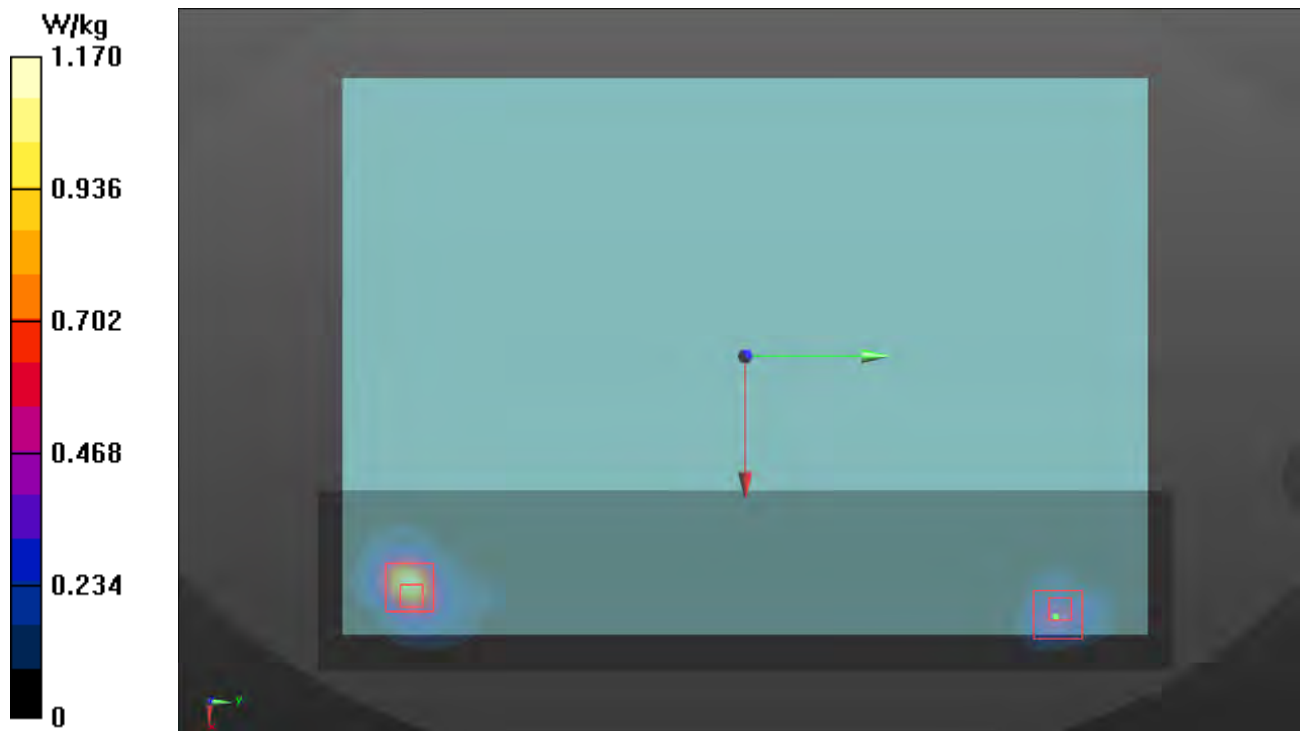
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.156 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65%

Maximum value of SAR (measured) = 1.26 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/08

P31 WLAN5.8G_802.11ac VHT80_Bottom_0mm_Ch155_Antenna Manufacturer Speed_Ant 0+1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0); Frequency: 5775 MHz; Duty Cycle: 1:1.01

Medium: H51T72N6_1208 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.164$ S/m; $\epsilon_r = 34.933$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(4.79, 4.79, 4.79) @ 5775 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.637 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.10 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.205 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 2.22 W/kg

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.10 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

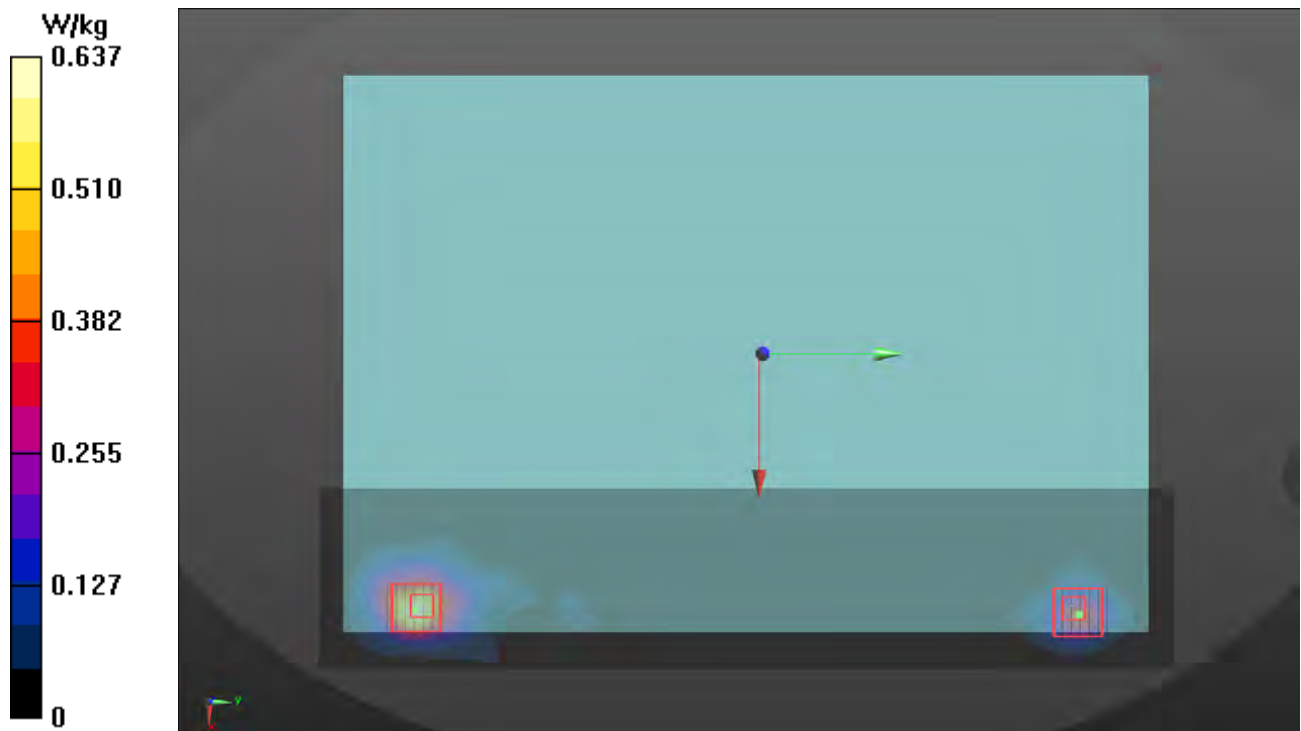
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 63.9%

Maximum value of SAR (measured) = 0.638 W/kg

Plots of Measurement



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/5

P32 BT_BR_EDR_Bottom_0mm_Ch39_Antenna Manufacturer Speed_Ant 1_Power Reduction w_o

DUT: BEDW-WTW-P22090632

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: H06T27N6_1205 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7554; ConvF(7.5, 7.5, 7.5) @ 2441 MHz; Calibrated: 2022/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1341; Calibrated: 2022/7/19
- Phantom: ELI Phantom_2105; Type: QD OVA 004 Ax; Serial: 2105
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x321x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.120 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.917 V/m; Power Drift = -0.05 dB

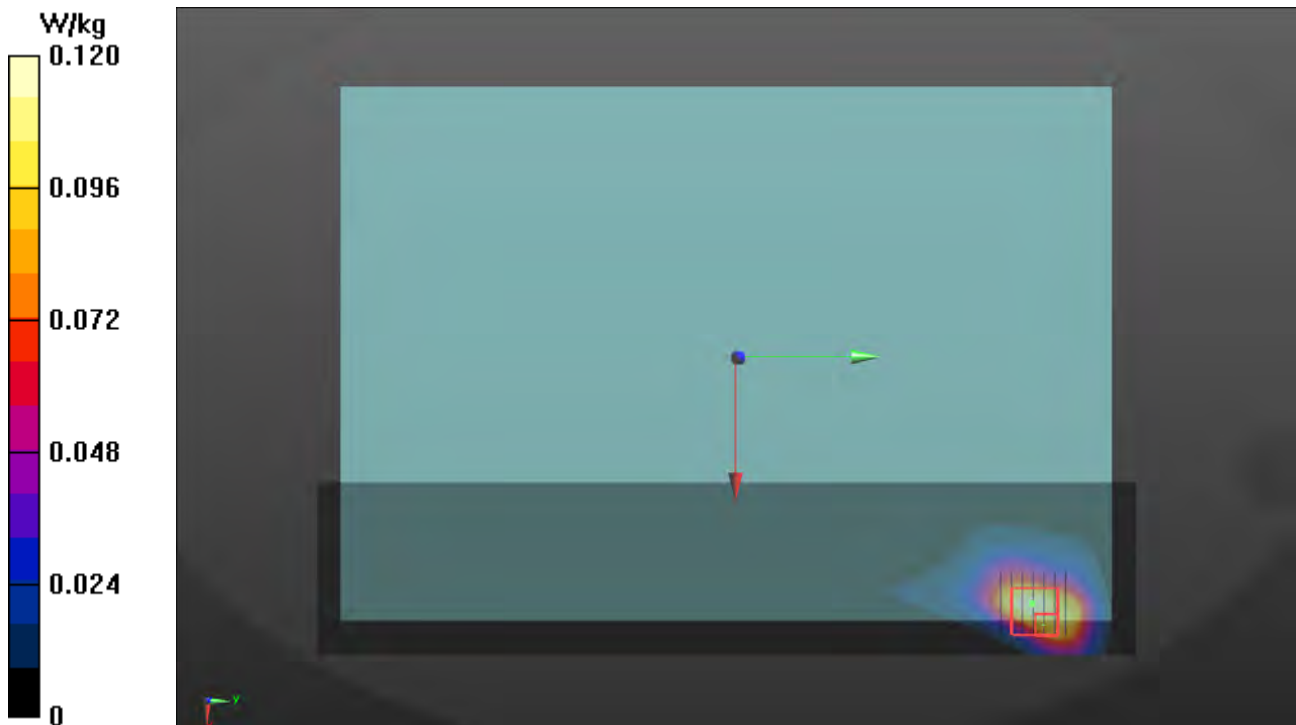
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.036 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 0.192 W/kg



Plots of Measurement

Measurement Report for Device

P33 UNII_5_802.11ax HE160_Bottom_0mm_Ch15_Antenna Manufacturer Speed_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEDW-WTW-P22090632	358.0 x 248.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BOTTOM, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.65	5.45	34.5

Hardware Setup

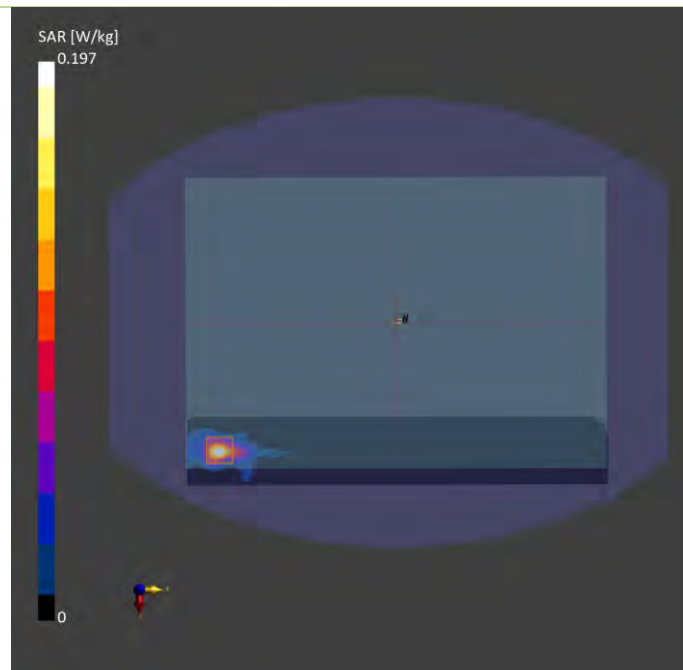
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H50T71N6, 2022-Dec-08	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 360.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-08	2022-12-08
psSAR1g [W/kg]	0.209	0.235
psSAR10g [W/kg]	0.061	0.068
psAPD (1.0cm2, sq) [W/m2]		2.35
psAPD (4.0cm2, sq) [W/m2]		1.57
Power Drift [dB]	0.14	0.07
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		6.5



Plots of Measurement

Measurement Report

P33 PD UNII-5_802.11ax HE160_Bottom_0mm_Ch15_Antenna Manufacturer Speed_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BEDW-WTW-P22090632,	358.0 x 260.0 x 10.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

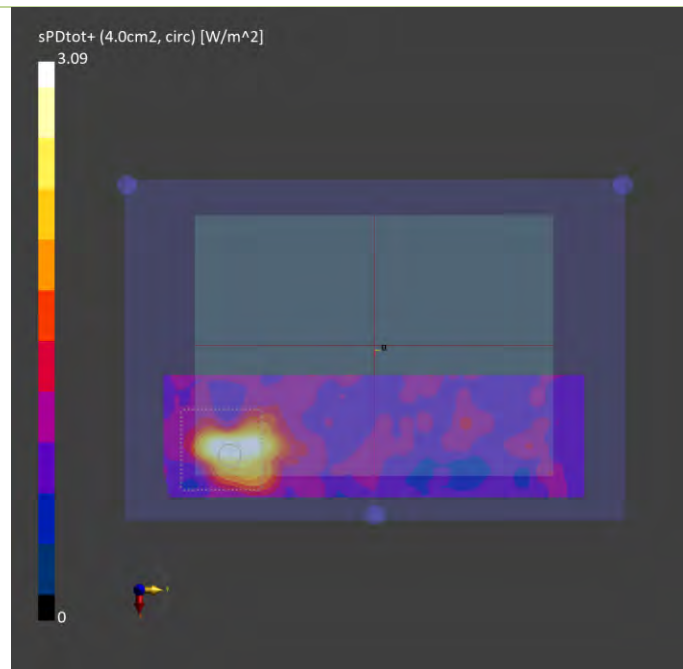
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1030	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1585, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2022-12-12
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.69
psPDtot+ [W/m ²]	3.09
psPDmod+ [W/m ²]	4.28
E _{max} [V/m]	58.1
Power Drift [dB]	-0.12



Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	24.5	24.5
WCDMA Band IV	24.5	24.5
WCDMA Band V	24.5	24.5

LTE Max. Tune-up Power (Full)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	24.0	23.0	22.0	19.0
LTE 4	24.0	23.0	22.0	19.0
LTE 5	25.0	24.0	23.0	20.0
LTE 7	24.0	23.0	22.0	19.0
LTE 12	25.0	24.0	23.0	20.0
LTE 13	25.0	24.0	23.0	20.0
LTE 14	25.0	24.0	23.0	20.0
LTE 17	25.0	24.0	23.0	20.0
LTE 25	24.0	23.0	22.0	19.0
LTE 26	25.0	24.0	23.0	20.0
LTE 30	23.0	22.0	21.0	18.0
LTE 38	24.0	23.0	22.0	19.0
LTE 41	24.0	23.0	22.0	19.0
LTE 41 - HPUE	27.0	26.0	25.0	22.0
LTE 48	22.0	21.0	20.0	17.0
LTE 66	24.0	23.0	22.0	19.0
LTE 71	25.0	24.0	23.0	20.0

5G NR Max. Tune-up Power (Full)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	24.0	24.0	23.0	21.5	19.5
NR 5	25.0	25.0	24.0	22.5	20.5
NR 7	24.0	24.0	23.0	21.5	19.5
NR 25	24.0	24.0	23.0	21.5	19.5
NR 30	23.0	23.0	22.0	20.5	18.5
NR 38	24.0	24.0	23.0	21.5	19.5
NR 41	24.0	24.0	23.0	21.5	19.5
NR 41 - HPUE	27.0	27.0	26.0	24.5	22.5
NR 66	24.0	24.0	23.0	21.5	19.5
NR 71	25.0	25.0	24.0	22.5	20.5
NR 77 - HPUE	27.0	27.0	26.0	24.5	22.5
NR 78 - HPUE	27.0	27.0	26.0	24.5	22.5

5G NR Max. Tune-up Power (Full)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	22.5	22.0	20.5	17.5
NR 5	23.5	23.0	21.5	18.5
NR 7	22.5	22.0	20.5	17.5
NR 25	22.5	22.0	20.5	17.5
NR 30	21.5	21.0	19.5	16.5
NR 38	22.5	22.0	20.5	17.5
NR 41	25.5	25.0	23.5	20.5
NR 41 - HPUE	25.5	25.0	23.5	20.5
NR 66	22.5	22.0	20.5	17.5
NR 71	23.5	23.0	21.5	18.5
NR 77 - HPUE	25.5	25.0	23.5	20.5
NR 78 - HPUE	25.5	25.0	23.5	20.5

WCDMA Max. Tune-up Power (Reduction)		
Mode	RMC 12.2K	HSDPA DC-HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II	N/A	
WCDMA Band IV	N/A	
WCDMA Band V	N/A	

LTE Max. Tune-up Power (Reduction)				
Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2	N.A			
LTE 4	N.A			
LTE 5	N.A			
LTE 7	N.A			
LTE 12	N.A			
LTE 13	N.A			
LTE 14	N.A			
LTE 17	N.A			
LTE 25	N.A			
LTE 26	N.A			
LTE 30	N.A			
LTE 38	N.A			
LTE 41	22.0	21.0	20.0	17.0
LTE 41 - HPUE	N.A			
LTE 48	19.5	18.5	17.5	14.5
LTE 66	N.A			
LTE 71	N.A			

5G NR Max. Tune-up Power (Reduction)					
DFT-S Mode	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	N/A				
NR 5	N/A				
NR 7	N/A				
NR 25	N/A				
NR 30	N/A				
NR 38	N/A				
NR 41	23.0	21.0	20.0	18.5	16.5
NR 41 - HPUE	N/A				
NR 66	N/A				
NR 71	N/A				
NR 77	N/A				
NR 78	N/A				

5G NR Max. Tune-up Power (Reduction)				
CP Mode	QPSK	16QAM	64QAM	256QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
NR 2	N/A			
NR 5	N/A			
NR 7	N/A			
NR 25	N/A			
NR 30	N/A			
NR 38	N/A			
NR 41	23.0	22.5	21.0	18.0
NR 41	N/A			
NR 66	N/A			
NR 71	N/A			
NR 77	N/A			
NR 78	N/A			

Tune-up Power in dBm							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	15.5	15.5			
	6	2437	15.5	15.5			
	11	2462	15.5	15.5			
	12	2467	15.5	15.5			
	13	2472	15.5	15.5			
802.11g	1	2412	15.5	15.5			
	6	2437	15.5	15.5			
	11	2462	15.5	15.5			
	12	2467	15.5	15.5			
	13	2472	12.5	12.5			
802.11n HT20	1	2412	15.5	15.5	15.5	15.5	18.5
	6	2437	15.5	15.5	15.5	15.5	18.5
	11	2462	15.5	15.5	15.5	15.5	18.5
	12	2467	15.5	15.5	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11n HT40	3	2422	15.5	15.5	15.5	15.5	18.5
	6	2437	15.5	15.5	15.5	15.5	18.5
	9	2452	15.5	15.5	15.5	15.5	18.5
	10	2457	13.0	13.0	12.0	12.0	15.0
	11	2462	11.5	11.5	9.0	9.0	12.0
802.11ax HE20	1	2412	15.5	15.5	15.5	15.5	18.5
	6	2437	15.5	15.5	15.5	15.5	18.5
	11	2462	15.5	15.5	15.5	15.5	18.5
	12	2467	15.5	15.5	12.0	12.0	15.0
	13	2472	12.5	12.5	9.0	9.0	12.0
802.11ax HE40	3	2422	15.5	15.5	15.5	15.5	18.5
	6	2437	15.5	15.5	15.5	15.5	18.5
	9	2452	15.5	15.5	15.5	15.5	18.5
	10	2457	13.0	13.0	12.0	12.0	15.0
	11	2462	11.5	11.5	9.0	9.0	12.0

Tune-up Power in dBm					
Bluetooth					
Mode	Channel	Frequency	Ant 0 Max Tune-up	Ant 1 Max Tune-up	
BR / EDR	0	2402		11.0	
	39	2441		11.0	
	78	2480		11.0	
LE	0	2402		7.0	
	19	2440		7.0	
	39	2480		7.0	

Tune-up Power in dBm							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	12.5	12.5			
	40	5200	12.5	12.5			
	44	5220	12.5	12.5			
	48	5240	12.5	12.5			
802.11n HT20	36	5180	12.5	12.5	12.0	12.0	15.0
	40	5200	12.5	12.5	12.0	12.0	15.0
	44	5220	12.5	12.5	12.0	12.0	15.0
	48	5240	12.5	12.5	12.0	12.0	15.0
802.11n HT40	38	5190	12.5	12.5	12.0	12.0	15.0
	46	5230	12.5	12.5	12.0	12.0	15.0
802.11ac VHT80	42	5210	12.5	12.5	12.0	12.0	15.0
802.11ax HE20	36	5180	12.5	12.5	12.0	12.0	15.0
	40	5200	12.5	12.5	12.0	12.0	15.0
	44	5220	12.5	12.5	12.0	12.0	15.0
	48	5240	12.5	12.5	12.0	12.0	15.0
802.11ax HE40	38	5190	12.5	12.5	12.0	12.0	15.0
	46	5230	12.5	12.5	12.0	12.0	15.0
802.11ax HE80	42	5210	12.5	12.5	12.0	12.0	15.0

Tune-up Power in dBm							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	12.5	12.5			
	56	5280	12.5	12.5			
	60	5300	12.5	12.5			
	64	5320	12.5	12.5			
802.11n HT20	52	5260	12.5	12.5	12.5	12.5	15.5
	56	5280	12.5	12.5	12.5	12.5	15.5
	60	5300	12.5	12.5	12.5	12.5	15.5
	64	5320	12.5	12.5	12.5	12.5	15.5
802.11n HT40	54	5270	12.5	12.5	12.5	12.5	15.5
	62	5310	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	58	5290	12.5	12.5	12.5	12.5	15.5
802.11ac VHT160	50	5250	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	52	5260	12.5	12.5	12.5	12.5	15.5
	56	5280	12.5	12.5	12.5	12.5	15.5
	60	5300	12.5	12.5	12.5	12.5	15.5
	64	5320	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	54	5270	12.5	12.5	12.5	12.5	15.5
	62	5310	12.5	12.5	12.5	12.5	15.5
802.11ax HE80	58	5290	12.5	12.5	12.5	12.5	15.5
802.11ax HE160	50	5250	12.5	12.5	12.5	12.5	15.5

Tune-up Power in dBm							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	12.5	12.5			
	116	5580	12.5	12.5			
	120	5600	12.5	12.5			
	124	5620	12.5	12.5			
	132	5660	12.5	12.5			
	140	5700	12.5	12.5			
	144	5720	12.5	12.5			
802.11n HT20	100	5500	12.5	12.5	12.5	12.5	15.5
	116	5580	12.5	12.5	12.5	12.5	15.5
	120	5600	12.5	12.5	12.5	12.5	15.5
	124	5620	12.5	12.5	12.5	12.5	15.5
	132	5660	12.5	12.5	12.5	12.5	15.5
	140	5700	12.5	12.5	12.5	12.5	15.5
	144	5720	12.5	12.5	12.5	12.5	15.5
802.11n HT40	102	5510	12.5	12.5	12.5	12.5	15.5
	110	5550	12.5	12.5	12.5	12.5	15.5
	118	5590	12.5	12.5	12.5	12.5	15.5
	126	5630	12.5	12.5	12.5	12.5	15.5
	134	5670	12.5	12.5	12.5	12.5	15.5
	142	5710	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	106	5530	12.5	12.5	12.5	12.5	15.5
	122	5610	12.5	12.5	12.5	12.5	15.5
	138	5690	12.5	12.5	12.5	12.5	15.5
802.11ac VHT160	114	5570	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	100	5500	12.5	12.5	12.5	12.5	15.5
	116	5580	12.5	12.5	12.5	12.5	15.5
	120	5600	12.5	12.5	12.5	12.5	15.5
	124	5620	12.5	12.5	12.5	12.5	15.5
	132	5660	12.5	12.5	12.5	12.5	15.5
	140	5700	12.5	12.5	12.5	12.5	15.5
	144	5720	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	102	5510	12.5	12.5	12.5	12.5	15.5
	110	5550	12.5	12.5	12.5	12.5	15.5
	118	5590	12.5	12.5	12.5	12.5	15.5
	126	5630	12.5	12.5	12.5	12.5	15.5
	134	5670	12.5	12.5	12.5	12.5	15.5
	142	5710	12.5	12.5	12.5	12.5	15.5
802.11ax HE80	106	5530	12.5	12.5	12.5	12.5	15.5
	122	5610	12.5	12.5	12.5	12.5	15.5
	138	5690	12.5	12.5	12.5	12.5	15.5
802.11ax HE160	114	5570	12.5	12.5	12.5	12.5	15.5

Tune-up Power in dBm							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	12.5	12.5			
	153	5765	12.5	12.5			
	157	5785	12.5	12.5			
	161	5805	12.5	12.5			
	165	5825	12.5	12.5			
802.11n HT20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11n HT40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ac VHT80	155	5775	12.5	12.5	12.5	12.5	15.5
802.11ax HE20	149	5745	12.5	12.5	12.5	12.5	15.5
	153	5765	12.5	12.5	12.5	12.5	15.5
	157	5785	12.5	12.5	12.5	12.5	15.5
	161	5805	12.5	12.5	12.5	12.5	15.5
	165	5825	12.5	12.5	12.5	12.5	15.5
802.11ax HE40	151	5755	12.5	12.5	12.5	12.5	15.5
	159	5795	12.5	12.5	12.5	12.5	15.5
802.11ax HE80	155	5775	12.5	12.5	12.5	12.5	15.5

Tune-up Power in dBm							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	1	5955	5.0	5.0	2.0	2.0	5.0
	5	5975	5.0	5.0	2.0	2.0	5.0
	9	5995	5.0	5.0	2.0	2.0	5.0
	13	6015	5.0	5.0	2.0	2.0	5.0
	17	6035	5.0	5.0	2.0	2.0	5.0
	21	6055	5.0	5.0	2.0	2.0	5.0
	25	6075	5.0	5.0	2.0	2.0	5.0
	29	6095	5.0	5.0	2.0	2.0	5.0
	33	6115	5.0	5.0	2.0	2.0	5.0
	37	6135	5.0	5.0	2.0	2.0	5.0
	41	6155	5.0	5.0	2.0	2.0	5.0
	45	6175	5.0	5.0	2.0	2.0	5.0
	49	6195	5.0	5.0	2.0	2.0	5.0
	53	6215	5.0	5.0	2.0	2.0	5.0
	57	6235	5.0	5.0	2.0	2.0	5.0
	61	6255	5.0	5.0	2.0	2.0	5.0
	65	6275	5.0	5.0	2.0	2.0	5.0
	69	6295	5.0	5.0	2.0	2.0	5.0
	73	6315	5.0	5.0	2.0	2.0	5.0
	77	6335	5.0	5.0	2.0	2.0	5.0
	81	6355	5.0	5.0	2.0	2.0	5.0
	85	6375	5.0	5.0	2.0	2.0	5.0
	89	6395	5.0	5.0	2.0	2.0	5.0
	93	6415	5.0	5.0	2.0	2.0	5.0
802.11ax HE40	3	5965	8.0	8.0	5.0	5.0	8.0
	11	6005	8.0	8.0	5.0	5.0	8.0
	19	6045	8.0	8.0	5.0	5.0	8.0
	27	6085	8.0	8.0	5.0	5.0	8.0
	35	6125	8.0	8.0	5.0	5.0	8.0
	43	6165	8.0	8.0	5.0	5.0	8.0
	51	6205	8.0	8.0	5.0	5.0	8.0
	59	6245	8.0	8.0	5.0	5.0	8.0
	67	6285	8.0	8.0	5.0	5.0	8.0
	75	6325	8.0	8.0	5.0	5.0	8.0
	83	6365	8.0	8.0	5.0	5.0	8.0
	91	6405	8.0	8.0	5.0	5.0	8.0
802.11ax HE80	7	5985	10.0	10.0	7.0	7.0	10.0
	23	6065	10.0	10.0	7.0	7.0	10.0
	39	6145	10.0	10.0	7.0	7.0	10.0
	55	6225	10.0	10.0	7.0	7.0	10.0
	71	6305	10.0	10.0	7.0	7.0	10.0
	87	6385	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	15	6025	10.0	10.0	10.0	10.0	13.0
	47	6185	10.0	10.0	10.0	10.0	13.0
	79	6345	10.0	10.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-6							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	97	6435	5.0	5.0	2.0	2.0	5.0
	101	6455	5.0	5.0	2.0	2.0	5.0
	105	6475	5.0	5.0	2.0	2.0	5.0
	109	6495	5.0	5.0	2.0	2.0	5.0
	113	6515	5.0	5.0	2.0	2.0	5.0
	117	6535	5.0	5.0	2.0	2.0	5.0
802.11ax HE40	99	6445	8.0	8.0	5.0	5.0	8.0
	107	6485	8.0	8.0	5.0	5.0	8.0
	115	6525	8.0	8.0	5.0	5.0	8.0
802.11ax HE80	103	6465	10.0	10.0	7.0	7.0	10.0
	119	6545	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	111	6505	10.0	10.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-7							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	121	6555	5.0	5.0	2.0	2.0	5.0
	125	6575	5.0	5.0	2.0	2.0	5.0
	129	6595	5.0	5.0	2.0	2.0	5.0
	133	6615	5.0	5.0	2.0	2.0	5.0
	137	6635	5.0	5.0	2.0	2.0	5.0
	141	6655	5.0	5.0	2.0	2.0	5.0
	145	6675	5.0	5.0	2.0	2.0	5.0
	149	6695	5.0	5.0	2.0	2.0	5.0
	153	6715	5.0	5.0	2.0	2.0	5.0
	157	6735	5.0	5.0	2.0	2.0	5.0
	161	6755	5.0	5.0	2.0	2.0	5.0
	165	6775	5.0	5.0	2.0	2.0	5.0
	169	6795	5.0	5.0	2.0	2.0	5.0
	173	6815	5.0	5.0	2.0	2.0	5.0
	177	6835	5.0	5.0	2.0	2.0	5.0
	181	6855	5.0	5.0	2.0	2.0	5.0
	185	6875	5.0	5.0	2.0	2.0	5.0
802.11ax HE40	123	6565	8.0	8.0	5.0	5.0	8.0
	131	6605	8.0	8.0	5.0	5.0	8.0
	139	6645	8.0	8.0	5.0	5.0	8.0
	147	6685	8.0	8.0	5.0	5.0	8.0
	155	6725	8.0	8.0	5.0	5.0	8.0
	163	6765	8.0	8.0	5.0	5.0	8.0
	171	6805	8.0	8.0	5.0	5.0	8.0
	179	6845	8.0	8.0	5.0	5.0	8.0
	187	6885	8.0	8.0	5.0	5.0	8.0
802.11ax HE80	135	6625	10.0	10.0	7.0	7.0	10.0
	151	6705	10.0	10.0	7.0	7.0	10.0
	167	6785	10.0	10.0	7.0	7.0	10.0
	183	6865	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	143	6665	10.0	10.0	10.0	10.0	13.0
	175	6825	10.0	10.0	10.0	10.0	13.0

Tune-up Power in dBm							
UNII-8							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE20	189	6895	5.0	5.0	2.0	2.0	5.0
	193	6915	5.0	5.0	2.0	2.0	5.0
	197	6935	5.0	5.0	2.0	2.0	5.0
	201	6955	5.0	5.0	2.0	2.0	5.0
	205	6975	5.0	5.0	2.0	2.0	5.0
	209	6995	5.0	5.0	2.0	2.0	5.0
	213	7015	5.0	5.0	2.0	2.0	5.0
	217	7035	5.0	5.0	2.0	2.0	5.0
	221	7055	5.0	5.0	2.0	2.0	5.0
	225	7075	5.0	5.0	2.0	2.0	5.0
	229	7095	5.0	5.0	2.0	2.0	5.0
	233	7115	5.0	5.0	2.0	2.0	5.0
802.11ax HE40	195	6925	8.0	8.0	5.0	5.0	8.0
	203	6965	8.0	8.0	5.0	5.0	8.0
	211	7005	8.0	8.0	5.0	5.0	8.0
	219	7045	8.0	8.0	5.0	5.0	8.0
	227	7085	8.0	8.0	5.0	5.0	8.0
802.11ax HE80	199	6945	10.0	10.0	7.0	7.0	10.0
	215	7025	10.0	10.0	7.0	7.0	10.0
802.11ax HE160	207	6985	10.0	10.0	10.0	10.0	13.0

Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

WCDMA Conducted Power (Full)

Band	WCDMA II			WCDMA IV			WCDMA V		
TX Channel	9262	9400	9538	1312	1413	1513	4132	4182	4233
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	23.26	23.68	23.47	23.85	23.87	23.79	23.04	23.12	22.93
HSDPA Subtest-1	22.66	23.08	22.87	23.24	23.26	23.18	22.78	23.06	22.71
HSDPA Subtest-2	22.62	23.04	22.83	23.21	23.23	23.15	22.75	23.03	22.68
HSDPA Subtest-3	22.15	22.57	22.36	22.76	22.78	22.70	22.37	22.65	22.30
HSDPA Subtest-4	22.10	22.52	22.31	22.72	22.74	22.66	22.34	22.62	22.27
DC-HSDPA Subtest-1	22.64	23.06	22.85	23.21	23.23	23.15	22.75	23.03	22.68
DC-HSDPA Subtest-2	22.59	23.01	22.80	23.19	23.21	23.13	22.73	23.01	22.66
DC-HSDPA Subtest-3	22.10	22.52	22.31	22.73	22.75	22.67	22.34	22.62	22.27
DC-HSDPA Subtest-4	22.06	22.48	22.27	22.69	22.71	22.63	22.31	22.59	22.24
HSUPA Subtest-1	22.56	22.98	22.77	23.19	23.21	23.13	22.74	23.02	22.67
HSUPA Subtest-2	20.52	20.94	20.73	21.17	21.19	21.11	20.69	20.97	20.62
HSUPA Subtest-3	21.59	22.01	21.80	22.30	22.32	22.24	21.66	21.94	21.59
HSUPA Subtest-4	20.63	20.86	20.65	20.96	20.98	20.90	20.69	20.97	20.62
HSUPA Subtest-5	22.56	22.78	22.57	23.06	23.08	23.00	22.73	23.01	22.66

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		18700	18900	19100	
		Frequency (MHz)		1860	1880	1900	
20M	QPSK	1	0	23.29	23.46	23.36	0
		1	50	23.27	23.44	23.34	0
		1	99	23.23	23.4	23.3	0
		50	0	22.36	22.53	22.43	1
		50	25	22.31	22.48	22.38	1
		50	50	22.26	22.43	22.33	1
		100	0	22.28	22.46	22.35	1
20M	16QAM	1	0	22.28	22.45	22.35	1
		1	50	22.26	22.43	22.33	1
		1	99	22.22	22.39	22.29	1
		50	0	21.31	21.48	21.38	2
		50	25	21.29	21.46	21.36	2
		50	50	21.26	21.43	21.33	2
		100	0	21.27	21.44	21.34	2
20M	64QAM	1	0	21.3	21.47	21.37	2
		1	50	21.27	21.44	21.34	2
		1	99	21.22	21.39	21.29	2
		50	0	20.36	20.53	20.43	3
		50	25	20.32	20.49	20.39	3
		50	50	20.27	20.44	20.34	3
		100	0	20.28	20.45	20.35	3
20M	256QAM	1	0	18.33	18.5	18.4	5
		1	50	18.31	18.48	18.38	5
		1	99	18.27	18.44	18.34	5
		50	0	18.27	18.44	18.34	5
		50	25	18.24	18.41	18.31	5
		50	50	18.2	18.37	18.27	5
		100	0	18.22	18.39	18.29	5
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	23.2	23.41	23.27	0
		1	37	23.17	23.43	23.31	0
		1	74	23.23	23.33	23.21	0
		36	0	22.26	22.49	22.41	1
		36	19	22.29	22.46	22.36	1
		36	39	22.17	22.33	22.23	1
		75	0	22.24	22.42	22.33	1
15M	16QAM	1	0	22.27	22.39	22.29	1
		1	37	22.26	22.37	22.26	1
		1	74	22.15	22.3	22.29	1
		36	0	21.22	21.41	21.37	2
		36	19	21.22	21.4	21.36	2
		36	39	21.21	21.41	21.32	2
		75	0	21.24	21.35	21.32	2
15M	64QAM	1	0	21.28	21.39	21.33	2
		1	37	21.27	21.4	21.32	2
		1	74	21.16	21.34	21.28	2
		36	0	20.36	20.44	20.35	3
		36	19	20.27	20.43	20.29	3
		36	39	20.23	20.41	20.33	3
		75	0	20.18	20.44	20.34	3
15M	256QAM	1	0	18.28	18.45	18.33	5
		1	37	18.21	18.4	18.28	5
		1	74	18.19	18.35	18.27	5
		36	0	18.26	18.42	18.26	5
		36	19	18.2	18.4	18.24	5
		36	39	18.18	18.37	18.26	5
		75	0	18.19	18.34	18.2	5

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	QPSK	1	0	23.2	23.35	23.26	0
		1	24	23.08	23.43	23.3	0
		1	49	23.07	23.36	23.15	0
		25	0	22.34	22.3	22.23	1
		25	12	22.23	22.27	22.16	1
		25	25	22.16	22.37	22.2	1
		50	0	22.18	22.4	22.22	1
10M	16QAM	1	0	22.1	22.25	22.33	1
		1	24	22.06	22.31	22.26	1
		1	49	22.07	22.19	22.2	1
		25	0	21.24	21.31	21.34	2
		25	12	21.11	21.26	21.22	2
		25	25	21.21	21.2	21.22	2
		50	0	21.07	21.31	21.21	2
10M	64QAM	1	0	21.11	21.41	21.15	2
		1	24	21.19	21.39	21.11	2
		1	49	21.1	21.29	21.23	2
		25	0	20.19	20.38	20.3	3
		25	12	20.17	20.46	20.21	3
		25	25	20.09	20.38	20.14	3
		50	0	20.23	20.36	20.14	3
10M	256QAM	1	0	18.25	18.41	18.38	5
		1	24	18.24	18.41	18.32	5
		1	49	18.26	18.37	18.28	5
		25	0	18.24	18.42	18.32	5
		25	12	18.23	18.39	18.31	5
		25	25	18.19	18.3	18.27	5
		50	0	18.21	18.37	18.19	5
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	23.05	23.38	23.27	0
		1	12	23.1	23.25	23.27	0
		1	24	23.08	23.3	23.23	0
		12	0	22.22	22.46	22.32	1
		12	6	22.15	22.41	22.28	1
		12	13	22.2	22.28	22.23	1
		25	0	22.22	22.25	22.21	1
5M	16QAM	1	0	22.19	22.22	22.14	1
		1	12	22.18	22.32	22.26	1
		1	24	22.06	22.22	22.14	1
		12	0	21.22	21.44	21.16	2
		12	6	21.16	21.35	21.24	2
		12	13	21.13	21.3	21.23	2
		25	0	21.06	21.25	21.15	2
5M	64QAM	1	0	21.28	21.35	21.19	2
		1	12	21.11	21.23	21.25	2
		1	24	21.04	21.29	21.19	2
		12	0	20.24	20.38	20.27	3
		12	6	20.25	20.37	20.28	3
		12	13	20.23	20.4	20.19	3
		25	0	20.14	20.43	20.24	3
5M	256QAM	1	0	18.31	18.48	18.39	5
		1	12	18.24	18.47	18.35	5
		1	24	18.17	18.39	18.27	5
		12	0	18.27	18.37	18.3	5
		12	6	18.2	18.33	18.24	5
		12	13	18.12	18.37	18.23	5
		25	0	18.13	18.34	18.21	5

