

APPENDIX A: SAR TEST DATA

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: LQG94JW07G

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 826.4 MHz

Medium: 835 Body; Medium parameters used (interpolated):

$f = 826.4 \text{ MHz}$; $\sigma = 0.991 \text{ S/m}$; $\epsilon_r = 53.58$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/04/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7421; ConvF(9.52, 9.52, 9.52) @ 826.4 MHz; Calibrated: 3/17/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn604; Calibrated: 3/10/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 850, Antenna 2, Body SAR, Back side, Low.ch

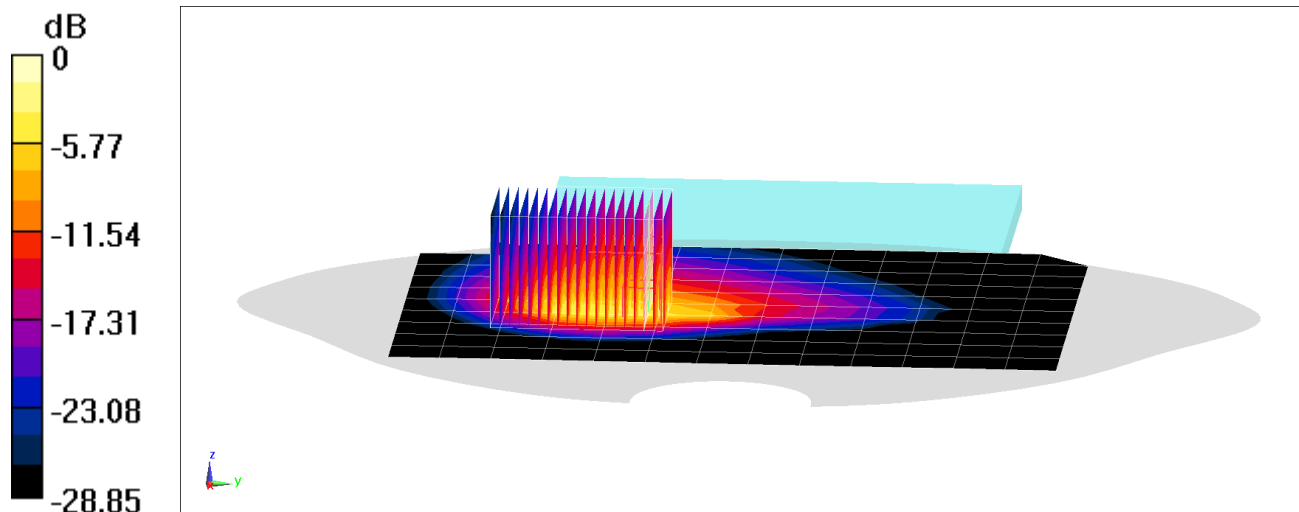
Area Scan (11x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (15x19x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 30.67 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.51 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.365 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: F52K46M4N3

Communication System: UID:10011-CAB, WCDMA; MAIA: Y; Frequency: 1732.4 MHz

Medium: 1750 Body; Medium parameters used:

f = 1732.4 MHz; cond = 1.45 S/m; perm = 51.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/23/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7639; ConvF:(9.3,9.3,9.3); Calibrated: 2021-03-03

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1646; Calibrated: 2021-01-11

Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2029

Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: UMTS 1750, Antenna 1b, Body SAR, Back side, Mid.ch

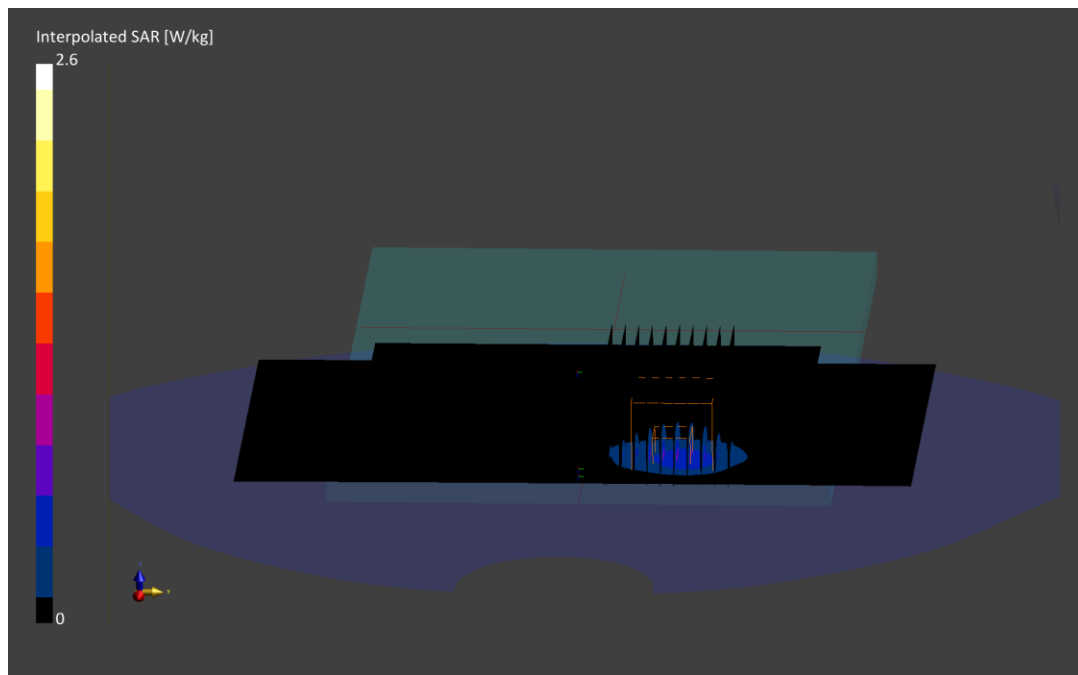
Area Scan (180.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 0.73 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.6 W/kg

SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.292 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: 352797110566556

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1907.6 MHz;

Medium: 1900 Body; Medium parameters used (interpolated):

$f = 1907.6$ MHz; $\sigma = 1.581$ S/m; $\epsilon_r = 52.47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/11/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7640; ConvF(9.06, 9.06, 9.06) @ 1907.6 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1900, Antenna 3b, Body SAR, Back side, High.ch

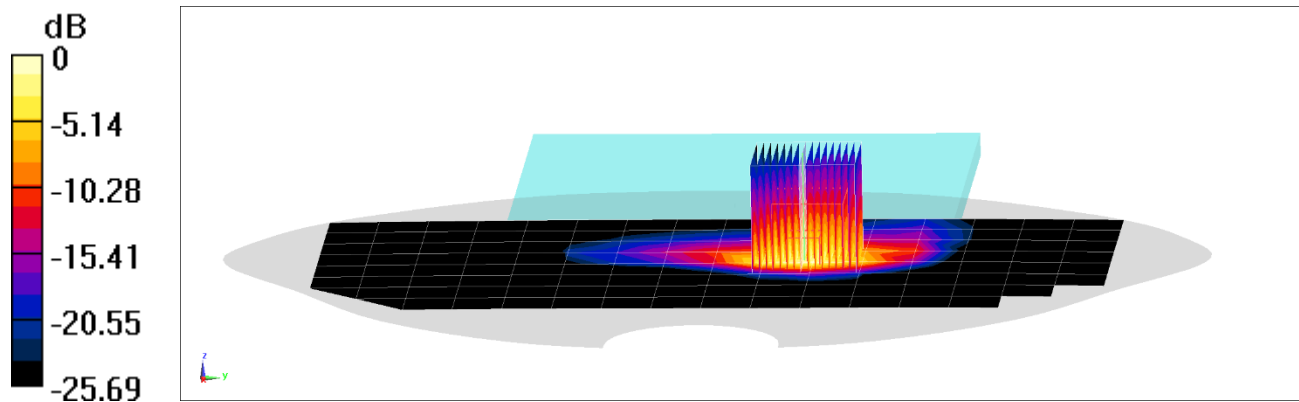
Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (16x16x8)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 22.68 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.303 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D6WL24FM99

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 680.5 MHz;

Medium: 750 Body; Medium parameters used (interpolated):

$f = 680.5$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 56.334$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF(10.82, 10.82, 10.82) @ 680.5 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 71, Antenna 4, Body SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

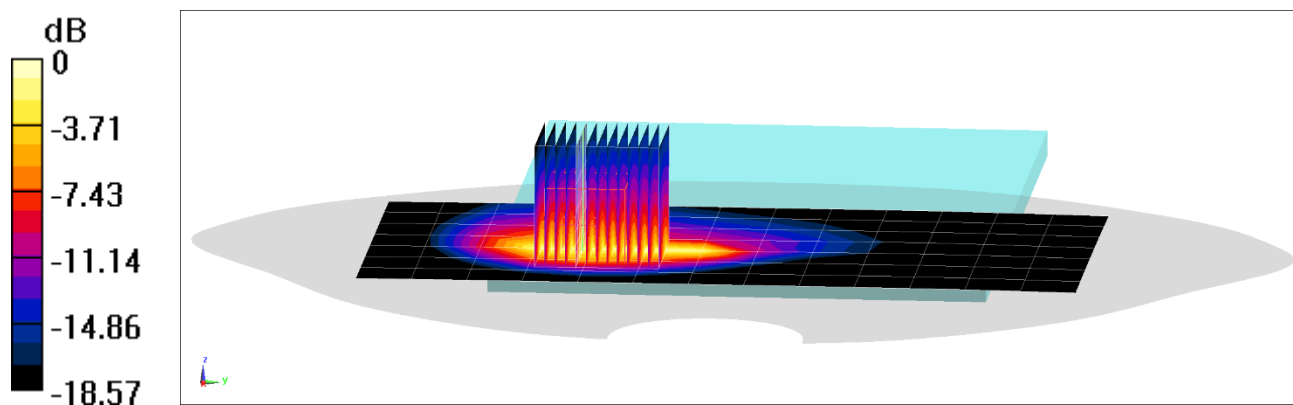
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 25.32 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.62 W/kg

SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.351 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: N14X7HKHFY

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Body; Medium parameters used:

$f = 707.5$ MHz; $\text{cond} = 0.95$ S/m; $\text{perm} = 54.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 18.9°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V4.0; Serial: 1357

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 12, Antenna 2, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

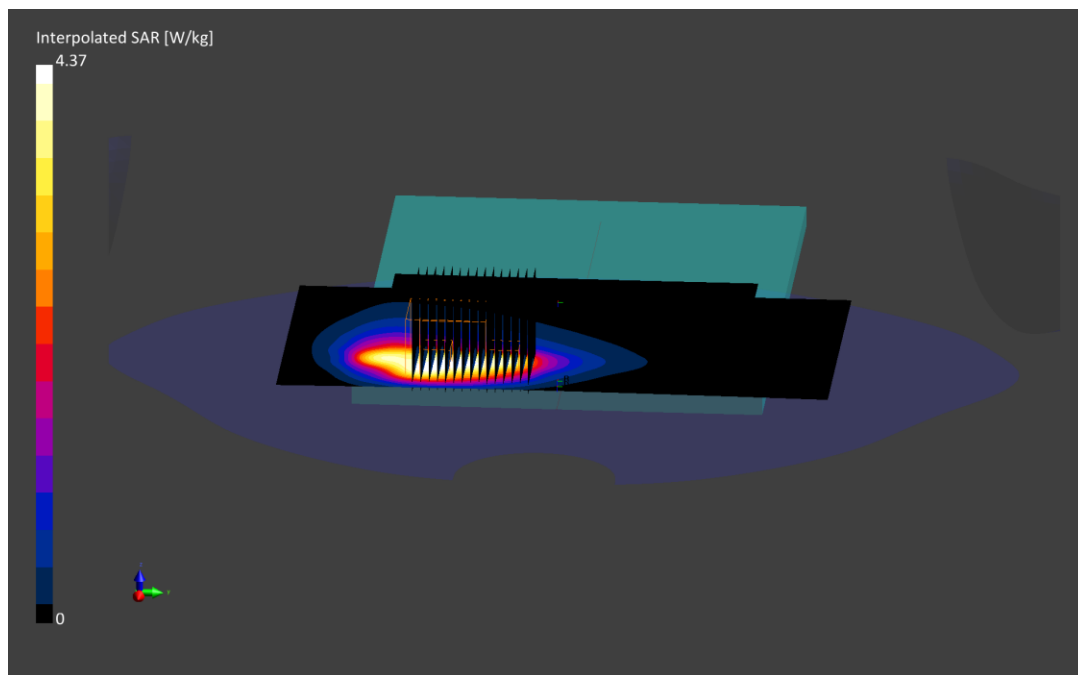
Area Scan (180.0 x 240.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=2.7$ mm, $dy=2.7$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

Reference Value = 0.48 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.292 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: MHFY65WKT X

Communication System: UID 10108 - CAG, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK);

Frequency: 782 MHz;

Medium: 750 Body Medium parameters used (interpolated):

$f = 782 \text{ MHz}$; $\sigma = 0.948 \text{ S/m}$; $\epsilon_r = 56.164$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF(10.82, 10.82, 10.82) @ 782 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

**Mode: LTE Band 13, Antenna 4, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

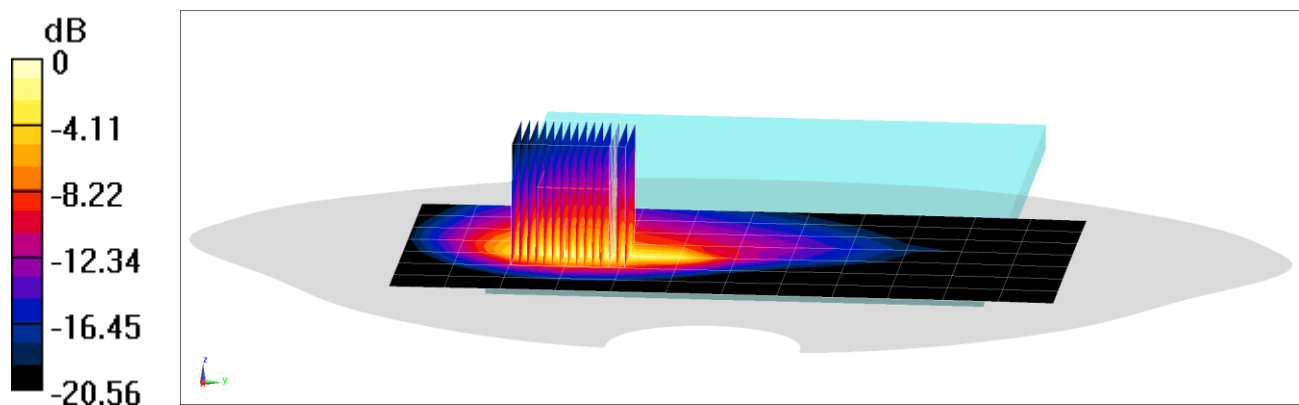
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (15x15x8)/Cube 0: Measurement grid: dx=2.2mm, dy=2.2mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 25.95 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.67 W/kg

SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.331 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: WWY4QW7W9Q

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Body; Medium parameters used:

f = 793.0 MHz; cond = 0.999 S/m; perm = 53.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/03/2021; Ambient Temp: 21.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V4.0; Serial: 1357

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 14, Antenna 4, Body SAR, Back side, Mid.ch,
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset**