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequency (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	23.07	23.26	23.21	0
		1	7	23.11	23.33	23.09	0
		1	14	23.03	23.3	23.12	0
		8	0	22.25	22.36	22.27	1
		8	3	22.16	22.38	22.2	1
		8	7	22.24	22.4	22.17	1
		15	0	22.13	22.3	22.24	1
3M	16QAM	1	0	22.12	22.34	22.17	1
		1	7	22.14	22.31	22.29	1
		1	14	22.08	22.26	22.21	1
		8	0	21.13	21.35	21.22	2
		8	3	21.13	21.37	21.25	2
		8	7	21.16	21.31	21.16	2
		15	0	21.16	21.29	21.29	2
3M	64QAM	1	0	21.08	21.28	21.21	2
		1	7	21.05	21.37	21.31	2
		1	14	21.01	21.16	21.21	2
		8	0	20.12	20.46	20.36	3
		8	3	20.13	20.25	20.35	3
		8	7	20.21	20.3	20.11	3
		15	0	20.11	20.33	20.16	3
3M	256QAM	1	0	18.26	18.46	18.34	5
		1	7	18.25	18.46	18.37	5
		1	14	18.17	18.36	18.33	5
		8	0	18.26	18.35	18.26	5
		8	3	18.18	18.41	18.27	5
		8	7	18.18	18.31	18.24	5
		15	0	18.14	18.31	18.25	5
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequency (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	23.09	23.37	23.15	0
		1	2	23.21	23.28	23.28	0
		1	5	23.16	23.26	23.2	0
		3	0	22.25	22.44	22.31	0
		3	1	22.19	22.44	22.32	0
		3	3	22.26	22.18	22.18	0
		6	0	22.06	22.31	22.17	1
1.4M	16QAM	1	0	22.11	22.4	22.31	1
		1	2	22.16	22.3	22.17	1
		1	5	22	22.34	22.13	1
		3	0	21.21	21.4	21.18	1
		3	1	21.16	21.34	21.29	1
		3	3	21.13	21.35	21.11	1
		6	0	21.04	21.32	21.15	2
1.4M	64QAM	1	0	21.13	21.3	21.31	2
		1	2	21.13	21.37	21.27	2
		1	5	21.01	21.3	21.07	2
		3	0	20.14	20.41	20.36	2
		3	1	20.09	20.39	20.26	2
		3	3	20.08	20.28	20.29	2
		6	0	20.25	20.33	20.17	3
1.4M	256QAM	1	0	18.29	18.42	18.39	5
		1	2	18.21	18.38	18.36	5
		1	5	18.27	18.4	18.32	5
		3	0	18.25	18.44	18.32	5
		3	1	18.21	18.35	18.29	5
		3	3	18.15	18.3	18.26	5
		6	0	18.19	18.39	18.24	5

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20050	20175	20300	
		Frequency (MHz)		1720	1732.5	1745	
20M	QPSK	1	0	23.34	23.38	23.37	0
		1	50	23.31	23.35	23.34	0
		1	99	23.29	23.33	23.32	0
		50	0	22.36	22.41	22.39	1
		50	25	22.34	22.38	22.37	1
		50	50	22.3	22.34	22.33	1
		100	0	22.32	22.38	22.35	1
20M	16QAM	1	0	22.32	22.36	22.35	1
		1	50	22.29	22.33	22.32	1
		1	99	22.26	22.3	22.29	1
		50	0	21.39	21.43	21.42	2
		50	25	21.36	21.4	21.39	2
		50	50	21.33	21.37	21.36	2
		100	0	21.35	21.39	21.38	2
20M	64QAM	1	0	21.37	21.41	21.4	2
		1	50	21.35	21.39	21.38	2
		1	99	21.31	21.35	21.34	2
		50	0	20.4	20.44	20.43	3
		50	25	20.35	20.39	20.38	3
		50	50	20.31	20.35	20.34	3
		100	0	20.33	20.37	20.36	3
20M	256QAM	1	0	18.47	18.51	18.5	5
		1	50	18.44	18.48	18.47	5
		1	99	18.4	18.44	18.43	5
		50	0	18.42	18.46	18.45	5
		50	25	18.39	18.43	18.42	5
		50	50	18.32	18.36	18.35	5
		100	0	18.35	18.39	18.38	5
BW	MCS Index	Channel		20025	20175	20325	3GPP MPR
		Frequency (MHz)		1717.5	1732.5	1747.5	
15M	QPSK	1	0	23.3	23.28	23.27	0
		1	37	23.31	23.27	23.26	0
		1	74	23.2	23.3	23.29	0
		36	0	22.33	22.4	22.34	1
		36	19	22.28	22.28	22.34	1
		36	39	22.23	22.3	22.28	1
		75	0	22.29	22.35	22.29	1
15M	16QAM	1	0	22.27	22.33	22.34	1
		1	37	22.23	22.24	22.28	1
		1	74	22.22	22.22	22.19	1
		36	0	21.39	21.4	21.33	2
		36	19	21.3	21.38	21.34	2
		36	39	21.31	21.27	21.3	2
		75	0	21.31	21.29	21.28	2
15M	64QAM	1	0	21.37	21.39	21.39	2
		1	37	21.29	21.32	21.28	2
		1	74	21.25	21.28	21.3	2
		36	0	20.3	20.37	20.37	3
		36	19	20.3	20.33	20.38	3
		36	39	20.23	20.35	20.27	3
		75	0	20.3	20.35	20.3	3
15M	256QAM	1	0	18.44	18.51	18.4	5
		1	37	18.4	18.46	18.4	5
		1	74	18.35	18.44	18.35	5
		36	0	18.37	18.46	18.44	5
		36	19	18.32	18.37	18.33	5
		36	39	18.25	18.36	18.26	5
		75	0	18.29	18.36	18.33	5

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS Index	Channel		20000	20175	20350	3GPP MPR
		Frequency (MHz)		1715	1732.5	1750	
10M	QPSK	1	0	23.21	23.13	23.26	0
		1	24	23.16	23.26	23.24	0
		1	49	23.17	23.13	23.17	0
		25	0	22.27	22.25	22.33	1
		25	12	22.32	22.25	22.19	1
		25	25	22.17	22.27	22.24	1
		50	0	22.18	22.31	22.1	1
10M	16QAM	1	0	22.15	22.24	22.26	1
		1	24	22.2	22.19	22.09	1
		1	49	22.21	22.24	22.11	1
		25	0	21.18	21.34	21.4	2
		25	12	21.15	21.3	21.24	2
		25	25	21.33	21.24	21.15	2
		50	0	21.19	21.27	21.23	2
10M	64QAM	1	0	21.26	21.29	21.19	2
		1	24	21.26	21.23	21.22	2
		1	49	21.18	21.11	21.25	2
		25	0	20.24	20.3	20.37	3
		25	12	20.21	20.24	20.25	3
		25	25	20.11	20.31	20.17	3
		50	0	20.32	20.34	20.27	3
10M	256QAM	1	0	18.38	18.46	18.46	5
		1	24	18.38	18.38	18.44	5
		1	49	18.32	18.35	18.41	5
		25	0	18.35	18.39	18.45	5
		25	12	18.31	18.34	18.39	5
		25	25	18.26	18.32	18.33	5
		50	0	18.3	18.35	18.37	5
BW	MCS Index	Channel		19975	20175	20375	3GPP MPR
		Frequency (MHz)		1712.5	1732.5	1752.5	
5M	QPSK	1	0	23.22	23.2	23.21	0
		1	12	23.29	23.17	23.15	0
		1	24	23.09	23.21	23.27	0
		12	0	22.22	22.21	22.3	1
		12	6	22.26	22.22	22.28	1
		12	13	22.17	22.24	22.23	1
		25	0	22.3	22.25	22.25	1
5M	16QAM	1	0	22.17	22.21	22.16	1
		1	12	22.09	22.21	22.21	1
		1	24	22.13	22.09	22.2	1
		12	0	21.26	21.27	21.27	2
		12	6	21.2	21.25	21.27	2
		12	13	21.27	21.23	21.24	2
		25	0	21.16	21.2	21.16	2
5M	64QAM	1	0	21.2	21.28	21.2	2
		1	12	21.25	21.37	21.29	2
		1	24	21.22	21.17	21.11	2
		12	0	20.15	20.39	20.28	3
		12	6	20.19	20.34	20.31	3
		12	13	20.18	20.32	20.23	3
		25	0	20.19	20.23	20.26	3
5M	256QAM	1	0	18.38	18.43	18.44	5
		1	12	18.41	18.44	18.43	5
		1	24	18.37	18.36	18.34	5
		12	0	18.34	18.46	18.35	5
		12	6	18.33	18.43	18.35	5
		12	13	18.26	18.28	18.29	5
		25	0	18.34	18.32	18.37	5

LTE Conducted Power (Full)							
LTE Band 4							
BW	MCS Index	Channel		19965	20175	20385	3GPP MPR
		Frequency (MHz)		1711.5	1732.5	1753.5	
3M	QPSK	1	0	23.26	23.34	23.36	0
		1	7	23.26	23.3	23.3	0
		1	14	23.22	23.29	23.28	0
		8	0	22.26	22.37	22.29	1
		8	3	22.24	22.28	22.34	1
		8	7	22.3	22.29	22.25	1
		15	0	22.22	22.29	22.27	1
3M	16QAM	1	0	22.23	22.26	22.29	1
		1	7	22.2	22.3	22.22	1
		1	14	22.25	22.24	22.19	1
		8	0	21.39	21.39	21.39	2
		8	3	21.26	21.38	21.29	2
		8	7	21.32	21.37	21.35	2
		15	0	21.33	21.34	21.29	2
3M	64QAM	1	0	21.31	21.41	21.37	2
		1	7	21.26	21.29	21.34	2
		1	14	21.31	21.29	21.32	2
		8	0	20.39	20.37	20.33	3
		8	3	20.25	20.3	20.35	3
		8	7	20.29	20.29	20.33	3
		15	0	20.28	20.33	20.32	3
3M	256QAM	1	0	18.37	18.45	18.5	5
		1	7	18.41	18.43	18.44	5
		1	14	18.31	18.43	18.41	5
		8	0	18.35	18.46	18.38	5
		8	3	18.38	18.37	18.4	5
		8	7	18.32	18.36	18.27	5
		15	0	18.32	18.31	18.38	5
BW	MCS Index	Channel		19957	20175	20393	3GPP MPR
		Frequency (MHz)		1710.7	1732.5	1754.3	
1.4M	QPSK	1	0	23.15	23.23	23.23	0
		1	2	23.28	23.14	23.16	0
		1	5	23.21	23.27	23.18	0
		3	0	22.31	22.21	22.34	0
		3	1	22.23	22.19	22.25	0
		3	3	22.24	22.25	22.26	0
		6	0	22.12	22.13	22.27	1
1.4M	16QAM	1	0	22.17	22.3	22.23	1
		1	2	22.12	22.22	22.17	1
		1	5	22.07	22.28	22.12	1
		3	0	21.29	21.31	21.21	1
		3	1	21.32	21.32	21.3	1
		3	3	21.21	21.23	21.22	1
		6	0	21.23	21.29	21.23	2
1.4M	64QAM	1	0	21.18	21.36	21.39	2
		1	2	21.19	21.24	21.35	2
		1	5	21.2	21.22	21.17	2
		3	0	20.33	20.26	20.29	2
		3	1	20.25	20.18	20.26	2
		3	3	20.25	20.13	20.17	2
		6	0	20.25	20.32	20.25	3
1.4M	256QAM	1	0	18.41	18.44	18.46	5
		1	2	18.35	18.45	18.47	5
		1	5	18.38	18.44	18.33	5
		3	0	18.36	18.36	18.4	5
		3	1	18.39	18.38	18.4	5
		3	3	18.31	18.31	18.35	5
		6	0	18.34	18.36	18.29	5

LTE Conducted Power (Full)							
LTE Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20450	20525	20600	
		Frequency (MHz)		829	836.5	844	
10M	QPSK	1	0	23.47	23.53	23.5	0
		1	24	23.43	23.49	23.46	0
		1	49	23.41	23.47	23.44	0
		25	0	22.52	22.58	22.55	1
		25	12	22.48	22.54	22.51	1
		25	25	22.43	22.49	22.46	1
10M	16QAM	50	0	22.47	22.53	22.5	1
		1	0	22.45	22.51	22.48	1
		1	24	22.42	22.48	22.45	1
		1	49	22.41	22.47	22.44	1
		25	0	21.44	21.5	21.47	2
		25	12	21.41	21.47	21.44	2
10M	64QAM	25	25	21.37	21.43	21.4	2
		50	0	21.38	21.44	21.41	2
		1	0	21.39	21.45	21.42	2
		1	24	21.37	21.43	21.4	2
		1	49	21.34	21.4	21.37	2
		25	0	20.45	20.51	20.48	3
10M	256QAM	25	12	20.41	20.47	20.44	3
		25	25	20.35	20.41	20.38	3
		50	0	20.38	20.44	20.41	3
		1	0	18.57	18.63	18.6	5
		1	24	18.54	18.6	18.57	5
		1	49	18.51	18.57	18.54	5
10M	256QAM	25	0	18.53	18.59	18.56	5
		25	12	18.49	18.55	18.52	5
		25	25	18.43	18.49	18.46	5
		50	0	18.45	18.51	18.48	5
		Channel		20425	20525	20625	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	23.45	23.49	23.4	0
		1	12	23.33	23.47	23.41	0
		1	24	23.38	23.37	23.44	0
		12	0	22.49	22.52	22.54	1
		12	6	22.45	22.5	22.5	1
		12	13	22.34	22.44	22.42	1
5M	16QAM	25	0	22.4	22.46	22.46	1
		1	0	22.44	22.44	22.4	1
		1	12	22.32	22.44	22.4	1
		1	24	22.33	22.37	22.43	1
		12	0	21.41	21.46	21.4	2
		12	6	21.32	21.39	21.38	2
5M	64QAM	12	13	21.36	21.35	21.35	2
		25	0	21.38	21.37	21.38	2
		1	0	21.29	21.37	21.42	2
		1	12	21.33	21.33	21.31	2
		1	24	21.34	21.36	21.34	2
		12	0	20.37	20.42	20.39	3
5M	256QAM	12	6	20.33	20.39	20.34	3
		12	13	20.28	20.32	20.35	3
		25	0	20.35	20.42	20.35	3
		1	0	18.47	18.59	18.54	5
		1	12	18.48	18.54	18.5	5
		1	24	18.44	18.56	18.5	5
5M	256QAM	12	0	18.5	18.55	18.54	5
		12	6	18.48	18.5	18.46	5
		12	13	18.37	18.44	18.38	5
		25	0	18.38	18.48	18.43	5

LTE Conducted Power (Full)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequency (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	23.35	23.34	23.31	0
		1	7	23.35	23.32	23.43	0
		1	14	23.28	23.42	23.35	0
		8	0	22.33	22.45	22.4	1
		8	3	22.3	22.46	22.34	1
		8	7	22.39	22.3	22.36	1
		15	0	22.42	22.41	22.31	1
3M	16QAM	1	0	22.42	22.45	22.37	1
		1	7	22.35	22.4	22.28	1
		1	14	22.38	22.26	22.34	1
		8	0	21.21	21.34	21.33	2
		8	3	21.28	21.25	21.28	2
		8	7	21.26	21.31	21.28	2
		15	0	21.24	21.31	21.21	2
3M	64QAM	1	0	21.22	21.42	21.27	2
		1	7	21.25	21.29	21.38	2
		1	14	21.24	21.24	21.3	2
		8	0	20.41	20.33	20.33	3
		8	3	20.29	20.37	20.36	3
		8	7	20.15	20.29	20.24	3
		15	0	20.23	20.29	20.35	3
3M	256QAM	1	0	18.56	18.56	18.54	5
		1	7	18.45	18.56	18.56	5
		1	14	18.48	18.51	18.45	5
		8	0	18.45	18.55	18.52	5
		8	3	18.43	18.53	18.46	5
		8	7	18.37	18.46	18.39	5
		15	0	18.39	18.47	18.41	5
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequency (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	23.45	23.33	23.2	0
		1	2	23.33	23.32	23.28	0
		1	5	23.32	23.41	23.24	0
		3	0	22.44	22.4	22.36	1
		3	1	22.28	22.42	22.42	1
		3	3	22.27	22.38	22.25	1
		6	0	22.34	22.33	22.29	1
1.4M	16QAM	1	0	22.34	22.38	22.37	1
		1	2	22.29	22.39	22.27	1
		1	5	22.37	22.4	22.27	1
		3	0	21.32	21.42	21.34	2
		3	1	21.4	21.34	21.27	2
		3	3	21.2	21.38	21.32	2
		6	0	21.18	21.33	21.31	2
1.4M	64QAM	1	0	21.29	21.33	21.26	2
		1	2	21.28	21.27	21.2	2
		1	5	21.22	21.34	21.32	2
		3	0	20.31	20.39	20.39	3
		3	1	20.3	20.34	20.38	3
		3	3	20.23	20.28	20.19	3
		6	0	20.31	20.35	20.25	3
1.4M	256QAM	1	0	18.53	18.55	18.54	5
		1	2	18.46	18.57	18.49	5
		1	5	18.48	18.54	18.48	5
		3	0	18.46	18.59	18.54	5
		3	1	18.41	18.48	18.43	5
		3	3	18.39	18.46	18.46	5
		6	0	18.44	18.41	18.46	5

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20850	21100	21350	
		Frequency (MHz)		2510	2535	2560	
20M	QPSK	1	0	23.51	23.55	23.53	0
		1	50	23.49	23.53	23.51	0
		1	99	23.46	23.5	23.48	0
		50	0	22.54	22.58	22.56	1
		50	25	22.5	22.54	22.52	1
		50	50	22.45	22.49	22.47	1
		100	0	22.47	22.56	22.49	1
20M	16QAM	1	0	22.5	22.54	22.52	1
		1	50	22.45	22.49	22.47	1
		1	99	22.42	22.46	22.44	1
		50	0	21.57	21.61	21.59	2
		50	25	21.54	21.58	21.56	2
		50	50	21.49	21.53	21.51	2
		100	0	21.51	21.55	21.53	2
20M	64QAM	1	0	21.5	21.54	21.52	2
		1	50	21.45	21.49	21.47	2
		1	99	21.4	21.44	21.42	2
		50	0	20.54	20.58	20.56	3
		50	25	20.5	20.54	20.52	3
		50	50	20.46	20.5	20.48	3
		100	0	20.49	20.53	20.51	3
20M	256QAM	1	0	18.64	18.68	18.66	5
		1	50	18.6	18.64	18.62	5
		1	99	18.57	18.61	18.59	5
		50	0	18.62	18.66	18.64	5
		50	25	18.59	18.63	18.61	5
		50	50	18.54	18.58	18.56	5
		100	0	18.57	18.61	18.59	5
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	23.47	23.46	23.43	0
		1	37	23.41	23.46	23.41	0
		1	74	23.42	23.43	23.38	0
		36	0	22.53	22.55	22.54	1
		36	19	22.42	22.53	22.51	1
		36	39	22.35	22.48	22.43	1
		75	0	22.47	22.48	22.49	1
15M	16QAM	1	0	22.43	22.48	22.48	1
		1	37	22.38	22.45	22.45	1
		1	74	22.38	22.37	22.34	1
		36	0	21.54	21.51	21.5	2
		36	19	21.52	21.58	21.5	2
		36	39	21.42	21.45	21.44	2
		75	0	21.43	21.51	21.46	2
15M	64QAM	1	0	21.45	21.47	21.48	2
		1	37	21.36	21.45	21.41	2
		1	74	21.32	21.43	21.41	2
		36	0	20.46	20.53	20.54	3
		36	19	20.49	20.51	20.45	3
		36	39	20.45	20.47	20.4	3
		75	0	20.45	20.49	20.45	3
15M	256QAM	1	0	18.58	18.63	18.58	5
		1	37	18.6	18.62	18.58	5
		1	74	18.51	18.57	18.56	5
		36	0	18.55	18.64	18.62	5
		36	19	18.59	18.54	18.51	5
		36	39	18.45	18.52	18.49	5
		75	0	18.47	18.61	18.53	5

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	QPSK	1	0	23.3	23.5	23.4	0
		1	24	23.35	23.36	23.4	0
		1	49	23.35	23.46	23.32	0
		25	0	22.38	22.48	22.43	1
		25	12	22.43	22.46	22.46	1
		25	25	22.31	22.34	22.29	1
		50	0	22.34	22.32	22.45	1
10M	16QAM	1	0	22.41	22.38	22.3	1
		1	24	22.33	22.38	22.4	1
		1	49	22.32	22.35	22.36	1
		25	0	21.49	21.55	21.48	2
		25	12	21.39	21.38	21.37	2
		25	25	21.29	21.5	21.46	2
		50	0	21.5	21.49	21.43	2
10M	64QAM	1	0	21.35	21.43	21.46	2
		1	24	21.37	21.39	21.37	2
		1	49	21.27	21.35	21.33	2
		25	0	20.42	20.47	20.4	3
		25	12	20.38	20.52	20.51	3
		25	25	20.43	20.32	20.26	3
		50	0	20.34	20.42	20.39	3
10M	256QAM	1	0	18.6	18.61	18.56	5
		1	24	18.59	18.56	18.58	5
		1	49	18.49	18.6	18.58	5
		25	0	18.56	18.63	18.62	5
		25	12	18.55	18.61	18.51	5
		25	25	18.54	18.51	18.56	5
		50	0	18.47	18.52	18.53	5
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	23.41	23.5	23.14	0
		1	12	23.31	23.41	23.42	0
		1	24	23.31	23.39	23.39	0
		12	0	22.36	22.52	22.29	1
		12	6	22.41	22.52	22.32	1
		12	13	22.4	22.32	22.33	1
		25	0	22.36	22.36	22.26	1
5M	16QAM	1	0	22.45	22.44	22.37	1
		1	12	22.31	22.32	22.33	1
		1	24	22.33	22.39	22.36	1
		12	0	21.35	21.52	21.49	2
		12	6	21.41	21.48	21.46	2
		12	13	21.31	21.41	21.37	2
		25	0	21.31	21.34	21.38	2
5M	64QAM	1	0	21.4	21.48	21.46	2
		1	12	21.41	21.34	21.33	2
		1	24	21.2	21.31	21.29	2
		12	0	20.52	20.49	20.31	3
		12	6	20.38	20.53	20.33	3
		12	13	20.28	20.43	20.42	3
		25	0	20.44	20.37	20.33	3
5M	256QAM	1	0	18.54	18.68	18.6	5
		1	12	18.58	18.64	18.62	5
		1	24	18.47	18.58	18.57	5
		12	0	18.55	18.66	18.64	5
		12	6	18.51	18.57	18.51	5
		12	13	18.46	18.57	18.56	5
		25	0	18.55	18.61	18.59	5

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequency (MHz)		704	707.5	711	
10M	QPSK	1	0	23.56	23.68	23.53	0
		1	24	23.52	23.64	23.49	0
		1	49	23.48	23.6	23.45	0
		25	0	22.61	22.74	22.58	1
		25	12	22.58	22.7	22.55	1
		25	25	22.53	22.65	22.5	1
10M	16QAM	50	0	22.55	22.84	22.52	1
		1	0	22.59	22.71	22.56	1
		1	24	22.55	22.67	22.52	1
		1	49	22.52	22.64	22.49	1
		25	0	21.44	21.56	21.41	2
		25	12	21.41	21.53	21.38	2
10M	64QAM	25	25	21.37	21.49	21.34	2
		50	0	21.39	21.51	21.36	2
		1	0	21.38	21.5	21.35	2
		1	24	21.35	21.47	21.32	2
		1	49	21.32	21.44	21.29	2
		25	0	20.52	20.64	20.49	3
10M	256QAM	25	12	20.48	20.6	20.45	3
		25	25	20.44	20.56	20.41	3
		50	0	20.45	20.57	20.42	3
		1	0	18.55	18.67	18.52	5
		1	24	18.52	18.64	18.49	5
		1	49	18.48	18.6	18.45	5
10M	256QAM	25	0	18.46	18.58	18.43	5
		25	12	18.41	18.53	18.38	5
		25	25	18.37	18.49	18.34	5
		50	0	18.39	18.51	18.36	5
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequency (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	23.47	23.61	23.51	0
		1	12	23.52	23.61	23.4	0
		1	24	23.41	23.54	23.45	0
		12	0	22.6	22.73	22.5	1
		12	6	22.51	22.65	22.52	1
		12	13	22.43	22.65	22.48	1
5M	16QAM	25	0	22.5	22.59	22.45	1
		1	0	22.53	22.64	22.46	1
		1	12	22.55	22.62	22.5	1
		1	24	22.49	22.61	22.49	1
		12	0	21.37	21.53	21.31	2
		12	6	21.33	21.44	21.36	2
5M	64QAM	12	13	21.35	21.46	21.26	2
		25	0	21.38	21.47	21.32	2
		1	0	21.37	21.43	21.35	2
		1	12	21.33	21.47	21.24	2
		1	24	21.23	21.38	21.22	2
		12	0	20.43	20.57	20.43	3
5M	256QAM	12	6	20.39	20.55	20.38	3
		12	13	20.37	20.47	20.35	3
		25	0	20.44	20.54	20.41	3
		1	0	18.45	18.6	18.46	5
		1	12	18.44	18.55	18.49	5
		1	24	18.47	18.51	18.38	5
5M	256QAM	12	0	18.41	18.56	18.43	5
		12	6	18.38	18.46	18.28	5
		12	13	18.32	18.49	18.24	5
		25	0	18.37	18.51	18.28	5

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequency (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	23.37	23.52	23.32	0
		1	7	23.39	23.53	23.29	0
		1	14	23.37	23.47	23.33	0
		8	0	22.52	22.66	22.4	1
		8	3	22.35	22.55	22.49	1
		8	7	22.35	22.51	22.36	1
		15	0	22.38	22.53	22.44	1
3M	16QAM	1	0	22.41	22.52	22.42	1
		1	7	22.45	22.52	22.38	1
		1	14	22.41	22.56	22.35	1
		8	0	21.41	21.41	21.37	2
		8	3	21.21	21.33	21.26	2
		8	7	21.21	21.42	21.17	2
		15	0	21.2	21.45	21.22	2
3M	64QAM	1	0	21.21	21.46	21.28	2
		1	7	21.18	21.46	21.27	2
		1	14	21.26	21.35	21.13	2
		8	0	20.44	20.42	20.43	3
		8	3	20.27	20.55	20.4	3
		8	7	20.34	20.46	20.31	3
		15	0	20.38	20.55	20.25	3
3M	256QAM	1	0	18.5	18.64	18.51	5
		1	7	18.44	18.59	18.45	5
		1	14	18.39	18.53	18.38	5
		8	0	18.37	18.55	18.36	5
		8	3	18.37	18.52	18.34	5
		8	7	18.31	18.49	18.33	5
		15	0	18.36	18.49	18.31	5
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequency (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	23.48	23.54	23.32	0
		1	2	23.35	23.54	23.19	0
		1	5	23.37	23.48	23.19	0
		3	0	22.38	22.64	22.35	1
		3	1	22.43	22.53	22.39	1
		3	3	22.42	22.54	22.35	1
		6	0	22.46	22.61	22.42	1
1.4M	16QAM	1	0	22.35	22.63	22.43	1
		1	2	22.38	22.54	22.39	1
		1	5	22.43	22.43	22.41	1
		3	0	21.35	21.43	21.26	2
		3	1	21.24	21.43	21.32	2
		3	3	21.25	21.47	21.22	2
		6	0	21.24	21.36	21.21	2
1.4M	64QAM	1	0	21.22	21.45	21.23	2
		1	2	21.25	21.45	21.23	2
		1	5	21.25	21.27	21.28	2
		3	0	20.39	20.47	20.38	3
		3	1	20.27	20.54	20.43	3
		3	3	20.43	20.42	20.36	3
		6	0	20.32	20.49	20.31	3
1.4M	256QAM	1	0	18.54	18.66	18.47	5
		1	2	18.47	18.62	18.44	5
		1	5	18.43	18.5	18.36	5
		3	0	18.41	18.49	18.33	5
		3	1	18.33	18.44	18.38	5
		3	3	18.27	18.44	18.27	5
		6	0	18.38	18.42	18.29	5

LTE Conducted Power (Full)							
LTE Band 13							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23230		
		Frequency (MHz)			782		
10M	QPSK	1	0		23.69		0
		1	24		23.67		0
		1	49		23.65		0
		25	0		22.74		1
		25	12		22.7		1
		25	25		22.64		1
10M	16QAM	50	0		22.68		1
		1	0		22.67		1
		1	24		22.64		1
		1	49		22.61		1
		25	0		21.74		2
		25	12		21.7		2
10M	64QAM	25	25		21.66		2
		50	0		21.68		2
		1	0		21.73		2
		1	24		21.69		2
		1	49		21.66		2
		25	0		20.71		3
10M	256QAM	25	12		20.69		3
		25	25		20.64		3
		50	0		20.66		3
		1	0		18.67		5
		1	24		18.65		5
		1	49		18.63		5
10M	256QAM	25	0		18.64		5
		25	12		18.59		5
		25	25		18.54		5
		50	0		18.56		5
BW	MCS Index	Channel		23205	23230	23255	3GPP MPR
		Frequency (MHz)		779.5	782	784.5	
5M	QPSK	1	0	23.63	23.66	23.61	0
		1	12	23.63	23.66	23.61	0
		1	24	23.56	23.59	23.54	0
		12	0	22.7	22.73	22.68	1
		12	6	22.61	22.64	22.59	1
		12	13	22.54	22.57	22.52	1
		25	0	22.62	22.65	22.6	1
5M	16QAM	1	0	22.62	22.65	22.6	1
		1	12	22.51	22.54	22.49	1
		1	24	22.48	22.51	22.46	1
		12	0	21.64	21.67	21.62	2
		12	6	21.65	21.68	21.63	2
		12	13	21.63	21.66	21.61	2
		25	0	21.58	21.61	21.56	2
5M	64QAM	1	0	21.68	21.71	21.66	2
		1	12	21.59	21.62	21.57	2
		1	24	21.53	21.56	21.51	2
		12	0	20.62	20.65	20.6	3
		12	6	20.57	20.6	20.55	3
		12	13	20.61	20.64	20.59	3
		25	0	20.58	20.61	20.56	3
5M	256QAM	1	0	18.61	18.64	18.59	5
		1	12	18.58	18.61	18.56	5
		1	24	18.53	18.56	18.51	5
		12	0	18.58	18.61	18.56	5
		12	6	18.53	18.56	18.51	5
		12	13	18.38	18.41	18.36	5
5M	256QAM	25	0	18.41	18.44	18.39	5

LTE Conducted Power (Full)							
LTE Band 14							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			23330		
		Frequency (MHz)			793		
10M	QPSK	1	0		23.25		0
		1	24		23.2		0
		1	49		23.17		0
		25	0		22.27		1
		25	12		22.25		1
		25	25		22.23		1
10M	16QAM	50	0		22.22		1
		1	0		22.2		1
		1	24		22.21		1
		1	49		22.15		1
		25	0		21.27		2
		25	12		21.27		2
10M	64QAM	25	25		21.23		2
		50	0		21.25		2
		1	0		21.3		2
		1	24		21.28		2
		1	49		21.21		2
		25	0		20.28		3
10M	256QAM	25	12		20.32		3
		25	25		20.26		3
		50	0		20.21		3
		1	0		18.39		5
		1	24		18.36		5
		1	49		18.34		5
10M	256QAM	25	0		18.37		5
		25	12		18.33		5
		25	25		18.28		5
		50	0		18.3		5
BW	MCS Index	Channel		23305	23330	23355	3GPP MPR
		Frequency (MHz)		790.5	793	795.5	
5M	QPSK	1	0	23.14	23.17	23.11	0
		1	12	23.2	23.23	23.17	0
		1	24	23.17	23.2	23.14	0
		12	0	22.22	22.25	22.19	1
		12	6	22.19	22.22	22.16	1
		12	13	22.14	22.17	22.11	1
		25	0	22.16	22.19	22.13	1
5M	16QAM	1	0	22.22	22.25	22.19	1
		1	12	22.21	22.24	22.18	1
		1	24	22.2	22.23	22.17	1
		12	0	21.28	21.31	21.25	2
		12	6	21.2	21.23	21.17	2
		12	13	21.18	21.21	21.15	2
		25	0	21.24	21.27	21.21	2
5M	64QAM	1	0	21.27	21.3	21.24	2
		1	12	21.19	21.22	21.16	2
		1	24	21.19	21.22	21.16	2
		12	0	20.27	20.3	20.24	3
		12	6	20.27	20.3	20.24	3
		12	13	20.22	20.25	20.19	3
		25	0	20.28	20.31	20.25	3
5M	256QAM	1	0	18.33	18.36	18.3	5
		1	12	18.3	18.33	18.27	5
		1	24	18.28	18.31	18.25	5
		12	0	18.3	18.33	18.27	5
		12	6	18.25	18.28	18.22	5
		12	13	18.2	18.23	18.17	5
5M	256QAM	25	0	18.23	18.26	18.2	5

LTE Conducted Power (Full)							
LTE Band 17							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23780	23790	23800	
		Frequency (MHz)		709	710	711	
10M	QPSK	1	0	23.69	23.74	23.66	0
		1	24	23.66	23.71	23.63	0
		1	49	23.63	23.68	23.6	0
		25	0	22.78	22.83	22.75	1
		25	12	22.75	22.8	22.72	1
		25	25	22.7	22.75	22.67	1
10M	16QAM	50	0	22.72	22.81	22.69	1
		1	0	22.74	22.79	22.71	1
		1	24	22.71	22.76	22.68	1
		1	49	22.68	22.73	22.65	1
		25	0	21.73	21.78	21.7	2
		25	12	21.71	21.76	21.68	2
10M	64QAM	25	25	21.68	21.73	21.65	2
		50	0	21.7	21.75	21.67	2
		1	0	21.69	21.74	21.66	2
		1	24	21.66	21.71	21.63	2
		1	49	21.6	21.65	21.57	2
		25	0	20.65	20.7	20.62	3
10M	256QAM	25	12	20.62	20.67	20.59	3
		25	25	20.58	20.63	20.55	3
		50	0	20.6	20.65	20.57	3
		1	0	18.65	18.7	18.62	5
		1	24	18.6	18.65	18.57	5
		1	49	18.54	18.59	18.51	5
10M	256QAM	25	0	18.59	18.64	18.56	5
		25	12	18.53	18.58	18.5	5
		25	25	18.48	18.53	18.45	5
		50	0	18.5	18.55	18.47	5
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequency (MHz)		706.5	710	713.5	
5M	QPSK	1	0	23.63	23.73	23.61	0
		1	12	23.59	23.7	23.54	0
		1	24	23.55	23.66	23.59	0
		12	0	22.71	22.73	22.74	1
		12	6	22.71	22.7	22.66	1
		12	13	22.66	22.68	22.57	1
		25	0	22.62	22.77	22.67	1
5M	16QAM	1	0	22.68	22.7	22.63	1
		1	12	22.67	22.69	22.62	1
		1	24	22.67	22.72	22.63	1
		12	0	21.71	21.74	21.7	2
		12	6	21.7	21.75	21.59	2
		12	13	21.66	21.7	21.61	2
		25	0	21.65	21.69	21.61	2
5M	64QAM	1	0	21.62	21.71	21.58	2
		1	12	21.61	21.71	21.63	2
		1	24	21.55	21.64	21.52	2
		12	0	20.6	20.67	20.56	3
		12	6	20.54	20.66	20.52	3
		12	13	20.48	20.57	20.54	3
		25	0	20.5	20.65	20.49	3
5M	256QAM	1	0	18.62	18.67	18.58	5
		1	12	18.52	18.63	18.47	5
		1	24	18.49	18.55	18.45	5
		12	0	18.52	18.54	18.46	5
		12	6	18.52	18.55	18.43	5
		12	13	18.43	18.44	18.4	5
5M	256QAM	25	0	18.48	18.5	18.39	5

LTE Conducted Power (Full)							
LTE Band 25							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		26140	26365	26590	
		Frequency (MHz)		1860	1882.5	1905	
20M	QPSK	1	0	23.17	23.5	23.25	0
		1	50	23.14	23.47	23.22	0
		1	99	23.11	23.44	23.19	0
		50	0	22.2	22.53	22.28	1
		50	25	22.16	22.49	22.24	1
		50	50	22.13	22.46	22.21	1
		100	0	22.14	22.47	22.22	1
20M	16QAM	1	0	22.16	22.49	22.24	1
		1	50	22.13	22.46	22.21	1
		1	99	22.1	22.43	22.18	1
		50	0	21.21	21.54	21.29	2
		50	25	21.18	21.51	21.26	2
		50	50	21.15	21.48	21.23	2
		100	0	21.17	21.5	21.25	2
20M	64QAM	1	0	21.18	21.51	21.26	2
		1	50	21.15	21.48	21.23	2
		1	99	21.13	21.46	21.21	2
		50	0	20.18	20.51	20.26	3
		50	25	20.15	20.48	20.23	3
		50	50	20.11	20.44	20.19	3
		100	0	20.13	20.46	20.21	3
20M	256QAM	1	0	18.12	18.45	18.2	5
		1	50	18.1	18.43	18.18	5
		1	99	18.06	18.39	18.14	5
		50	0	18.08	18.41	18.16	5
		50	25	18.05	18.38	18.13	5
		50	50	18.01	18.34	18.09	5
		100	0	18.03	18.36	18.11	5
BW	MCS Index	Channel		26115	26365	26615	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	QPSK	1	0	23.15	23.42	23.18	0
		1	37	23.09	23.45	23.19	0
		1	74	23.1	23.35	23.12	0
		36	0	22.12	22.43	22.25	1
		36	19	22.13	22.49	22.14	1
		36	39	22.12	22.42	22.21	1
		75	0	22.08	22.44	22.13	1
15M	16QAM	1	0	22.14	22.45	22.2	1
		1	37	22.1	22.4	22.21	1
		1	74	22.06	22.39	22.15	1
		36	0	21.2	21.5	21.19	2
		36	19	21.17	21.47	21.23	2
		36	39	21.08	21.46	21.14	2
		75	0	21.13	21.46	21.25	2
15M	64QAM	1	0	21.13	21.48	21.24	2
		1	37	21.09	21.43	21.19	2
		1	74	21.11	21.39	21.15	2
		36	0	20.1	20.46	20.24	3
		36	19	20.05	20.45	20.14	3
		36	39	20.06	20.34	20.18	3
		75	0	20.07	20.37	20.13	3
15M	256QAM	1	0	18.05	18.39	18.13	5
		1	37	18.05	18.35	18.16	5
		1	74	17.96	18.3	18.09	5
		36	0	18.05	18.34	18.12	5
		36	19	18.01	18.38	18.1	5
		36	39	17.96	18.26	18.08	5
		75	0	18.02	18.35	18.05	5

LTE Conducted Power (Full)							
LTE Band 25							
BW	MCS Index	Channel		26090	26365	26640	3GPP MPR
		Frequency (MHz)		1855	1882.5	1910	
10M	QPSK	1	0	23.04	23.27	23.11	0
		1	24	23	23.29	23.15	0
		1	49	22.94	23.21	23.11	0
		25	0	22.14	22.42	22.14	1
		25	12	21.99	22.45	22.2	1
		25	25	22.01	22.39	22.05	1
		50	0	22.04	22.38	22.08	1
10M	16QAM	1	0	22.04	22.34	22.14	1
		1	24	22.04	22.35	21.99	1
		1	49	21.95	22.27	22	1
		25	0	20.97	21.44	21.25	2
		25	12	21.13	21.36	21.16	2
		25	25	20.97	21.36	21.1	2
		50	0	21.08	21.33	21.15	2
10M	64QAM	1	0	21.11	21.31	21.12	2
		1	24	20.91	21.38	21.19	2
		1	49	20.93	21.25	21	2
		25	0	20.09	20.44	20.18	3
		25	12	19.94	20.42	20.06	3
		25	25	20.01	20.38	20.17	3
		50	0	20.03	20.38	19.99	3
10M	256QAM	1	0	18.11	18.37	18.1	5
		1	24	18.09	18.35	18.11	5
		1	49	18	18.37	18.04	5
		25	0	18.02	18.37	18.11	5
		25	12	17.96	18.33	18.11	5
		25	25	18.01	18.29	18.01	5
		50	0	18.01	18.35	18.09	5
BW	MCS Index	Channel		26065	26365	26665	3GPP MPR
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	QPSK	1	0	22.99	23.4	23.1	0
		1	12	22.98	23.41	22.96	0
		1	24	23.05	23.26	23.06	0
		12	0	22.08	22.38	21.99	1
		12	6	22.09	22.24	22.05	1
		12	13	21.92	22.36	22.09	1
		25	0	22.04	22.3	22.05	1
5M	16QAM	1	0	22.06	22.39	22.22	1
		1	12	22.02	22.33	22.15	1
		1	24	21.99	22.32	22.09	1
		12	0	21.04	21.34	21.11	2
		12	6	21.09	21.44	21.12	2
		12	13	20.96	21.32	21.04	2
		25	0	21.1	21.37	21.17	2
5M	64QAM	1	0	20.99	21.38	21.24	2
		1	12	21	21.38	21.08	2
		1	24	20.98	21.34	21.15	2
		12	0	20.02	20.38	20.13	3
		12	6	20.06	20.29	20.04	3
		12	13	19.99	20.24	19.99	3
		25	0	20	20.34	20.06	3
5M	256QAM	1	0	18.03	18.42	18.18	5
		1	12	18.1	18.4	18.15	5
		1	24	18.05	18.36	18.14	5
		12	0	18.04	18.4	18.07	5
		12	6	18.02	18.29	18.12	5
		12	13	18.01	18.31	18.03	5
		25	0	18	18.26	18.05	5