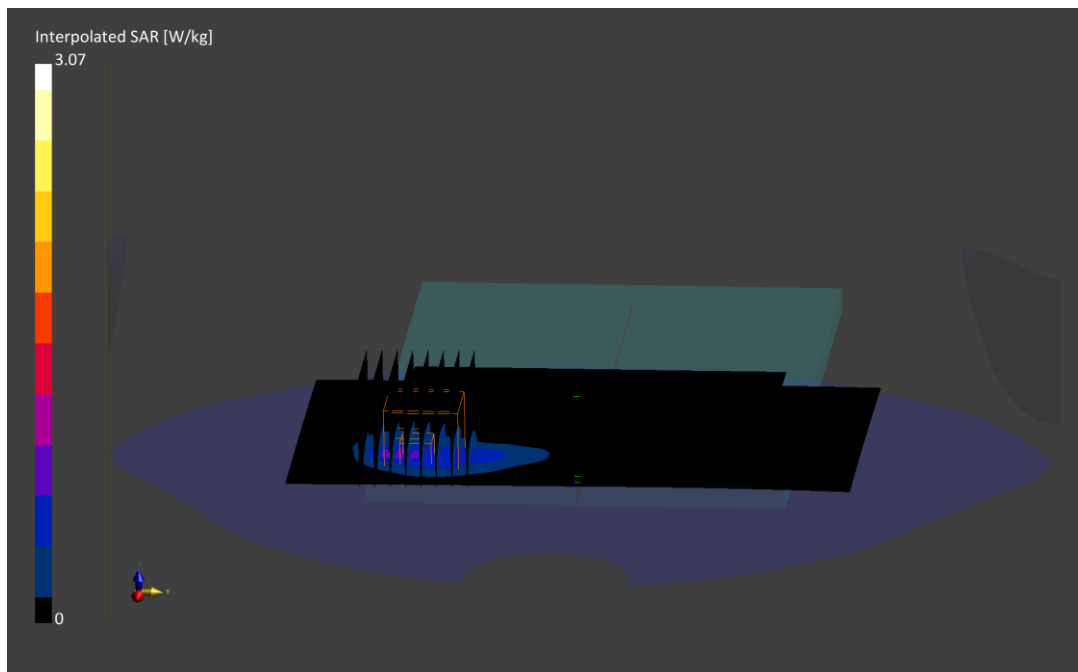
Area Scan (180.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.9 mm, dy=4.9 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 0.54 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.403 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D57Y7GFJ93

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);

Frequency: 819 MHz;

Medium: 835 Body; Medium parameters used (interpolated):

$f = 819 \text{ MHz}$; $\sigma = 0.967 \text{ S/m}$; $\epsilon_r = 53.946$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/21/2021; Ambient Temp: 20.8°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3949; ConvF(10.26, 10.26, 10.26) @ 819 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 26 (Cell.), Antenna 4, Body SAR, Back side, Low.ch,
10 MHz Bandwidth, QPSK, 25 RB, 12 RB Offset**

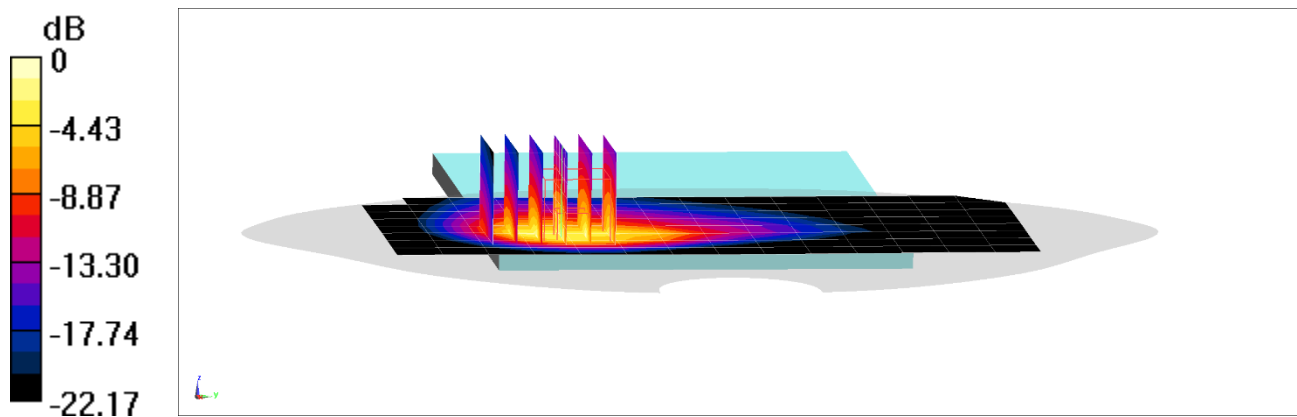
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 24.13 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.369 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: LQG94JW07G

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK);

Frequency: 836.5 MHz;

Medium: 835 Body Medium parameters used (interpolated):

$f = 836.5$ MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 52.566$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/14/2021; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3949; ConvF(10.26, 10.26, 10.26) @ 836.5 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/11/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 5 (Cell.) ULCA, Antenna 2, Body SAR, Back side, Mid.ch,

PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 25 RB, 0 RB Offset;

SCC: 5 MHz Bandwidth, QPSK, Ch. 20453, 12 RB, 13 RB Offset

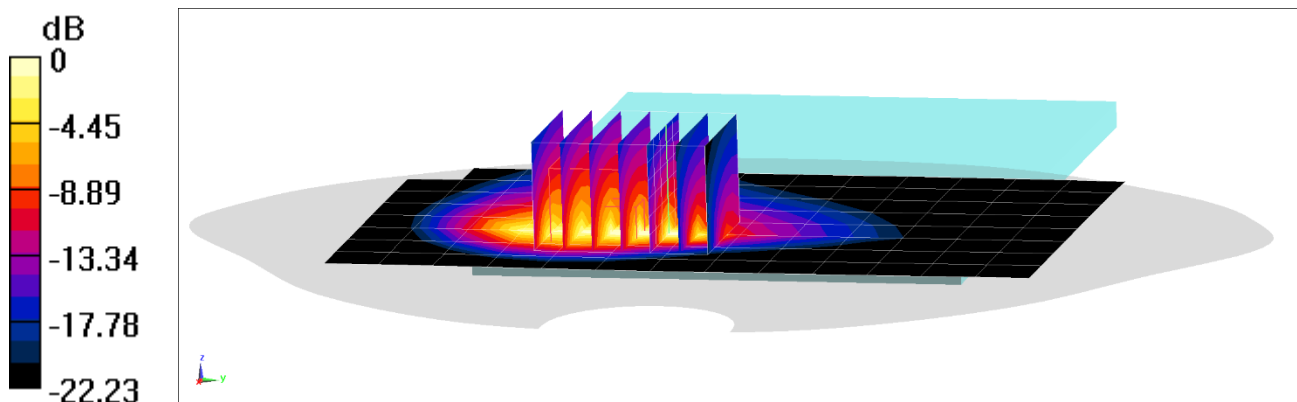
Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.07 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.361 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: FPJF4R9KDC

Communication System: UID 10297 - AAD, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 1770 MHz;

Medium: 1750 Body; Medium parameters used:

$f = 1770$ MHz; $\sigma = 1.506$ S/m; $\epsilon_r = 53.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/13/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF(9.5, 9.5, 9.5) @ 1770 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 66 (AWS), Antenna 4, Body SAR, Top Edge, High.ch,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

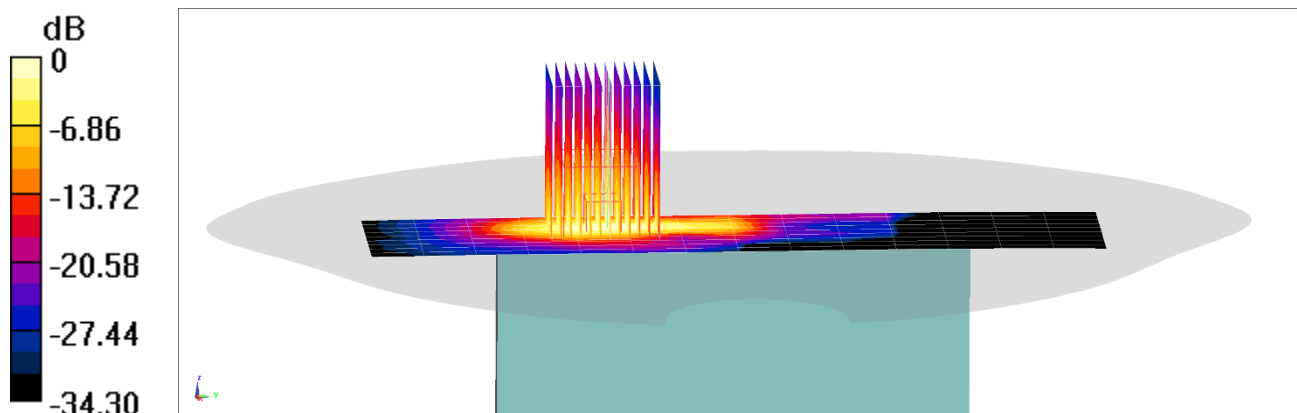
Area Scan (10x15x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (12x12x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 25.52 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.337 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: LQG94JW07G

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 1860 MHz;

Medium: 1900 Body; Medium parameters used:

$f = 1860$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 53.225$; $\rho = 1000$ kg/m³

Phantom section: Flat Section ; Space: 0.0 cm

Test Date: 06/30/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF(9.06, 9.06, 9.06) @ 1860 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 25 (PCS), Antenna 1b, Body SAR, Back side, Low.ch,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

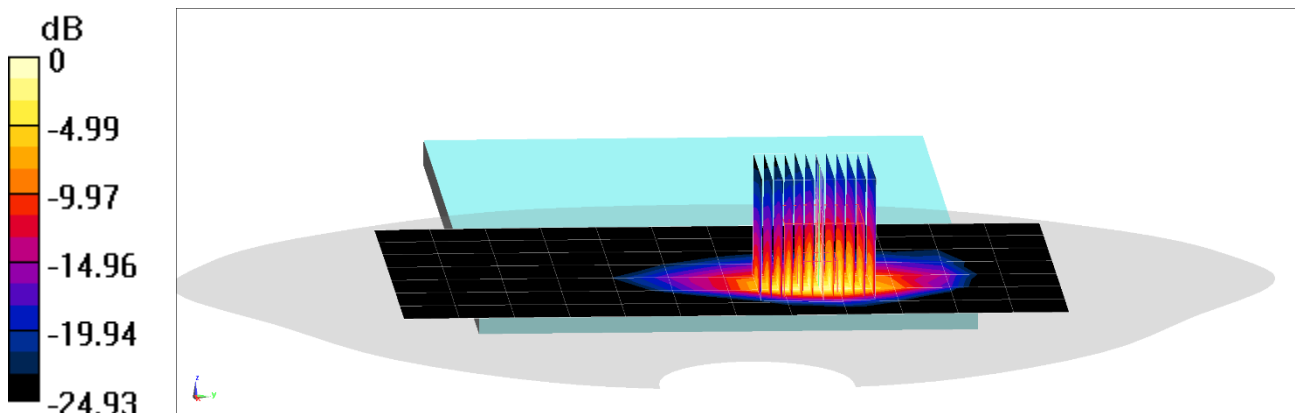
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (12x12x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm

Reference Value = 23.74 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.318 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: MHFY65WKTX

Communication System: UID:10154 - CAG, LTE-FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2300 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.86 S/m; perm = 51.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 08/02/2021; Ambient Temp: 20.9°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7532; ConvF:(7.59,7.59,7.59); Calibrated: 2021-04-19

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 30, Antenna 4, Body SAR, Left Edge,
10 MHz Bandwidth, Mid.ch, QPSK, 25 RB, 12 RB Offset**

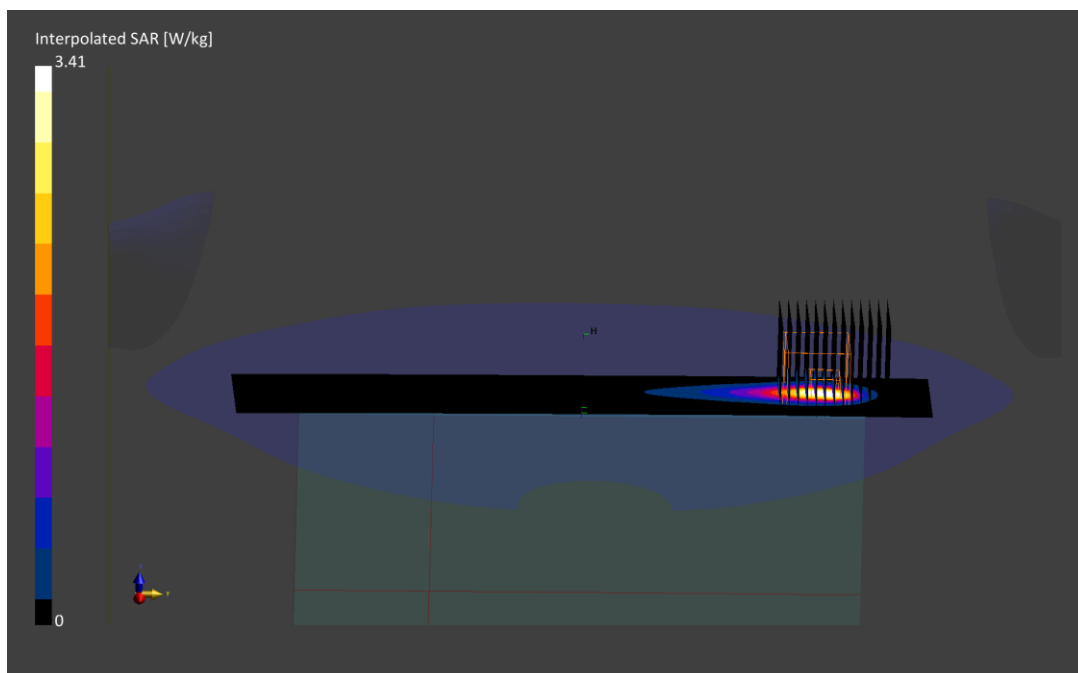
Area Scan (40.0 x 240.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

Reference Value = 1.21 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.304 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D57Y7GFJ93

Communication System: UID 10297 - AAD, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK);

Frequency: 2535 MHz;

Medium: 2450-2600 Body; Medium parameters used:

$f = 2535$ MHz; $\sigma = 2.103$ S/m; $\epsilon_r = 51.976$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/04/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2535 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 7, Antenna 4, Body SAR, Back side, Mid.ch,
20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset**

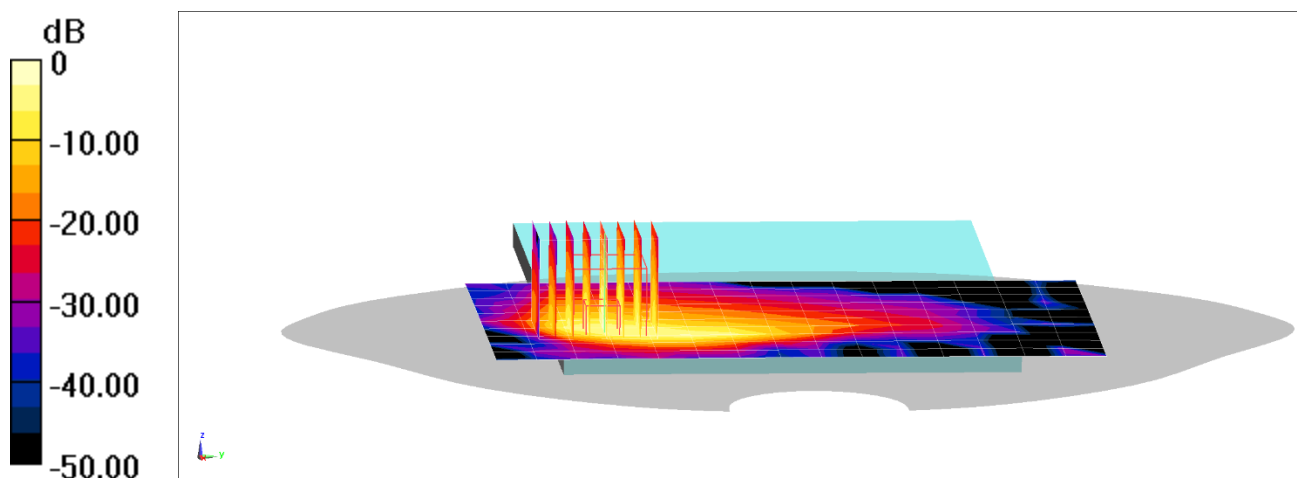
Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.86 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.338 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D57Y7GFJ93