LTE Conducted Power (Full)							
LTE Band 25							
BW	MCS Index	Channel		26055	26365	26675	3GPP MPR
		Frequency (MHz)		1851.5	1882.5	1913.5	
3M	QPSK	1	0	22.95	23.46	23.14	0
		1	7	23	23.36	23.12	0
		1	14	23.05	23.34	22.96	0
		8	0	22.06	22.39	22.1	1
		8	3	22.13	22.37	22.02	1
		8	7	21.91	22.28	22.14	1
		15	0	22.05	22.34	22.13	1
3M	16QAM	1	0	22.08	22.31	22.19	1
		1	7	22.03	22.31	21.98	1
		1	14	22.09	22.4	22.04	1
		8	0	21.07	21.33	21.15	2
		8	3	21.06	21.44	21.1	2
		8	7	21.06	21.29	21.08	2
		15	0	21.05	21.5	21.1	2
3M	64QAM	1	0	21.07	21.31	21.05	2
		1	7	21.1	21.25	21.15	2
		1	14	20.93	21.34	21.07	2
		8	0	20.13	20.35	20.18	3
		8	3	20.03	20.25	20.15	3
		8	7	20.03	20.31	20.1	3
		15	0	19.97	20.27	20.13	3
3M	256QAM	1	0	18.08	18.36	18.12	5
		1	7	18.06	18.33	18.16	5
		1	14	17.96	18.32	18.12	5
		8	0	18.06	18.35	18.15	5
		8	3	18.01	18.38	18.07	5
		8	7	18	18.27	18.09	5
		15	0	17.94	18.26	18.08	5
BW	MCS Index	Channel		26047	26365	26683	3GPP MPR
		Frequency (MHz)		1850.7	1882.5	1914.3	
1.4M	QPSK	1	0	23.09	23.4	23.11	0
		1	2	22.98	23.32	23.06	0
		1	5	22.95	23.42	23.02	0
		3	0	22.08	22.43	22.08	0
		3	1	22.1	22.3	22.16	0
		3	3	22.08	22.33	22.07	0
		6	0	22.03	22.42	22.09	1
1.4M	16QAM	1	0	22.08	22.42	22.1	1
		1	2	22.04	22.34	22.07	1
		1	5	21.94	22.31	22.09	1
		3	0	21.03	21.4	21.13	1
		3	1	21.17	21.41	21.05	1
		3	3	21.11	21.33	21.08	1
		6	0	20.92	21.32	21.1	2
1.4M	64QAM	1	0	21.04	21.38	21.08	2
		1	2	21.04	21.4	21.05	2
		1	5	21	21.27	21.05	2
		3	0	21.03	20.34	20.05	2
		3	1	20.06	20.31	20.17	2
		3	3	21.05	20.26	20.04	2
		6	0	20.06	20.3	20.1	3
1.4M	256QAM	1	0	18.09	18.35	18.12	5
		1	2	18.1	18.4	18.09	5
		1	5	17.96	18.29	18.06	5
		3	0	18.08	18.34	18.16	5
		3	1	18.04	18.34	18.03	5
		3	3	17.99	18.31	18.02	5
		6	0	17.94	18.35	18.08	5

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		26765	26865	26965	
		Frequency (MHz)		821.5	831.5	841.5	
15M	QPSK	1	0	23.48	23.51	23.59	0
		1	37	23.45	23.48	23.56	0
		1	74	23.41	23.44	23.52	0
		36	0	22.54	22.57	22.65	1
		36	19	22.49	22.52	22.6	1
		36	39	22.45	22.48	22.56	1
		75	0	22.47	22.5	22.58	1
15M	16QAM	1	0	22.5	22.53	22.61	1
		1	37	22.47	22.5	22.58	1
		1	74	22.43	22.46	22.54	1
		36	0	22.58	22.61	22.69	2
		36	19	22.55	22.58	22.66	2
		36	39	22.52	22.55	22.63	2
		75	0	22.53	22.56	22.64	2
15M	64QAM	1	0	22.55	22.58	22.66	2
		1	37	22.52	22.55	22.63	2
		1	74	22.5	22.53	22.61	2
		36	0	20.57	20.6	20.68	3
		36	19	20.54	20.57	20.65	3
		36	39	20.49	20.52	20.6	3
		75	0	20.51	20.54	20.62	3
15M	256QAM	1	0	18.55	18.58	18.66	5
		1	37	18.51	18.54	18.62	5
		1	74	18.48	18.51	18.59	5
		36	0	18.52	18.55	18.63	5
		36	19	18.49	18.52	18.6	5
		36	39	18.45	18.48	18.56	5
		75	0	18.47	18.5	18.58	5
BW	MCS Index	Channel		26740	26865	26990	3GPP MPR
		Frequency (MHz)		819	831.5	844	
10M	QPSK	1	0	23.39	23.52	23.54	0
		1	24	23.44	23.46	23.51	0
		1	49	23.41	23.4	23.47	0
		25	0	22.49	22.58	22.55	1
		25	12	22.44	22.51	22.63	1
		25	25	22.4	22.48	22.53	1
		50	0	22.42	22.49	22.42	1
10M	16QAM	1	0	22.47	22.55	22.65	1
		1	24	22.43	22.51	22.61	1
		1	49	22.35	22.41	22.57	1
		25	0	22.58	22.6	22.66	2
		25	12	22.49	22.58	22.64	2
		25	25	22.44	22.57	22.64	2
		50	0	22.45	22.58	22.6	2
10M	64QAM	1	0	22.5	22.6	22.61	2
		1	24	22.44	22.48	22.67	2
		1	49	22.4	22.55	22.66	2
		25	0	20.51	20.54	20.65	3
		25	12	20.46	20.56	20.63	3
		25	25	20.42	20.49	20.61	3
		50	0	20.46	20.57	20.6	3
10M	256QAM	1	0	18.49	18.59	18.62	5
		1	24	18.5	18.53	18.57	5
		1	49	18.45	18.44	18.61	5
		25	0	18.44	18.57	18.65	5
		25	12	18.47	18.52	18.56	5
		25	25	18.37	18.48	18.57	5
		50	0	18.46	18.44	18.57	5

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS Index	Channel		26715	26865	27015	3GPP MPR
		Frequency (MHz)		816.5	831.5	846.5	
5M	QPSK	1	0	23.41	23.48	23.49	0
		1	12	23.33	23.5	23.44	0
		1	24	23.35	23.38	23.5	0
		12	0	22.41	22.57	22.51	1
		12	6	22.33	22.46	22.57	1
		12	13	22.34	22.43	22.51	1
		25	0	22.3	22.5	22.44	1
5M	16QAM	1	0	22.42	22.47	22.46	1
		1	12	22.28	22.43	22.59	1
		1	24	22.38	22.33	22.54	1
		12	0	21.46	21.49	21.58	2
		12	6	21.32	21.5	21.49	2
		12	13	21.38	21.4	21.56	2
		25	0	21.37	21.46	21.45	2
5M	64QAM	1	0	21.39	21.49	21.56	2
		1	12	21.34	21.5	21.58	2
		1	24	21.38	21.29	21.52	2
		12	0	20.38	20.55	20.51	3
		12	6	20.39	20.46	20.48	3
		12	13	20.38	20.36	20.53	3
		25	0	20.36	20.48	20.53	3
5M	256QAM	1	0	18.46	18.6	18.7	5
		1	12	18.43	18.57	18.58	5
		1	24	18.39	18.5	18.55	5
		12	0	18.51	18.51	18.66	5
		12	6	18.39	18.51	18.61	5
		12	13	18.41	18.44	18.56	5
		25	0	18.37	18.5	18.58	5
BW	MCS Index	Channel		26705	26865	27025	3GPP MPR
		Frequency (MHz)		815.5	831.5	847.5	
3M	QPSK	1	0	23.41	23.45	23.49	0
		1	7	23.37	23.42	23.52	0
		1	14	23.29	23.28	23.41	0
		8	0	22.44	22.54	22.55	1
		8	3	22.38	22.43	22.59	1
		8	7	22.36	22.44	22.41	1
		15	0	22.38	22.45	22.49	1
3M	16QAM	1	0	22.36	22.4	22.52	1
		1	7	22.44	22.32	22.6	1
		1	14	22.35	22.29	22.47	1
		8	0	21.47	21.52	21.61	2
		8	3	21.41	21.46	21.59	2
		8	7	21.36	21.48	21.47	2
		15	0	21.32	21.47	21.46	2
3M	64QAM	1	0	21.41	21.4	21.53	2
		1	7	21.44	21.41	21.59	2
		1	14	21.37	21.34	21.45	2
		8	0	20.48	20.57	20.64	3
		8	3	20.41	20.47	20.55	3
		8	7	20.41	20.42	20.51	3
		15	0	20.35	20.44	20.52	3
3M	256QAM	1	0	18.53	18.53	18.66	5
		1	7	18.49	18.56	18.66	5
		1	14	18.42	18.49	18.62	5
		8	0	18.49	18.5	18.65	5
		8	3	18.49	18.48	18.55	5
		8	7	18.45	18.5	18.55	5
		15	0	18.41	18.48	18.57	5

LTE Conducted Power (Full)							
LTE Band 26							
BW	MCS Index	Channel		26697	26865	27033	3GPP MPR
		Frequency (MHz)		814.7	831.5	848.3	
1.4M	QPSK	1	0	23.36	23.45	23.53	0
		1	2	23.39	23.4	23.48	0
		1	5	23.39	23.4	23.48	0
		3	0	22.37	22.47	22.69	1
		3	1	22.4	22.48	22.57	1
		3	3	22.32	22.43	22.45	1
		6	0	22.43	22.38	22.52	1
1.4M	16QAM	1	0	22.42	22.45	22.55	1
		1	2	22.34	22.39	22.47	1
		1	5	22.33	22.4	22.52	1
		3	0	21.43	21.5	21.69	2
		3	1	21.4	21.46	21.59	2
		3	3	21.3	21.46	21.48	2
		6	0	21.38	21.42	21.5	2
1.4M	64QAM	1	0	21.42	21.51	21.54	2
		1	2	21.37	21.37	21.52	2
		1	5	21.37	21.41	21.52	2
		3	0	20.41	20.52	20.62	3
		3	1	20.3	20.46	20.5	3
		3	3	20.33	20.49	20.54	3
		6	0	20.45	20.34	20.57	3
1.4M	256QAM	1	0	18.52	18.6	18.71	5
		1	2	18.42	18.49	18.58	5
		1	5	18.45	18.45	18.63	5
		3	0	18.48	18.57	18.59	5
		3	1	18.42	18.48	18.57	5
		3	3	18.37	18.42	18.56	5
		6	0	18.46	18.49	18.61	5

LTE Conducted Power (Full)							
LTE Band 30							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			27710		
		Frequency (MHz)			2310		
10M	QPSK	1	0		22.45		0
		1	24		22.43		0
		1	49		22.4		0
		25	0		21.48		1
		25	12		21.45		1
		25	25		21.41		1
10M	16QAM	50	0		21.44		1
		1	0		21.46		1
		1	24		21.43		1
		1	49		21.39		1
		25	0		20.51		2
		25	12		20.48		2
10M	64QAM	25	25		20.44		2
		50	0		20.46		2
		1	0		20.45		2
		1	24		20.43		2
		1	49		20.39		2
		25	0		19.5		3
10M	256QAM	25	12		19.47		3
		25	25		19.44		3
		50	0		19.46		3
		1	0		17.48		5
		1	24		17.44		5
		1	49		17.4		5
10M	256QAM	25	0		17.45		5
		25	12		17.71		5
		25	25		17.65		5
		50	0		17.67		5
BW	MCS Index	Channel		27685	27710	27735	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	QPSK	1	0	22.39	22.42	22.36	0
		1	12	22.3	22.33	22.27	0
		1	24	22.3	22.33	22.27	0
		12	0	21.44	21.47	21.41	1
		12	6	21.34	21.37	21.31	1
		12	13	21.28	21.31	21.25	1
		25	0	21.33	21.36	21.3	1
5M	16QAM	1	0	21.39	21.42	21.36	1
		1	12	21.33	21.36	21.3	1
		1	24	21.3	21.33	21.27	1
		12	0	20.42	20.45	20.39	2
		12	6	20.41	20.44	20.38	2
		12	13	20.37	20.4	20.34	2
		25	0	20.4	20.43	20.37	2
5M	64QAM	1	0	20.36	20.39	20.33	2
		1	12	20.34	20.37	20.31	2
		1	24	20.36	20.39	20.33	2
		12	0	19.41	19.44	19.38	3
		12	6	19.44	19.47	19.41	3
		12	13	19.32	19.35	19.29	3
		25	0	19.42	19.45	19.39	3
5M	256QAM	1	0	17.44	17.47	17.41	5
		1	12	17.41	17.44	17.38	5
		1	24	17.38	17.41	17.35	5
		12	0	17.41	17.44	17.38	5
		12	6	17.33	17.36	17.3	5
		12	13	17.3	17.33	17.27	5
5M	256QAM	25	0	17.32	17.35	17.29	5

LTE Conducted Power (Full)							
LTE Band 38							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20M	QPSK	1	0	23.75	23.85	23.81	0
		1	50	23.73	23.83	23.79	0
		1	99	23.7	23.8	23.76	0
		50	0	22.74	22.84	22.8	1
		50	25	22.71	22.81	22.77	1
		50	50	22.66	22.76	22.72	1
		100	0	22.68	22.78	22.74	1
20M	16QAM	1	0	22.73	22.83	22.79	1
		1	50	22.69	22.79	22.75	1
		1	99	22.66	22.76	22.72	1
		50	0	21.68	21.78	21.74	2
		50	25	21.65	21.75	21.71	2
		50	50	21.63	21.73	21.69	2
		100	0	21.67	21.77	21.73	2
20M	64QAM	1	0	21.67	21.77	21.73	2
		1	50	21.65	21.75	21.71	2
		1	99	21.61	21.71	21.67	2
		50	0	20.76	20.86	20.82	3
		50	25	20.73	20.83	20.79	3
		50	50	20.67	20.77	20.73	3
		100	0	20.69	20.79	20.75	3
20M	256QAM	1	0	18.65	18.75	18.71	5
		1	50	18.63	18.73	18.69	5
		1	99	18.6	18.7	18.66	5
		50	0	18.64	18.74	18.7	5
		50	25	18.59	18.69	18.65	5
		50	50	18.54	18.64	18.6	5
		100	0	18.56	18.66	18.62	5
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	23.7	23.79	23.81	0
		1	37	23.68	23.77	23.69	0
		1	74	23.7	23.77	23.74	0
		36	0	22.74	22.78	22.74	1
		36	19	22.61	22.78	22.72	1
		36	39	22.62	22.73	22.71	1
		75	0	22.6	22.77	22.66	1
15M	16QAM	1	0	22.66	22.79	22.75	1
		1	37	22.59	22.77	22.73	1
		1	74	22.62	22.76	22.71	1
		36	0	21.66	21.77	21.66	2
		36	19	21.6	21.73	21.64	2
		36	39	21.58	21.67	21.64	2
		75	0	21.66	21.77	21.65	2
15M	64QAM	1	0	21.67	21.76	21.7	2
		1	37	21.61	21.75	21.69	2
		1	74	21.54	21.67	21.65	2
		36	0	20.72	20.77	20.78	3
		36	19	20.67	20.81	20.71	3
		36	39	20.61	20.77	20.65	3
		75	0	20.68	20.74	20.73	3
15M	256QAM	1	0	18.63	18.69	18.7	5
		1	37	18.57	18.65	18.67	5
		1	74	18.59	18.61	18.66	5
		36	0	18.62	18.74	18.61	5
		36	19	18.54	18.69	18.56	5
		36	39	18.49	18.57	18.53	5
		75	0	18.55	18.62	18.58	5

LTE Conducted Power (Full)							
LTE Band 38							
BW	MCS Index	Channel		37800	38000	38200	3GPP MPR
		Frequency (MHz)		2575	2595	2615	
10M	QPSK	1	0	23.6	23.71	23.66	0
		1	24	23.55	23.73	23.74	0
		1	49	23.54	23.79	23.58	0
		25	0	22.53	22.67	22.68	1
		25	12	22.6	22.77	22.72	1
		25	25	22.47	22.64	22.57	1
		50	0	22.5	22.68	22.68	1
10M	16QAM	1	0	22.68	22.74	22.58	1
		1	24	22.46	22.72	22.64	1
		1	49	22.61	22.61	22.66	1
		25	0	21.55	21.62	21.73	2
		25	12	21.42	21.58	21.61	2
		25	25	21.57	21.58	21.57	2
		50	0	21.61	21.72	21.5	2
10M	64QAM	1	0	21.58	21.58	21.57	2
		1	24	21.52	21.69	21.46	2
		1	49	21.53	21.67	21.58	2
		25	0	20.61	20.79	20.73	3
		25	12	20.66	20.79	20.62	3
		25	25	20.48	20.76	20.58	3
		50	0	20.6	20.69	20.69	3
10M	256QAM	1	0	18.65	18.69	18.61	5
		1	24	18.6	18.69	18.63	5
		1	49	18.51	18.65	18.66	5
		25	0	18.63	18.74	18.7	5
		25	12	18.58	18.6	18.63	5
		25	25	18.53	18.58	18.59	5
		50	0	18.53	18.66	18.58	5
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequency (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	23.72	23.72	23.56	0
		1	12	23.63	23.65	23.75	0
		1	24	23.55	23.65	23.6	0
		12	0	22.56	22.76	22.64	1
		12	6	22.6	22.75	22.51	1
		12	13	22.64	22.65	22.41	1
		25	0	22.55	22.68	22.52	1
5M	16QAM	1	0	22.5	22.72	22.77	1
		1	12	22.55	22.73	22.72	1
		1	24	22.54	22.64	22.7	1
		12	0	21.53	21.69	21.61	2
		12	6	21.61	21.64	21.56	2
		12	13	21.52	21.67	21.51	2
		25	0	21.49	21.63	21.58	2
5M	64QAM	1	0	21.56	21.73	21.54	2
		1	12	21.51	21.72	21.7	2
		1	24	21.46	21.56	21.52	2
		12	0	20.68	20.66	20.78	3
		12	6	20.5	20.73	20.63	3
		12	13	20.52	20.7	20.62	3
		25	0	20.62	20.61	20.56	3
5M	256QAM	1	0	18.55	18.7	18.65	5
		1	12	18.55	18.68	18.69	5
		1	24	18.6	18.6	18.6	5
		12	0	18.59	18.69	18.63	5
		12	6	18.5	18.62	18.59	5
		12	13	18.5	18.64	18.5	5
		25	0	18.56	18.62	18.59	5

LTE Conducted Power (Full)									
LTE Band 41									
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	23.26	23.46	23.87	23.65	23.51	0
		1	50	23.23	23.43	23.84	23.62	23.48	0
		1	99	23.2	23.4	23.81	23.59	23.45	0
		50	0	22.3	22.5	22.91	22.69	22.55	1
		50	25	22.27	22.47	22.88	22.66	22.52	1
		50	50	22.25	22.45	22.86	22.64	22.5	1
		100	0	22.26	22.46	22.87	22.65	22.51	1
20M	16QAM	1	0	22.25	22.45	22.86	22.64	22.5	1
		1	50	22.22	22.42	22.83	22.61	22.47	1
		1	99	22.2	22.4	22.81	22.59	22.45	1
		50	0	21.27	21.47	21.88	21.66	21.52	2
		50	25	21.24	21.44	21.85	21.63	21.49	2
		50	50	21.2	21.4	21.81	21.59	21.45	2
		100	0	21.23	21.43	21.84	21.62	21.48	2
20M	64QAM	1	0	21.24	21.44	21.85	21.63	21.49	2
		1	50	21.22	21.42	21.83	21.61	21.47	2
		1	99	21.19	21.39	21.8	21.58	21.44	2
		50	0	20.25	20.45	20.86	20.64	20.5	3
		50	25	20.22	20.42	20.83	20.61	20.47	3
		50	50	20.19	20.39	20.8	20.58	20.44	3
		100	0	20.2	20.4	20.81	20.59	20.45	3
20M	256QAM	1	0	18.19	18.39	18.8	18.58	18.44	5
		1	50	18.15	18.35	18.76	18.54	18.4	5
		1	99	18.13	18.33	18.74	18.52	18.38	5
		50	0	18.14	18.34	18.75	18.53	18.39	5
		50	25	18.1	18.3	18.71	18.49	18.35	5
		50	50	18.04	18.24	18.65	18.43	18.29	5
		100	0	18.07	18.27	18.68	18.46	18.32	5
BW	MCS Index	Channel		39725	40173	40620	41068	41515	3GPP MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	23.16	23.38	23.84	23.62	23.49	0
		1	37	23.19	23.36	23.83	23.58	23.44	0
		1	74	23.12	23.32	23.79	23.52	23.44	0
		36	0	22.22	22.5	22.82	22.63	22.48	1
		36	19	22.27	22.37	22.83	22.63	22.47	1
		36	39	22.2	22.35	22.82	22.6	22.46	1
		75	0	22.26	22.45	22.79	22.55	22.44	1
15M	16QAM	1	0	22.19	22.4	22.79	22.55	22.45	1
		1	37	22.2	22.42	22.77	22.6	22.44	1
		1	74	22.19	22.34	22.75	22.58	22.43	1
		36	0	21.23	21.38	21.85	21.61	21.52	2
		36	19	21.18	21.38	21.78	21.6	21.46	2
		36	39	21.17	21.3	21.75	21.52	21.44	2
		75	0	21.16	21.4	21.82	21.52	21.46	2
15M	64QAM	1	0	21.16	21.39	21.75	21.57	21.51	2
		1	37	21.22	21.38	21.74	21.58	21.47	2
		1	74	21.18	21.32	21.77	21.52	21.36	2
		36	0	20.17	20.41	20.83	20.58	20.54	3
		36	19	20.17	20.42	20.79	20.61	20.5	3
		36	39	20.12	20.35	20.77	20.5	20.49	3
		75	0	20.15	20.34	20.72	20.53	20.5	3
15M	256QAM	1	0	18.11	18.35	18.8	18.48	18.41	5
		1	37	18.12	18.27	18.75	18.48	18.4	5
		1	74	18.12	18.26	18.65	18.43	18.39	5
		36	0	18.07	18.26	18.72	18.53	18.51	5
		36	19	18.06	18.21	18.61	18.41	18.48	5
		36	39	18.01	18.23	18.6	18.38	18.46	5
		75	0	17.97	18.26	18.61	18.43	18.42	5

LTE Conducted Power (Full)									
LTE Band 41									
BW	MCS Index	Channel		39700	40160	40620	41080	41540	3GPP MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	23.24	23.28	23.72	23.6	23.43	0
		1	24	23.06	23.33	23.69	23.5	23.47	0
		1	49	23.14	23.32	23.67	23.45	23.36	0
		25	0	22.21	22.39	22.82	22.65	22.41	1
		25	12	22.16	22.37	22.79	22.5	22.46	1
		25	25	22.25	22.37	22.73	22.48	22.31	1
		50	0	22.15	22.29	22.8	22.5	22.41	1
10M	16QAM	1	0	22.2	22.36	22.76	22.61	22.44	1
		1	24	22.13	22.33	22.72	22.54	22.46	1
		1	49	22.19	22.29	22.64	22.48	22.35	1
		25	0	21.28	21.38	21.82	21.64	21.47	2
		25	12	21.2	21.35	21.73	21.56	21.4	2
		25	25	21.23	21.32	21.77	21.53	21.31	2
		50	0	21.12	21.34	21.77	21.45	21.35	2
10M	64QAM	1	0	21.18	21.3	21.74	21.55	21.48	2
		1	24	21.06	21.35	21.74	21.57	21.38	2
		1	49	21.15	21.29	21.69	21.44	21.28	2
		25	0	20.26	20.41	20.84	20.64	20.48	3
		25	12	20.22	20.41	20.72	20.55	20.38	3
		25	25	20.21	20.31	20.8	20.48	20.31	3
		50	0	20.17	20.27	20.78	20.54	20.43	3
10M	256QAM	1	0	18.18	18.39	18.71	18.57	18.46	5
		1	24	18.1	18.33	18.73	18.47	18.44	5
		1	49	18.1	18.33	18.71	18.51	18.42	5
		25	0	18.11	18.27	18.72	18.49	18.51	5
		25	12	18.01	18.24	18.67	18.42	18.42	5
		25	25	18.03	18.21	18.65	18.34	18.5	5
		50	0	18	18.18	18.61	18.41	18.48	5
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	23.1	23.33	23.74	23.64	23.41	0
		1	12	23.18	23.34	23.73	23.53	23.38	0
		1	24	23.11	23.22	23.71	23.43	23.39	0
		12	0	22.23	22.38	22.82	22.55	22.51	1
		12	6	22.17	22.44	22.84	22.58	22.45	1
		12	13	22.11	22.34	22.82	22.5	22.35	1
		25	0	22.13	22.37	22.84	22.62	22.41	1
5M	16QAM	1	0	22.17	22.3	22.79	22.63	22.41	1
		1	12	22.13	22.32	22.76	22.44	22.34	1
		1	24	22.14	22.23	22.7	22.45	22.32	1
		12	0	21.17	21.4	21.79	21.6	21.45	2
		12	6	21.15	21.34	21.81	21.52	21.48	2
		12	13	21.17	21.35	21.73	21.49	21.42	2
		25	0	21.17	21.37	21.8	21.54	21.45	2
5M	64QAM	1	0	21.17	21.32	21.76	21.54	21.4	2
		1	12	21.18	21.29	21.75	21.43	21.37	2
		1	24	21.08	21.22	21.74	21.53	21.33	2
		12	0	20.19	20.47	20.85	20.54	20.49	3
		12	6	20.15	20.4	20.88	20.57	20.42	3
		12	13	20.11	20.35	20.81	20.49	20.33	3
		25	0	20.15	20.39	20.74	20.53	20.46	3
5M	256QAM	1	0	18.12	18.3	18.78	18.49	18.43	5
		1	12	18.13	18.32	18.72	18.5	18.43	5
		1	24	18.04	18.3	18.74	18.52	18.41	5
		12	0	18.09	18.28	18.67	18.53	18.51	5
		12	6	18.1	18.21	18.63	18.48	18.45	5
		12	13	18.04	18.17	18.58	18.35	18.46	5
		25	0	17.98	18.23	18.59	18.45	18.46	5

LTE Conducted Power (Full)									
LTE Band 41 - HPUE									
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	26.34	26.42	26.84	26.67	26.65	0
		1	50	26.31	26.39	26.81	26.64	26.62	0
		1	99	26.27	26.35	26.77	26.6	26.58	0
		50	0	25.31	25.39	25.81	25.64	25.62	1
		50	25	25.28	25.36	25.78	25.61	25.59	1
		50	50	25.24	25.32	25.74	25.57	25.55	1
		100	0	25.26	25.34	25.76	25.59	25.57	1
20M	16QAM	1	0	25.3	25.38	25.8	25.63	25.61	1
		1	50	25.26	25.34	25.76	25.59	25.57	1
		1	99	25.24	25.32	25.74	25.57	25.55	1
		50	0	24.29	24.37	24.79	24.62	24.6	2
		50	25	24.27	24.35	24.77	24.6	24.58	2
		50	50	24.25	24.33	24.75	24.58	24.56	2
		100	0	24.26	24.34	24.76	24.59	24.57	2
20M	64QAM	1	0	24.24	24.32	24.74	24.57	24.55	2
		1	50	24.21	24.29	24.71	24.54	24.52	2
		1	99	24.47	24.55	24.97	24.8	24.78	2
		50	0	23.38	23.46	23.88	23.71	23.69	3
		50	25	23.36	23.44	23.86	23.69	23.67	3
		50	50	23.33	23.41	23.83	23.66	23.64	3
		100	0	23.34	23.42	23.84	23.67	23.65	3
20M	256QAM	1	0	21.27	21.35	21.77	21.6	21.58	5
		1	50	21.24	21.32	21.74	21.57	21.55	5
		1	99	21.21	21.29	21.71	21.54	21.52	5
		50	0	21.25	21.33	21.75	21.58	21.56	5
		50	25	21.23	21.31	21.73	21.56	21.54	5
		50	50	21.17	21.25	21.67	21.5	21.48	5
		100	0	21.2	21.28	21.7	21.53	21.51	5
BW	MCS Index	Channel		39725	40173	40620	41068	41515	3GPP MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	26.32	26.42	26.76	26.61	26.59	0
		1	37	26.29	26.39	26.77	26.62	26.55	0
		1	74	26.27	26.31	26.7	26.55	26.57	0
		36	0	25.22	25.36	25.73	25.55	25.6	1
		36	19	25.24	25.3	25.76	25.56	25.57	1
		36	39	25.23	25.29	25.69	25.57	25.52	1
		75	0	25.24	25.3	25.7	25.55	25.47	1
15M	16QAM	1	0	25.28	25.34	25.75	25.56	25.6	1
		1	37	25.2	25.28	25.71	25.53	25.6	1
		1	74	25.24	25.32	25.68	25.49	25.48	1
		36	0	24.2	24.34	24.73	24.55	24.62	2
		36	19	24.24	24.27	24.7	24.6	24.54	2
		36	39	24.19	24.32	24.74	24.56	24.46	2
		75	0	24.23	24.33	24.68	24.59	24.47	2
15M	64QAM	1	0	24.19	24.22	24.65	24.49	24.61	2
		1	37	24.17	24.29	24.66	24.51	24.57	2
		1	74	24.43	24.54	24.95	24.79	24.55	2
		36	0	23.31	23.39	23.87	23.68	23.52	3
		36	19	23.26	23.4	23.79	23.63	23.58	3
		36	39	23.28	23.35	23.73	23.64	23.48	3
		75	0	23.33	23.4	23.8	23.58	23.54	3
15M	256QAM	1	0	21.26	21.27	21.77	21.56	21.64	5
		1	37	21.16	21.27	21.7	21.53	21.56	5
		1	74	21.12	21.22	21.63	21.53	21.56	5
		36	0	21.18	21.29	21.74	21.57	21.52	5
		36	19	21.16	21.31	21.73	21.55	21.58	5
		36	39	21.13	21.16	21.62	21.45	21.46	5
		75	0	21.11	21.27	21.63	21.52	21.49	5

LTE Conducted Power (Full)									
LTE Band 41 - HPUE									
BW	MCS Index	Channel		39700	40160	40620	41080	41540	3GPP MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	26.28	26.3	26.73	26.55	26.58	0
		1	24	26.21	26.3	26.71	26.48	26.55	0
		1	49	26.13	26.26	26.69	26.49	26.45	0
		25	0	25.27	25.28	25.7	25.47	25.51	1
		25	12	25.18	25.27	25.73	25.54	25.48	1
		25	25	25.19	25.26	25.63	25.47	25.35	1
		50	0	25.19	25.29	25.64	25.46	25.39	1
10M	16QAM	1	0	25.3	25.34	25.78	25.51	25.58	1
		1	24	25.25	25.28	25.79	25.53	25.52	1
		1	49	25.19	25.24	25.66	25.47	25.45	1
		25	0	24.23	24.28	24.66	24.48	24.6	2
		25	12	24.19	24.26	24.76	24.52	24.51	2
		25	25	24.12	24.17	24.62	24.52	24.36	2
		50	0	24.18	24.29	24.63	24.42	24.45	2
10M	64QAM	1	0	24.3	24.33	24.73	24.61	24.61	2
		1	24	24.19	24.32	24.75	24.46	24.48	2
		1	49	24.16	24.26	24.67	24.44	24.49	2
		25	0	23.2	23.3	23.67	23.48	23.56	3
		25	12	23.12	23.25	23.74	23.51	23.55	3
		25	25	23.18	23.19	23.61	23.5	23.43	3
		50	0	23.21	23.26	23.71	23.47	23.42	3
10M	256QAM	1	0	21.22	21.25	21.69	21.51	21.61	5
		1	24	21.23	21.27	21.7	21.55	21.61	5
		1	49	21.21	21.24	21.63	21.5	21.55	5
		25	0	21.25	21.25	21.67	21.49	21.55	5
		25	12	21.22	21.23	21.64	21.47	21.59	5
		25	25	21.17	21.24	21.65	21.42	21.49	5
		50	0	21.15	21.28	21.69	21.44	21.51	5
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	26.23	26.28	26.7	26.57	26.55	0
		1	12	26.22	26.24	26.63	26.44	26.52	0
		1	24	26.18	26.15	26.64	26.42	26.48	0
		12	0	25.27	25.22	25.74	25.52	25.44	1
		12	6	25.14	25.31	25.67	25.56	25.52	1
		12	13	25.2	25.22	25.65	25.42	25.47	1
		25	0	25.07	25.22	25.57	25.41	25.52	1
5M	16QAM	1	0	25.27	25.33	25.73	25.53	25.57	1
		1	12	25.2	25.23	25.71	25.52	25.52	1
		1	24	25.17	25.19	25.72	25.45	25.48	1
		12	0	24.17	24.28	24.69	24.55	24.48	2
		12	6	24.16	24.31	24.67	24.5	24.57	2
		12	13	24.19	24.24	24.6	24.4	24.52	2
		25	0	24.11	24.24	24.61	24.44	24.43	2
5M	64QAM	1	0	24.21	24.24	24.77	24.49	24.58	2
		1	12	24.26	24.24	24.62	24.47	24.56	2
		1	24	24.18	24.22	24.69	24.43	24.52	2
		12	0	23.24	23.27	23.69	23.53	23.46	3
		12	6	23.16	23.33	23.74	23.52	23.54	3
		12	13	23.21	23.17	23.64	23.43	23.51	3
		25	0	23.09	23.23	23.61	23.41	23.53	3
5M	256QAM	1	0	21.25	21.34	21.75	21.5	21.59	5
		1	12	21.23	21.23	21.72	21.56	21.56	5
		1	24	21.11	21.29	21.61	21.51	21.55	5
		12	0	21.15	21.28	21.66	21.58	21.53	5
		12	6	21.14	21.23	21.73	21.49	21.59	5
		12	13	21.11	21.18	21.59	21.43	21.5	5
		25	0	21.11	21.23	21.66	21.52	21.53	5

LTE Conducted Power (Full)								
LTE Band 48								
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	3GPP MPR (dB)
		Channel		55340	55780	56210	56640	
		Frequency (MHz)		3560	3603	3647	3690	
20M	QPSK	1	0	21.71	21.66	21.74	21.51	0
		1	50	21.68	21.71	21.63	21.48	0
		1	99	21.65	21.68	21.6	21.45	0
		50	0	20.75	20.77	20.78	20.55	1
		50	25	20.73	20.76	20.68	20.53	1
		50	50	20.7	20.73	20.65	20.5	1
		100	0	20.72	20.67	20.75	20.52	1
20M	16QAM	1	0	20.74	20.77	20.69	20.54	1
		1	50	20.71	20.74	20.66	20.51	1
		1	99	20.67	20.7	20.62	20.47	1
		50	0	19.8	19.83	19.75	19.6	2
		50	25	19.77	19.8	19.72	19.57	2
		50	50	19.73	19.76	19.68	19.53	2
		100	0	19.75	19.78	19.7	19.55	2
20M	64QAM	1	0	19.78	19.81	19.73	19.58	2
		1	50	19.76	19.79	19.71	19.56	2
		1	99	19.74	19.77	19.69	19.54	2
		50	0	18.87	18.9	18.82	18.67	3
		50	25	18.85	18.88	18.8	18.65	3
		50	50	18.83	18.86	18.78	18.63	3
		100	0	18.84	18.87	18.79	18.64	3
20M	256QAM	1	0	16.81	16.84	16.76	16.61	5
		1	50	16.76	16.79	16.71	16.56	5
		1	99	16.73	16.76	16.68	16.53	5
		50	0	16.68	16.71	16.63	16.48	5
		50	25	16.63	16.66	16.58	16.43	5
		50	50	16.61	16.64	16.56	16.41	5
		100	0	16.62	16.65	16.57	16.42	5
BW	MCS Index	Channel		55315	55765	56215	56665	3GPP MPR
		Frequency (MHz)		3557.5	3602.5	3647.5	3692.5	
15M	QPSK	1	0	21.63	21.67	21.57	21.43	0
		1	37	21.68	21.7	21.61	21.46	0
		1	74	21.55	21.67	21.58	21.39	0
		36	0	20.74	20.72	20.66	20.49	1
		36	19	20.66	20.76	20.66	20.52	1
		36	39	20.64	20.72	20.56	20.43	1
		75	0	20.72	20.69	20.59	20.5	1
15M	16QAM	1	0	20.71	20.67	20.63	20.51	1
		1	37	20.66	20.64	20.61	20.43	1
		1	74	20.61	20.65	20.55	20.41	1
		36	0	19.76	19.79	19.65	19.55	2
		36	19	19.68	19.8	19.69	19.55	2
		36	39	19.68	19.73	19.68	19.44	2
		75	0	19.74	19.76	19.64	19.5	2
15M	64QAM	1	0	19.69	19.72	19.71	19.57	2
		1	37	19.75	19.72	19.68	19.52	2
		1	74	19.68	19.67	19.68	19.53	2
		36	0	18.77	18.88	18.73	18.59	3
		36	19	18.77	18.88	18.72	18.64	3
		36	39	18.81	18.83	18.69	18.53	3
		75	0	18.79	18.81	18.71	18.55	3
15M	256QAM	1	0	16.8	16.77	16.69	16.51	5
		1	37	16.72	16.77	16.7	16.5	5
		1	74	16.71	16.7	16.67	16.43	5
		36	0	16.67	16.61	16.63	16.38	5
		36	19	16.56	16.61	16.58	16.37	5
		36	39	16.61	16.56	16.52	16.41	5
		75	0	16.52	16.61	16.54	16.34	5

LTE Conducted Power (Full)								
LTE Band 48								
BW	MCS Index	Channel		55290	55750	56220	56690	3GPP MPR
		Frequency (MHz)		3555	3601	3648	3695	
10M	QPSK	1	0	21.6	21.65	21.55	21.41	0
		1	24	21.6	21.68	21.54	21.34	0
		1	49	21.6	21.56	21.49	21.29	0
		25	0	20.65	20.67	20.67	20.38	1
		25	12	20.67	20.64	20.56	20.43	1
		25	25	20.53	20.63	20.51	20.42	1
		50	0	20.59	20.64	20.58	20.38	1
10M	16QAM	1	0	20.6	20.61	20.56	20.41	1
		1	24	20.6	20.67	20.54	20.34	1
		1	49	20.59	20.63	20.48	20.36	1
		25	0	19.69	19.68	19.65	19.46	2
		25	12	19.65	19.72	19.64	19.39	2
		25	25	19.56	19.63	19.5	19.44	2
		50	0	19.57	19.64	19.6	19.39	2
10M	64QAM	1	0	19.68	19.64	19.48	19.45	2
		1	24	19.57	19.65	19.51	19.3	2
		1	49	19.6	19.59	19.49	19.37	2
		25	0	18.62	18.69	18.64	18.42	3
		25	12	18.65	18.65	18.58	18.38	3
		25	25	18.57	18.71	18.51	18.36	3
		50	0	18.65	18.69	18.54	18.42	3
10M	256QAM	1	0	16.78	16.74	16.69	16.56	5
		1	24	16.71	16.77	16.63	16.47	5
		1	49	16.71	16.75	16.66	16.5	5
		25	0	16.67	16.66	16.6	16.45	5
		25	12	16.6	16.62	16.52	16.35	5
		25	25	16.53	16.64	16.5	16.31	5
		50	0	16.57	16.6	16.5	16.32	5
BW	MCS Index	Channel		55265	55745	56235	56715	3GPP MPR
		Frequency (MHz)		3552.5	3600.5	3649.5	3697.5	
5M	QPSK	1	0	21.59	21.65	21.52	21.42	0
		1	12	21.49	21.66	21.49	21.39	0
		1	24	21.61	21.61	21.46	21.32	0
		12	0	20.72	20.64	20.58	20.39	1
		12	6	20.67	20.68	20.54	20.35	1
		12	13	20.53	20.64	20.56	20.35	1
		25	0	20.64	20.58	20.62	20.4	1
5M	16QAM	1	0	20.62	20.59	20.49	20.39	1
		1	12	20.58	20.67	20.57	20.41	1
		1	24	20.51	20.59	20.49	20.32	1
		12	0	19.65	19.62	19.54	19.43	2
		12	6	19.62	19.66	19.5	19.43	2
		12	13	19.54	19.59	19.48	19.4	2
		25	0	19.6	19.65	19.59	19.42	2
5M	64QAM	1	0	19.66	19.6	19.54	19.35	2
		1	12	19.49	19.66	19.49	19.41	2
		1	24	19.56	19.68	19.54	19.42	2
		12	0	18.64	18.59	18.54	18.44	3
		12	6	18.69	18.61	18.51	18.41	3
		12	13	18.61	18.67	18.53	18.31	3
		25	0	18.62	18.62	18.63	18.38	3
5M	256QAM	1	0	16.77	16.78	16.72	16.57	5
		1	12	16.71	16.72	16.61	16.49	5
		1	24	16.7	16.74	16.6	16.45	5
		12	0	16.67	16.71	16.59	16.42	5
		12	6	16.58	16.66	16.58	16.38	5
		12	13	16.61	16.58	16.52	16.41	5
		25	0	16.57	16.6	16.53	16.33	5

LTE Conducted Power (Full)							
LTE Band 66							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		132072	132322	132572	
		Frequency (MHz)		1720	1745	1770	
20M	QPSK	1	0	22.87	22.96	22.93	0
		1	50	22.84	22.93	22.9	0
		1	99	22.81	22.9	22.87	0
		50	0	21.9	21.99	21.96	1
		50	25	21.88	21.97	21.94	1
		50	50	21.84	21.93	21.9	1
		100	0	21.87	21.97	21.93	1
20M	16QAM	1	0	21.86	21.95	21.92	1
		1	50	21.84	21.93	21.9	1
		1	99	21.81	21.9	21.87	1
		50	0	20.82	20.91	20.88	2
		50	25	20.78	20.87	20.84	2
		50	50	20.75	20.84	20.81	2
		100	0	20.79	20.88	20.85	2
20M	64QAM	1	0	20.8	20.89	20.86	2
		1	50	20.78	20.87	20.84	2
		1	99	20.76	20.85	20.82	2
		50	0	19.89	19.98	19.95	3
		50	25	19.86	19.95	19.92	3
		50	50	19.84	19.93	19.9	3
		100	0	19.87	19.96	19.93	3
20M	256QAM	1	0	18.06	18.15	18.12	5
		1	50	18.04	18.13	18.1	5
		1	99	18	18.09	18.06	5
		50	0	18.05	18.14	18.11	5
		50	25	17.99	18.08	18.05	5
		50	50	17.95	18.04	18.01	5
		100	0	17.97	18.06	18.03	5
BW	MCS Index	Channel		132047	132322	132597	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	QPSK	1	0	22.82	22.94	22.84	0
		1	37	22.83	22.85	22.8	0
		1	74	22.76	22.9	22.79	0
		36	0	21.89	21.92	21.91	1
		36	19	21.8	21.87	21.92	1
		36	39	21.8	21.86	21.82	1
		75	0	21.87	21.96	21.88	1
15M	16QAM	1	0	21.82	21.87	21.84	1
		1	37	21.82	21.89	21.81	1
		1	74	21.73	21.9	21.82	1
		36	0	20.79	20.87	20.83	2
		36	19	20.78	20.83	20.76	2
		36	39	20.67	20.84	20.81	2
		75	0	20.69	20.85	20.82	2
15M	64QAM	1	0	20.74	20.8	20.77	2
		1	37	20.69	20.84	20.79	2
		1	74	20.76	20.79	20.77	2
		36	0	19.8	19.91	19.95	3
		36	19	19.78	19.92	19.92	3
		36	39	19.81	19.92	19.81	3
		75	0	19.85	19.9	19.89	3
15M	256QAM	1	0	18.02	18.11	18.05	5
		1	37	18.03	18.09	18.06	5
		1	74	17.93	18.09	18.05	5
		36	0	18.01	18.07	18.08	5
		36	19	17.9	17.99	18.03	5
		36	39	17.89	17.99	17.94	5
		75	0	17.92	18.04	17.93	5

LTE Conducted Power (Full)							
LTE Band 66							
BW	MCS Index	Channel		132022	132322	132622	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	QPSK	1	0	22.62	22.74	22.81	0
		1	24	22.73	22.82	22.75	0
		1	49	22.64	22.87	22.81	0
		25	0	21.8	21.93	21.84	1
		25	12	21.78	21.88	21.82	1
		25	25	21.78	21.76	21.84	1
		50	0	21.8	21.75	21.85	1
10M	16QAM	1	0	21.73	21.86	21.74	1
		1	24	21.68	21.75	21.7	1
		1	49	21.73	21.81	21.72	1
		25	0	20.61	20.83	20.75	2
		25	12	20.6	20.74	20.71	2
		25	25	20.63	20.74	20.66	2
		50	0	20.69	20.86	20.76	2
10M	64QAM	1	0	20.72	20.75	20.75	2
		1	24	20.75	20.68	20.76	2
		1	49	20.65	20.83	20.61	2
		25	0	19.81	19.92	19.88	3
		25	12	19.74	19.85	19.8	3
		25	25	19.74	19.76	19.79	3
		50	0	19.7	19.77	19.81	3
10M	256QAM	1	0	18.01	18.14	18.1	5
		1	24	18.01	18.05	18.06	5
		1	49	17.91	18.08	18.05	5
		25	0	18.05	18.05	18.06	5
		25	12	17.91	18.03	18	5
		25	25	17.91	18.01	18	5
		50	0	17.92	18.06	18.02	5
BW	MCS Index	Channel		131997	132322	132647	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	QPSK	1	0	22.68	22.81	22.71	0
		1	12	22.7	22.86	22.71	0
		1	24	22.67	22.78	22.69	0
		12	0	21.73	21.86	21.73	1
		12	6	21.72	21.87	21.63	1
		12	13	21.73	21.78	21.68	1
		25	0	21.7	21.87	21.61	1
5M	16QAM	1	0	21.75	21.77	21.82	1
		1	12	21.6	21.79	21.73	1
		1	24	21.8	21.81	21.76	1
		12	0	20.75	20.88	20.64	2
		12	6	20.57	20.67	20.64	2
		12	13	20.61	20.76	20.73	2
		25	0	20.68	20.73	20.65	2
5M	64QAM	1	0	20.72	20.82	20.75	2
		1	12	20.71	20.7	20.78	2
		1	24	20.65	20.83	20.6	2
		12	0	19.82	19.81	19.9	3
		12	6	19.77	19.8	19.84	3
		12	13	19.73	19.71	19.85	3
		25	0	19.73	19.79	19.89	3
5M	256QAM	1	0	18.04	18.07	18.05	5
		1	12	17.94	18.08	18.03	5
		1	24	17.93	18.03	18.06	5
		12	0	17.97	18.08	18.03	5
		12	6	17.99	18.06	18.03	5
		12	13	17.85	18.01	17.98	5
		25	0	17.93	18.03	17.97	5

LTE Conducted Power (Full)							
LTE Band 66							
BW	MCS Index	Channel		131987	132322	132657	3GPP MPR
		Frequency (MHz)		1711.5	1745	1778.5	
3M	QPSK	1	0	22.64	22.85	22.84	0
		1	7	22.78	22.8	22.79	0
		1	14	22.69	22.8	22.77	0
		8	0	21.78	21.86	21.76	1
		8	3	21.68	21.87	21.77	1
		8	7	21.72	21.84	21.81	1
		15	0	21.75	21.82	21.75	1
3M	16QAM	1	0	21.67	21.8	21.76	1
		1	7	21.7	21.81	21.73	1
		1	14	21.61	21.76	21.72	1
		8	0	20.71	20.7	20.73	2
		8	3	20.61	20.77	20.64	2
		8	7	20.53	20.73	20.74	2
		15	0	20.61	20.86	20.71	2
3M	64QAM	1	0	20.77	20.75	20.72	2
		1	7	20.77	20.76	20.67	2
		1	14	20.65	20.71	20.69	2
		8	0	19.79	19.79	19.84	3
		8	3	19.75	19.76	19.79	3
		8	7	19.76	19.89	19.8	3
		15	0	19.78	19.74	19.81	3
3M	256QAM	1	0	18.02	18.11	18.03	5
		1	7	17.99	18.05	18.05	5
		1	14	17.96	17.99	18.04	5
		8	0	17.95	18.07	18.11	5
		8	3	17.93	18.08	17.97	5
		8	7	17.93	17.96	17.95	5
		15	0	17.95	17.98	18.02	5
BW	MCS Index	Channel		131979	132322	132665	3GPP MPR
		Frequency (MHz)		1710.7	1745	1779.3	
1.4M	QPSK	1	0	22.8	22.75	22.83	0
		1	2	22.67	22.89	22.79	0
		1	5	22.69	22.86	22.73	0
		3	0	21.75	21.82	21.81	1
		3	1	21.77	21.81	21.89	1
		3	3	21.83	21.73	21.72	1
		6	0	21.69	21.83	21.8	1
1.4M	16QAM	1	0	21.79	21.78	21.7	1
		1	2	21.78	21.76	21.74	1
		1	5	21.69	21.67	21.64	1
		3	0	20.75	20.88	20.69	2
		3	1	20.65	20.76	20.65	2
		3	3	20.68	20.62	20.62	2
		6	0	20.67	20.64	20.6	2
1.4M	64QAM	1	0	20.6	20.7	20.77	2
		1	2	20.7	20.75	20.73	2
		1	5	20.68	20.74	20.74	2
		3	0	19.85	19.88	19.88	3
		3	1	19.77	19.85	19.83	3
		3	3	19.72	19.72	19.9	3
		6	0	19.72	19.86	19.86	3
1.4M	256QAM	1	0	18.01	18.06	18.07	5
		1	2	18.02	18.06	18.06	5
		1	5	17.98	18	18.06	5
		3	0	17.97	18.13	18.03	5
		3	1	17.98	18.05	18.01	5
		3	3	17.9	17.98	18	5
		6	0	17.9	18.05	17.96	5

LTE Conducted Power (Full)							
LTE Band 71							
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	3GPP MPR (dB)
		Channel		133222	133297	133372	
		Frequency (MHz)		673	680.5	688	
20M	QPSK	1	0	23.23	23.39	23.34	0
		1	50	23.21	23.37	23.32	0
		1	99	23.17	23.33	23.28	0
		50	0	22.28	22.39	22.37	1
		50	25	22.23	22.35	22.34	1
		50	50	22.21	22.37	22.32	1
		100	0	22.22	22.38	22.33	1
20M	16QAM	1	0	22.25	22.41	22.36	1
		1	50	22.22	22.38	22.33	1
		1	99	22.18	22.34	22.29	1
		50	0	22.3	22.46	22.41	2
		50	25	22.27	22.43	22.38	2
		50	50	22.22	22.38	22.33	2
		100	0	22.24	22.4	22.35	2
20M	64QAM	1	0	22.25	22.41	22.36	2
		1	50	22.22	22.38	22.33	2
		1	99	22.23	22.39	22.34	2
		50	0	21.27	21.43	21.38	3
		50	25	21.25	21.41	21.36	3
		50	50	21.21	21.37	21.32	3
		100	0	21.22	21.38	21.33	3
20M	256QAM	1	0	19.27	19.43	19.38	5
		1	50	19.23	19.39	19.34	5
		1	99	19.19	19.35	19.3	5
		50	0	19.22	19.38	19.33	5
		50	25	19.2	19.36	19.31	5
		50	50	19.14	19.3	19.25	5
		100	0	19.17	19.33	19.28	5
BW	MCS Index	Channel		133197	133297	133397	3GPP MPR
		Frequency (MHz)		670.5	680.5	690.5	
15M	QPSK	1	0	23.2	23.38	23.31	0
		1	37	23.11	23.33	23.32	0
		1	74	23.16	23.32	23.24	0
		36	0	22.19	22.38	22.34	1
		36	19	22.18	22.36	22.33	1
		36	39	22.14	22.27	22.23	1
		75	0	22.21	22.37	22.25	1
15M	16QAM	1	0	22.21	22.31	22.34	1
		1	37	22.15	22.33	22.31	1
		1	74	22.17	22.32	22.21	1
		36	0	22.25	22.4	22.34	2
		36	19	22.19	22.37	22.37	2
		36	39	22.15	22.28	22.26	2
		75	0	22.16	22.4	22.3	2
15M	64QAM	1	0	22.25	22.4	22.28	2
		1	37	22.15	22.34	22.27	2
		1	74	22.21	22.35	22.24	2
		36	0	21.25	21.36	21.38	3
		36	19	21.25	21.38	21.3	3
		36	39	21.13	21.37	21.27	3
		75	0	21.2	21.37	21.26	3
15M	256QAM	1	0	19.2	19.34	19.32	5
		1	37	19.2	19.37	19.33	5
		1	74	19.1	19.32	19.3	5
		36	0	19.22	19.3	19.31	5
		36	19	19.2	19.33	19.26	5
		36	39	19.13	19.3	19.16	5
		75	0	19.09	19.33	19.2	5

LTE Conducted Power (Full)							
LTE Band 71							
BW	MCS Index	Channel		133172	133297	133422	3GPP MPR
		Frequency (MHz)		668	680.5	693	
10M	QPSK	1	0	23.13	23.2	23.17	0
		1	24	23.09	23.23	23.27	0
		1	49	23.09	23.12	23.1	0
		25	0	22.22	22.35	22.3	1
		25	12	22.08	22.19	22.24	1
		25	25	22.05	22.21	22.15	1
		50	0	22.11	22.26	22.19	1
10M	16QAM	1	0	22.07	22.31	22.27	1
		1	24	22.04	22.29	22.18	1
		1	49	22.1	22.22	22.12	1
		25	0	22.28	22.36	22.29	2
		25	12	22.07	22.28	22.25	2
		25	25	22.18	22.31	22.2	2
		50	0	22.1	22.34	22.16	2
10M	64QAM	1	0	22.11	22.41	22.23	2
		1	24	22.17	22.23	22.1	2
		1	49	22.11	22.3	22.14	2
		25	0	21.24	21.31	21.16	3
		25	12	21.09	21.3	21.24	3
		25	25	21.21	21.21	21.13	3
		50	0	21.04	21.27	21.17	3
10M	256QAM	1	0	19.19	19.34	19.34	5
		1	24	19.21	19.36	19.3	5
		1	49	19.18	19.28	19.26	5
		25	0	19.13	19.28	19.29	5
		25	12	19.18	19.29	19.26	5
		25	25	19.14	19.3	19.24	5
		50	0	19.16	19.24	19.21	5
BW	MCS Index	Channel		133147	133297	133447	3GPP MPR
		Frequency (MHz)		665.5	680.5	695.5	
5M	QPSK	1	0	23.05	23.24	23.1	0
		1	12	23.04	23.14	23.04	0
		1	24	23.11	23.2	23.09	0
		12	0	22.14	22.23	22.11	1
		12	6	22.09	22.16	22.23	1
		12	13	22.13	22.2	22.14	1
		25	0	22.17	22.16	22.04	1
5M	16QAM	1	0	22.12	22.24	22.32	1
		1	12	22.06	22.28	22.16	1
		1	24	22.1	22.22	22.19	1
		12	0	22.18	22.35	22.18	2
		12	6	22.1	22.09	22.22	2
		12	13	22.1	22.15	22.19	2
		25	0	22.22	22.24	22.28	2
5M	64QAM	1	0	22.13	22.31	22.18	2
		1	12	22.06	22.31	22.23	2
		1	24	22.11	22.21	22.17	2
		12	0	21.18	21.29	21.29	3
		12	6	21.2	21.29	21.24	3
		12	13	20.97	21.31	21.19	3
		25	0	21.12	21.32	21.11	3
5M	256QAM	1	0	19.26	19.42	19.28	5
		1	12	19.13	19.31	19.28	5
		1	24	19.15	19.3	19.29	5
		12	0	19.12	19.38	19.24	5
		12	6	19.11	19.34	19.21	5
		12	13	19.08	19.22	19.2	5
		25	0	19.16	19.24	19.26	5

NR Conducted Power (Full)							
NR Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		372000	376000	380000	
		Frequency (MHz)		1860	1880	1900	
20M	DFT-S PI/2 BPSK	1	1	22.43	22.89	22.83	0
20M	DFT-S QPSK	1	1	22.47	22.93	22.86	0
		1	53	22.70	22.85	22.78	0
		1	104	22.69	22.81	22.77	0
		50	0	22.28	22.39	22.34	1
		50	28	22.65	22.75	22.71	0
		50	56	21.28	21.43	21.33	1
		100	0	21.53	21.62	21.56	1
20M	DFT-S 16QAM	1	1	21.44	21.54	21.49	1
20M	DFT-S 64QAM	1	1	21.26	21.43	21.36	2.5
20M	DFT-S 256QAM	1	1	19.12	19.26	19.19	4.5
20M	CP QPSK	1	1	22.33	22.38	22.36	1.5
BW	MCS Index	Channel		371500	376000	380500	3GPP MPR
		Frequency (MHz)		1857.5	1880	1902.5	
15M	DFT-S PI/2 BPSK	1	1	22.33	22.85	22.75	0
15M	DFT-S QPSK	1	1	22.39	22.84	22.85	0
		1	40	22.64	22.80	22.69	0
		1	77	22.67	22.76	22.70	0
		36	0	22.19	22.28	22.24	1
		36	22	22.58	22.67	22.62	0
		36	43	21.24	21.38	21.28	1
		75	0	21.43	21.56	21.52	1
15M	DFT-S 16QAM	1	1	21.44	21.51	21.45	1
15M	DFT-S 64QAM	1	1	21.19	21.34	21.29	2.5
15M	DFT-S 256QAM	1	1	19.04	19.21	19.14	4.5
15M	CP QPSK	1	1	22.28	22.37	22.32	1.5

NR Conducted Power (Full)							
NR Band 2							
BW	MCS Index	Channel		371000	376000	381000	3GPP MPR
		Frequency (MHz)		1855	1880	1905	
10M	DFT-S PI/2 BPSK	1	1	22.41	22.84	22.80	0
10M	DFT-S QPSK	1	1	22.39	22.88	22.76	0
		1	26	22.64	22.81	22.74	0
		1	50	22.64	22.74	22.70	0
		25	0	22.26	22.38	22.28	1
		25	14	22.65	22.70	22.62	0
		25	27	21.25	21.33	21.33	1
		50	0	21.47	21.58	21.56	1
10M	DFT-S 16QAM	1	1	21.37	21.51	21.41	1
10M	DFT-S 64QAM	1	1	21.19	21.33	21.29	2.5
10M	DFT-S 256QAM	1	1	19.07	19.18	19.10	4.5
10M	CP QPSK	1	1	22.30	22.36	22.26	1.5
BW	MCS Index	Channel		370500	376000	381500	3GPP MPR
		Frequency (MHz)		1852.5	1880	1907.5	
5M	DFT-S PI/2 BPSK	1	1	22.42	22.80	22.74	0
5M	DFT-S QPSK	1	1	22.46	22.90	22.84	0
		1	13	22.68	22.80	22.76	0
		1	23	22.69	22.72	22.73	0
		12	0	22.24	22.38	22.29	1
		12	7	22.60	22.72	22.66	0
		12	13	21.20	21.38	21.31	1
		25	0	21.53	21.52	21.52	1
5M	DFT-S 16QAM	1	1	21.42	21.46	21.42	1
5M	DFT-S 64QAM	1	1	21.24	21.39	21.28	2.5
5M	DFT-S 256QAM	1	1	19.02	19.18	19.11	4.5
5M	CP QPSK	1	1	22.30	22.38	22.32	1.5

NR Conducted Power (Full)							
NR Band 5							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		166800	167300	167800	
		Frequency (MHz)		834	836.5	839	
20M	DFT-S PI/2 BPSK	1	1	23.50	23.68	23.61	0
20M	DFT-S QPSK	1	1	23.56	23.72	23.64	0
		1	53	23.67	23.70	23.69	0
		1	104	23.56	23.64	23.62	0
		50	0	23.09	23.22	23.15	1
		50	28	23.45	23.62	23.51	0
		50	56	22.31	22.41	22.34	1
		100	0	22.40	22.46	22.45	1
20M	DFT-S 16QAM	1	1	22.35	22.38	22.38	1
20M	DFT-S 64QAM	1	1	21.04	21.12	21.10	2.5
20M	DFT-S 256QAM	1	1	19.23	19.32	19.26	4.5
20M	CP QPSK	1	1	22.12	22.26	22.20	1.5
BW	MCS Index	Channel		166300	167300	168300	3GPP MPR
		Frequency (MHz)		831.5	836.5	841.5	
15M	DFT-S PI/2 BPSK	1	1	23.41	23.67	23.58	0
15M	DFT-S QPSK	1	1	23.48	23.69	23.55	0
		1	40	23.67	23.70	23.67	0
		1	77	23.52	23.56	23.55	0
		36	0	22.98	23.18	23.11	1
		36	22	23.36	23.53	23.50	0
		36	43	22.25	22.38	22.26	1
		75	0	22.37	22.41	22.43	1
15M	DFT-S 16QAM	1	1	22.27	22.38	22.37	1
15M	DFT-S 64QAM	1	1	20.95	21.11	21.04	2.5
15M	DFT-S 256QAM	1	1	19.13	19.28	19.18	4.5
15M	CP QPSK	1	1	22.12	22.17	22.10	1.5

NR Conducted Power (Full)							
NR Band 5							
BW	MCS Index	Channel		165800	167300	168800	3GPP MPR
		Frequency (MHz)		829	836.5	844	
10M	DFT-S PI/2 BPSK	1	1	23.42	23.67	23.53	0
10M	DFT-S QPSK	1	1	23.48	23.67	23.54	0
		1	26	23.64	23.61	23.59	0
		1	50	23.46	23.61	23.55	0
		25	0	23.02	23.15	23.11	1
		25	14	23.40	23.50	23.48	0
		25	27	22.28	22.40	22.27	1
		50	0	22.32	22.39	22.45	1
10M	DFT-S 16QAM	1	1	22.31	22.37	22.28	1
10M	DFT-S 64QAM	1	1	20.95	21.02	21.06	2.5
10M	DFT-S 256QAM	1	1	19.22	19.29	19.25	4.5
10M	CP QPSK	1	1	22.07	22.24	22.12	1.5
BW	MCS Index	Channel		165300	167300	169300	3GPP MPR
		Frequency (MHz)		826.5	836.5	846.5	
5M	DFT-S PI/2 BPSK	1	1	23.42	23.59	23.56	0
5M	DFT-S QPSK	1	1	23.55	23.70	23.55	0
		1	13	23.60	23.68	23.67	0
		1	23	23.56	23.63	23.54	0
		12	0	22.98	23.21	23.11	1
		12	7	23.36	23.60	23.48	0
		12	13	22.25	22.33	22.28	1
		25	0	22.33	22.44	22.43	1
5M	DFT-S 16QAM	1	1	22.25	22.30	22.28	1
5M	DFT-S 64QAM	1	1	21.03	21.03	21.09	2.5
5M	DFT-S 256QAM	1	1	19.15	19.30	19.17	4.5
5M	CP QPSK	1	1	22.10	22.17	22.19	1.5

NR Conducted Power (Full)							
NR Band 7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		505000	507000	509000	
		Frequency (MHz)		2525	2535	2545	
50M	DFT-S PI/2 BPSK	1	1	22.42	22.61	22.48	0
50M	DFT-S QPSK	1	1	22.51	22.65	22.54	0
		1	135	22.46	22.58	22.56	0
		1	268	22.41	22.46	22.43	0
		135	0	21.88	22.06	21.99	1
		135	68	22.24	22.45	22.32	0
		135	135	21.85	21.99	21.90	1
		270	0	21.75	21.88	21.80	1
50M	DFT-S 16QAM	1	1	21.76	21.82	21.81	1
50M	DFT-S 64QAM	1	1	20.03	20.19	20.12	2.5
50M	DFT-S 256QAM	1	1	18.26	18.26	18.26	4.5
50M	CP QPSK	1	1	21.21	21.29	21.21	1.5
BW	MCS Index	Channel		504000	507000	510000	3GPP MPR
		Frequency (MHz)		2520	2535	2550	
40M	DFT-S PI/2 BPSK	1	1	22.41	22.52	22.40	0
40M	DFT-S QPSK	1	1	22.45	22.60	22.45	0
		1	108	22.39	22.48	22.54	0
		1	214	22.40	22.46	22.37	0
		108	0	21.82	22.01	21.98	1
		108	54	22.20	22.39	22.32	0
		108	108	21.80	21.91	21.82	1
		216	0	21.67	21.73	21.75	1
40M	DFT-S 16QAM	1	1	21.75	21.80	21.77	1
40M	DFT-S 64QAM	1	1	20.03	20.11	20.03	2.5
40M	DFT-S 256QAM	1	1	18.17	18.25	18.20	4.5
40M	CP QPSK	1	1	21.13	21.29	21.18	1.5

NR Conducted Power (Full)							
NR Band 7							
BW	MCS Index	Channel		503000	507000	511000	3GPP MPR
		Frequency (MHz)		2515	2535	2555	
30M	DFT-S PI/2 BPSK	1	1	22.41	22.57	22.45	0
30M	DFT-S QPSK	1	1	22.46	22.59	22.45	0
		1	80	22.36	22.58	22.52	0
		1	158	22.36	22.43	22.35	0
		80	0	21.78	22.01	21.87	1
		80	40	22.15	22.38	22.26	0
		80	80	21.83	21.95	21.86	1
		160	0	21.75	21.87	21.77	1
30M	DFT-S 16QAM	1	1	21.75	21.76	21.77	1
30M	DFT-S 64QAM	1	1	19.95	20.09	20.06	2.5
30M	DFT-S 256QAM	1	1	18.17	18.24	18.26	4.5
30M	CP QPSK	1	1	21.19	21.24	21.21	1.5
BW	MCS Index	Channel		502500	507000	511500	3GPP MPR
		Frequency (MHz)		2512.5	2535	2557.5	
25M	DFT-S PI/2 BPSK	1	1	22.34	22.58	22.45	0
25M	DFT-S QPSK	1	1	22.47	22.57	22.46	0
		1	67	22.42	22.48	22.53	0
		1	131	22.37	22.36	22.38	0
		64	0	21.85	22.03	21.88	1
		64	35	22.24	22.42	22.22	0
		64	69	21.81	21.91	21.81	1
		128	0	21.67	21.68	21.71	1
25M	DFT-S 16QAM	1	1	21.76	21.82	21.77	1
25M	DFT-S 64QAM	1	1	20.02	20.19	20.09	2.5
25M	DFT-S 256QAM	1	1	18.22	18.21	18.23	4.5
25M	CP QPSK	1	1	21.17	21.29	21.15	1.5

NR Conducted Power (Full)							
NR Band 7							
BW	MCS Index	Channel		502000	507000	512000	3GPP MPR
		Frequency (MHz)		2510	2535	2560	
20M	DFT-S PI/2 BPSK	1	1	22.34	22.58	22.41	0
20M	DFT-S QPSK	1	1	22.42	22.55	22.45	0
		1	53	22.38	22.48	22.51	0
		1	104	22.40	22.36	22.42	0
		50	0	21.89	22.05	21.94	1
		50	28	22.24	22.42	22.30	0
		50	56	21.82	21.91	21.83	1
		100	0	21.73	21.87	21.72	1
20M	DFT-S 16QAM	1	1	21.76	21.74	21.76	1
20M	DFT-S 64QAM	1	1	20.02	20.09	20.08	2.5
20M	DFT-S 256QAM	1	1	18.24	18.19	18.20	4.5
20M	CP QPSK	1	1	21.21	21.24	21.15	1.5
BW	MCS Index	Channel		501500	507000	512500	3GPP MPR
		Frequency (MHz)		2507.5	2535	2562.5	
15M	DFT-S PI/2 BPSK	1	1	22.36	22.58	22.47	0
15M	DFT-S QPSK	1	1	22.47	22.59	22.54	0
		1	40	22.38	22.55	22.56	0
		1	77	22.35	22.37	22.43	0
		36	0	21.85	22.02	21.88	1
		36	22	22.24	22.39	22.24	0
		36	43	21.77	21.95	21.80	1
		75	0	21.71	21.78	21.76	1
15M	DFT-S 16QAM	1	1	21.76	21.81	21.80	1
15M	DFT-S 64QAM	1	1	19.97	20.17	20.09	2.5
15M	DFT-S 256QAM	1	1	18.25	18.25	18.26	4.5
15M	CP QPSK	1	1	21.21	21.26	21.14	1.5

NR Conducted Power (Full)							
NR Band 7							
BW	MCS Index	Channel		501000	507000	513000	3GPP MPR
		Frequency (MHz)		2505	2535	2565	
10M	DFT-S PI/2 BPSK	1	1	22.41	22.51	22.43	0
10M	DFT-S QPSK	1	1	22.44	22.58	22.52	0
		1	26	22.44	22.57	22.54	0
		1	50	22.33	22.46	22.35	0
		25	0	21.81	21.99	21.88	1
		25	14	22.18	22.34	22.22	0
		25	27	21.77	21.90	21.83	1
		50	0	21.67	21.87	21.73	1
10M	DFT-S 16QAM	1	1	21.68	21.74	21.76	1
10M	DFT-S 64QAM	1	1	20.02	20.19	20.10	2.5
10M	DFT-S 256QAM	1	1	18.22	18.19	18.20	4.5
10M	CP QPSK	1	1	21.12	21.19	21.20	1.5
BW	MCS Index	Channel		500500	507000	513500	3GPP MPR
		Frequency (MHz)		2502.5	2535	2567.5	
5M	DFT-S PI/2 BPSK	1	1	22.34	22.54	22.46	0
5M	DFT-S QPSK	1	1	22.45	22.55	22.47	0
		1	13	22.37	22.58	22.52	0
		1	23	22.39	22.41	22.40	0
		12	0	21.88	22.03	21.91	1
		12	7	22.23	22.41	22.23	0
		12	13	21.82	21.93	21.83	1
		25	0	21.69	21.79	21.76	1
5M	DFT-S 16QAM	1	1	21.71	21.72	21.79	1
5M	DFT-S 64QAM	1	1	19.94	20.16	20.03	2.5
5M	DFT-S 256QAM	1	1	18.23	18.19	18.19	4.5
5M	CP QPSK	1	1	21.17	21.24	21.20	1.5

NR Conducted Power (Full)							
NR Band 25							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		372000	376500	381000	
		Frequency (MHz)		1860	1882.5	1905	
20M	DFT-S PI/2 BPSK	1	1	23.02	23.24	23.17	0
20M	DFT-S QPSK	1	1	23.09	23.26	23.19	0
		1	53	23.18	23.18	23.18	0
		1	104	23.00	23.08	23.03	0
		50	0	21.73	21.78	21.77	1
		50	28	23.13	23.15	23.14	0
		50	56	21.35	21.44	21.35	1
		100	0	21.61	21.68	21.65	1
20M	DFT-S 16QAM	1	1	21.61	21.64	21.62	1
20M	DFT-S 64QAM	1	1	20.77	20.83	20.78	2.5
20M	DFT-S 256QAM	1	1	18.68	18.76	18.70	4.5
20M	CP QPSK	1	1	21.74	21.74	21.74	1.5
BW	MCS Index	Channel		371500	376500	381500	3GPP MPR
		Frequency (MHz)		1857.5	1882.5	1907.5	
15M	DFT-S PI/2 BPSK	1	1	23.00	23.22	23.14	0
15M	DFT-S QPSK	1	1	22.99	23.17	23.17	0
		1	40	23.13	23.18	23.14	0
		1	77	22.93	23.02	22.98	0
		36	0	21.75	21.81	21.79	1
		36	22	23.07	23.09	23.07	0
		36	43	21.31	21.41	21.26	1
		75	0	21.56	21.61	21.63	1
15M	DFT-S 16QAM	1	1	21.56	21.58	21.61	1
15M	DFT-S 64QAM	1	1	20.69	20.82	20.69	2.5
15M	DFT-S 256QAM	1	1	18.67	18.73	18.69	4.5
15M	CP QPSK	1	1	21.71	21.64	21.74	1.5

NR Conducted Power (Full)							
NR Band 25							
BW	MCS Index	Channel		371000	376500	382000	3GPP MPR
		Frequency (MHz)		1855	1882.5	1910	
10M	DFT-S PI/2 BPSK	1	1	22.95	23.22	23.10	0
10M	DFT-S QPSK	1	1	23.00	23.22	23.16	0
		1	26	23.17	23.13	23.15	0
		1	50	22.94	22.98	22.94	0
		25	0	21.72	21.75	21.73	1
		25	14	23.08	23.07	23.11	0
		25	27	21.25	21.43	21.29	1
		50	0	21.61	21.64	21.65	1
10M	DFT-S 16QAM	1	1	21.57	21.62	21.59	1
10M	DFT-S 64QAM	1	1	20.70	20.77	20.73	2.5
10M	DFT-S 256QAM	1	1	18.65	18.74	18.62	4.5
10M	CP QPSK	1	1	21.74	21.64	21.67	1.5
BW	MCS Index	Channel		370500	376500	382500	3GPP MPR
		Frequency (MHz)		1852.5	1882.5	1912.5	
5M	DFT-S PI/2 BPSK	1	1	22.99	23.15	23.17	0
5M	DFT-S QPSK	1	1	23.08	23.18	23.18	0
		1	13	23.17	23.09	23.11	0
		1	23	22.96	23.00	22.97	0
		12	0	21.71	21.75	21.72	1
		12	7	23.12	23.05	23.05	0
		12	13	21.29	21.40	21.27	1
		25	0	21.54	21.58	21.57	1
5M	DFT-S 16QAM	1	1	21.51	21.63	21.53	1
5M	DFT-S 64QAM	1	1	20.77	20.81	20.68	2.5
5M	DFT-S 256QAM	1	1	18.59	18.76	18.62	4.5
5M	CP QPSK	1	1	21.67	21.67	21.66	1.5

NR Conducted Power (Full)							
NR Band 30							
BW	MCS Index	RB Size	RB Offset		Mid		3GPP MPR (dB)
		Channel			462000		
		Frequency (MHz)			2310		
10M	DFT-S PI/2 BPSK	1	1		21.51		0
10M	DFT-S QPSK	1	1		21.56		0
		1	26		21.49		0
		1	50		21.37		0
		25	0		20.89		1
		25	14		21.34		0
		25	27		20.65		1
		50	0		20.45		1
10M	DFT-S 16QAM	1	1		20.69		1
10M	DFT-S 64QAM	1	1		18.84		2.5
10M	DFT-S 256QAM	1	1		16.92		4.5
10M	CP QPSK	1	1		20.81		1.5
BW	MCS Index	Channel		461500	462000	462500	3GPP MPR
		Frequency (MHz)		2307.5	2310	2312.5	
5M	DFT-S PI/2 BPSK	1	1	21.42	21.45	21.35	0
5M	DFT-S QPSK	1	1	21.51	21.54	21.38	0
		1	13	21.30	21.49	21.36	0
		1	23	21.21	21.27	21.27	0
		12	0	20.72	20.79	20.75	1
		12	7	21.21	21.25	21.26	0
		12	13	20.56	20.65	20.56	1
		25	0	20.34	20.37	20.35	1
5M	DFT-S 16QAM	1	1	20.56	20.61	20.53	1
5M	DFT-S 64QAM	1	1	18.74	18.81	18.67	2.5
5M	DFT-S 256QAM	1	1	16.85	16.84	16.86	4.5
5M	CP QPSK	1	1	20.72	20.74	20.71	1.5

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		346000	349000	352000	
		Frequency (MHz)		1730	1745	1760	
40M	DFT-S PI/2 BPSK	1	1	22.74	22.92	22.82	0
40M	DFT-S QPSK	1	1	22.77	22.96	22.89	0
		1	108	22.69	22.82	22.75	0
		1	214	22.75	22.80	22.78	0
		108	0	22.18	22.37	22.28	1
		108	54	22.56	22.76	22.65	0
		108	108	21.49	21.54	21.54	1
		216	0	21.30	21.41	21.38	1
40M	DFT-S 16QAM	1	1	21.44	21.60	21.50	1
40M	DFT-S 64QAM	1	1	20.42	20.52	20.48	2.5
40M	DFT-S 256QAM	1	1	18.43	18.48	18.48	4.5
40M	CP QPSK	1	1	21.47	21.52	21.50	1.5
BW	MCS Index	Channel		345000	349000	353000	3GPP MPR
		Frequency (MHz)		1725	1745	1765	
30M	DFT-S PI/2 BPSK	1	1	22.68	22.87	22.75	0
30M	DFT-S QPSK	1	1	22.72	22.94	22.80	0
		1	80	22.61	22.81	22.70	0
		1	158	22.67	22.70	22.73	0
		80	0	22.09	22.28	22.18	1
		80	40	22.47	22.65	22.55	0
		80	80	21.39	21.49	21.44	1
		160	0	21.28	21.34	21.38	1
30M	DFT-S 16QAM	1	1	21.36	21.58	21.40	1
30M	DFT-S 64QAM	1	1	20.35	20.46	20.42	2.5
30M	DFT-S 256QAM	1	1	18.36	18.38	18.45	4.5
30M	CP QPSK	1	1	21.43	21.49	21.47	1.5

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	Channel		344500	349000	353500	3GPP MPR
		Frequency (MHz)		1722.5	1745	1767.5	
25M	DFT-S PI/2 BPSK	1	1	22.66	22.90	22.72	0
25M	DFT-S QPSK	1	1	22.71	22.89	22.80	0
		1	67	22.68	22.79	22.68	0
		1	131	22.71	22.78	22.68	0
		64	0	22.11	22.17	22.14	1
		64	35	22.49	22.71	22.61	0
		64	69	21.43	21.52	21.45	1
		128	0	21.25	21.40	21.31	1
25M	DFT-S 16QAM	1	1	21.42	21.56	21.42	1
25M	DFT-S 64QAM	1	1	20.36	20.44	20.44	2.5
25M	DFT-S 256QAM	1	1	18.35	18.39	18.43	4.5
25M	CP QPSK	1	1	21.44	21.48	21.41	1.5
BW	MCS Index	Channel		344000	349000	354000	3GPP MPR
		Frequency (MHz)		1720	1745	1770	
20M	DFT-S PI/2 BPSK	1	1	22.73	22.89	22.76	0
20M	DFT-S QPSK	1	1	22.74	22.92	22.89	0
		1	53	22.69	22.75	22.74	0
		1	104	22.72	22.72	22.74	0
		50	0	22.14	22.35	22.21	1
		50	28	22.55	22.74	22.60	0
		50	56	21.40	21.48	21.45	1
		100	0	21.30	21.36	21.30	1
20M	DFT-S 16QAM	1	1	21.37	21.59	21.44	1
20M	DFT-S 64QAM	1	1	20.40	20.45	20.40	2.5
20M	DFT-S 256QAM	1	1	18.42	18.47	18.42	4.5
20M	CP QPSK	1	1	21.44	21.43	21.47	1.5