Communication System: UID 10172 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK);

Frequency: 2593 MHz;

Medium: 2450-2600 Body; Medium parameters used (interpolated):

$f = 2593$ MHz; $\sigma = 2.164$ S/m; $\epsilon_r = 52.237$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/14/2021; Ambient Temp: 22.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2593 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 41 PC2 ULCA, Antenna 4, Body SAR, Back side, Mid.ch,

PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 1 RB, 0 RB Offset;

SCC: 20 MHz Bandwidth, QPSK, Ch. 40422 1 RB, 99 RB Offset

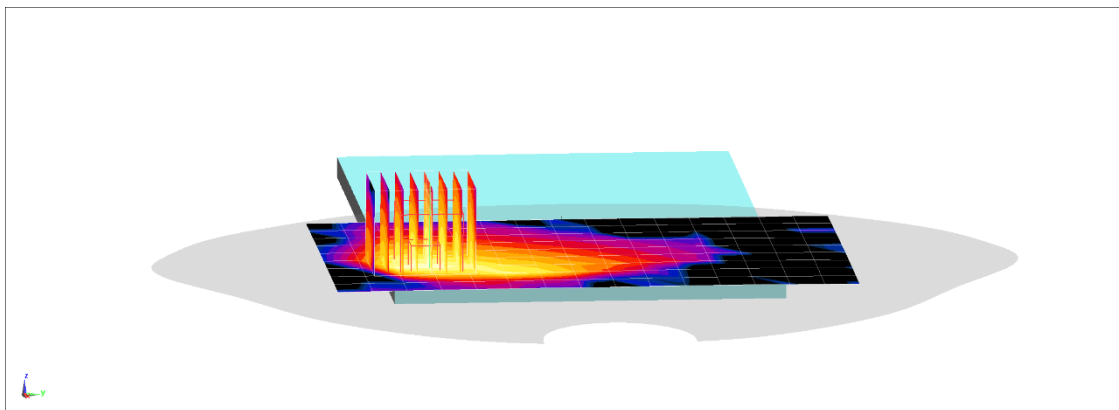
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.05 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.296 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: YDHKFG44JX

Communication System: UID:10512 - AAF, LTE-TDD; MAIA: Y; Frequency: 3603.3 MHz

Medium: 3500-3900 Body; Medium parameters used:

$f = 3603.3$ MHz; $\text{cond} = 3.48$ S/m; $\text{perm} = 49.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/15/2021; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF:(6.06,6.06,6.06); Calibrated: 2021-01-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn793; Calibrated: 2021-01-13

Phantom: Main; Serial: 1736

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: LTE Band 48, Antenna 2, Body SAR, Back side, Low-mid.ch,
20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset**

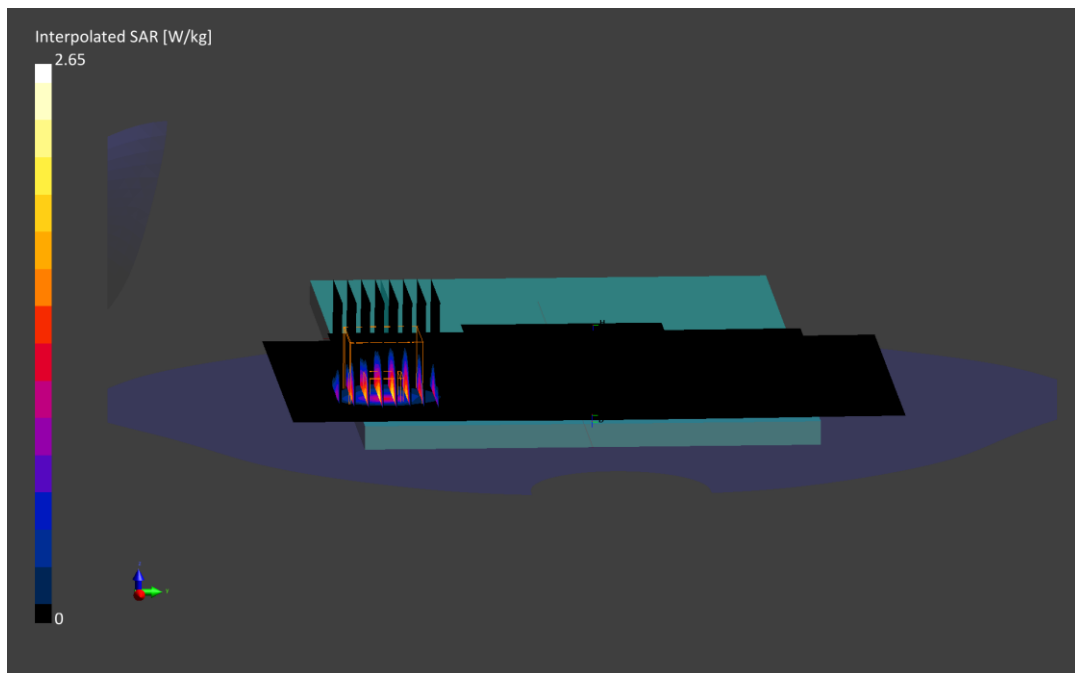
Area Scan (180.0 x 240.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=4.1$ mm, $dy=4.1$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 1.09 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.214 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D6WL24FM99

Communication System: UID:10770 - AAD, CW; MAIA: Y; Frequency: 680.5 MHz

Medium: 750 Body; Medium parameters used:

f = 680.5 MHz; cond = 0.933 S/m; perm = 53.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/09/2021; Ambient Temp: 22.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V4.0; Serial: 1357

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n71, Antenna 4, Body SAR, Back side, 20 MHz Bandwidth,
CP-OFDM, QPSK, Ch. 136100, 1 RB, 1 RB Offset**

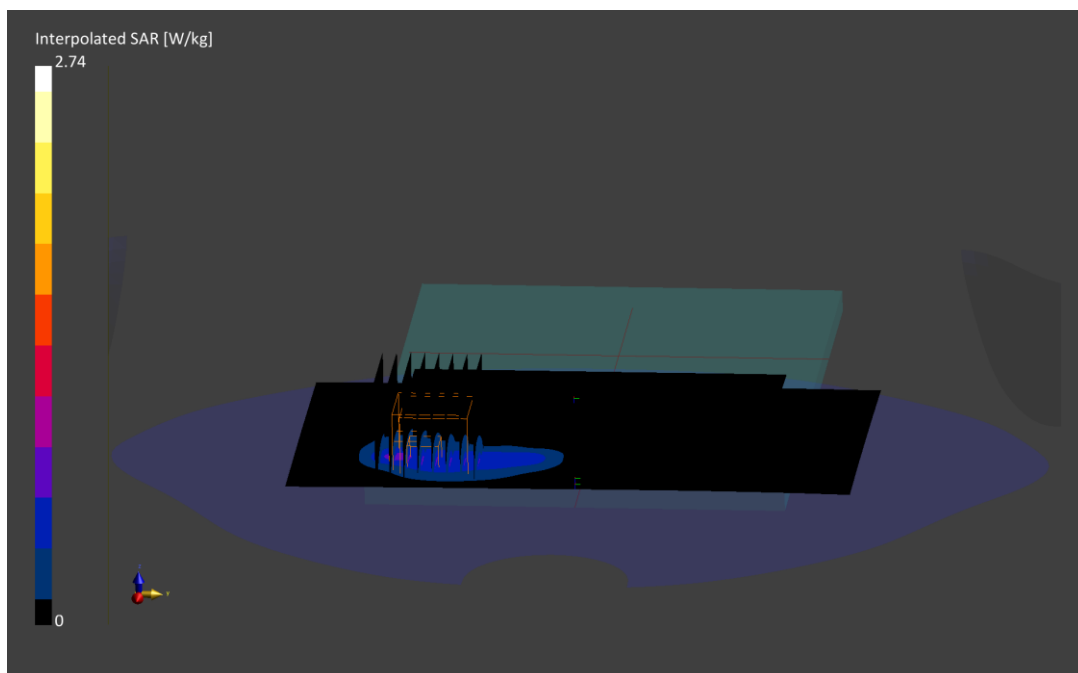
Area Scan (180.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.5 mm, dy=4.5 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 0.51 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.352 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: LQG94JW07G

Communication System: UID:10769 - AAD, CW; MAIA: Y; Frequency: 707.5 MHz

Medium: 750 Body; Medium parameters used:

f = 707.5 MHz; cond = 0.933 S/m; perm = 56.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/09/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7638; ConvF:(10.82,10.82,10.82); Calibrated: 2021-03-03

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1644; Calibrated: 2021-01-11

Phantom: Twin-SAM V8.0; Serial: 2027

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n12, Antenna 2, Body SAR, Back side, 15 MHz Bandwidth,
CP-OFDM, QPSK, Ch. 141500, 1 RB, 1 RB Offset**

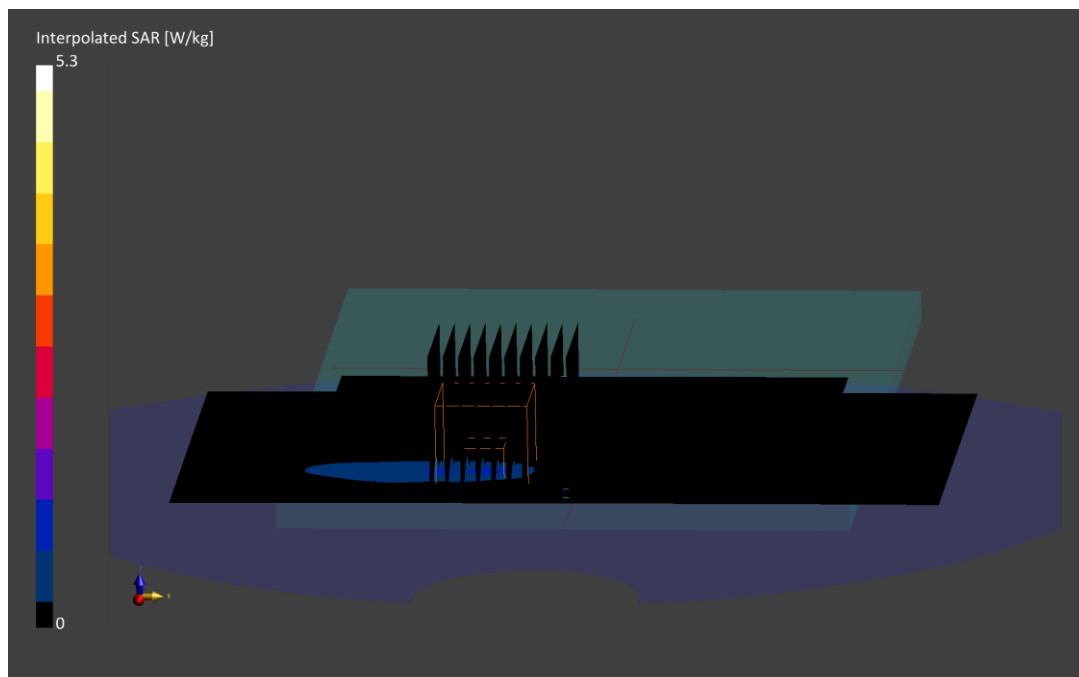
Area Scan (180.0 x 240.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 0.86 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.30 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.305 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: N14X7HKHFY

Communication System: UID 10770 - AAD, 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);

Frequency: 836.5 MHz;

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.5$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 53.729$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/12/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF(10.22, 10.22, 10.22) @ 836.5 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/11/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: NR Band n5, Antenna 2, Body SAR, Back Side, 20 MHz Bandwidth,
CP-OFDM, QPSK, Ch. 167300, 1 RB, 1 RB Offset**

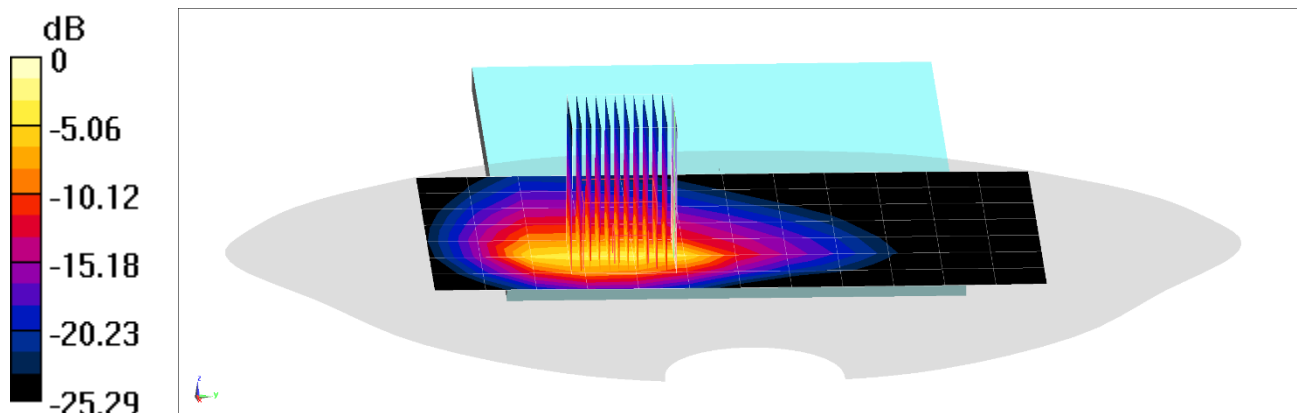
Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (12x12x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 26.38 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 8.05 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.329 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: YDHKFG44JX

Communication System: UID 10773 - AAD, 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;

Medium: 1750 Body; Medium parameters used:

$f = 1745$ MHz; $\sigma = 1.497$ S/m; $\epsilon_r = 51.928$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/16/2021; Ambient Temp: 24.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7640; ConvF(9.5, 9.5, 9.5) @ 1745 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n66, Antenna 4, Body SAR, Top Edge, 40 MHz Bandwidth, CP-OFDM, QPSK, Ch. 349000, 1 RB, 1 RB Offset