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	Channel		343500	349000	354500	3GPP MPR
		Frequency (MHz)		1717.5	1745	1772.5	
15M	DFT-S PI/2 BPSK	1	1	22.71	22.83	22.72	0
15M	DFT-S QPSK	1	1	22.69	22.88	22.83	0
		1	40	22.66	22.76	22.74	0
		1	77	22.72	22.70	22.72	0
		36	0	22.08	22.36	22.18	1
		36	22	22.47	22.74	22.56	0
		36	43	21.44	21.51	21.46	1
		75	0	21.24	21.33	21.29	1
15M	DFT-S 16QAM	1	1	21.44	21.58	21.42	1
15M	DFT-S 64QAM	1	1	20.41	20.49	20.45	2.5
15M	DFT-S 256QAM	1	1	18.43	18.45	18.47	4.5
15M	CP QPSK	1	1	21.47	21.47	21.47	1.5
BW	MCS Index	Channel		343000	349000	355000	3GPP MPR
		Frequency (MHz)		1715	1745	1775	
10M	DFT-S PI/2 BPSK	1	1	22.68	22.90	22.78	0
10M	DFT-S QPSK	1	1	22.67	22.95	22.86	0
		1	26	22.65	22.74	22.75	0
		1	50	22.72	22.76	22.74	0
		25	0	22.11	22.33	22.24	1
		25	14	22.50	22.72	22.63	0
		25	27	21.40	21.44	21.53	1
		50	0	21.26	21.34	21.37	1
10M	DFT-S 16QAM	1	1	21.41	21.53	21.45	1
10M	DFT-S 64QAM	1	1	20.40	20.45	20.47	2.5
10M	DFT-S 256QAM	1	1	18.35	18.44	18.46	4.5
10M	CP QPSK	1	1	21.38	21.48	21.41	1.5

NR Conducted Power (Full)							
NR Band 66							
BW	MCS Index	Channel		342500	349000	355500	3GPP MPR
		Frequency (MHz)		1712.5	1745	1777.5	
5M	DFT-S PI/2 BPSK	1	1	22.71	22.82	22.75	0
5M	DFT-S QPSK	1	1	22.76	22.88	22.80	0
		1	13	22.67	22.82	22.73	0
		1	23	22.65	22.70	22.71	0
		12	0	22.08	22.34	22.21	1
		12	7	22.46	22.70	22.58	0
		12	13	21.46	21.45	21.54	1
		25	0	21.22	21.32	21.29	1
5M	DFT-S 16QAM	1	1	21.41	21.59	21.40	1
5M	DFT-S 64QAM	1	1	20.35	20.45	20.38	2.5
5M	DFT-S 256QAM	1	1	18.36	18.48	18.40	4.5
5M	CP QPSK	1	1	21.39	21.51	21.41	1.5

NR Conducted Power (Full)							
NR Band 71							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		134600	136100	137600	
		Frequency (MHz)		673	680.5	688	
20M	DFT-S PI/2 BPSK	1	1	23.40	23.44	23.31	0
20M	DFT-S QPSK	1	1	23.42	23.48	23.36	0
		1	53	23.30	23.40	23.27	0
		1	104	23.28	23.38	23.23	0
		50	0	22.86	22.99	22.81	1
		50	28	23.23	23.30	23.19	0
		50	56	22.23	22.33	22.20	1
		100	0	22.29	22.39	22.22	1
20M	DFT-S 16QAM	1	1	22.37	22.37	22.32	1
20M	DFT-S 64QAM	1	1	20.95	20.96	20.91	2.5
20M	DFT-S 256QAM	1	1	18.91	18.92	18.81	4.5
20M	CP QPSK	1	1	21.89	21.93	21.87	1.5
BW	MCS Index	Channel		134100	136100	138100	3GPP MPR
		Frequency (MHz)		670.5	680.5	690.5	
15M	DFT-S PI/2 BPSK	1	1	23.32	23.42	23.24	0
15M	DFT-S QPSK	1	1	23.38	23.39	23.28	0
		1	40	23.29	23.40	23.20	0
		1	77	23.23	23.29	23.14	0
		36	0	22.78	22.89	22.81	1
		36	22	23.15	23.26	23.19	0
		36	43	22.22	22.28	22.19	1
		75	0	22.29	22.30	22.12	1
15M	DFT-S 16QAM	1	1	22.34	22.32	22.31	1
15M	DFT-S 64QAM	1	1	20.90	20.87	20.84	2.5
15M	DFT-S 256QAM	1	1	18.82	18.83	18.81	4.5
15M	CP QPSK	1	1	21.87	21.86	21.83	1.5

NR Conducted Power (Full)							
NR Band 71							
BW	MCS Index	Channel		133600	136100	138600	3GPP MPR
		Frequency (MHz)		668	680.5	693	
10M	DFT-S PI/2 BPSK	1	1	23.35	23.42	23.24	0
10M	DFT-S QPSK	1	1	23.32	23.44	23.26	0
		1	26	23.28	23.34	23.20	0
		1	50	23.26	23.28	23.16	0
		25	0	22.86	22.91	22.81	1
		25	14	23.22	23.28	23.10	0
		25	27	22.17	22.30	22.12	1
		50	0	22.22	22.29	22.15	1
10M	DFT-S 16QAM	1	1	22.27	22.29	22.22	1
10M	DFT-S 64QAM	1	1	20.91	20.90	20.84	2.5
10M	DFT-S 256QAM	1	1	18.86	18.90	18.74	4.5
10M	CP QPSK	1	1	21.84	21.87	21.78	1.5
BW	MCS Index	Channel		133100	136100	139100	3GPP MPR
		Frequency (MHz)		665.5	680.5	695.5	
5M	DFT-S PI/2 BPSK	1	1	23.34	23.39	23.23	0
5M	DFT-S QPSK	1	1	23.41	23.46	23.28	0
		1	13	23.24	23.40	23.25	0
		1	23	23.21	23.31	23.23	0
		12	0	22.78	22.89	22.81	1
		12	7	23.14	23.26	23.14	0
		12	13	22.21	22.33	22.20	1
		25	0	22.28	22.33	22.21	1
5M	DFT-S 16QAM	1	1	22.37	22.27	22.31	1
5M	DFT-S 64QAM	1	1	20.91	20.88	20.88	2.5
5M	DFT-S 256QAM	1	1	18.83	18.86	18.73	4.5
5M	CP QPSK	1	1	21.87	21.90	21.85	1.5

NR Conducted Power (Full)							
NR Band 38							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		518000	519000	520000	
		Frequency (MHz)		2590	2595	2600	
40M	DFT-S PI/2 BPSK	1	1	22.36	22.49	22.41	0
40M	DFT-S QPSK	1	1	22.39	22.52	22.45	0
		1	53	22.32	22.43	22.33	0
		1	104	22.23	22.37	22.32	0
		50	0	21.89	21.99	21.91	1
		50	28	22.38	22.47	22.39	0
		50	56	21.61	21.80	21.71	1
		100	0	21.83	21.86	21.83	1
40M	DFT-S 16QAM	1	1	21.69	21.83	21.75	1
40M	DFT-S 64QAM	1	1	21.14	21.21	21.14	2.5
40M	DFT-S 256QAM	1	1	19.19	19.27	19.22	4.5
40M	CP QPSK	1	1	20.79	20.89	20.89	1.5
BW	MCS Index	Channel		517000	519000	521000	3GPP MPR
		Frequency (MHz)		2585	2595	2605	
30M	DFT-S PI/2 BPSK	1	1	22.29	22.47	22.38	0
30M	DFT-S QPSK	1	1	22.30	22.50	22.41	0
		1	39	22.25	22.39	22.31	0
		1	76	22.18	22.29	22.22	0
		36	0	21.88	21.96	21.87	1
		36	21	22.35	22.45	22.35	0
		36	42	21.54	21.77	21.68	1
		75	0	21.76	21.83	21.81	1
30M	DFT-S 16QAM	1	1	21.62	21.82	21.67	1
30M	DFT-S 64QAM	1	1	21.29	21.25	21.12	2.5
30M	DFT-S 256QAM	1	1	19.14	19.23	19.16	4.5
30M	CP QPSK	1	1	20.70	20.88	20.88	1.5

NR Conducted Power (Full)							
NR Band 38							
BW	MCS Index	Channel		516500	519000	521500	3GPP MPR
		Frequency (MHz)		2582.5	2595	2607.5	
25M	DFT-S PI/2 BPSK	1	1	22.35	22.40	22.39	0
25M	DFT-S QPSK	1	1	22.32	22.48	22.43	0
		1	33	22.29	22.36	22.24	0
		1	63	22.19	22.32	22.22	0
		32	0	21.88	21.98	21.86	1
		32	17	22.36	22.44	22.35	0
		32	33	21.58	21.79	21.64	1
		64	0	21.76	21.83	21.78	1
25M	DFT-S 16QAM	1	1	21.69	21.83	21.69	1
25M	DFT-S 64QAM	1	1	21.24	21.10	21.28	2.5
25M	DFT-S 256QAM	1	1	19.12	19.17	19.29	4.5
25M	CP QPSK	1	1	20.78	20.87	20.89	1.5
BW	MCS Index	Channel		516000	519000	522000	3GPP MPR
		Frequency (MHz)		2580	2595	2610	
20M	DFT-S PI/2 BPSK	1	1	22.28	22.40	22.37	0
20M	DFT-S QPSK	1	1	22.33	22.46	22.42	0
		1	26	22.23	22.34	22.28	0
		1	49	22.23	22.29	22.30	0
		25	0	21.86	21.89	21.82	1
		25	13	22.35	22.37	22.31	0
		25	26	21.57	21.79	21.61	1
		50	0	21.80	21.83	21.74	1
20M	DFT-S 16QAM	1	1	21.65	21.76	21.73	1
20M	DFT-S 64QAM	1	1	21.30	21.16	21.17	2.5
20M	DFT-S 256QAM	1	1	19.15	19.18	19.19	4.5
20M	CP QPSK	1	1	20.77	20.81	20.79	1.5

NR Conducted Power (Full)							
NR Band 38							
BW	MCS Index	Channel		515500	519000	522500	3GPP MPR
		Frequency (MHz)		2577.5	2595	2612.5	
15M	DFT-S PI/2 BPSK	1	1	22.36	22.43	22.39	0
15M	DFT-S QPSK	1	1	22.30	22.49	22.38	0
		1	19	22.27	22.33	22.25	0
		1	36	22.18	22.35	22.24	0
		18	0	21.84	21.92	21.90	1
		18	10	22.30	22.40	22.37	0
		18	20	21.59	21.77	21.69	1
		36	0	21.78	21.79	21.76	1
15M	DFT-S 16QAM	1	1	21.69	21.82	21.66	1
15M	DFT-S 64QAM	1	1	21.23	21.19	21.13	2.5
15M	DFT-S 256QAM	1	1	19.28	19.28	19.26	4.5
15M	CP QPSK	1	1	20.75	20.80	20.82	1.5
BW	MCS Index	Channel		515000	519000	523000	3GPP MPR
		Frequency (MHz)		2575	2595	2615	
10M	DFT-S PI/2 BPSK	1	1	22.34	22.45	22.31	0
10M	DFT-S QPSK	1	1	22.32	22.48	22.39	0
		1	11	22.26	22.39	22.33	0
		1	22	22.14	22.30	22.25	0
		12	0	21.79	21.98	21.89	1
		12	6	22.28	22.45	22.38	0
		12	12	21.59	21.74	21.69	1
		24	0	21.83	21.85	21.83	1
10M	DFT-S 16QAM	1	1	21.67	21.83	21.70	1
10M	DFT-S 64QAM	1	1	21.11	21.23	21.12	2.5
10M	DFT-S 256QAM	1	1	19.30	19.21	19.13	4.5
10M	CP QPSK	1	1	20.70	20.87	20.88	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		509202	513900	518598	523302	528000	
		Frequency (MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100M	DFT-S PI/2 BPSK	1	1	23.59	23.63	23.71	23.61	23.65	0
100M	DFT-S QPSK	1	1	23.63	23.68	23.75	23.66	23.69	0
		1	137	23.46	23.58	23.66	23.48	23.61	0
		1	271	23.53	23.58	23.61	23.56	23.61	0
		135	0	22.81	22.92	22.86	22.89	22.96	1
		135	69	23.30	23.39	23.54	23.37	23.45	0
		135	138	22.32	22.42	22.52	22.42	22.52	1
		270	0	22.51	22.55	22.61	22.57	22.43	1
100M	DFT-S 16QAM	1	1	22.52	22.63	22.36	22.60	22.32	1
100M	DFT-S 64QAM	1	1	21.23	21.28	21.28	21.25	21.20	2.5
100M	DFT-S 256QAM	1	1	19.27	19.17	19.12	19.13	19.17	4.5
100M	CP QPSK	1	1	21.95	22.03	21.84	21.96	21.84	1.5
BW	MCS Index	Channel		508200	513402	518598	523800	528996	3GPP MPR
		Frequency (MHz)		2541	2567.01	2592.99	2619	2644.98	
90M	DFT-S PI/2 BPSK	1	1	23.58	23.60	23.65	23.53	23.63	0
90M	DFT-S QPSK	1	1	23.63	23.65	23.66	23.65	23.61	0
		1	123	23.43	23.56	23.60	23.43	23.58	0
		1	243	23.47	23.58	23.60	23.51	23.56	0
		120	0	22.77	22.83	22.98	22.79	22.95	1
		120	63	23.24	23.31	23.49	23.27	23.42	0
		120	125	22.28	22.39	22.46	22.38	22.50	1
		243	0	22.43	22.54	22.41	22.54	22.56	1
90M	DFT-S 16QAM	1	1	22.50	22.53	22.32	22.58	22.66	1
90M	DFT-S 64QAM	1	1	21.30	21.28	21.13	21.17	21.24	2.5
90M	DFT-S 256QAM	1	1	19.29	19.14	19.26	19.30	19.19	4.5
90M	CP QPSK	1	1	21.92	21.96	21.81	21.96	22.04	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	Channel		507204	509304	518598	500298	529998	3GPP MPR
		Frequency (MHz)		2536.02	2546.52	2592.99	2621.49	2649.99	
80M	DFT-S PI/2 BPSK	1	1	23.53	23.58	23.70	23.55	23.61	0
80M	DFT-S QPSK	1	1	23.60	23.63	23.72	23.63	23.60	0
		1	109	23.39	23.54	23.61	23.47	23.59	0
		1	215	23.46	23.50	23.52	23.47	23.61	0
		108	0	22.72	22.81	22.98	22.86	22.87	1
		108	55	23.20	23.29	23.46	23.34	23.35	0
		108	109	22.32	22.34	22.44	22.32	22.42	1
		216	0	22.50	22.58	22.47	22.49	22.55	1
80M	DFT-S 16QAM	1	1	22.42	22.54	22.33	22.51	22.62	1
80M	DFT-S 64QAM	1	1	21.18	21.26	21.24	21.22	21.20	2.5
80M	DFT-S 256QAM	1	1	19.16	19.28	19.14	19.20	19.16	4.5
80M	CP QPSK	1	1	21.91	21.94	21.79	21.95	22.07	1.5
BW	MCS Index	Channel		506202	512400	518598	524802	531000	3GPP MPR
		Frequency (MHz)		2531.01	2562	2592.99	2624.01	2655	
70M	DFT-S PI/2 BPSK	1	1	23.58	23.56	23.61	23.53	23.64	0
70M	DFT-S QPSK	1	1	23.62	23.60	23.69	23.58	23.59	0
		1	95	23.40	23.54	23.61	23.43	23.55	0
		1	187	23.46	23.54	23.56	23.50	23.56	0
		90	0	22.81	22.8	22.98	22.84	22.91	1
		90	50	23.28	23.29	23.44	23.32	23.39	0
		90	99	22.25	22.32	22.42	22.36	22.45	1
		180	0	22.51	22.59	22.43	22.49	22.45	1
70M	DFT-S 16QAM	1	1	22.46	22.56	22.36	22.52	22.67	1
70M	DFT-S 64QAM	1	1	21.23	21.26	21.10	21.21	21.29	2.5
70M	DFT-S 256QAM	1	1	19.21	19.11	19.15	19.26	19.26	4.5
70M	CP QPSK	1	1	21.89	21.93	21.77	21.87	22.02	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	Channel		505200	511896	518598	525294	531996	3GPP MPR
		Frequency (MHz)		2526	2559.48	2592.99	2626.48	2659.98	
60M	DFT-S PI/2 BPSK	1	1	23.57	23.59	23.71	23.58	23.60	0
60M	DFT-S QPSK	1	1	23.58	23.68	23.73	23.63	23.59	0
		1	81	23.38	23.51	23.57	23.41	23.51	0
		1	160	23.45	23.48	23.54	23.52	23.51	0
		81	0	22.72	22.89	22.74	22.81	22.89	1
		81	41	23.20	23.38	23.49	23.27	23.36	0
		81	81	22.22	22.37	22.42	22.37	22.44	1
		162	0	22.42	22.55	22.44	22.53	22.59	1
60M	DFT-S 16QAM	1	1	22.46	22.53	22.36	22.53	22.66	1
60M	DFT-S 64QAM	1	1	21.30	21.24	21.15	21.15	21.11	2.5
60M	DFT-S 256QAM	1	1	19.11	19.29	19.25	19.30	19.11	4.5
60M	CP QPSK	1	1	21.86	22.03	21.75	21.94	22.01	1.5
BW	MCS Index	Channel		504204	511404	518598	525798	532998	3GPP MPR
		Frequency (MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50M	DFT-S PI/2 BPSK	1	1	23.51	23.59	23.67	23.51	23.64	0
50M	DFT-S QPSK	1	1	23.61	23.67	23.71	23.63	23.60	0
		1	67	23.46	23.55	23.56	23.39	23.52	0
		1	131	23.46	23.49	23.54	23.52	23.58	0
		64	0	22.79	22.91	22.96	22.79	22.89	1
		64	35	23.27	23.37	23.45	23.28	23.36	0
		64	69	22.29	22.35	22.52	22.35	22.49	1
		128	0	22.51	22.57	22.38	22.55	22.58	1
50M	DFT-S 16QAM	1	1	22.45	22.55	22.26	22.56	22.69	1
50M	DFT-S 64QAM	1	1	21.13	21.14	21.18	21.19	21.29	2.5
50M	DFT-S 256QAM	1	1	19.28	19.24	19.29	19.11	19.22	4.5
50M	CP QPSK	1	1	21.90	21.94	21.75	21.90	22.08	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	Channel		503202	510900	518598	526296	534000	3GPP MPR
		Frequency (MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40M	DFT-S PI/2 BPSK	1	1	23.58	23.61	23.66	23.60	23.57	0
40M	DFT-S QPSK	1	1	23.53	23.61	23.66	23.65	23.65	0
		1	53	23.45	23.51	23.57	23.42	23.52	0
		1	104	23.45	23.50	23.54	23.48	23.56	0
		50	0	22.74	22.85	22.97	22.85	22.91	1
		50	28	23.22	23.31	23.44	23.31	23.38	0
		50	56	22.31	22.36	22.47	22.42	22.47	1
		100	0	22.43	22.59	22.47	22.55	22.54	1
40M	DFT-S 16QAM	1	1	22.47	22.56	22.29	22.58	22.62	1
40M	DFT-S 64QAM	1	1	21.27	21.16	21.21	21.23	21.14	2.5
40M	DFT-S 256QAM	1	1	19.28	19.20	19.21	19.20	19.19	4.5
40M	CP QPSK	1	1	21.85	21.98	21.74	21.92	22.02	1.5
BW	MCS Index	Channel		502200	510396	518598	526794	534996	3GPP MPR
		Frequency (MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30M	DFT-S PI/2 BPSK	1	1	23.54	23.54	23.71	23.55	23.55	0
30M	DFT-S QPSK	1	1	23.57	23.63	23.68	23.59	23.68	0
		1	39	23.40	23.50	23.62	23.39	23.57	0
		1	76	23.46	23.49	23.55	23.49	23.58	0
		36	0	22.74	22.91	22.87	22.79	22.94	1
		36	21	23.23	23.38	23.46	23.27	23.35	0
		36	42	22.24	22.41	22.43	22.42	22.42	1
		75	0	22.42	22.53	22.44	22.52	22.56	1
30M	DFT-S 16QAM	1	1	22.52	22.54	22.29	22.58	22.64	1
30M	DFT-S 64QAM	1	1	21.14	21.22	21.17	21.30	21.26	2.5
30M	DFT-S 256QAM	1	1	19.30	19.22	19.30	19.15	19.25	4.5
30M	CP QPSK	1	1	21.88	22.02	21.83	21.94	22.07	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	Channel		501204	509898	518598	527298	535998	3GPP MPR
		Frequency (MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20M	DFT-S PI/2 BPSK	1	1	23.53	23.57	23.61	23.51	23.57	0
20M	DFT-S QPSK	1	1	23.54	23.64	23.74	23.61	23.67	0
		1	26	23.41	23.58	23.66	23.48	23.59	0
		1	49	23.49	23.48	23.57	23.56	23.55	0
		25	0	22.78	22.82	22.98	22.86	22.92	1
		25	13	23.23	23.30	23.44	23.35	23.40	0
		25	26	22.25	22.36	22.45	22.35	22.50	1
		50	0	22.46	22.57	22.43	22.56	22.59	1
20M	DFT-S 16QAM	1	1	22.45	22.56	22.30	22.53	22.67	1
20M	DFT-S 64QAM	1	1	21.29	21.20	21.21	21.15	21.26	2.5
20M	DFT-S 256QAM	1	1	19.13	19.30	19.15	19.11	19.27	4.5
20M	CP QPSK	1	1	21.88	22.00	21.81	21.88	22.04	1.5
BW	MCS Index	Channel		500700	509646	518598	527544	536496	3GPP MPR
		Frequency (MHz)		2503.5	2548.23	2592.99	2637.72	2682.48	
15M	DFT-S PI/2 BPSK	1	1	23.55	23.62	23.70	23.56	23.61	0
15M	DFT-S QPSK	1	1	23.59	23.59	23.65	23.63	23.62	0
		1	19	23.41	23.53	23.62	23.46	23.55	0
		1	36	23.51	23.55	23.58	23.52	23.55	0
		18	0	22.76	22.86	22.91	22.84	22.98	1
		18	10	23.23	23.34	23.48	23.30	23.43	0
		18	20	22.22	22.38	22.51	22.32	22.48	1
		36	0	22.50	22.57	22.48	22.54	22.55	1
15M	DFT-S 16QAM	1	1	22.46	22.63	22.26	22.60	22.59	1
15M	DFT-S 64QAM	1	1	21.11	21.14	21.17	21.20	21.22	2.5
15M	DFT-S 256QAM	1	1	19.23	19.28	19.16	19.15	19.20	4.5
15M	CP QPSK	1	1	21.89	21.99	21.76	21.90	22.02	1.5

NR Conducted Power (Full)

NR Band 41

BW	MCS Index	Channel		500202	509400	518598	527796	537000	3GPP MPR
		Frequency (MHz)		2501.01	2547	2592.99	2638.98	2685	
10M	DFT-S PI/2 BPSK	1	1	23.59	23.63	23.68	23.51	23.61	0
10M	DFT-S QPSK	1	1	23.55	23.64	23.73	23.57	23.67	0
		1	11	23.39	23.57	23.64	23.41	23.52	0
		1	22	23.48	23.52	23.61	23.52	23.52	0
		12	0	22.72	22.81	22.76	22.88	22.96	1
		12	6	23.20	23.29	23.43	23.37	23.45	0
		12	12	22.27	22.40	22.50	22.40	22.45	1
		24	0	22.44	22.51	22.44	22.54	22.59	1
10M	DFT-S 16QAM	1	1	22.52	22.63	22.35	22.51	22.61	1
10M	DFT-S 64QAM	1	1	21.11	21.25	21.12	21.10	21.22	2.5
10M	DFT-S 256QAM	1	1	19.17	19.20	19.17	19.24	19.13	4.5
10M	CP QPSK	1	1	21.86	21.98	21.81	21.88	21.99	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		509202	513900	518598	523302	528000	
		Frequency (MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100M	DFT-S PI/2 BPSK	1	1	25.51	25.53	25.82	25.48	25.62	0
100M	DFT-S QPSK	1	1	25.56	25.55	25.87	25.53	25.67	0
		1	137	25.64	25.57	25.74	25.50	25.65	0
		1	271	25.59	25.56	25.69	25.47	25.64	0
		135	0	24.83	24.84	24.94	24.78	24.85	1
		135	69	25.50	25.50	25.81	25.44	25.51	0
		135	138	24.48	24.46	24.61	24.36	24.57	1
		270	0	24.22	24.21	25.22	24.12	25.20	1
100M	DFT-S 16QAM	1	1	24.27	24.17	25.17	24.10	25.07	1
100M	DFT-S 64QAM	1	1	24.26	24.22	24.14	24.21	24.11	2.5
100M	DFT-S 256QAM	1	1	22.30	22.20	22.24	22.25	22.24	4.5
100M	CP QPSK	1	1	24.78	24.73	24.91	24.66	24.83	1.5
BW	MCS Index	Channel		508200	513402	518598	523800	528996	3GPP MPR
		Frequency (MHz)		2541	2567.01	2592.99	2619	2644.98	
90M	DFT-S PI/2 BPSK	1	1	25.42	25.48	25.81	25.45	25.53	0
90M	DFT-S QPSK	1	1	25.54	25.53	25.81	25.51	25.67	0
		1	123	25.56	25.50	25.66	25.49	25.57	0
		1	243	25.57	25.46	25.69	25.43	25.55	0
		120	0	24.78	24.79	24.85	24.72	24.76	1
		120	63	25.46	25.45	25.52	25.39	25.45	0
		120	125	24.42	24.36	24.57	24.31	24.54	1
		243	0	24.14	24.21	25.20	24.03	24.29	1
90M	DFT-S 16QAM	1	1	24.22	24.13	25.07	24.05	24.32	1
90M	DFT-S 64QAM	1	1	24.11	24.23	24.22	24.24	24.18	2.5
90M	DFT-S 256QAM	1	1	22.29	22.11	22.27	22.11	22.13	4.5
90M	CP QPSK	1	1	24.78	24.63	24.86	24.57	24.84	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	Channel		507204	509304	518598	500298	529998	3GPP MPR
		Frequency (MHz)		2536.02	2546.52	2592.99	2621.49	2649.99	
80M	DFT-S PI/2 BPSK	1	1	25.42	25.53	25.82	25.46	25.59	0
80M	DFT-S QPSK	1	1	25.52	25.51	25.79	25.44	25.65	0
		1	109	25.58	25.51	25.64	25.48	25.62	0
		1	215	25.57	25.54	25.59	25.37	25.57	0
		108	0	24.81	24.85	24.91	24.64	24.78	1
		108	55	25.47	25.41	25.59	25.39	25.47	0
		108	109	24.44	24.44	24.57	24.27	24.52	1
		216	0	24.18	24.16	25.13	24.04	24.32	1
80M	DFT-S 16QAM	1	1	24.21	24.17	25.11	24.07	24.36	1
80M	DFT-S 64QAM	1	1	24.24	24.24	24.26	24.25	24.30	2.5
80M	DFT-S 256QAM	1	1	22.30	22.24	22.20	22.14	22.27	4.5
80M	CP QPSK	1	1	24.72	24.71	24.85	24.62	24.76	1.5
BW	MCS Index	Channel		506202	512400	518598	524802	531000	3GPP MPR
		Frequency (MHz)		2531.01	2562	2592.99	2624.01	2655	
70M	DFT-S PI/2 BPSK	1	1	25.47	25.48	25.75	25.39	25.53	0
70M	DFT-S QPSK	1	1	25.46	25.52	25.82	25.48	25.62	0
		1	95	25.60	25.50	25.67	25.46	25.65	0
		1	187	25.51	25.56	25.63	25.39	25.62	0
		90	0	24.79	24.81	24.88	24.74	24.78	1
		90	50	25.48	25.46	25.52	25.40	25.46	0
		90	99	24.48	24.40	24.60	24.34	24.51	1
		180	0	24.22	24.14	25.21	24.04	24.27	1
70M	DFT-S 16QAM	1	1	24.26	24.08	25.10	24.01	24.29	1
70M	DFT-S 64QAM	1	1	24.26	24.15	24.19	24.18	24.25	2.5
70M	DFT-S 256QAM	1	1	22.13	22.13	22.21	22.20	22.15	4.5
70M	CP QPSK	1	1	24.68	24.65	24.91	24.62	24.76	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	Channel		505200	511896	518598	525294	531996	3GPP MPR
		Frequency (MHz)		2526	2559.48	2592.99	2626.48	2659.98	
60M	DFT-S PI/2 BPSK	1	1	25.49	25.46	25.72	25.38	25.60	0
60M	DFT-S QPSK	1	1	25.47	25.55	25.80	25.51	25.65	0
		1	81	25.62	25.50	25.73	25.44	25.65	0
		1	160	25.52	25.52	25.61	25.37	25.63	0
		81	0	24.78	24.79	24.96	24.72	24.78	1
		81	41	25.46	25.47	25.59	25.40	25.44	0
		81	81	24.38	24.45	24.55	24.27	24.49	1
		162	0	24.22	24.11	25.21	24.11	24.23	1
60M	DFT-S 16QAM	1	1	24.24	24.15	25.14	24.00	24.28	1
60M	DFT-S 64QAM	1	1	24.30	24.10	24.30	24.12	24.16	2.5
60M	DFT-S 256QAM	1	1	22.11	22.15	22.27	22.15	22.13	4.5
60M	CP QPSK	1	1	24.74	24.72	24.83	24.58	24.84	1.5
BW	MCS Index	Channel		504204	511404	518598	525798	532998	3GPP MPR
		Frequency (MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50M	DFT-S PI/2 BPSK	1	1	25.47	25.48	25.78	25.46	25.55	0
50M	DFT-S QPSK	1	1	25.55	25.51	25.85	25.44	25.59	0
		1	67	25.55	25.49	25.73	25.40	25.62	0
		1	131	25.57	25.48	25.61	25.40	25.54	0
		64	0	24.78	24.78	24.89	24.69	24.81	1
		64	35	25.42	25.43	25.56	25.37	25.48	0
		64	69	24.47	24.36	24.61	24.36	24.50	1
		128	0	24.22	24.17	25.16	24.02	24.27	1
50M	DFT-S 16QAM	1	1	24.20	24.12	25.13	24.01	24.35	1
50M	DFT-S 64QAM	1	1	24.22	24.17	24.14	24.22	24.28	2.5
50M	DFT-S 256QAM	1	1	22.13	22.29	22.20	22.11	22.11	4.5
50M	CP QPSK	1	1	24.75	24.69	24.87	24.64	24.81	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	Channel		503202	510900	518598	526296	534000	3GPP MPR
		Frequency (MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40M	DFT-S PI/2 BPSK	1	1	25.51	25.49	25.75	25.39	25.59	0
40M	DFT-S QPSK	1	1	25.46	25.51	25.85	25.45	25.63	0
		1	53	25.64	25.57	25.72	25.42	25.65	0
		1	104	25.57	25.51	25.63	25.44	25.54	0
		50	0	24.81	24.83	24.96	24.74	24.83	1
		50	28	25.49	25.40	25.60	25.40	25.51	0
		50	56	24.46	24.42	24.58	24.28	24.47	1
		100	0	24.14	24.17	25.18	24.08	24.24	1
40M	DFT-S 16QAM	1	1	24.27	24.15	25.17	24.00	24.27	1
40M	DFT-S 64QAM	1	1	24.16	24.25	24.12	24.13	24.17	2.5
40M	DFT-S 256QAM	1	1	22.29	22.26	22.27	22.22	22.23	4.5
40M	CP QPSK	1	1	24.74	24.65	24.81	24.65	24.84	1.5
BW	MCS Index	Channel		502200	510396	518598	526794	534996	3GPP MPR
		Frequency (MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30M	DFT-S PI/2 BPSK	1	1	25.48	25.49	25.77	25.48	25.56	0
30M	DFT-S QPSK	1	1	25.49	25.49	25.78	25.45	25.65	0
		1	39	25.61	25.48	25.68	25.46	25.56	0
		1	76	25.51	25.54	25.67	25.42	25.64	0
		36	0	24.81	24.79	24.89	24.74	24.76	1
		36	21	25.50	25.47	25.54	25.41	25.42	0
		36	42	24.45	24.42	24.58	24.34	24.50	1
		75	0	24.15	24.17	25.20	24.05	24.31	1
30M	DFT-S 16QAM	1	1	24.18	24.12	25.07	24.01	24.28	1
30M	DFT-S 64QAM	1	1	24.29	24.27	24.30	24.14	24.27	2.5
30M	DFT-S 256QAM	1	1	22.24	22.30	22.25	22.30	22.14	4.5
30M	CP QPSK	1	1	24.71	24.70	24.86	24.56	24.74	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	Channel		501204	509898	518598	527298	535998	3GPP MPR
		Frequency (MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20M	DFT-S PI/2 BPSK	1	1	25.51	25.51	25.77	25.45	25.53	0
20M	DFT-S QPSK	1	1	25.50	25.53	25.86	25.43	25.58	0
		1	26	25.64	25.56	25.65	25.40	25.58	0
		1	49	25.53	25.53	25.62	25.37	25.54	0
		25	0	24.76	24.79	24.88	24.69	24.76	1
		25	13	25.43	25.44	25.55	25.38	25.45	0
		25	26	24.40	24.44	24.59	24.30	24.57	1
		50	0	24.13	24.18	25.12	24.12	24.30	1
20M	DFT-S 16QAM	1	1	24.24	24.13	25.16	24.07	24.30	1
20M	DFT-S 64QAM	1	1	24.29	24.16	24.12	24.29	24.30	2.5
20M	DFT-S 256QAM	1	1	22.19	22.20	22.13	22.25	22.23	4.5
20M	CP QPSK	1	1	24.78	24.64	24.90	24.64	24.81	1.5
BW	MCS Index	Channel		500700	509646	518598	527544	536496	3GPP MPR
		Frequency (MHz)		2503.5	2548.23	2592.99	2637.72	2682.48	
15M	DFT-S PI/2 BPSK	1	1	25.47	25.46	25.81	25.47	25.61	0
15M	DFT-S QPSK	1	1	25.50	25.45	25.77	25.46	25.67	0
		1	19	25.54	25.56	25.65	25.41	25.58	0
		1	36	25.55	25.52	25.60	25.40	25.63	0
		18	0	24.81	24.79	24.92	24.7	24.82	1
		18	10	25.50	25.47	25.56	25.39	25.49	0
		18	20	24.44	24.41	24.58	24.26	24.51	1
		36	0	24.18	24.21	25.19	24.11	24.30	1
15M	DFT-S 16QAM	1	1	24.24	24.07	25.15	24.10	24.34	1
15M	DFT-S 64QAM	1	1	24.25	24.19	24.30	24.12	24.15	2.5
15M	DFT-S 256QAM	1	1	22.13	22.19	22.20	22.24	22.15	4.5
15M	CP QPSK	1	1	24.77	24.68	24.85	24.63	24.80	1.5

NR Conducted Power (Full)