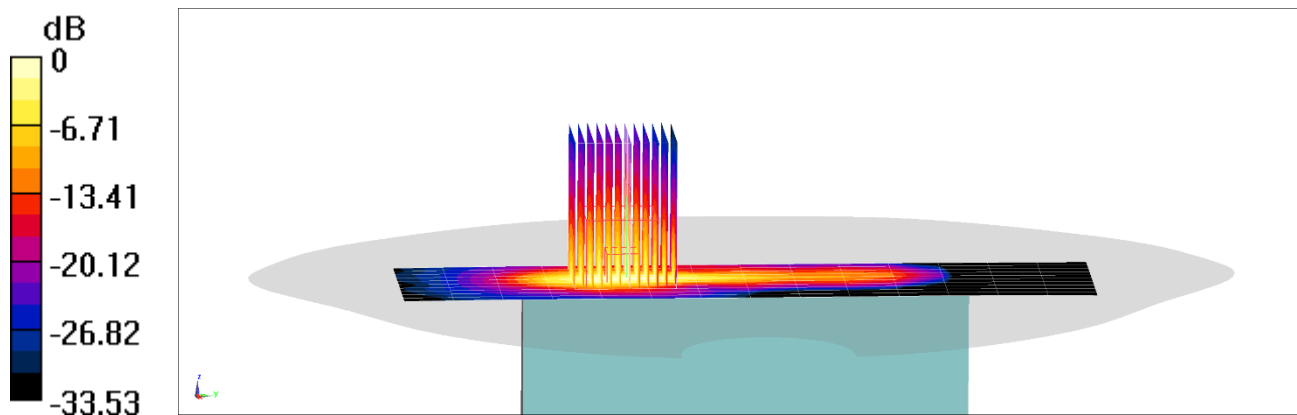
Area Scan (11x15x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (12x12x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm

Reference Value = 25.62 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.36 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.334 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D6WL24FM99

Communication System: UID 10934 - AAB, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz);

Frequency: 1882.5 MHz;

Medium: 1900 Body; Medium parameters used (interpolated):

$f = 1882.5$ MHz; $\sigma = 1.564$ S/m; $\epsilon_r = 52.491$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/11/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7640; ConvF(9.06, 9.06, 9.06) @ 1882.5 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: NR Band n25, Antenna 4, Body SAR, Left Edge, 40 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 376500, 1 RB, 1 RB Offset**

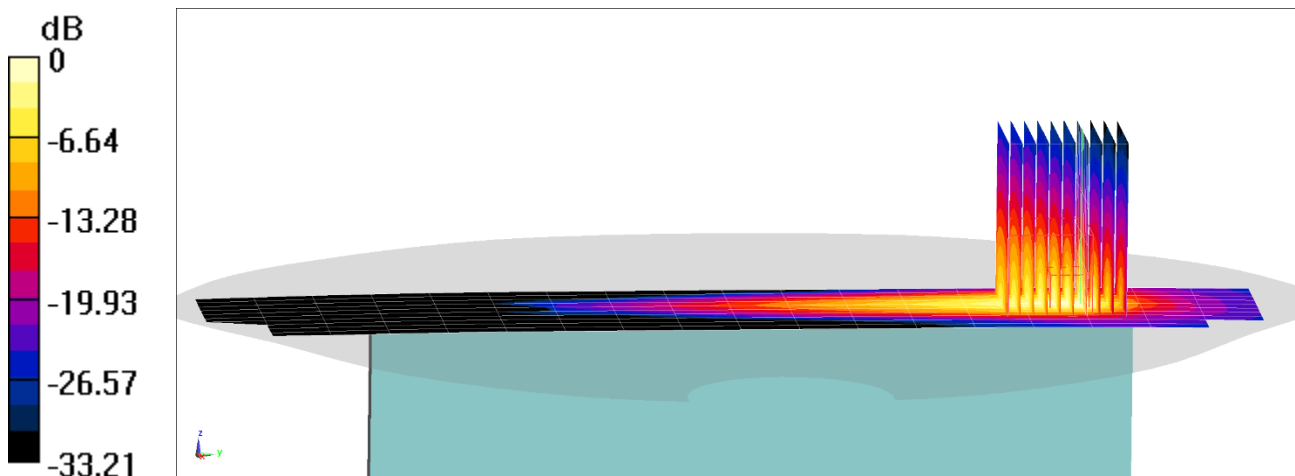
Area Scan (11x19x1): Measurement grid: dx=5mm, dy=15mm

Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=3.4mm, dy=3.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 24.61 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.54 W/kg

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.325 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: MHFY65WKTX

Communication System: UID:10929 - AAB, 5G NR FR1 FDD; MAIA: Y; Frequency: 2310.0 MHz

Medium: 2300 Body; Medium parameters used:

f = 2310.0 MHz; cond = 1.84 S/m; perm = 52.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07-05-2021; Ambient Temp: 21.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3837; ConvF:(7.55,7.55,7.55); Calibrated: 2021-01-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn793; Calibrated: 2021-01-13

Phantom: Main; Serial: 1736

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n30, Antenna 4, Body SAR, Back side, 10 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 462000, 1 RB, 26 RB Offset**

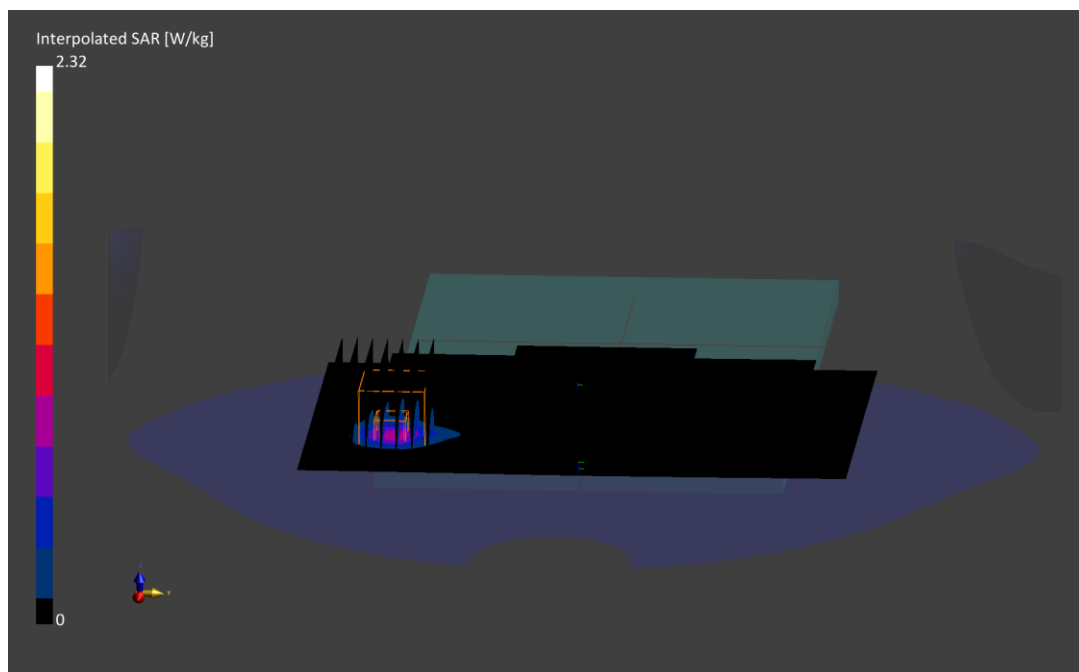
Area Scan (180.0 x 240.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 1.03 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.307 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: D57Y7GFJ93

Communication System: UID 10942 - AAB, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz);

Frequency: 2535 MHz;

Medium: 2450-2600 Body; Medium parameters used:

$f = 2535$ MHz; $\sigma = 2.099$ S/m; $\epsilon_r = 51.53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/09/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3949; ConvF(7.59, 7.59, 7.59) @ 2535 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: NR Band n7, Antenna 4, Body SAR, Back Side, 40 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 507000, 108 RB, 0 RB Offset**