NR Band 41- HPUE

BW	MCS Index	Channel		500202	509400	518598	527796	537000	3GPP MPR
		Frequency (MHz)		2501.01	2547	2592.99	2638.98	2685	
10M	DFT-S PI/2 BPSK	1	1	25.51	25.47	25.79	25.46	25.57	0
10M	DFT-S QPSK	1	1	25.51	25.47	25.79	25.45	25.62	0
		1	11	25.63	25.47	25.72	25.46	25.58	0
		1	22	25.56	25.49	25.66	25.42	25.54	0
		12	0	24.79	24.79	24.87	24.76	24.86	1
		12	6	25.48	25.43	25.59	25.42	25.50	0
		12	12	24.40	24.42	24.59	24.31	24.51	1
		24	0	24.17	24.15	25.21	24.02	24.30	1
10M	DFT-S 16QAM	1	1	24.22	24.17	25.11	24.05	24.28	1
10M	DFT-S 64QAM	1	1	24.16	24.24	24.24	24.30	24.21	2.5
10M	DFT-S 256QAM	1	1	22.21	22.10	22.27	22.27	22.28	4.5
10M	CP QPSK	1	1	24.77	24.68	24.86	24.60	24.78	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		650000	653000	656000	659000	662000	
		Frequency (MHz)		3750	3795	3840	3885	3930	
100M	DFT-S PI/2 BPSK	1	1	26.20	26.14	26.45	26.26	26.37	0
100M	DFT-S QPSK	1	1	26.25	26.17	26.48	26.28	26.41	0
		1	137	26.32	26.30	26.45	26.36	26.42	0
		1	271	26.28	26.19	26.40	26.36	26.38	0
		135	0	25.75	25.69	25.9	25.78	25.82	1
		135	69	26.24	26.17	26.35	26.26	26.31	0
		135	138	24.67	24.64	24.74	24.67	24.69	1
		270	0	25.26	25.24	25.33	25.27	24.05	1
100M	DFT-S 16QAM	1	1	25.36	25.27	24.67	25.41	24.65	1
100M	DFT-S 64QAM	1	1	24.13	24.14	24.20	24.21	24.15	2.5
100M	DFT-S 256QAM	1	1	22.29	22.28	22.11	22.26	22.18	4.5
100M	CP QPSK	1	1	24.11	24.05	24.62	24.12	24.58	1.5
BW	MCS Index	Channel		649668	652834	656000	659166	662332	3GPP MPR
		Frequency (MHz)		3745.02	3792.51	3840	3887.49	3934.98	
90M	DFT-S PI/2 BPSK	1	1	25.51	25.40	25.69	25.58	25.63	0
90M	DFT-S QPSK	1	1	25.55	25.41	25.78	25.62	25.72	0
		1	123	25.65	25.60	25.77	25.64	25.69	0
		1	243	25.55	25.48	25.73	25.69	25.62	0
		120	0	25.53	25.44	25.69	25.57	25.61	1
		120	63	25.51	25.42	25.68	25.55	25.55	0
		120	125	24.01	23.9	24.01	23.94	23.97	1
		243	0	24.53	24.54	24.09	24.59	24.65	1
90M	DFT-S 16QAM	1	1	24.70	24.52	24.01	24.70	24.72	1
90M	DFT-S 64QAM	1	1	24.27	24.29	24.25	24.14	24.11	2.5
90M	DFT-S 256QAM	1	1	22.30	22.23	22.24	22.17	22.12	4.5
90M	CP QPSK	1	1	23.38	23.36	23.91	23.39	23.49	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	Channel		649334	652666	656000	659334	662666	3GPP MPR
		Frequency (MHz)		3740.01	3789.99	3840	3890.01	3939.99	
80M	DFT-S PI/2 BPSK	1	1	25.47	25.45	25.79	25.54	25.63	0
80M	DFT-S QPSK	1	1	25.51	25.51	25.72	25.59	25.69	0
		1	109	25.62	25.59	25.71	25.63	25.66	0
		1	215	25.54	25.47	25.69	25.60	25.65	0
		108	0	25.56	25.51	25.71	25.59	25.62	1
		108	55	25.54	25.50	25.66	25.58	25.59	0
		108	109	23.94	23.95	24.07	23.95	24.01	1
		216	0	24.58	24.57	24.14	24.64	24.70	1
80M	DFT-S 16QAM	1	1	24.67	24.52	24	24.73	24.71	1
80M	DFT-S 64QAM	1	1	24.21	24.17	24.14	24.29	24.17	2.5
80M	DFT-S 256QAM	1	1	22.30	22.13	22.12	22.16	22.28	4.5
80M	CP QPSK	1	1	23.44	23.3	23.89	23.46	23.45	1.5
BW	MCS Index	Channel		649000	652500	656000	659500	663000	3GPP MPR
		Frequency (MHz)		3735	3787.5	3840	3892.5	3945	
70M	DFT-S PI/2 BPSK	1	1	25.51	25.38	25.69	25.52	25.63	0
70M	DFT-S QPSK	1	1	25.49	25.46	25.78	25.61	25.71	0
		1	95	25.56	25.62	25.75	25.68	25.69	0
		1	187	25.60	25.48	25.66	25.67	25.66	0
		90	0	25.65	25.46	25.67	25.61	25.66	1
		90	50	25.55	25.45	25.65	25.59	25.65	0
		90	99	24	23.98	24.07	23.93	23.97	1
		180	0	24.60	24.56	24.04	24.60	24.65	1
70M	DFT-S 16QAM	1	1	24.63	24.52	23.97	24.74	24.71	1
70M	DFT-S 64QAM	1	1	24.19	24.28	24.13	24.10	24.26	2.5
70M	DFT-S 256QAM	1	1	22.20	22.16	22.27	22.14	22.11	4.5
70M	CP QPSK	1	1	23.41	23.34	23.96	23.43	23.44	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	Channel		648668	652334	656000	659666	663332	3GPP MPR
		Frequency (MHz)		3730.02	3785.01	3840	3894.99	3949.98	
60M	DFT-S PI/2 BPSK	1	1	25.53	25.48	25.71	25.53	25.71	0
60M	DFT-S QPSK	1	1	25.57	25.43	25.72	25.55	25.69	0
		1	81	25.66	25.54	25.79	25.69	25.68	0
		1	160	25.60	25.45	25.72	25.65	25.66	0
		81	0	25.56	25.48	25.66	25.59	25.61	1
		81	41	25.54	25.43	25.64	25.57	25.57	0
		81	81	23.96	23.92	24.05	23.99	23.98	1
		162	0	24.57	24.48	24.11	24.65	24.70	1
60M	DFT-S 16QAM	1	1	24.64	24.57	23.97	24.71	24.70	1
60M	DFT-S 64QAM	1	1	24.25	24.23	24.20	24.28	24.28	2.5
60M	DFT-S 256QAM	1	1	22.20	22.29	22.18	22.16	22.15	4.5
60M	CP QPSK	1	1	23.41	23.37	23.92	23.36	23.46	1.5
BW	MCS Index	Channel		648334	652166	656000	659834	663666	3GPP MPR
		Frequency (MHz)		3725.01	3782.49	3840	3897.51	3954.99	
50M	DFT-S PI/2 BPSK	1	1	25.54	25.45	25.72	25.51	25.68	0
50M	DFT-S QPSK	1	1	25.51	25.42	25.74	25.56	25.72	0
		1	67	25.61	25.54	25.74	25.63	25.70	0
		1	131	25.58	25.50	25.71	25.61	25.71	0
		64	0	25.59	25.48	25.69	25.62	25.61	1
		64	35	25.58	25.44	25.68	25.60	25.60	0
		64	69	23.99	23.9	24.07	23.92	24.02	1
		128	0	24.59	24.51	24.04	24.58	24.66	1
50M	DFT-S 16QAM	1	1	24.62	24.54	23.91	24.71	24.66	1
50M	DFT-S 64QAM	1	1	24.26	24.26	24.14	24.17	24.27	2.5
50M	DFT-S 256QAM	1	1	22.29	22.23	22.29	22.13	22.25	4.5
50M	CP QPSK	1	1	23.43	23.31	23.90	23.37	23.46	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	Channel		648000	652000	656000	660000	664000	3GPP MPR
		Frequency (MHz)		3720	3780	3840	3900	3960	
40M	DFT-S PI/2 BPSK	1	1	25.50	25.38	25.74	25.53	25.64	0
40M	DFT-S QPSK	1	1	25.59	25.46	25.80	25.58	25.75	0
		1	53	25.60	25.59	25.78	25.67	25.68	0
		1	104	25.56	25.44	25.66	25.70	25.66	0
		50	0	25.57	25.44	25.69	25.59	25.61	1
		50	28	25.55	25.42	25.66	25.52	25.63	0
		50	56	23.97	23.98	23.98	23.94	23.93	1
		100	0	24.55	24.57	24.08	24.59	24.66	1
40M	DFT-S 16QAM	1	1	24.60	24.58	23.91	24.67	24.67	1
40M	DFT-S 64QAM	1	1	24.12	24.30	24.19	24.18	24.22	2.5
40M	DFT-S 256QAM	1	1	22.28	22.25	22.24	22.21	22.28	4.5
40M	CP QPSK	1	1	23.4	23.36	23.86	23.4	23.49	1.5
BW	MCS Index	Channel		647668	651834	656000	660166	664332	3GPP MPR
		Frequency (MHz)		3715.02	3777.51	3840	3902.49	3964.98	
30M	DFT-S PI/2 BPSK	1	1	25.54	25.45	25.77	25.59	25.71	0
30M	DFT-S QPSK	1	1	25.54	25.47	25.75	25.52	25.72	0
		1	39	25.62	25.63	25.69	25.68	25.72	0
		1	76	25.62	25.48	25.70	25.69	25.71	0
		36	0	25.58	25.51	25.69	25.58	25.62	1
		36	21	25.57	25.50	25.68	25.59	25.60	0
		36	42	24	23.95	23.98	23.94	24.02	1
		75	0	24.50	24.58	24.07	24.60	24.70	1
30M	DFT-S 16QAM	1	1	24.63	24.53	23.97	24.71	24.67	1
30M	DFT-S 64QAM	1	1	24.25	24.24	24.22	24.25	24.24	2.5
30M	DFT-S 256QAM	1	1	22.10	22.13	22.26	22.26	22.26	4.5
30M	CP QPSK	1	1	23.37	23.31	23.89	23.37	23.47	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	Channel		647500	651750	656000	660250	664500	3GPP MPR
		Frequency (MHz)		3712.5	3776.25	3840	3903.75	3967.5	
25M	DFT-S PI/2 BPSK	1	1	25.48	25.38	25.77	25.59	25.70	0
25M	DFT-S QPSK	1	1	25.53	25.42	25.76	25.59	25.67	0
		1	33	25.58	25.57	25.74	25.65	25.68	0
		1	63	25.62	25.52	25.68	25.61	25.62	0
		32	0	25.52	25.49	25.66	25.52	25.54	1
		32	17	25.50	25.48	25.62	25.50	25.55	0
		32	33	23.95	23.92	24.08	23.94	24	1
		64	0	24.58	24.54	24.05	24.57	24.71	1
25M	DFT-S 16QAM	1	1	24.64	24.53	23.98	24.71	24.74	1
25M	DFT-S 64QAM	1	1	24.21	24.24	24.28	24.17	24.27	2.5
25M	DFT-S 256QAM	1	1	22.15	22.15	22.14	22.12	22.30	4.5
25M	CP QPSK	1	1	23.4	23.33	23.88	23.42	23.45	1.5
BW	MCS Index	Channel		647334	651666	656000	660266	664666	3GPP MPR
		Frequency (MHz)		3710.01	3774.99	3840	3903.99	3969.99	
20M	DFT-S PI/2 BPSK	1	1	25.47	25.46	25.71	25.55	25.71	0
20M	DFT-S QPSK	1	1	25.50	25.43	25.78	25.58	25.66	0
		1	26	25.60	25.60	25.76	25.62	25.70	0
		1	49	25.60	25.44	25.72	25.60	25.62	0
		25	0	25.59	25.62	25.69	25.61	25.57	1
		25	13	25.57	25.50	25.68	25.55	25.56	0
		25	26	23.97	23.9	24.05	23.93	23.98	1
		50	0	24.56	24.53	24.11	24.63	24.66	1
20M	DFT-S 16QAM	1	1	24.67	24.56	23.93	24.71	24.65	1
20M	DFT-S 64QAM	1	1	24.25	24.23	24.28	24.21	24.26	2.5
20M	DFT-S 256QAM	1	1	22.18	22.12	22.27	22.27	22.12	4.5
20M	CP QPSK	1	1	23.36	23.29	23.87	23.41	23.5	1.5

NR Conducted Power (Full)

NR Band 77

BW	MCS Index	Channel		647168	651584	656000	660416	664832	3GPP MPR
		Frequency (MHz)		3707.52	3773.76	3840	3906.24	3972.48	
15M	DFT-S PI/2 BPSK	1	1	25.47	25.42	25.73	25.58	25.65	0
15M	DFT-S QPSK	1	1	25.55	25.43	25.75	25.59	25.67	0
		1	19	25.62	25.57	25.79	25.65	25.72	0
		1	36	25.52	25.46	25.71	25.62	25.63	0
		18	0	25.54	25.55	25.66	25.57	25.59	1
		18	10	25.52	25.50	25.59	25.55	25.58	0
		18	20	23.91	23.88	24.01	23.99	23.97	1
		36	0	24.51	24.50	24.14	24.64	24.68	1
15M	DFT-S 16QAM	1	1	24.60	24.55	23.97	24.70	24.73	1
15M	DFT-S 64QAM	1	1	24.18	24.12	24.20	24.23	24.28	2.5
15M	DFT-S 256QAM	1	1	22.30	22.25	22.11	22.30	22.10	4.5
15M	CP QPSK	1	1	23.44	23.35	23.88	23.45	23.53	1.5
BW	MCS Index	Channel		647000	651500	656000	660500	665000	3GPP MPR
		Frequency (MHz)		3705	3772.5	3840	3907.5	3975	
10M	DFT-S PI/2 BPSK	1	1	25.46	25.47	25.71	25.55	25.63	0
10M	DFT-S QPSK	1	1	25.50	25.43	25.76	25.58	25.66	0
		1	11	25.64	25.63	25.77	25.60	25.73	0
		1	22	25.53	25.52	25.66	25.68	25.65	0
		12	0	25.59	25.44	25.68	25.54	25.58	1
		12	6	25.58	25.41	25.62	25.52	25.56	0
		12	12	23.97	23.88	24.03	24	23.93	1
		24	0	24.51	24.51	24.09	24.64	24.62	1
10M	DFT-S 16QAM	1	1	24.65	24.59	23.96	24.67	24.73	1
10M	DFT-S 64QAM	1	1	24.27	24.18	24.30	24.17	24.28	2.5
10M	DFT-S 256QAM	1	1	22.27	22.13	22.19	22.22	22.24	4.5
10M	CP QPSK	1	1	23.38	23.35	23.89	23.38	23.51	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel			650000		
		Frequency (MHz)			3750		
100M	DFT-S PI/2 BPSK	1	1		25.59		0
100M	DFT-S QPSK	1	1		25.62		0
		1	137		25.54		0
		1	271		25.49		0
		135	0		24.88		1
		135	69		25.52		0
		135	138		24.39		1
		270	0		24.23		1
100M	DFT-S 16QAM	1	1		24.32		1
100M	DFT-S 64QAM	1	1		24.18		2.5
100M	DFT-S 256QAM	1	1		22.23		4.5
100M	CP QPSK	1	1		23.84		1.5
BW	MCS Index	Channel		649668	650000	650332	3GPP MPR
		Frequency (MHz)		3745.02	3750	3754.98	
90M	DFT-S PI/2 BPSK	1	1	25.50	25.49	25.42	0
90M	DFT-S QPSK	1	1	25.60	25.57	25.60	0
		1	123	25.44	25.51	25.40	0
		1	243	25.32	25.40	25.38	0
		120	0	24.69	24.88	24.76	1
		120	63	25.28	25.41	25.35	0
		120	125	24.20	24.34	24.36	1
		243	0	24.09	24.13	24.17	1
90M	DFT-S 16QAM	1	1	24.26	24.22	24.24	1
90M	DFT-S 64QAM	1	1	24.19	24.29	24.13	2.5
90M	DFT-S 256QAM	1	1	22.30	22.15	22.29	4.5
90M	CP QPSK	1	1	23.76	23.77	23.74	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	Channel		649334	650000	650666	3GPP MPR
		Frequency (MHz)		3740.01	3750	3759.99	
80M	DFT-S PI/2 BPSK	1	1	25.52	25.59	25.44	0
80M	DFT-S QPSK	1	1	25.55	25.56	25.53	0
		1	109	25.35	25.44	25.42	0
		1	215	25.35	25.49	25.41	0
		108	0	24.76	24.78	24.74	1
		108	55	25.33	25.34	25.33	0
		108	109	24.29	24.29	24.34	1
		216	0	24.15	24.13	24.10	1
80M	DFT-S 16QAM	1	1	24.26	24.23	24.30	1
80M	DFT-S 64QAM	1	1	24.16	24.12	24.19	2.5
80M	DFT-S 256QAM	1	1	22.16	22.19	22.12	4.5
80M	CP QPSK	1	1	23.77	23.75	23.69	1.5
BW	MCS Index	Channel		649000		651000	3GPP MPR
		Frequency (MHz)		3735		3765	
70M	DFT-S PI/2 BPSK	1	1	25.51		25.48	0
70M	DFT-S QPSK	1	1	25.55		25.61	0
		1	95	25.44		25.37	0
		1	187	25.36		25.40	0
		90	0	24.69		24.71	1
		90	50	25.28		25.29	0
		90	99	24.30		24.34	1
		180	0	24.12		24.18	1
70M	DFT-S 16QAM	1	1	24.18		24.27	1
70M	DFT-S 64QAM	1	1	24.25		24.17	2.5
70M	DFT-S 256QAM	1	1	22.26		22.28	4.5
70M	CP QPSK	1	1	23.77		23.74	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	Channel		648668	650000	651332	3GPP MPR
		Frequency (MHz)		3730.02	3750	3769.98	
60M	DFT-S PI/2 BPSK	1	1	25.53	25.53	25.47	0
60M	DFT-S QPSK	1	1	25.53	25.52	25.52	0
		1	81	25.42	25.51	25.40	0
		1	160	25.30	25.40	25.44	0
		81	0	24.79	24.82	24.79	1
		81	41	25.36	25.39	25.33	0
		81	81	24.23	24.39	24.36	1
		162	0	24.16	24.15	24.18	1
60M	DFT-S 16QAM	1	1	24.27	24.22	24.23	1
60M	DFT-S 64QAM	1	1	24.21	24.19	24.27	2.5
60M	DFT-S 256QAM	1	1	22.27	22.26	22.28	4.5
60M	CP QPSK	1	1	23.78	23.78	23.72	1.5
BW	MCS Index	Channel		648334	650000	651666	3GPP MPR
		Frequency (MHz)		3725.01	3750	3774.99	
50M	DFT-S PI/2 BPSK	1	1	25.56	25.56	25.47	0
50M	DFT-S QPSK	1	1	25.60	25.52	25.53	0
		1	67	25.41	25.46	25.39	0
		1	131	25.38	25.43	25.44	0
		64	0	24.76	24.91	24.73	1
		64	35	25.35	25.37	25.29	0
		64	69	24.23	24.35	24.32	1
		128	0	24.15	24.22	24.14	1
50M	DFT-S 16QAM	1	1	24.25	24.29	24.23	1
50M	DFT-S 64QAM	1	1	24.18	24.11	24.15	2.5
50M	DFT-S 256QAM	1	1	22.17	22.30	22.30	4.5
50M	CP QPSK	1	1	23.74	23.74	23.73	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	Channel		648000	650000	652000	3GPP MPR
		Frequency (MHz)		3720	3750	3780	
40M	DFT-S PI/2 BPSK	1	1	25.51	25.59	25.46	0
40M	DFT-S QPSK	1	1	25.53	25.58	25.53	0
		1	53	25.37	25.45	25.38	0
		1	104	25.36	25.48	25.42	0
		50	0	24.76	24.87	24.78	1
		50	28	25.33	25.39	25.34	0
		50	56	24.23	24.29	24.37	1
		100	0	24.07	24.21	24.18	1
40M	DFT-S 16QAM	1	1	24.21	24.26	24.25	1
40M	DFT-S 64QAM	1	1	24.22	24.26	24.23	2.5
40M	DFT-S 256QAM	1	1	22.23	22.25	22.27	4.5
40M	CP QPSK	1	1	23.81	23.82	23.78	1.5
BW	MCS Index	Channel		647668	650000	652332	3GPP MPR
		Frequency (MHz)		3715.02	3750	3784.98	
30M	DFT-S PI/2 BPSK	1	1	25.48	25.49	25.45	0
30M	DFT-S QPSK	1	1	25.60	25.53	25.59	0
		1	39	25.34	25.51	25.43	0
		1	76	25.39	25.39	25.45	0
		36	0	24.76	24.82	24.75	1
		36	21	25.34	25.37	25.31	0
		36	42	24.27	24.3	24.34	1
		75	0	24.08	24.19	24.16	1
30M	DFT-S 16QAM	1	1	24.18	24.24	24.21	1
30M	DFT-S 64QAM	1	1	24.30	24.27	24.28	2.5
30M	DFT-S 256QAM	1	1	22.26	22.26	22.20	4.5
30M	CP QPSK	1	1	23.81	23.8	23.71	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	Channel		647500	650000	652500	3GPP MPR
		Frequency (MHz)		3712.5	3750	3787.5	
25M	DFT-S PI/2 BPSK	1	1	25.53	25.56	25.51	0
25M	DFT-S QPSK	1	1	25.55	25.57	25.60	0
		1	33	25.35	25.52	25.36	0
		1	63	25.32	25.43	25.40	0
		32	0	24.83	24.84	24.8	1
		32	17	25.36	25.31	25.36	0
		32	33	24.3	24.33	24.33	1
		64	0	24.14	24.21	24.2	1
25M	DFT-S 16QAM	1	1	24.19	24.22	24.21	1
25M	DFT-S 64QAM	1	1	24.14	24.24	24.14	2.5
25M	DFT-S 256QAM	1	1	22.12	22.24	22.30	4.5
25M	CP QPSK	1	1	23.73	23.75	23.74	1.5
BW	MCS Index	Channel		647334	650000	652666	3GPP MPR
		Frequency (MHz)		3710.01	3750	3789.99	
20M	DFT-S PI/2 BPSK	1	1	25.54	25.56	25.41	0
20M	DFT-S QPSK	1	1	25.52	25.54	25.60	0
		1	26	25.40	25.45	25.43	0
		1	49	25.32	25.43	25.39	0
		25	0	24.79	24.84	24.77	1
		25	13	25.35	25.35	25.28	0
		25	26	24.21	24.39	24.34	1
		50	0	24.12	24.12	24.14	1
20M	DFT-S 16QAM	1	1	24.25	24.30	24.29	1
20M	DFT-S 64QAM	1	1	24.21	24.27	24.22	2.5
20M	DFT-S 256QAM	1	1	22.17	22.23	22.18	4.5
20M	CP QPSK	1	1	23.82	23.79	23.73	1.5

NR Conducted Power (Full)							
NR Band 78							
BW	MCS Index	Channel		647168	650000	652832	3GPP MPR
		Frequency (MHz)		3707.52	3750	3792.48	
15M	DFT-S PI/2 BPSK	1	1	25.55	25.49	25.51	0
15M	DFT-S QPSK	1	1	25.57	25.57	25.53	0
		1	19	25.38	25.48	25.44	0
		1	36	25.31	25.43	25.39	0
		18	0	24.72	24.84	24.79	1
		18	10	25.30	25.41	25.38	0
		18	20	24.23	24.39	24.35	1
		36	0	24.06	24.17	24.13	1
15M	DFT-S 16QAM	1	1	24.25	24.31	24.22	1
15M	DFT-S 64QAM	1	1	24.13	24.11	24.22	2.5
15M	DFT-S 256QAM	1	1	22.18	22.17	22.22	4.5
15M	CP QPSK	1	1	23.79	23.8	23.76	1.5
BW	MCS Index	Channel		647000	650000	653000	3GPP MPR
		Frequency (MHz)		3705	3750	3795	
10M	DFT-S PI/2 BPSK	1	1	25.51	25.58	25.42	0
10M	DFT-S QPSK	1	1	25.59	25.54	25.55	0
		1	11	25.41	25.52	25.43	0
		1	22	25.36	25.43	25.37	0
		12	0	24.69	24.79	24.76	1
		12	6	25.27	25.31	25.33	0
		12	12	24.3	24.36	24.31	1
		24	0	24.09	24.14	24.1	1
10M	DFT-S 16QAM	1	1	24.19	24.25	24.23	1
10M	DFT-S 64QAM	1	1	24.10	24.21	24.26	2.5
10M	DFT-S 256QAM	1	1	22.25	22.12	22.24	4.5
10M	CP QPSK	1	1	23.77	23.76	23.79	1.5

LTE Conducted Power (Reduction)

LTE Band 41

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		39750	40185	40620	41055	41490	
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	21.23	21.4	21.93	21.71	21.86	0
		1	50	21.67	21.76	21.9	21.78	21.8	0
		1	99	21.51	21.56	21.7	21.58	21.6	0
		50	0	20.67	20.85	20.98	20.88	20.93	1
		50	25	20.54	20.71	20.89	20.76	20.85	1
		50	50	20.6	20.66	20.81	20.69	20.73	1
		100	0	20.65	20.71	20.99	20.77	20.83	1
20M	16QAM	1	0	20.62	20.7	20.97	20.79	20.89	1
		1	50	20.71	20.76	20.96	20.79	20.93	1
		1	99	20.37	20.49	20.78	20.52	20.68	1
		50	0	19.75	19.81	19.92	19.85	19.91	2
		50	25	19.72	19.77	19.86	19.8	19.81	2
		50	50	19.55	19.6	19.75	19.63	19.73	2
		100	0	19.56	19.72	19.91	19.73	19.89	2
20M	64QAM	1	0	19.71	19.85	19.56	19.86	19.51	2
		1	50	19.65	19.7	19.48	19.72	19.39	2
		1	99	19.44	19.52	19.32	19.56	19.26	2
		50	0	18.73	18.78	18.97	18.86	18.96	3
		50	25	18.57	18.75	18.93	18.78	18.91	3
		50	50	18.48	18.62	18.82	18.68	18.73	3
		100	0	18.63	18.7	18.93	18.75	18.86	3
20M	256QAM	1	0	16.48	16.5	16.64	16.59	16.61	5
		1	50	16.41	16.45	16.61	16.49	16.59	5
		1	99	16.35	16.41	16.55	16.5	16.52	5
		50	0	16.3	16.32	16.48	16.32	16.39	5
		50	25	16.25	16.33	16.45	16.37	16.43	5
		50	50	16.23	16.31	16.45	16.31	16.41	5
		100	0	16.21	16.3	16.51	16.38	16.47	5
BW	MCS Index	Channel		39725	40173	40620	41068	41515	3GPP MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	21.22	21.35	21.91	21.63	21.86	0
		1	37	21.67	21.69	21.88	21.76	21.8	0
		1	74	21.5	21.52	21.64	21.55	21.53	0
		36	0	20.64	20.78	20.95	20.85	20.9	1
		36	19	20.52	20.69	20.8	20.7	20.81	1
		36	39	20.54	20.63	20.8	20.6	20.69	1
		75	0	20.56	20.61	20.83	20.68	20.8	1
15M	16QAM	1	0	20.57	20.6	20.9	20.77	20.86	1
		1	37	20.63	20.67	20.87	20.7	20.8	1
		1	74	20.35	20.46	20.76	20.43	20.56	1
		36	0	19.68	19.74	19.86	19.83	19.84	2
		36	19	19.64	19.76	19.84	19.7	19.84	2
		36	39	19.53	19.59	19.65	19.63	19.64	2
		75	0	19.56	19.71	19.88	19.7	19.79	2
15M	64QAM	1	0	19.62	19.83	19.49	19.85	19.79	2
		1	37	19.64	19.6	19.47	19.69	19.7	2
		1	74	19.35	19.42	19.29	19.47	19.55	2
		36	0	18.72	18.68	18.9	18.84	18.87	3
		36	19	18.55	18.75	18.92	18.73	18.78	3
		36	39	18.39	18.62	18.76	18.66	18.72	3
		75	0	18.53	18.63	18.86	18.74	18.78	3
15M	256QAM	1	0	16.43	16.47	16.58	16.54	16.59	5
		1	37	16.31	16.45	16.61	16.45	16.59	5
		1	74	16.35	16.34	16.51	16.42	16.43	5
		36	0	16.21	16.24	16.46	16.28	16.36	5
		36	19	16.23	16.33	16.44	16.27	16.36	5
		36	39	16.17	16.28	16.41	16.26	16.4	5
		75	0	16.19	16.26	16.49	16.37	16.42	5

LTE Conducted Power (Reduction)

LTE Band 41

BW	MCS Index	Channel		39700	40160	40620	41080	41540	3GPP MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	
10M	QPSK	1	0	21.15	21.35	21.84	21.68	21.85	0
		1	24	21.67	21.74	21.88	21.72	21.8	0
		1	49	21.47	21.51	21.62	21.51	21.52	0
		25	0	20.66	20.81	20.91	20.82	20.86	1
		25	12	20.52	20.69	20.85	20.75	20.75	1
		25	25	20.57	20.58	20.72	20.64	20.73	1
		50	0	20.6	20.66	20.86	20.74	20.78	1
10M	16QAM	1	0	20.52	20.61	20.92	20.79	20.76	1
		1	24	20.71	20.74	20.89	20.74	20.73	1
		1	49	20.31	20.42	20.75	20.44	20.59	1
		25	0	19.68	19.75	19.86	19.83	19.92	2
		25	12	19.69	19.74	19.78	19.77	19.79	2
		25	25	19.45	19.57	19.72	19.62	19.68	2
		50	0	19.46	19.72	19.86	19.7	19.79	2
10M	64QAM	1	0	19.71	19.84	19.46	19.84	19.79	2
		1	24	19.65	19.66	19.41	19.69	19.78	2
		1	49	19.44	19.52	19.28	19.54	19.54	2
		25	0	18.68	18.75	18.97	18.85	18.89	3
		25	12	18.5	18.7	18.9	18.69	18.79	3
		25	25	18.39	18.61	18.82	18.62	18.63	3
		50	0	18.57	18.66	18.87	18.69	18.79	3
10M	256QAM	1	0	16.41	16.42	16.59	16.55	16.59	5
		1	24	16.37	16.41	16.54	16.39	16.51	5
		1	49	16.33	16.35	16.52	16.43	16.49	5
		25	0	16.22	16.28	16.42	16.3	16.38	5
		25	12	16.19	16.29	16.44	16.27	16.35	5
		25	25	16.19	16.25	16.37	16.22	16.33	5
		50	0	16.19	16.23	16.42	16.3	16.46	5
BW	MCS Index	Channel		39675	40148	40620	41093	41565	3GPP MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	21.14	21.4	21.92	21.7	21.82	0
		1	12	21.62	21.66	21.85	21.68	21.71	0
		1	24	21.44	21.47	21.68	21.55	21.53	0
		12	0	20.63	20.77	20.95	20.81	20.83	1
		12	6	20.51	20.63	20.79	20.7	20.79	1
		12	13	20.6	20.63	20.71	20.67	20.63	1
		25	0	20.65	20.71	20.9	20.69	20.75	1
5M	16QAM	1	0	20.54	20.65	20.95	20.71	20.82	1
		1	12	20.62	20.75	20.94	20.78	20.71	1
		1	24	20.27	20.48	20.76	20.51	20.53	1
		12	0	19.75	19.81	19.89	19.76	19.86	2
		12	6	19.71	19.68	19.85	19.74	19.8	2
		12	13	19.47	19.5	19.68	19.61	19.68	2
		25	0	19.46	19.67	19.83	19.71	19.83	2
5M	64QAM	1	0	19.7	19.84	19.46	19.76	19.81	2
		1	12	19.62	19.61	19.45	19.68	19.75	2
		1	24	19.36	19.42	19.32	19.53	19.57	2
		12	0	18.64	18.73	18.89	18.86	18.84	3
		12	6	18.5	18.71	18.85	18.69	18.75	3
		12	13	18.47	18.57	18.77	18.59	18.65	3
		25	0	18.55	18.68	18.93	18.69	18.8	3
5M	256QAM	1	0	16.43	16.4	16.55	16.51	16.51	5
		1	12	16.32	16.39	16.55	16.41	16.5	5
		1	24	16.28	16.39	16.54	16.47	16.48	5
		12	0	16.25	16.29	16.44	16.28	16.35	5
		12	6	16.21	16.25	16.39	16.33	16.36	5
		12	13	16.19	16.21	16.4	16.24	16.35	5
		25	0	16.11	16.26	16.44	16.35	16.47	5

LTE Conducted Power (Reduction)

LTE Band 48

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	3GPP MPR (dB)
		Channel		55340	55780	56210	56640	
		Frequency (MHz)		3560	3603	3647	3690	
20M	QPSK	1	0	18.84	18.81	18.93	18.44	0
		1	50	18.68	18.63	18.75	18.57	0
		1	99	18.58	18.49	18.62	18.44	0
		50	0	17.83	17.80	17.87	17.73	1
		50	25	17.70	17.61	17.80	17.59	1
		50	50	17.72	17.71	17.73	17.67	1
		100	0	17.67	17.64	17.97	17.62	1
20M	16QAM	1	0	17.86	17.78	17.91	17.73	1
		1	50	17.79	17.70	17.88	17.69	1
		1	99	17.56	17.50	17.60	17.50	1
		50	0	16.82	16.74	16.86	16.65	2
		50	25	16.80	16.74	16.81	16.68	2
		50	50	16.65	16.65	16.71	16.60	2
		100	0	16.82	16.80	16.82	16.77	2
20M	64QAM	1	0	16.52	16.48	16.56	16.48	2
		1	50	16.44	16.38	16.53	16.30	2
		1	99	16.27	16.21	16.29	16.12	2
		50	0	15.87	15.77	15.92	15.68	3
		50	25	15.82	15.79	15.83	15.76	3
		50	50	15.62	15.60	15.72	15.57	3
		100	0	15.84	15.74	15.91	15.64	3
20M	256QAM	1	0	13.68	13.63	13.71	13.49	5
		1	50	13.63	13.62	13.67	13.62	5
		1	99	13.42	13.41	13.47	13.35	5
		50	0	13.58	13.54	13.65	13.45	5
		50	25	13.60	13.60	13.62	13.60	5
		50	50	13.49	13.41	13.50	13.31	5
		100	0	13.63	13.56	13.63	13.52	5
BW	MCS Index	Channel		55315	55765	56215	56665	3GPP MPR
		Frequency (MHz)		3557.5	3602.5	3647.5	3692.5	
15M	QPSK	1	0	18.81	18.80	18.90	18.43	0
		1	37	18.60	18.54	18.69	18.48	0
		1	74	18.49	18.42	18.56	18.37	0
		36	0	17.82	17.80	17.86	17.71	1
		36	19	17.67	17.59	17.78	17.50	1
		36	39	17.67	17.70	17.67	17.64	1
		75	0	17.62	17.63	17.69	17.58	1
15M	16QAM	1	0	17.85	17.69	17.87	17.68	1
		1	37	17.75	17.64	17.87	17.66	1
		1	74	17.48	17.44	17.50	17.44	1
		36	0	16.76	16.71	16.81	16.58	2
		36	19	16.71	16.64	16.80	16.68	2
		36	39	16.61	16.60	16.61	16.54	2
		75	0	16.80	16.73	16.72	16.71	2
15M	64QAM	1	0	16.47	16.47	16.54	16.41	2
		1	37	16.39	16.38	16.44	16.23	2
		1	74	16.18	16.12	16.23	16.03	2
		36	0	15.77	15.68	15.91	15.67	3
		36	19	15.78	15.75	15.79	15.68	3
		36	39	15.57	15.51	15.71	15.55	3
		75	0	15.76	15.67	15.82	15.63	3
15M	256QAM	1	0	13.67	13.53	13.62	13.47	5
		1	37	13.55	13.59	13.64	13.55	5
		1	74	13.39	13.38	13.38	13.28	5
		36	0	13.50	13.52	13.62	13.42	5
		36	19	13.52	13.57	13.60	13.55	5
		36	39	13.41	13.31	13.40	13.26	5
		75	0	13.54	13.50	13.63	13.52	5

LTE Conducted Power (Reduction)

LTE Band 48

BW	MCS Index	Channel		55290	55750	56220	56690	3GPP MPR
		Frequency (MHz)		3555	3601	3648	3695	
10M	QPSK	1	0	18.74	18.74	18.87	18.35	0
		1	24	18.63	18.56	18.66	18.56	0
		1	49	18.54	18.41	18.56	18.44	0
		25	0	17.81	17.71	17.80	17.67	1
		25	12	17.64	17.57	17.70	17.50	1
		25	25	17.65	17.67	17.65	17.64	1
		50	0	17.62	17.58	17.69	17.54	1
10M	16QAM	1	0	17.79	17.71	17.84	17.66	1
		1	24	17.76	17.62	17.88	17.67	1
		1	49	17.48	17.44	17.53	17.44	1
		25	0	16.75	16.74	16.77	16.63	2
		25	12	16.71	16.73	16.72	16.59	2
		25	25	16.55	16.65	16.61	16.58	2
		50	0	16.81	16.77	16.82	16.74	2
10M	64QAM	1	0	16.42	16.48	16.50	16.43	2
		1	24	16.41	16.28	16.46	16.30	2
		1	49	16.27	16.20	16.29	16.10	2
		25	0	15.80	15.77	15.84	15.68	3
		25	12	15.73	15.78	15.78	15.69	3
		25	25	15.58	15.58	15.62	15.50	3
		50	0	15.77	15.68	15.90	15.56	3
10M	256QAM	1	0	13.61	13.57	13.70	13.45	5
		1	24	13.61	13.53	13.67	13.54	5
		1	49	13.36	13.32	13.37	13.30	5
		25	0	13.54	13.53	13.56	13.37	5
		25	12	13.55	13.59	13.56	13.50	5
		25	25	13.44	13.35	13.48	13.23	5
		50	0	13.54	13.56	13.62	13.48	5
BW	MCS Index	Channel		55265	55745	56235	56715	3GPP MPR
		Frequency (MHz)		3552.5	3600.5	3649.5	3697.5	
5M	QPSK	1	0	18.83	18.73	18.91	18.35	0
		1	12	18.63	18.59	18.73	18.50	0
		1	24	18.57	18.49	18.52	18.34	0
		12	0	17.80	17.78	17.81	17.73	1
		12	6	17.60	17.57	17.70	17.54	1
		12	13	17.70	17.67	17.69	17.60	1
		25	0	17.64	17.60	17.68	17.53	1
5M	16QAM	1	0	17.79	17.68	17.84	17.70	1
		1	12	17.69	17.64	17.87	17.64	1
		1	24	17.49	17.45	17.54	17.43	1
		12	0	16.72	16.74	16.86	16.65	2
		12	6	16.77	16.66	16.75	16.60	2
		12	13	16.55	16.57	16.71	16.50	2
		25	0	16.78	16.74	16.74	16.75	2
5M	64QAM	1	0	16.52	16.38	16.52	16.45	2
		1	12	16.43	16.37	16.43	16.28	2
		1	24	16.23	16.21	16.20	16.11	2
		12	0	15.84	15.69	15.92	15.58	3
		12	6	15.75	15.71	15.75	15.70	3
		12	13	15.53	15.55	15.68	15.53	3
		25	0	15.74	15.64	15.87	15.58	3
5M	256QAM	1	0	13.61	13.54	13.62	13.43	5
		1	12	13.58	13.58	13.59	13.57	5
		1	24	13.34	13.35	13.43	13.29	5
		12	0	13.54	13.47	13.61	13.35	5
		12	6	13.58	13.60	13.58	13.58	5
		12	13	13.46	13.34	13.43	13.29	5
		25	0	13.54	13.47	13.60	13.47	5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		509202	513900	518598	523302	528000	
		Frequency (MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100M	DFT-S PI/2 BPSK	1	1	20.79	20.71	20.84	20.62	20.58	0
100M	DFT-S QPSK	1	1	20.80	20.75	20.89	20.66	20.63	0
		1	137	20.78	20.71	20.81	20.66	20.64	0
		1	271	20.73	20.71	20.77	20.69	20.65	0
		135	0	19.57	19.48	19.55	19.48	19.35	1
		135	69	20.73	20.67	20.75	20.64	20.54	0
		135	138	19.58	19.58	19.68	19.48	19.44	1
		270	0	19.85	19.79	19.88	19.76	19.69	1
100M	DFT-S 16QAM	1	1	19.55	19.50	19.56	19.46	19.42	1
100M	DFT-S 64QAM	1	1	18.26	18.25	18.14	18.16	18.25	2.5
100M	DFT-S 256QAM	1	1	16.18	16.19	16.29	16.11	16.20	4.5
100M	CP QPSK	1	1	18.98	18.94	19.02	18.89	18.87	1.5
BW	MCS Index	Channel		508200	513402	518598	523800	528996	3GPP MPR
		Frequency (MHz)		2541	2567.01	2592.99	2619	2644.98	
90M	DFT-S PI/2 BPSK	1	1	20.70	20.71	20.74	20.62	20.51	0
90M	DFT-S QPSK	1	1	20.79	20.72	20.84	20.58	20.58	0
		1	123	20.76	20.66	20.71	20.64	20.57	0
		1	243	20.63	20.65	20.70	20.62	20.58	0
		120	0	19.49	19.41	19.51	19.36	19.33	1
		120	63	20.65	20.60	20.68	20.54	20.52	0
		120	125	19.55	19.48	19.59	19.48	19.39	1
		243	0	19.79	19.76	19.81	19.75	19.58	1
90M	DFT-S 16QAM	1	1	19.50	19.49	19.46	19.43	19.56	1
90M	DFT-S 64QAM	1	1	18.28	18.21	18.20	18.12	18.29	2.5
90M	DFT-S 256QAM	1	1	16.29	16.19	16.11	16.20	16.21	4.5
90M	CP QPSK	1	1	18.90	18.88	19.00	18.82	19.04	1.5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	Channel		507204	509304	518598	500298	529998	3GPP MPR
		Frequency (MHz)		2536.02	2546.52	2592.99	2621.49	2649.99	
80M	DFT-S PI/2 BPSK	1	1	20.78	20.62	20.76	20.54	20.58	0
80M	DFT-S QPSK	1	1	20.79	20.73	20.82	20.66	20.58	0
		1	109	20.77	20.62	20.71	20.61	20.57	0
		1	215	20.65	20.66	20.68	20.64	20.55	0
		108	0	19.52	19.49	19.50	19.46	19.31	1
		108	55	20.71	20.66	20.67	20.59	20.49	0
		108	109	19.54	19.48	19.65	19.48	19.44	1
		216	0	19.77	19.77	19.86	19.74	19.48	1
80M	DFT-S 16QAM	1	1	19.53	19.45	19.53	19.44	19.56	1
80M	DFT-S 64QAM	1	1	18.12	18.20	18.21	18.13	18.19	2.5
80M	DFT-S 256QAM	1	1	16.21	16.21	16.30	16.13	16.13	4.5
80M	CP QPSK	1	1	18.93	18.89	18.98	18.84	19.12	1.5
BW	MCS Index	Channel		506202	512400	518598	524802	531000	3GPP MPR
		Frequency (MHz)		2531.01	2562	2592.99	2624.01	2655	
70M	DFT-S PI/2 BPSK	1	1	20.73	20.65	20.78	20.58	20.49	0
70M	DFT-S QPSK	1	1	20.76	20.67	20.87	20.58	20.60	0
		1	95	20.74	20.67	20.75	20.63	20.60	0
		1	187	20.73	20.62	20.75	20.69	20.56	0
		90	0	19.51	19.38	19.57	19.41	19.35	1
		90	50	20.70	20.57	20.74	20.58	20.49	0
		90	99	19.54	19.58	19.61	19.48	19.38	1
		180	0	19.77	19.72	19.81	19.71	19.55	1
70M	DFT-S 16QAM	1	1	19.52	19.43	19.48	19.43	19.61	1
70M	DFT-S 64QAM	1	1	18.14	18.19	18.16	18.29	18.12	2.5
70M	DFT-S 256QAM	1	1	16.29	16.13	16.18	16.12	16.20	4.5
70M	CP QPSK	1	1	18.97	18.89	18.95	18.80	19.07	1.5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	Channel		505200	511896	518598	525294	531996	3GPP MPR
		Frequency (MHz)		2526	2559.48	2592.99	2626.48	2659.98	
60M	DFT-S PI/2 BPSK	1	1	20.72	20.64	20.80	20.56	20.54	0
60M	DFT-S QPSK	1	1	20.79	20.65	20.85	20.59	20.53	0
		1	81	20.75	20.65	20.79	20.56	20.55	0
		1	160	20.65	20.67	20.71	20.63	20.65	0
		81	0	19.52	19.46	19.49	19.45	19.29	1
		81	41	20.71	20.63	20.67	20.64	20.48	0
		81	81	19.57	19.48	19.65	19.45	19.44	1
		162	0	19.75	19.79	19.81	19.68	19.53	1
60M	DFT-S 16QAM	1	1	19.51	19.42	19.54	19.41	19.59	1
60M	DFT-S 64QAM	1	1	18.25	18.22	18.11	18.12	18.24	2.5
60M	DFT-S 256QAM	1	1	16.27	16.24	16.21	16.22	16.27	4.5
60M	CP QPSK	1	1	18.88	18.89	19.01	18.81	19.13	1.5
BW	MCS Index	Channel		504204	511404	518598	525798	532998	3GPP MPR
		Frequency (MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50M	DFT-S PI/2 BPSK	1	1	20.77	20.68	20.78	20.57	20.57	0
50M	DFT-S QPSK	1	1	20.75	20.69	20.79	20.63	20.58	0
		1	67	20.74	20.61	20.79	20.56	20.64	0
		1	131	20.70	20.69	20.67	20.61	20.55	0
		64	0	19.49	19.45	19.46	19.44	19.27	1
		64	35	20.68	20.62	20.64	20.62	20.46	0
		64	69	19.52	19.52	19.66	19.48	19.40	1
		128	0	19.85	19.73	19.84	19.69	19.57	1
50M	DFT-S 16QAM	1	1	19.54	19.45	19.50	19.40	19.55	1
50M	DFT-S 64QAM	1	1	18.24	18.30	18.21	18.22	18.14	2.5
50M	DFT-S 256QAM	1	1	16.19	16.22	16.25	16.24	16.11	4.5
50M	CP QPSK	1	1	18.92	18.88	19.02	18.87	19.10	1.5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	Channel		503202	510900	518598	526296	534000	3GPP MPR
		Frequency (MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40M	DFT-S PI/2 BPSK	1	1	20.69	20.69	20.79	20.52	20.56	0
40M	DFT-S QPSK	1	1	20.75	20.67	20.86	20.62	20.54	0
		1	53	20.69	20.71	20.73	20.61	20.57	0
		1	104	20.67	20.68	20.77	20.63	20.65	0
		50	0	19.49	19.46	19.51	19.36	19.29	1
		50	28	20.68	20.62	20.65	20.55	20.47	0
		50	56	19.49	19.58	19.64	19.47	19.37	1
		100	0	19.83	19.72	19.78	19.66	19.48	1
40M	DFT-S 16QAM	1	1	19.55	19.50	19.48	19.36	19.56	1
40M	DFT-S 64QAM	1	1	18.17	18.28	18.14	18.12	18.17	2.5
40M	DFT-S 256QAM	1	1	16.26	16.25	16.13	16.18	16.18	4.5
40M	CP QPSK	1	1	18.96	18.86	19.00	18.89	19.12	1.5
BW	MCS Index	Channel		502200	510396	518598	526794	534996	3GPP MPR
		Frequency (MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30M	DFT-S PI/2 BPSK	1	1	20.73	20.65	20.77	20.59	20.55	0
30M	DFT-S QPSK	1	1	20.78	20.65	20.80	20.65	20.61	0
		1	39	20.72	20.70	20.73	20.61	20.60	0
		1	76	20.64	20.61	20.68	20.64	20.60	0
		36	0	19.57	19.49	19.55	19.45	19.31	1
		36	21	20.73	20.67	20.73	20.64	20.49	0
		36	42	19.54	19.58	19.61	19.43	19.42	1
		75	0	19.81	19.74	19.80	19.68	19.49	1
30M	DFT-S 16QAM	1	1	19.54	19.49	19.54	19.36	19.53	1
30M	DFT-S 64QAM	1	1	18.20	18.26	18.20	18.19	18.19	2.5
30M	DFT-S 256QAM	1	1	16.18	16.25	16.23	16.11	16.25	4.5
30M	CP QPSK	1	1	18.96	18.94	18.96	18.87	19.05	1.5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	Channel		501204	509898	518598	527298	535998	3GPP MPR
		Frequency (MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20M	DFT-S PI/2 BPSK	1	1	20.72	20.70	20.78	20.59	20.51	0
20M	DFT-S QPSK	1	1	20.77	20.74	20.87	20.59	20.54	0
		1	26	20.75	20.68	20.81	20.61	20.61	0
		1	49	20.67	20.71	20.69	20.65	20.60	0
		25	0	19.54	19.41	19.55	19.43	19.31	1
		25	13	20.69	20.60	20.72	20.61	20.50	0
		25	26	19.50	19.52	19.58	19.38	19.38	1
		50	0	19.83	19.78	19.83	19.68	19.48	1
20M	DFT-S 16QAM	1	1	19.45	19.49	19.56	19.45	19.56	1
20M	DFT-S 64QAM	1	1	18.18	18.27	18.13	18.15	18.27	2.5
20M	DFT-S 256QAM	1	1	16.26	16.16	16.24	16.11	16.11	4.5
20M	CP QPSK	1	1	18.92	18.85	18.94	18.82	19.11	1.5
BW	MCS Index	Channel		500700	509646	518598	527544	536496	3GPP MPR
		Frequency (MHz)		2503.5	2548.23	2592.99	2637.72	2682.48	
15M	DFT-S PI/2 BPSK	1	1	20.72	20.63	20.80	20.52	20.55	0
15M	DFT-S QPSK	1	1	20.74	20.72	20.86	20.64	20.53	0
		1	19	20.73	20.67	20.73	20.62	20.58	0
		1	36	20.73	20.62	20.77	20.62	20.60	0
		18	0	19.51	19.45	19.54	19.46	19.29	1
		18	10	20.69	20.64	20.68	20.64	20.47	0
		18	20	19.58	19.49	19.58	19.40	19.37	1
		36	0	19.83	19.78	19.80	19.74	19.52	1
15M	DFT-S 16QAM	1	1	19.49	19.44	19.51	19.39	19.54	1
15M	DFT-S 64QAM	1	1	18.00	18.06	18.02	18.06	18.04	2.5
15M	DFT-S 256QAM	1	1	15.87	15.88	15.81	16.10	16.06	4.5
15M	CP QPSK	1	1	18.96	18.89	18.95	18.82	19.05	1.5

NR Conducted Power (Reduction)

NR Band 41

BW	MCS Index	Channel		500202	509400	518598	527796	537000	3GPP MPR
		Frequency (MHz)		2501.01	2547	2592.99	2638.98	2685	
10M	DFT-S PI/2 BPSK	1	1	20.71	20.64	20.75	20.52	20.57	0
10M	DFT-S QPSK	1	1	20.75	20.68	20.88	20.62	20.63	0
		1	11	20.74	20.70	20.71	20.59	20.56	0
		1	22	20.67	20.62	20.70	20.66	20.60	0
		12	0	19.48	19.41	19.53	19.39	19.26	1
		12	6	20.66	20.59	20.72	20.55	20.44	0
		12	12	19.53	19.48	19.63	19.42	19.39	1
		24	0	19.76	19.69	19.81	19.68	19.54	1
10M	DFT-S 16QAM	1	1	19.52	19.41	19.48	19.36	19.55	1
10M	DFT-S 64QAM	1	1	17.82	18.02	18.10	18.04	17.96	2.5
10M	DFT-S 256QAM	1	1	15.88	16.00	15.96	15.83	15.82	4.5
10M	CP QPSK	1	1	18.91	18.84	19.01	18.81	19.10	1.5

Conducted Power (Full)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.41
	6	2437	15.48
	11	2462	15.43
	12	2467	15.4
	13	2472	15.42
802.11g	1	2412	14.8
	6	2437	15.14
	11	2462	14.8
	12	2467	15.21
	13	2472	11.94
802.11n HT20	1	2412	14.98
	6	2437	14.97
	11	2462	14.9
	12	2467	15.23
	13	2472	12.2
802.11n HT40	3	2422	15.27
	6	2437	15.12
	9	2452	15.22
	10	2457	12.32
	11	2462	11
802.11ax HE20	1	2412	15.06
	6	2437	14.83
	11	2462	14.98
	12	2467	15.01
	13	2472	12.09
802.11ax HE40	3	2422	15.26
	6	2437	15.23
	9	2452	15.02
	10	2457	12.79
	11	2462	10.85

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.41
	6	2437	15.47
	11	2462	15.43
	12	2467	15.4
	13	2472	15.39
802.11g	1	2412	15
	6	2437	14.8
	11	2462	15.05
	12	2467	15.01
	13	2472	11.84
802.11n HT20	1	2412	15.25
	6	2437	15.26
	11	2462	14.87
	12	2467	15.04
	13	2472	11.8
802.11n HT40	3	2422	14.87
	6	2437	15.3
	9	2452	15.14
	10	2457	12.69
	11	2462	10.88
802.11ax HE20	1	2412	15.27
	6	2437	15.09
	11	2462	15.12
	12	2467	15.29
	13	2472	11.98
802.11ax HE40	3	2422	14.82
	6	2437	14.9
	9	2452	15.09
	10	2457	12.65
	11	2462	10.87

Conducted Power (Full)					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11g	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11n HT20	1	2412	15.17	15.17	18.18
	6	2437	15.02	15.29	18.17
	11	2462	14.85	14.91	17.89
	12	2467	11.45	11.35	14.41
	13	2472	8.8	8.48	11.65
802.11n HT40	3	2422	15.41	15.4	18.42
	6	2437	15.4	15.45	18.44
	9	2452	15.38	15.46	18.43
	10	2457	11.9	11.85	14.89
	11	2462	8.88	8.91	11.91
802.11ax HE20	1	2412	15.01	15.08	18.06
	6	2437	15.08	14.82	17.96
	11	2462	15	14.83	17.93
	12	2467	11.3	11.74	14.54
	13	2472	8.54	8.34	11.45
802.11ax HE40	3	2422	15.14	14.82	17.99
	6	2437	15.27	15.3	18.30
	9	2452	14.96	15.15	18.07
	10	2457	11.8	11.3	14.57
	11	2462	8.34	8.58	11.47

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	10.75
	39	2441	10.9
	78	2480	10.84
LE	0	2402	6.5
	19	2440	6.31
	39	2480	6.48

Conducted Power (Full)			
WLAN 5.2GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	11.93
	40	5200	12.11
	44	5220	11.83
	48	5240	12.29
802.11n HT20	36	5180	12.25
	40	5200	12
	44	5220	12.12
	48	5240	12.18
802.11n HT40	38	5190	11.95
	46	5230	11.86
802.11ac VHT80	42	5210	12.01
802.11ax HE20	36	5180	11.89
	40	5200	12
	44	5220	12.13
	48	5240	11.85
802.11ax HE40	38	5190	12.12
	46	5230	11.82
802.11ax HE80	42	5210	11.82

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	11.99
	40	5200	12.17
	44	5220	11.86
	48	5240	11.99
802.11n HT20	36	5180	12.08
	40	5200	11.88
	44	5220	11.82
	48	5240	12.22
802.11n HT40	38	5190	11.81
	46	5230	12.21
802.11ac VHT80	42	5210	12.22
802.11ax HE20	36	5180	12.07
	40	5200	12
	44	5220	12.09
	48	5240	11.89
802.11ax HE40	38	5190	11.96
	46	5230	11.98
802.11ax HE80	42	5210	11.98

Conducted Power (Full)					
WLAN 5.2GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	36	5180			
	40	5200			
	44	5220			
	48	5240			
802.11n HT20	36	5180	11.37	11.54	14.47
	40	5200	11.39	11.51	14.46
	44	5220	11.34	11.63	14.5
	48	5240	11.73	11.65	14.7
802.11n HT40	38	5190	11.39	11.7	14.56
	46	5230	11.43	11.8	14.63
802.11ac VHT80	42	5210	11.69	11.78	14.75
802.11ax HE20	36	5180	11.46	11.41	14.45
	40	5200	11.66	11.53	14.61
	44	5220	11.42	11.34	14.39
	48	5240	11.52	11.55	14.55
802.11ax HE40	38	5190	11.34	11.39	14.38
	46	5230	11.59	11.76	14.69
802.11ax HE80	42	5210	11.34	11.3	14.33

Conducted Power (Full)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	12
	56	5280	11.93
	60	5300	11.94
	64	5320	12.18
802.11n HT20	52	5260	12.1
	56	5280	12
	60	5300	11.85
	64	5320	11.84
802.11n HT40	54	5270	12.09
	62	5310	12.14
802.11ac VHT80	58	5290	11.93
802.11ac VHT160	50	5250	12.47
802.11ax HE20	52	5260	11.93
	56	5280	11.81
	60	5300	12.17
	64	5320	11.89
802.11ax HE40	54	5270	12.21
	62	5310	12.04
802.11ax HE80	58	5290	12.17
802.11ax HE160	50	5250	12.03

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	11.96
	56	5280	11.98
	60	5300	12.1
	64	5320	12.18
802.11n HT20	52	5260	11.99
	56	5280	11.84
	60	5300	12.1
	64	5320	11.98
802.11n HT40	54	5270	12.21
	62	5310	12.14
802.11ac VHT80	58	5290	12.05
802.11ac VHT160	50	5250	12.48
802.11ax HE20	52	5260	11.98
	56	5280	12.09
	60	5300	11.89
	64	5320	12.22
802.11ax HE40	54	5270	11.97
	62	5310	11.87
802.11ax HE80	58	5290	12
802.11ax HE160	50	5250	11.8

Conducted Power (Full)					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260			
	56	5280			
	60	5300			
	64	5320			
802.11n HT20	52	5260	12.06	12.02	15.05
	56	5280	12.19	12.02	15.12
	60	5300	12.18	11.86	15.03
	64	5320	11.98	11.81	14.91
802.11n HT40	54	5270	12.15	12.04	15.11
	62	5310	11.88	12.27	15.09
802.11ac VHT80	58	5290	11.94	11.96	14.96
802.11ac VHT160	50	5250	12.45	12.44	15.46
802.11ax HE20	52	5260	11.97	11.88	14.94
	56	5280	12.21	12.27	15.25
	60	5300	12	12.07	15.05
	64	5320	12.21	12.3	15.27
802.11ax HE40	54	5270	12.03	11.91	14.98
	62	5310	12.17	11.94	15.07
802.11ax HE80	58	5290	12.05	11.91	14.99
802.11ax HE160	50	5250	11.87	12.29	15.1

Conducted Power (Full)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	12.02
	116	5580	11.89
	120	5600	12.23
	124	5620	12.09
	132	5660	12.02
	140	5700	11.81
	144	5720	12.09
802.11n HT20	100	5500	11.89
	116	5580	12.29
	120	5600	12.2
	124	5620	12.07
	132	5660	12.24
	140	5700	12.23
	144	5720	11.83
802.11n HT40	102	5510	12.28
	110	5550	12.3
	118	5590	11.83
	126	5630	12.29
	134	5670	12.2
	142	5710	11.91
802.11ac VHT80	106	5530	12.45
	138	5690	12.41
802.11ac VHT160	114	5570	12.46
802.11ax HE20	100	5500	12.29
	116	5580	12.04
	120	5600	12.1
	124	5620	12.04
	132	5660	11.98
	140	5700	12.14
	144	5720	12.24
802.11ax HE40	102	5510	12.01
	110	5550	12.19
	118	5590	11.91
	126	5630	12.24
	134	5670	11.95
	142	5710	11.92
802.11ax HE80	106	5530	11.93
	122	5610	12.28
	138	5690	11.99
802.11ax HE160	114	5570	12.18

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	12.29
	116	5580	12.05
	120	5600	11.83
	124	5620	12.23
	132	5660	11.83
	140	5700	11.86
	144	5720	12.09
802.11n HT20	100	5500	12.18
	116	5580	12.18
	120	5600	12.2
	124	5620	12.17
	132	5660	12.18
	140	5700	12.05
	144	5720	12.13
802.11n HT40	102	5510	11.92
	110	5550	11.83
	118	5590	12.15
	126	5630	12.25
	134	5670	12.27
	142	5710	12.08
802.11ac VHT80	106	5530	12.47
	138	5690	12.4
802.11ac VHT160	114	5570	12.45
802.11ax HE20	100	5500	12.15
	116	5580	11.82
	120	5600	12.05
	124	5620	12.29
	132	5660	12.29
	140	5700	12.23
	144	5720	12.06
802.11ax HE40	102	5510	11.83
	110	5550	12.16
	118	5590	12.04
	126	5630	12.21
	134	5670	11.87
	142	5710	12.04
802.11ax HE80	106	5530	11.91
	122	5610	11.8
	138	5690	12.07
802.11ax HE160	114	5570	12.14

Conducted Power (Full)					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500			
	116	5580			
	120	5600			
	124	5620			
	132	5660			
	140	5700			
	144	5720			
802.11n HT20	100	5500	11.89	12.1	15.01
	116	5580	12.2	12.21	15.22
	120	5600	11.94	12.08	15.02
	124	5620	12.12	11.82	14.98
	132	5660	12.13	12.08	15.12
	140	5700	12.13	11.97	15.06
	144	5720	12.21	12.14	15.19
802.11n HT40	102	5510	11.86	12.24	15.06
	110	5550	11.82	12.13	14.99
	118	5590	12.28	11.93	15.12
	126	5630	11.82	12.29	15.07
	134	5670	12.24	12.08	15.17
	142	5710	11.96	11.88	14.93
802.11ac VHT80	106	5530	12.47	12.42	15.46
	138	5690	12.4	12.43	15.43
802.11ac VHT160	114	5570	12.4	12.48	15.45
802.11ax HE20	100	5500	12	12.25	15.14
	116	5580	12.12	12.18	15.16
	120	5600	12.12	12.29	15.22
	124	5620	12.11	12.26	15.2
	132	5660	12.17	12.04	15.12
	140	5700	11.8	11.95	14.89
	144	5720	11.98	12.12	15.06
802.11ax HE40	102	5510	12.23	12.12	15.19
	110	5550	12.3	12.29	15.31
	118	5590	11.97	12.22	15.11
	126	5630	11.87	11.83	14.86
	134	5670	12.19	12.09	15.15
	142	5710	12.12	11.88	15.01
802.11ax HE80	106	5530	11.86	12.03	14.96
	122	5610	11.95	12.18	15.08
	138	5690	11.83	12.13	14.99
802.11ax HE160	114	5570	12.23	11.94	15.1

Conducted Power (Full)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	12.14
	153	5765	12.17
	157	5785	12.08
	161	5805	11.94
	165	5825	12.08
802.11n HT20	149	5745	12.01
	153	5765	11.86
	157	5785	11.92
	161	5805	12.18
	165	5825	12
802.11n HT40	151	5755	12.24
	159	5795	11.8
802.11ac VHT80	155	5775	12.41
802.11ax HE20	149	5745	12.2
	153	5765	12.08
	157	5785	12.16
	161	5805	12.01
	165	5825	12.28
802.11ax HE40	151	5755	12.09
	159	5795	12.24
802.11ax HE80	155	5775	11.87

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	12.18
	153	5765	11.82
	157	5785	12.21
	161	5805	12.3
	165	5825	11.81
802.11n HT20	149	5745	11.86
	153	5765	12.14
	157	5785	12.02
	161	5805	11.8
	165	5825	12.23
802.11n HT40	151	5755	12.11
	159	5795	11.98
802.11ac VHT80	155	5775	12.45
802.11ax HE20	149	5745	12.2
	153	5765	11.95
	157	5785	12.09
	161	5805	12.14
	165	5825	12.17
802.11ax HE40	151	5755	11.92
	159	5795	12.22
802.11ax HE80	155	5775	12.23

Conducted Power (Full)					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745			
	153	5765			
	157	5785			
	161	5805			
	165	5825			
802.11n HT20	149	5745	12.2	11.93	15.08
	153	5765	11.81	12.06	14.95
	157	5785	12.12	11.83	14.99
	161	5805	12.23	12.19	15.22
	165	5825	12.11	11.84	14.99
802.11n HT40	151	5755	12.02	12.17	15.11
	159	5795	11.8	11.86	14.84
802.11ac VHT80	155	5775	12.4	12.44	15.43
802.11ax HE20	149	5745	12	12.14	15.08
	153	5765	12.14	12.11	15.14
	157	5785	11.96	12.22	15.1
	161	5805	11.95	12.02	15
	165	5825	12	11.82	14.92
802.11ax HE40	151	5755	12.21	12.27	15.25
	159	5795	11.9	11.94	14.93
802.11ax HE80	155	5775	11.89	12.17	15.04

Conducted Power (Full)			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	1	5955	4.42
	5	5975	4.38
	9	5995	4.34
	13	6015	4.66
	17	6035	4.52
	21	6055	4.46
	25	6075	4.76
	29	6095	4.72
	33	6115	4.69
	37	6135	4.43
	41	6155	4.39
	45	6175	4.59
	49	6195	4.6
	53	6215	4.58
	57	6235	4.62
	61	6255	4.65
	65	6275	4.57
	69	6295	4.38
	73	6315	4.46
	77	6335	4.52
	81	6355	4.76
	85	6375	4.74
	89	6395	4.3
	93	6415	4.32
802.11ax HE40	3	5965	7.47
	11	6005	7.49
	19	6045	7.78
	27	6085	7.32
	35	6125	7.36
	43	6165	7.59
	51	6205	7.65
	59	6245	7.6
	67	6285	7.55
	75	6325	7.64
	83	6365	7.64
	91	6405	7.51
802.11ax HE80	7	5985	9.58
	23	6065	9.43
	39	6145	9.34
	55	6225	9.76
	71	6305	9.58
	87	6385	9.49
802.11ax HE160	15	6025	9.98
	47	6185	9.94
	79	6345	9.89

Conducted Power (Full)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	1	5955	4.75
	5	5975	4.31
	9	5995	4.58
	13	6015	4.78
	17	6035	4.79
	21	6055	4.36
	25	6075	4.72
	29	6095	4.69
	33	6115	4.47
	37	6135	4.39
	41	6155	4.51
	45	6175	4.32
	49	6195	4.54
	53	6215	4.62
	57	6235	4.69
	61	6255	4.77
	65	6275	4.6
	69	6295	4.36
	73	6315	4.42
	77	6335	4.47
	81	6355	4.69
	85	6375	4.57
	89	6395	4.66
	93	6415	4.49
802.11ax HE40	3	5965	7.79
	11	6005	7.7
	19	6045	7.71
	27	6085	7.66
	35	6125	7.69
	43	6165	7.43
	51	6205	7.36
	59	6245	7.47
	67	6285	7.72
	75	6325	7.57
	83	6365	7.34
	91	6405	7.73
802.11ax HE80	7	5985	9.79
	23	6065	9.76
	39	6145	9.71
	55	6225	9.34
	71	6305	9.69
	87	6385	9.37
802.11ax HE160	15	6025	9.95
	47	6185	9.91
	79	6345	9.92

Conducted Power (Full)					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	1	5955	1.45	1.44	4.46
	5	5975	1.37	1.38	4.39
	9	5995	1.51	1.49	4.51
	13	6015	1.7	1.61	4.67
	17	6035	1.37	1.8	4.6
	21	6055	1.41	1.78	4.61
	25	6075	1.71	1.66	4.7
	29	6095	1.52	1.66	4.6
	33	6115	1.3	1.44	4.38
	37	6135	1.69	1.61	4.66
	41	6155	1.8	1.34	4.59
	45	6175	1.43	1.3	4.38
	49	6195	1.56	1.7	4.64
	53	6215	1.48	1.71	4.61
	57	6235	1.71	1.73	4.73
	61	6255	1.69	1.72	4.72
	65	6275	1.55	1.54	4.56
	69	6295	1.75	1.7	4.74
	73	6315	1.39	1.56	4.49
	77	6335	1.42	1.79	4.62
	81	6355	1.39	1.68	4.55
	85	6375	1.78	1.59	4.7
	89	6395	1.55	1.71	4.64
	93	6415	1.46	1.52	4.5
802.11ax HE40	3	5965	4.68	4.33	7.52
	11	6005	4.75	4.35	7.56
	19	6045	4.77	4.76	7.78
	27	6085	4.42	4.41	7.43
	35	6125	4.48	4.35	7.43
	43	6165	4.34	4.5	7.43
	51	6205	4.62	4.72	7.68
	59	6245	4.74	4.31	7.54
	67	6285	4.46	4.73	7.61
	75	6325	4.55	4.58	7.58
	83	6365	4.63	4.59	7.62
	91	6405	4.69	4.34	7.53
802.11ax HE80	7	5985	6.66	6.72	9.7
	23	6065	6.45	6.77	9.62
	39	6145	6.38	6.38	9.39
	55	6225	6.58	6.33	9.47
	71	6305	6.51	6.33	9.43
	87	6385	6.33	6.31	9.33
802.11ax HE160	15	6025	9.88	9.95	12.93
	47	6185	9.78	9.89	12.85
	79	6345	9.91	9.8	12.87

Conducted Power (Full)			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	97	6435	4.71
	101	6455	4.48
	105	6475	4.38
	109	6495	4.8
	113	6515	4.53
	117	6535	4.63
802.11ax HE40	99	6445	7.47
	107	6485	7.31
	115	6525	7.71
802.11ax HE80	103	6465	9.72
	119	6545	9.52
802.11ax HE160	111	6505	9.81

Conducted Power (Full)			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	97	6435	4.58
	101	6455	4.39
	105	6475	4.32
	109	6495	4.36
	113	6515	4.56
	117	6535	4.71
802.11ax HE40	99	6445	7.4
	107	6485	7.58
	115	6525	7.47
802.11ax HE80	103	6465	9.78
	119	6545	9.65
802.11ax HE160	111	6505	9.88

Conducted Power (Full)					
UNII-6 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	97	6435	1.52	1.49	4.52
	101	6455	1.56	1.58	4.58
	105	6475	1.6	1.61	4.62
	109	6495	1.35	1.36	4.37
	113	6515	1.39	1.35	4.38
	117	6535	1.62	1.47	4.56
802.11ax HE40	99	6445	4.65	4.8	7.74
	107	6485	4.4	4.73	7.58
	115	6525	4.55	4.71	7.64
802.11ax HE80	103	6465	6.57	6.74	9.67
	119	6545	6.74	6.76	9.76
802.11ax HE160	111	6505	9.84	9.87	12.87

Conducted Power (Full)			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	121	6555	4.61
	125	6575	4.77
	129	6595	4.55
	133	6615	4.58
	137	6635	4.46
	141	6655	4.7
	145	6675	4.34
	149	6695	4.34
	153	6715	4.34
	157	6735	4.31
	161	6755	4.63
	165	6775	4.52
	169	6795	4.61
	173	6815	4.54
	177	6835	4.32
	181	6855	4.37
	185	6875	4.63
802.11ax HE40	123	6565	7.77
	131	6605	7.69
	139	6645	7.73
	147	6685	7.39
	155	6725	7.58
	163	6765	7.67
	171	6805	7.8
	179	6845	7.4
802.11ax HE80	187	6885	7.34
	135	6625	9.33
	151	6705	9.71
	167	6785	9.4
802.11ax HE160	183	6865	9.37
	143	6665	9.9
	175	6825	9.85

Conducted Power (Full)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	121	6555	4.75
	125	6575	4.36
	129	6595	4.45
	133	6615	4.52
	137	6635	4.38
	141	6655	4.35
	145	6675	4.8
	149	6695	4.68
	153	6715	4.7
	157	6735	4.38
	161	6755	4.4
	165	6775	4.6
	169	6795	4.75
	173	6815	4.53
	177	6835	4.77
	181	6855	4.78
	185	6875	4.74
802.11ax HE40	123	6565	7.68
	131	6605	7.6
	139	6645	7.37
	147	6685	7.47
	155	6725	7.6
	163	6765	7.77
	171	6805	7.46
	179	6845	7.76
802.11ax HE80	187	6885	7.33
	135	6625	9.44
	151	6705	9.72
	167	6785	9.66
802.11ax HE160	183	6865	9.51
	143	6665	9.85
	175	6825	9.81

Conducted Power (Full)					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	121	6555	1.56	1.46	4.52
	125	6575	1.36	1.75	4.57
	129	6595	1.45	1.34	4.41
	133	6615	1.44	1.69	4.58
	137	6635	1.63	1.76	4.71
	141	6655	1.49	1.44	4.48
	145	6675	1.76	1.63	4.71
	149	6695	1.79	1.75	4.78
	153	6715	1.4	1.42	4.42
	157	6735	1.57	1.64	4.62
	161	6755	1.51	1.38	4.46
	165	6775	1.8	1.6	4.71
	169	6795	1.55	1.57	4.57
	173	6815	1.78	1.41	4.61
	177	6835	1.62	1.53	4.59
	181	6855	1.53	1.56	4.56
	185	6875	1.71	1.36	4.55
802.11ax HE40	123	6565	4.66	4.37	7.53
	131	6605	4.7	4.48	7.6
	139	6645	4.45	4.72	7.6
	147	6685	4.48	4.59	7.55
	155	6725	4.34	4.44	7.4
	163	6765	4.7	4.53	7.63
	171	6805	4.4	4.43	7.43
	179	6845	4.41	4.38	7.41
802.11ax HE80	187	6885	4.54	4.61	7.59
	135	6625	6.38	6.73	9.57
	151	6705	6.4	6.33	9.38
	167	6785	6.61	6.3	9.47
802.11ax HE160	183	6865	6.45	6.7	9.59
	143	6665	9.8	9.88	12.85
	175	6825	9.92	9.81	12.88

Conducted Power (Full)			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE20	189	6895	4.78
	193	6915	4.49
	197	6935	4.4
	201	6955	4.66
	205	6975	4.5
	209	6995	4.53
	213	7015	4.57
	217	7035	4.64
	221	7055	4.49
	225	7075	4.62
	229	7095	4.46
	233	7115	4.38
802.11ax HE40	195	6925	7.74
	203	6965	7.45
	211	7005	7.41
	219	7045	7.51
	227	7085	7.33
802.11ax HE80	199	6945	9.69
	215	7025	9.72
802.11ax HE160	207	6985	9.87

Conducted Power (Full)			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	189	6895	4.45
	193	6915	4.46
	197	6935	4.76
	201	6955	4.58
	205	6975	4.69
	209	6995	4.35
	213	7015	4.38
	217	7035	4.69
	221	7055	4.77
	225	7075	4.32
	229	7095	4.59
	233	7115	4.44
802.11ax HE40	195	6925	7.55
	203	6965	7.5
	211	7005	7.65
	219	7045	7.44
	227	7085	7.43
802.11ax HE80	199	6945	9.56
	215	7025	9.61
802.11ax HE160	207	6985	9.92

Conducted Power (Full)					
UNII-8 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE20	189	6895	1.8	1.71	4.77
	193	6915	1.37	1.55	4.47
	197	6935	1.52	1.37	4.46
	201	6955	1.31	1.47	4.4
	205	6975	1.7	1.38	4.55
	209	6995	1.75	1.66	4.72
	213	7015	1.57	1.74	4.67
	217	7035	1.62	1.45	4.55
	221	7055	1.74	1.75	4.76
	225	7075	1.5	1.61	4.57
	229	7095	1.42	1.31	4.38
	233	7115	1.44	1.56	4.51
802.11ax HE40	195	6925	4.42	4.55	7.5
	203	6965	4.55	4.59	7.58
	211	7005	4.6	4.65	7.64
	219	7045	4.37	4.54	7.47
	227	7085	4.67	4.73	7.71
802.11ax HE80	199	6945	6.56	6.39	9.49
	215	7025	9.87	9.8	12.85
802.11ax HE160	207	6985	9.85	9.81	12.84

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing was performed on the maximum power mode.
2. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.
3. The separation distance between WWAN Ant 0 and bottom of laptop is more than 20 cm, SAR are not required.
4. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Antenna Manufacturer	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 41	QPSK20M	Bottom	17	40620	1	0	Speed	Ant 1	w/o	-	1.00	24.00	23.87	1.03	0.04	0.054	0.06
	LTE 41	QPSK20M	Bottom	17	40620	50	0	Speed	Ant 1	w/o	-	1.00	23.00	22.91	1.02	-0.04	0.046	0.05
	LTE 41	QPSK20M	Bottom	0	40620	1	0	Speed	Ant 1	w/	-	1.00	22.00	21.93	1.02	-0.16	0.457	0.47
	LTE 41	QPSK20M	Bottom	0	40620	50	0	Speed	Ant 1	w/	-	1.00	21.00	20.98	1.00	-0.12	0.374	0.37
	LTE 41	QPSK20M	Bottom	0	39750	1	50	Speed	Ant 1	w/	-	1.00	22.00	21.67	1.08	-0.14	0.392	0.42
	LTE 41	QPSK20M	Bottom	0	40185	1	50	Speed	Ant 1	w/	-	1.00	22.00	21.76	1.06	0.16	0.424	0.45
	LTE 41	QPSK20M	Bottom	0	41055	1	50	Speed	Ant 1	w/	-	1.00	22.00	21.78	1.05	-0.11	0.518	0.54
12	LTE 41	QPSK20M	Bottom	0	41490	1	0	Speed	Ant 1	w/	-	1.00	22.00	21.86	1.03	-0.1	0.567	0.58
	LTE 41	QPSK20M	Bottom	0	41490	1	0	WNC	Ant 1	w/	-	1.00	22.00	21.86	1.03	0.01	0.556	0.57
	LTE 41 - HPUE	QPSK20M	Bottom	17	40620	1	0	Speed	Ant 1	w/o	-	1.00	27.00	26.84	1.04	0.12	0.058	0.06
	LTE 48	QPSK20M	Bottom	17	56210	1	0	Speed	Ant 1	w/o	-	1.00	22.00	21.74	1.06	0.19	0.153	0.16
	LTE 48	QPSK20M	Bottom	17	56210	50	0	Speed	Ant 1	w/o	-	1.00	21.00	20.78	1.05	-0.13	0.125	0.13
	LTE 48	QPSK20M	Bottom	0	56210	1	0	Speed	Ant 1	w/	-	1.00	19.50	18.93	1.14	0.19	0.411	0.47
	LTE 48	QPSK20M	Bottom	0	56210	50	0	Speed	Ant 1	w/	-	1.00	18.50	17.87	1.16	0.16	0.255	0.30
13	LTE 48	QPSK20M	Bottom	0	55340	1	0	Speed	Ant 1	w/	-	1.00	19.50	18.84	1.16	-0.09	0.533	0.62
	LTE 48	QPSK20M	Bottom	0	55780	1	0	Speed	Ant 1	w/	-	1.00	19.50	18.81	1.17	-0.1	0.415	0.49
	LTE 48	QPSK20M	Bottom	0	56640	1	50	Speed	Ant 1	w/	-	1.00	19.50	18.57	1.24	0.08	0.356	0.44
	LTE 48	QPSK20M	Bottom	0	55340	1	0	WNC	Ant 1	w/	-	1.00	19.50	18.84	1.16	-0.17	0.494	0.57

Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Antenna Manufacturer	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	5GNR-n41	DFT-s QPSK100M	Bottom	17	518598	1	1	Speed	Ant 1	w/o	-	1.00	24.00	23.75	1.06	0.02	0.075	0.08
	5GNR-n41	DFT-s QPSK100M	Bottom	17	518598	135	69	Speed	Ant 1	w/o	-	1.00	24.00	23.54	1.11	-0.03	0.065	0.07
22	5GNR-n41	DFT-s QPSK100M	Bottom	0	518598	1	1	Speed	Ant 1	w/	-	1.00	21.00	20.89	1.03	0.03	0.323	0.33
	5GNR-n41	DFT-s QPSK100M	Bottom	0	518598	135	69	Speed	Ant 1	w/	-	1.00	21.00	20.75	1.06	-0.05	0.231	0.24
	5GNR-n41	DFT-s QPSK100M	Bottom	0	509202	1	1	Speed	Ant 1	w/	-	1.00	21.00	20.80	1.05	-0.04	0.271	0.28
	5GNR-n41	DFT-s QPSK100M	Bottom	0	513900	1	1	Speed	Ant 1	w/	-	1.00	21.00	20.75	1.06	0.1	0.263	0.28
	5GNR-n41	DFT-s QPSK100M	Bottom	0	523302	1	271	Speed	Ant 1	w/	-	1.00	21.00	20.69	1.07	0.11	0.294	0.31
	5GNR-n41	DFT-s QPSK100M	Bottom	0	528000	1	271	Speed	Ant 1	w/	-	1.00	21.00	20.65	1.08	-0.19	0.298	0.32
	5GNR-n41-HPUE	DFT-s QPSK100M	Bottom	17	518598	1	1	Speed	Ant 1	w/o	-	1.00	27.00	25.87	1.30	0.15	0.091	0.12
	5GNR-n41	DFT-s QPSK100M	Bottom	0	518598	1	1	WNC	Ant 1	w/	-	1.00	21.00	20.89	1.03	-0.16	0.295	0.30
	5GNR-n77	DFT-s QPSK100M	Bottom	0	656000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	26.48	1.13	0.01	0.451	0.51
	5GNR-n77	DFT-s QPSK100M	Bottom	0	656000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	26.35	1.16	-0.08	0.398	0.46
	5GNR-n77	DFT-s QPSK100M	Bottom	0	650000	1	137	Speed	Ant 1	w/o	-	1.00	27.00	26.32	1.17	-0.08	0.403	0.47
25	5GNR-n77	DFT-s QPSK100M	Bottom	0	653000	1	137	Speed	Ant 1	w/o	-	1.00	27.00	26.30	1.17	-0.02	0.506	0.59
	5GNR-n77	DFT-s QPSK100M	Bottom	0	659000	1	137	Speed	Ant 1	w/o	-	1.00	27.00	26.36	1.16	0.18	0.472	0.55
	5GNR-n77	DFT-s QPSK100M	Bottom	0	662000	1	137	Speed	Ant 1	w/o	-	1.00	27.00	26.42	1.14	-0.19	0.412	0.47
	5GNR-n77	DFT-s QPSK100M	Bottom	0	653000	1	137	WNC	Ant 1	w/o	-	1.00	27.00	26.30	1.17	-0.06	0.437	0.51
26	5GNR-n78	DFT-s QPSK100M	Bottom	0	650000	1	1	Speed	Ant 1	w/o	-	1.00	27.00	25.62	1.37	0.01	0.33	0.45
	5GNR-n78	DFT-s QPSK100M	Bottom	0	650000	135	69	Speed	Ant 1	w/o	-	1.00	27.00	25.52	1.41	0.06	0.308	0.43
	5GNR-n78	DFT-s QPSK100M	Bottom	0	650000	1	1	WNC	Ant 1	w/o	-	1.00	27.00	25.62	1.37	0.01	0.314	0.43

Body SAR Test Result

System & Position								DUT Configuration			SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Antenna Manufacturer	Ant Status	Power Reduction	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
27	WLAN2.4G	802.11b	Bottom	0	6			Speed	Ant 0	w/o	99.40	1.01	15.50	15.48	1.00	-0.01	0.736	0.74
	WLAN2.4G	802.11b	Bottom	0	6			Speed	Ant 1	w/o	99.50	1.01	15.50	15.47	1.01	0.1	0.623	0.64
	WLAN2.4G	802.11n HT40	Bottom	0	6			Speed	Ant 0+1	w/o	98.87	1.01	18.50	18.44	1.01	0.17	0.66	0.67
	WLAN2.4G	802.11b	Bottom	0	1			Speed	Ant 0	w/o	99.40	1.01	15.50	15.41	1.02	0	0.713	0.73
	WLAN2.4G	802.11b	Bottom	0	11			Speed	Ant 0	w/o	99.40	1.01	15.50	15.43	1.02	0.12	0.706	0.73
	WLAN2.4G	802.11b	Bottom	0	12			Speed	Ant 0	w/o	99.40	1.01	15.50	15.40	1.02	-0.14	0.711	0.73
	WLAN2.4G	802.11b	Bottom	0	13			Speed	Ant 0	w/o	99.40	1.01	15.50	15.42	1.02	0.01	0.711	0.73
	WLAN2.4G	802.11b	Bottom	0	6			WNC	Ant 0	w/o	99.40	1.01	15.50	15.48	1.00	0.01	0.615	0.62
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			Speed	Ant 0	w/o	98.20	1.02	12.50	12.47	1.01	0.06	0.606	0.62
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			Speed	Ant 1	w/o	98.70	1.01	12.50	12.48	1.00	-0.18	0.53	0.54
28	WLAN5.3G	802.11ac VHT160	Bottom	0	50			Speed	Ant 0+1	w/o	98.56	1.01	15.50	15.46	1.01	-0.02	0.767	0.78
	WLAN5.3G	802.11ac VHT160	Bottom	0	50			WNC	Ant 0+1	w/o	98.56	1.01	15.50	15.46	1.01	0.17	0.759	0.77
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			Speed	Ant 0	w/o	98.20	1.02	12.50	12.46	1.01	0.06	0.602	0.62
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			Speed	Ant 1	w/o	98.70	1.01	12.50	12.45	1.01	0.11	0.464	0.47
29	WLAN5.6G	802.11ac VHT160	Bottom	0	114			Speed	Ant 0+1	w/o	98.56	1.01	15.50	15.45	1.01	-0.03	0.827	0.84
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			WNC	Ant 0+1	w/o	98.56	1.01	15.50	15.45	1.01	0.08	0.779	0.79
	WLAN5.6G	802.11ac VHT160	Bottom	0	114			Speed	Ant 0+1	w/o	98.56	1.01	15.50	15.45	1.01	-0.03	0.816	0.83
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			Speed	Ant 0	w/o	98.20	1.02	12.50	12.41	1.02	-0.04	0.779	0.81
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			Speed	Ant 1	w/o	97.60	1.02	12.50	12.45	1.01	0.08	0.262	0.27
31	WLAN5.8G	802.11ac VHT80	Bottom	0	155			Speed	Ant 0+1	w/o	98.87	1.01	15.50	15.43	1.02	0.02	0.834	0.86
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			WNC	Ant 0+1	w/o	98.87	1.01	15.50	15.43	1.02	0.01	0.817	0.84
	WLAN5.8G	802.11ac VHT80	Bottom	0	155			Speed	Ant 0+1	w/o	98.87	1.01	15.50	15.43	1.02	0.02	0.828	0.85
32	BT	BR / EDR	Bottom	0	39			Speed	Ant 1	w/o	76.70	1.30	11.00	10.90	1.02	-0.05	0.081	0.11
	BT	BR / EDR	Bottom	0	0			Speed	Ant 1	w/o	76.70	1.30	11.00	10.75	1.06	0.08	0.068	0.09
	BT	BR / EDR	Bottom	0	78			Speed	Ant 1	w/o	76.70	1.30	11.00	10.84	1.04	0.19	0.06	0.08
	BT	BR / EDR	Bottom	0	39			WNC	Ant 1	w/o	76.70	1.30	11.00	10.90	1.02	0.12	0.074	0.10



BUREAU
VERITAS

SAR and Power Density Test Result																										
System & Position						DUT Configuration		SAR										Power Density								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Manufacturer	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m ² (4cm ²)	Scaled APD W/m ² (4cm ²)	Grid Step [λ]	iPD [W/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Power Drift [dB]	Normal psPD [W/m ²]	Scaled Normal psPD [W/m ²]	Total psPD [W/m ²]	Scaled Total psPD [W/m ²]
33	UNII-5	802.11ax HE160	Bottom	0	15	Speed	Ant 0	98.90	1.01	10.00	9.98	1.00	0.07	0.235	0.24	1.57	1.59	0.0502	15.30	1.545	4.00	-0.12	1.69	2.64	3.09	4.82
	UNII-5	802.11ax HE160	Bottom	0	15	Speed	Ant 1	98.20	1.02	10.00	9.95	1.01	-0.18	0.081	0.08	0.535	0.55	0.0502				4.00				
	UNII-5	802.11ax HE160	Bottom	0	15	Speed	Ant 0+1	97.81	1.02	13.00	12.93	1.02	0.04	0.19	0.20	1.01	1.05	0.0502				4.00				
	UNII-5	802.11ax HE160	Bottom	0	47	Speed	Ant 0	98.90	1.01	10.00	9.94	1.01	0.18	0.14	0.14	0.88	0.9	0.0515				4.00				
	UNII-5	802.11ax HE160	Bottom	0	79	Speed	Ant 0	98.90	1.01	10.00	9.89	1.03	-0.15	0.189	0.20	1.03	1.07	0.0529	12.75	1.545	4.00	-0.11	1.35	2.11	2.48	3.99
	UNII-6	802.11ax HE160	Bottom	0	111	Speed	Ant 0	98.90	1.01	10.00	9.81	1.04	-0.04	0.138	0.14	0.832	0.87	0.0542				4.00				
	UNII-7	802.11ax HE160	Bottom	0	143	Speed	Ant 0	98.90	1.01	10.00	9.90	1.02	-0.16	0.195	0.20	1.14	1.17	0.0555	12.75	1.545	4.00	-0.05	1.41	2.2	2.56	4.07
	UNII-7	802.11ax HE160	Bottom	0	175	Speed	Ant 0	98.90	1.01	10.00	9.85	1.04	-0.07	0.223	0.23	1.06	1.11	0.0569	14.66	1.545	4.00	-0.05	1.62	2.53	2.93	4.76
	UNII-8	802.11ax HE160	Bottom	0	207	Speed	Ant 0	98.90	1.01	10.00	9.87	1.03	-0.18	0.211	0.22	1.28	1.33	0.0582	14.02	1.545	4.00	0.06	1.51	2.36	2.77	4.45
	UNII-5	802.11ax HE160	Bottom	0	15	WNC	Ant 0	98.90	1.01	10.00	9.98	1.00	0.08	0.182	0.18	0.997	1.01	0.0502				4.00				

Appendix H. Analysis of Simultaneous Transmission.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body Exposure Condition
A	WWAN + WLAN 2.4G + BT	Yes
B	WWAN + WLAN 5G + BT	Yes
C	WWAN + WLAN 6G + BT	Yes

Notes

1. The WLAN 2.4G, 5G and 6G cannot transmit simultaneously.
2. The transmitter of WWAN Ant 0 is more than 20 cm from Bottom of Laptop, there is no requirement for that position to evaluate simultaneous transmission.

Simultaneous Transmission SAR Evaluation									
Band	Position	1	2	3	4	5	A (1 + 2 + 5)	B (1 + 3 + 5)	C (1 + 4 + 5)
		Max WWAN	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max BT	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg			
LTE 41	Bottom	0.58	0.74	0.86	0.24	0.11	1.43	1.55	0.93
LTE 48	Bottom	0.62	0.74	0.86	0.24	0.11	1.47	1.59	0.97
5GNR-n41	Bottom	0.33	0.74	0.86	0.24	0.11	1.18	1.30	0.68
5GNR-n77	Bottom	0.59	0.74	0.86	0.24	0.11	1.44	1.56	0.94
5GNR-n78	Bottom	0.45	0.74	0.86	0.24	0.11	1.30	1.42	0.80

Total Exposure Ratio					
Band	Position	1	4	5	C (1 + 4 + 5)
		Max WWAN	Max WLAN 6GHz	Max BT Ant 1	Total Exposure Ratio
		1g SAR W/kg	4cm ² W/m ²	1g SAR W/kg	
LTE 41	Bottom	0.58	4.82	0.11	0.91
LTE 48	Bottom	0.62	4.82	0.11	0.94
5GNR-n41	Bottom	0.33	4.82	0.11	0.76
5GNR-n77	Bottom	0.59	4.82	0.11	0.92
5GNR-n78	Bottom	0.45	4.82	0.11	0.83

Appendix Z. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.



In Collaboration with
s p e a g
CALIBRATION LABORATORY



中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, Chi
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cntl@chinattl.com http://www.chinattl.cn

Client

B.V.ADT

Certificate No: **Z21-60284**

CALIBRATION CERTIFICATE

Object

D2450V2 - SN: 737

Calibration Procedure(s)

FF-Z11-003-01

Calibration Procedures for dipole validation kits

Calibration date:

August 26, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE3	SN 536	06-Nov-20(CTTL-SPEAG,No.Z20-60452)	Nov-21
Secondary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C	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: August 31, 2021

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



In Collaboration with

s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China

Tel: +86-10-62304633-2079

Fax: +86-10-62304633-2504

E-mail: cttl@chinattl.com

http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORM _{x,y,z}
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

- 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
- 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
- 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
- KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

- 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%.



In Collaboration with
s p e a g
 CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
 Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
 E-mail: cttl@chinattl.com http://www.chinattl.cn

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, dz = 5 mm	
Frequency	2450 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	40.0 $\pm$ 6 %	1.77 mho/m $\pm$ 6 %
Head TSL temperature change during test	<1.0 °C	---	---

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.0 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.6 W/kg $\pm$ 18.8 % (k=2)
SAR averaged over 10 cm³ (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	5.92 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 W/kg $\pm$ 18.7 % (k=2)



In Collaboration with

s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China

Tel: +86-10-62304633-2079

Fax: +86-10-62304633-2504

E-mail: cttl@chinattl.com

<http://www.chinattl.cn>

Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.0Ω+ 4.29jΩ
Return Loss	- 25.0dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.067 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
-----------------	-------



In Collaboration with

s p e a g
CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China

Tel: +86-10-62304633-2079

Fax: +86-10-62304633-2504

E-mail: cttl@chinattl.com

http://www.chinattl.cn

DASY5 Validation Report for Head TSL

Date: 08.26.2021

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.772$ S/m; $\epsilon_r = 40.04$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7517; ConvF(7.34, 7.34, 7.34) @ 2450 MHz; Calibrated: 2021-02-03
- Sensor-Surface: 1.4mm|(Mechanical Surface Detection)
- Electronics: DAE3 Sn536; Calibrated: 2020-11-06
- 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 (7483)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.5 V/m; Power Drift = -0.01 dB

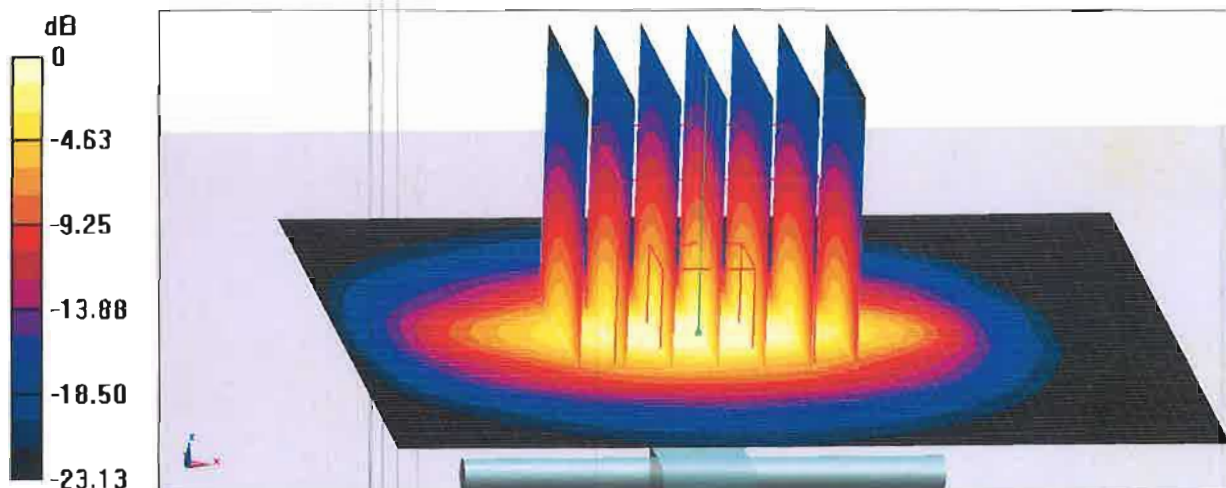
Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.92 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 22.3 W/kg





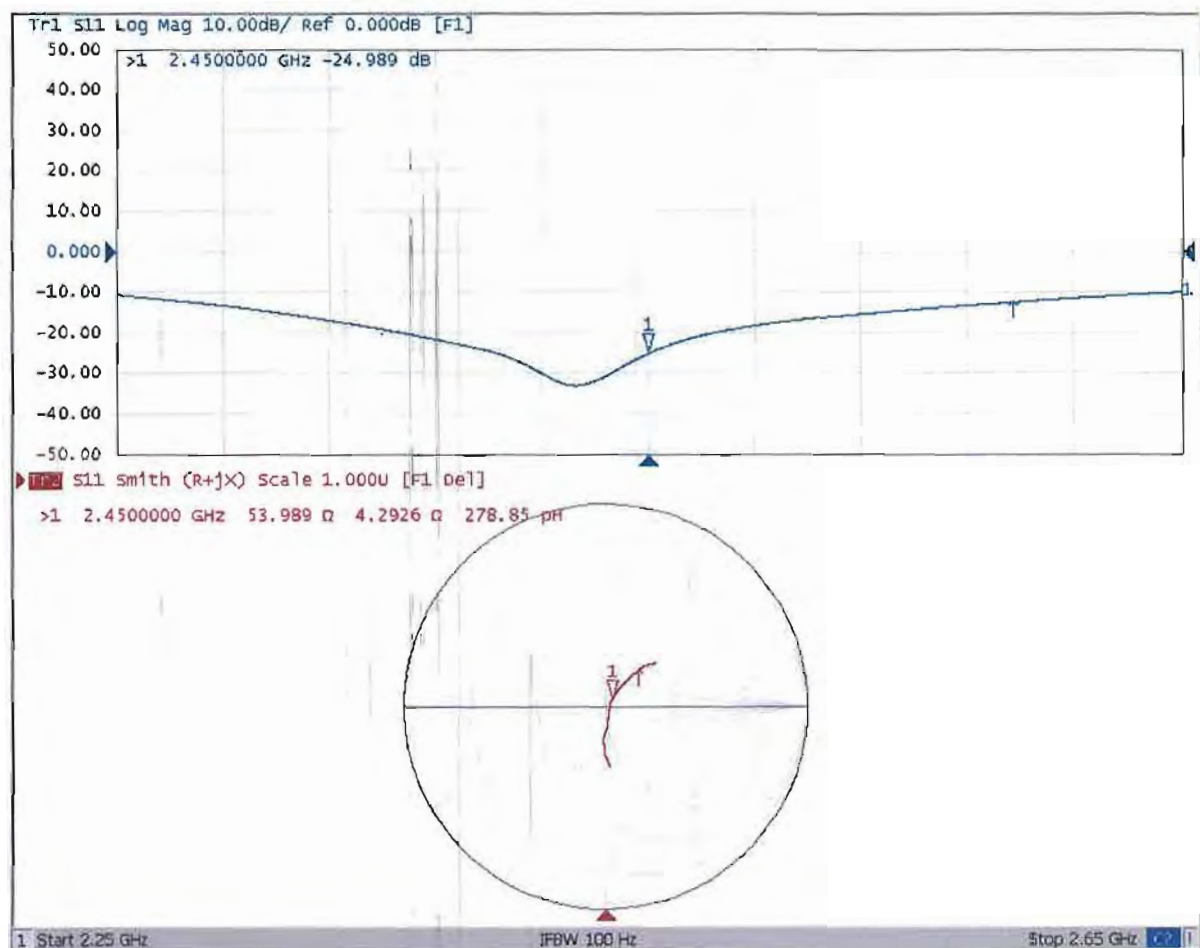
In Collaboration with

s p e a g

CALIBRATION LABORATORY

Add: No.52 HuaYuanBei Road, Haidian District, Beijing, 100191, China
Tel: +86-10-62304633-2079 Fax: +86-10-62304633-2504
E-mail: cttl@chinattl.com <http://www.chinattl.cn>

Impedance Measurement Plot for Head TSL





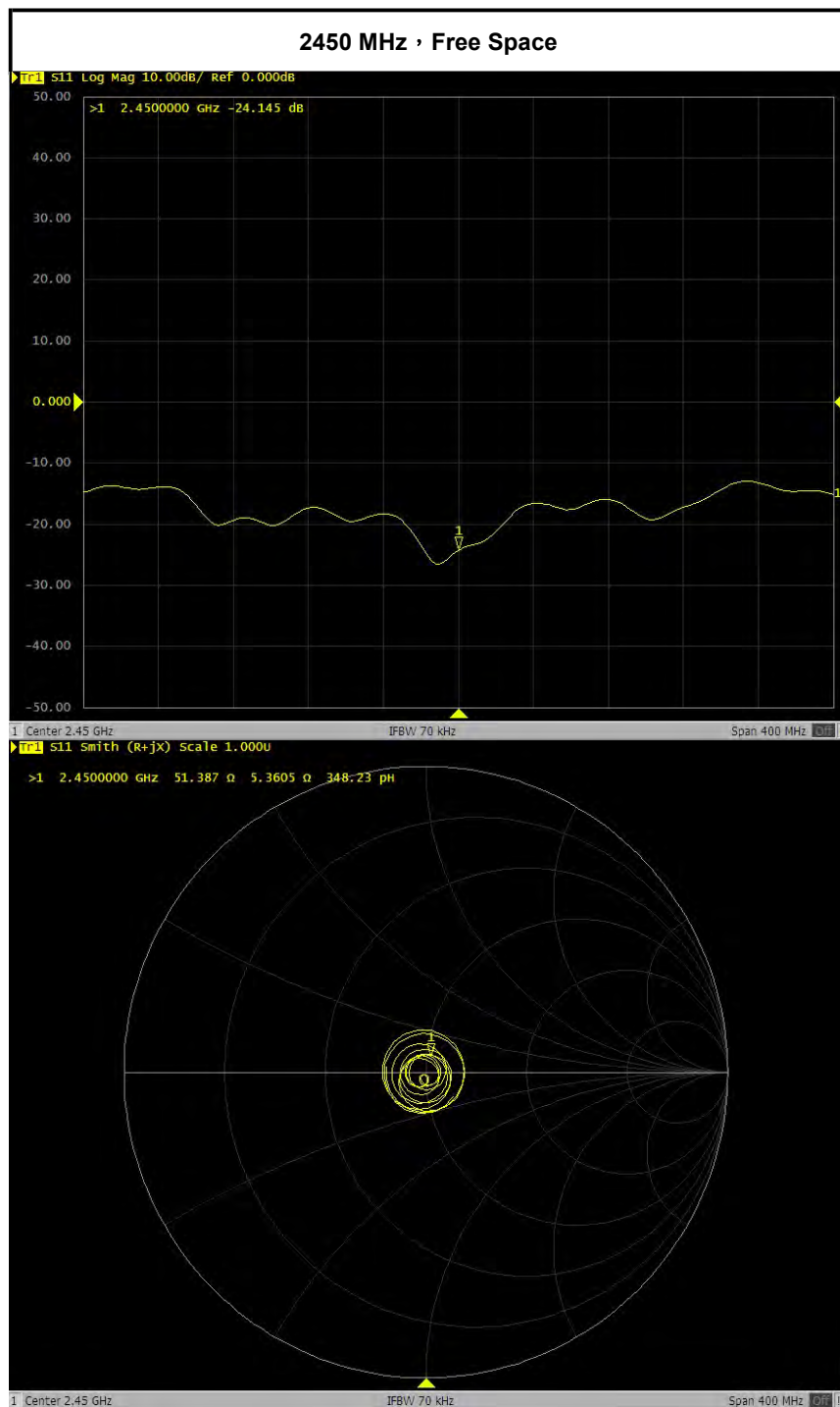
Annual Confirmation of SAR Reference Dipole

Model : D2450V2

S/N : 737

Measurement Date : 2022/8/25

Frequency (MHz)	Type	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
2450	Free Space	Real Impedance	53.989	51.387	-2.602	$\pm 5\Omega$	PASS
		Imaginary Impedance	4.2926	5.3605	1.07	$\pm 5\Omega$	PASS
		Return Loss	-24.989	-24.145	-3.38%	$\pm 20\%$	PASS





Accredited by the Swiss Accreditation Service (SAS)
 The Swiss Accreditation Service is one of the signatories to the EA
 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **B.V.ADT (Auden)**

Certificate No: **D2600V2-1020_Aug21**

CALIBRATION CERTIFICATE

Object **D2600V2 - SN:1020**

Calibration procedure(s) **QA CAL-05.v11**
Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

Calibration date: **August 17, 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 $(22 \pm 3)^{\circ}\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 7349	28-Dec-20 (No. EX3-7349_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

Calibrated by: **Leif Klysner** **Laboratory Technician**

Approved by: **Katja Pokovic** **Technical Manager**

Issued: August 27, 2021

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



Accredited by the Swiss Accreditation Service (SAS)

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

Accreditation No.: **SCS 0108**

Glossary:

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

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- c) DASY 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- *Return Loss:* This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. 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%.

Measurement Conditions

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

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2600 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.0	1.96 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	37.4 $\pm$ 6 %	2.04 mho/m $\pm$ 6 %
Head TSL temperature change during test	< 0.5 °C	---	---

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	14.8 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	57.6 W/kg $\pm$ 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.52 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	25.7 W/kg $\pm$ 16.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	47.8 Ω - 4.9 j Ω
Return Loss	- 25.2 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.153 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
-----------------	-------

DASY5 Validation Report for Head TSL

Date: 17.08.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1020

Communication System: UID 0 - CW; Frequency: 2600 MHz

Medium parameters used: $f = 2600$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 37.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN7349; ConvF(7.84, 7.84, 7.84) @ 2600 MHz; Calibrated: 28.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 119.9 V/m; Power Drift = 0.02 dB

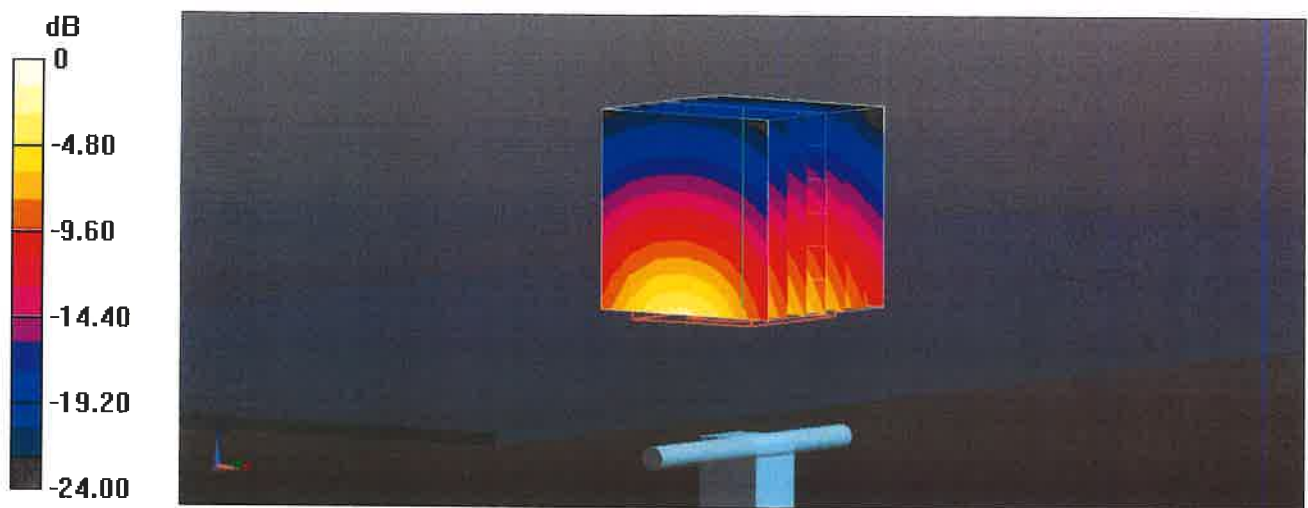
Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.52 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

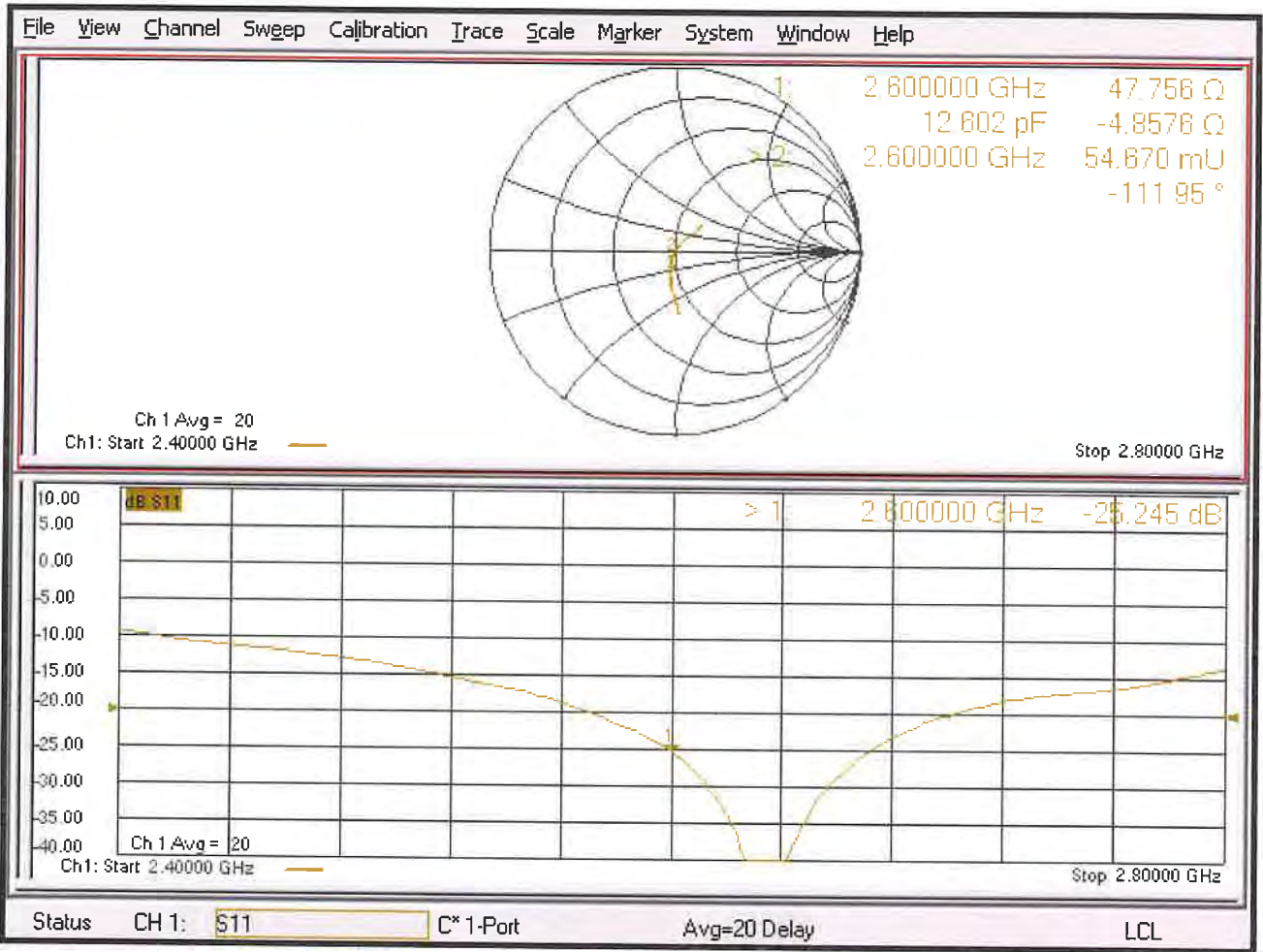
Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 24.5 W/kg



0 dB = 24.5 W/kg = 13.89 dBW/kg

Impedance Measurement Plot for Head TSL





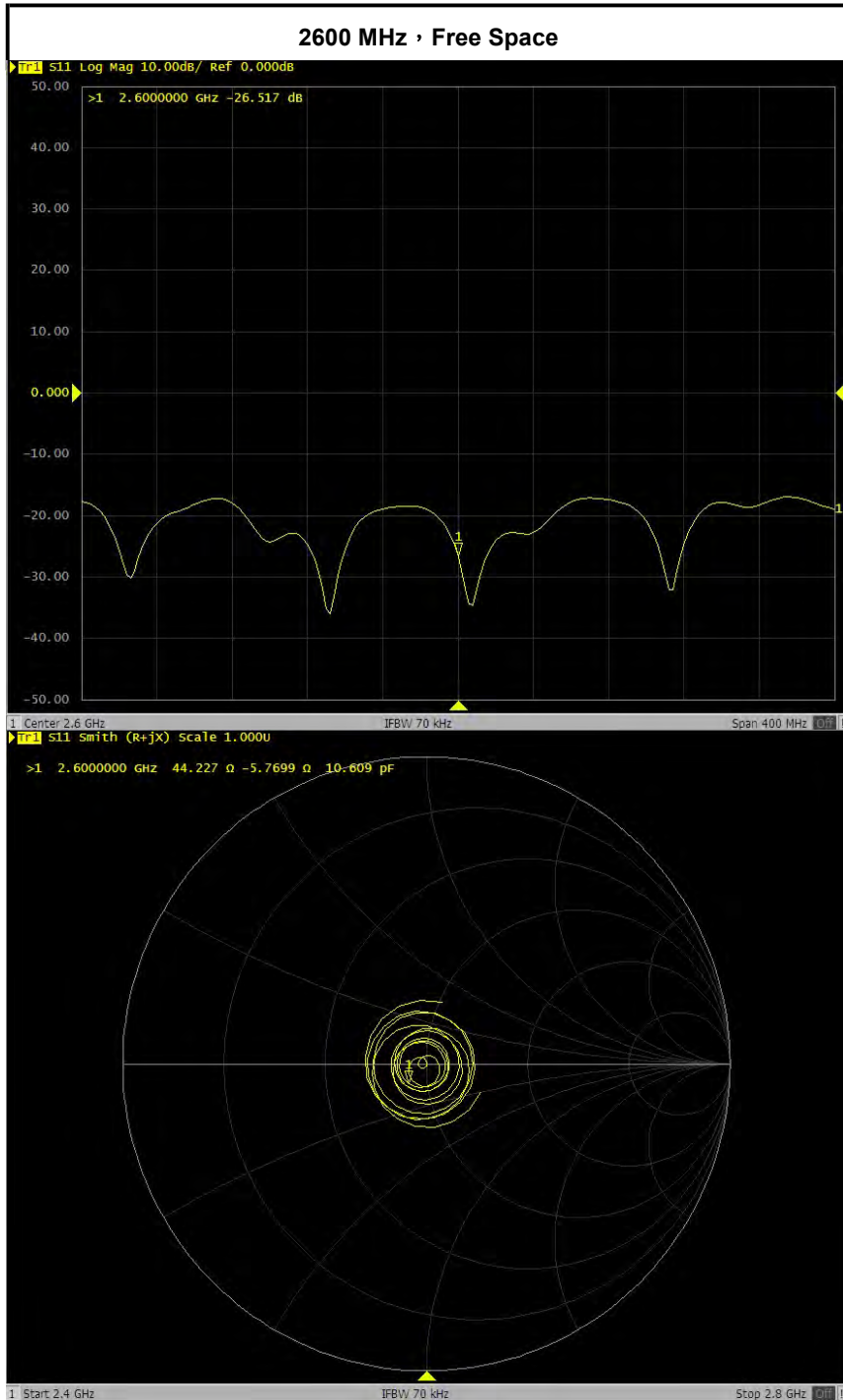
Annual Confirmation of SAR Reference Dipole

Model : D2600V2

S/N : 1020

Measurement Date : 2022/8/16

Frequency (MHz)	Type	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
2600	Free Space	Real Impedance	47.756	44.227	-3.529	$\pm 5\Omega$	PASS
		Imaginary Impedance	-4.8576	-5.7699	-0.91	$\pm 5\Omega$	PASS
		Return Loss	-25.245	-26.517	5.04%	$\pm 20\%$	PASS





Accredited by the Swiss Accreditation Service (SAS)

Accreditation No.: **SCS 0108**

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

Client **B.V. ADT (Auden)**

Certificate No: **D3500V2-1007_Jan21**

CALIBRATION CERTIFICATE

Object **D3500V2 - SN:1007**

Calibration procedure(s) **QA CAL-22.v5**
Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date: **January 20, 2021**

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: BH9394 (20k)	31-Mar-20 (No. 217-03106)	Apr-21
Type-N mismatch combination	SN: 310982 / 06327	31-Mar-20 (No. 217-03104)	Apr-21
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

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

Issued: January 25, 2021

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



Accredited by the Swiss Accreditation Service (SAS)

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

Accreditation No.: **SCS 0108**

Glossary:

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

Calibration is Performed According to the Following Standards:

- 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
- IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- 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%.

Measurement Conditions

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

DASY Version	DASY5	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
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	3500 MHz $\pm$ 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	37.9	2.91 mho/m
Measured Head TSL parameters	(22.0 $\pm$ 0.2) °C	37.4 $\pm$ 6 %	2.88 mho/m $\pm$ 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.56 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	65.6 W/kg $\pm$ 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.46 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.6 W/kg $\pm$ 19.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.0 Ω - 5.4 j Ω
Return Loss	- 24.4 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.135 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
-----------------	-------

DASY5 Validation Report for Head TSL

Date: 20.01.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: D3500V2 - SN:1007

Communication System: UID 0 - CW; Frequency: 3500 MHz

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.88$ S/m; $\epsilon_r = 37.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 - SN3503; ConvF(7.91, 7.91, 7.91) @ 3500 MHz; Calibrated: 30.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 02.11.2020
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100 mW, d=10mm, f=3500MHz/Zoom Scan, dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 72.81 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 6.56 W/kg; SAR(10 g) = 2.46 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

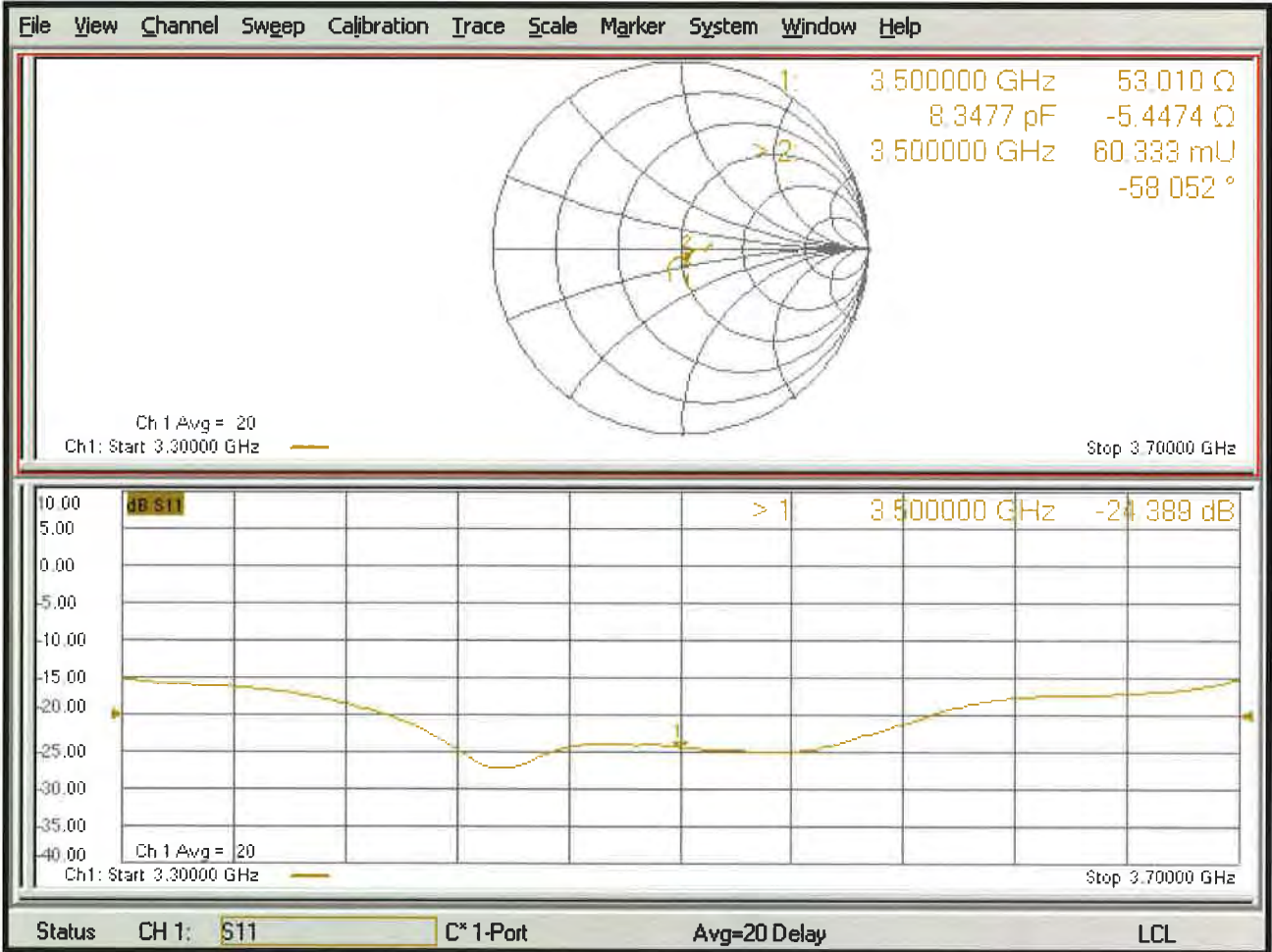
Ratio of SAR at M2 to SAR at M1 = 75.1%

Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

Impedance Measurement Plot for Head TSL





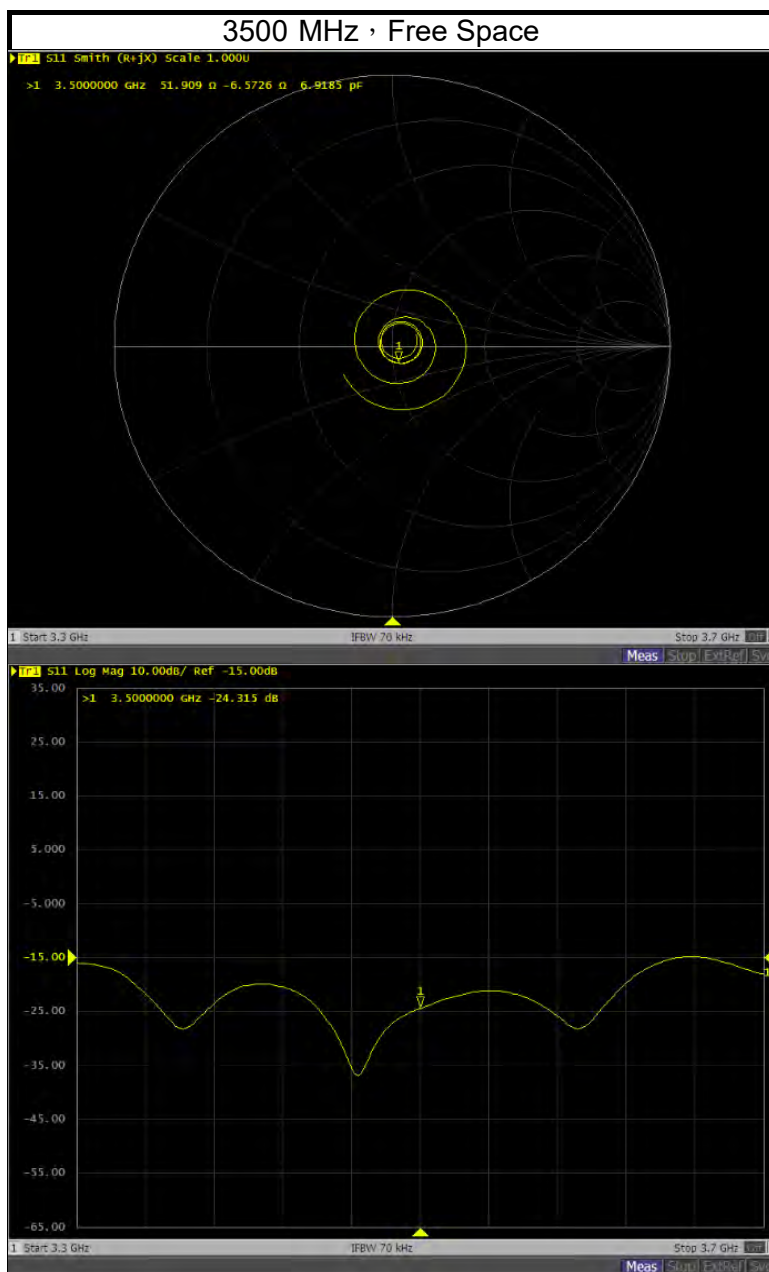
Annual Confirmation of SAR Reference Dipole

Model : D3500V2

S/N : 1007

Measurement Date : 2022/1/19

Frequency (MHz)	Type	Item	Previous Measurement	Annual Check	Deviation	Accepted Tolerance	Result
3500	Free Space	Real Impedance	53.010	51.909	-1.10	$\pm 5\Omega$	PASS
		Imaginary Impedance	-5.0000	-6.5726	-1.57	$\pm 5\Omega$	PASS
		Return Loss	-24.389	-24.315	-0.30%	$\pm 20\%$	PASS





Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **B.V. ADT (Auden)**

Certificate No: **D3700V2-1017_Aug21**

CALIBRATION CERTIFICATE

Object **D3700V2 - SN:1017**

Calibration procedure(s) **QA CAL-22.v6
Calibration Procedure for SAR Validation Sources between 3-10 GHz**

Calibration date: **August 19, 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 $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: BH9394 (20k)	09-Apr-21 (No. 217-03343)	Apr-22
Type-N mismatch combination	SN: 310982 / 06327	09-Apr-21 (No. 217-03344)	Apr-22
Reference Probe EX3DV4	SN: 3503	30-Dec-20 (No. EX3-3503_Dec20)	Dec-21
DAE4	SN: 601	02-Nov-20 (No. DAE4-601_Nov20)	Nov-21

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-21

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

Issued: August 19, 2021

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



Accredited by the Swiss Accreditation Service (SAS)

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

Accreditation No.: **SCS 0108**

Glossary:

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

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY 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 source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss:* This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. 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%.