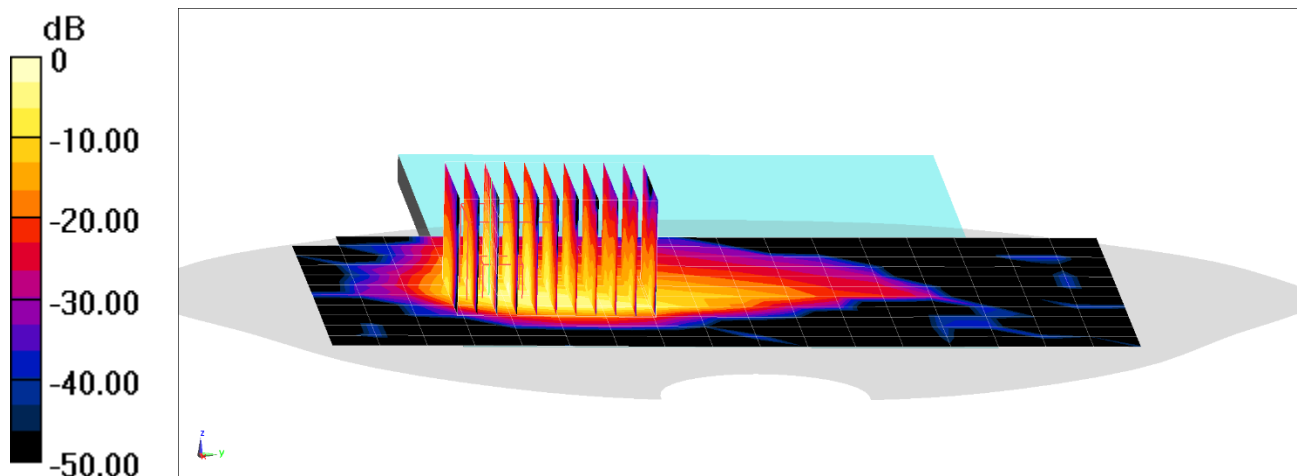
Area Scan (12x18x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (10x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.85 V/m; Power Drift = 0.00

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.306 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: N14X7HKHFY

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

Frequency: 2592.99 MHz;

Medium: 2450-2600 Body; Medium parameters used (interpolated):

$f = 2592.99$ MHz; $\sigma = 2.157$ S/m; $\epsilon_r = 51.389$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2592.99 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: NR Band n41 PC2, Antenna 4, Body SAR, Back Side, 100 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 518598, 1 RB, 137 RB Offset**

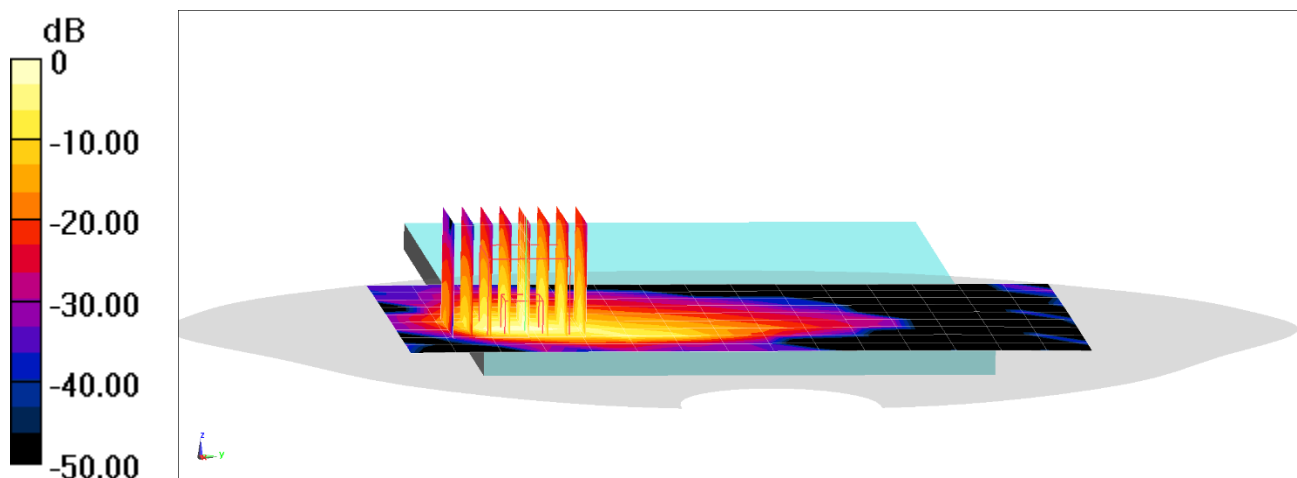
Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.31 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.296 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: T3Y6XQC446

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 3500.0 MHz

Medium: 3500-3700 Body; Medium parameters used:

$f = 3500.0$ MHz; $\text{cond} = 3.22$ S/m; $\text{perm} = 51.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/12/2021; Ambient Temp: 21.2°C; Tissue Temp: 19.8°C.

Probe: EX3DV4 - SN7639; ConvF:(6.92,6.92,6.92); Calibrated: 2021-03-03

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1646; Calibrated: 2021-01-11

Phantom: Twin-SAM V8.0; Serial: 2029

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: NR Band n77 (DoD) PC2, Antenna 2, Body SAR, Back side, 100 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 633334, 135 RB, 69 RB Offset**

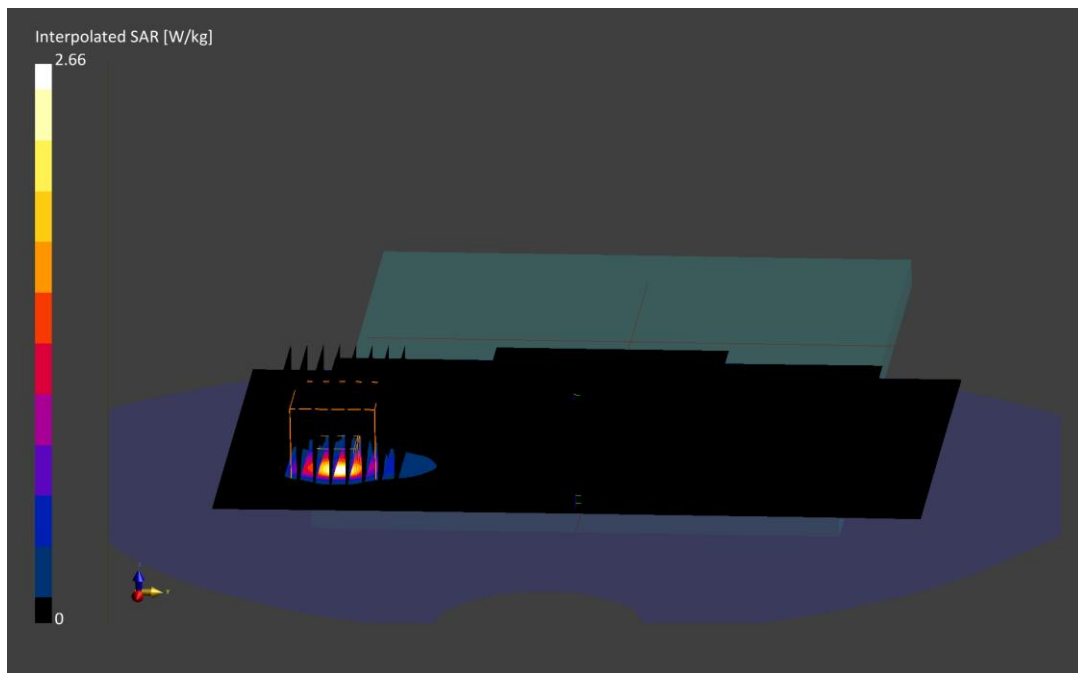
Area Scan (180.0 x 240.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: $dx=4.14$ mm, $dy=4.14$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Reference Value = 1.16 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.236 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: FPJF4R9KDC

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz);

Frequency: 3750 MHz;

Medium: 3500-3900 Body; Medium parameters used:

$f = 3750 \text{ MHz}$; $\sigma = 3.588 \text{ S/m}$; $\epsilon_r = 50.606$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 07/13/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7490; ConvF(6.56, 6.56, 6.56) @ 3750 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: NR Band n77 C PC2, Antenna 1a, Body SAR, Left Edge, 100 MHz Bandwidth,
DFT-s-OFDM, QPSK, Ch. 650000, 270 RB, 0 RB Offset**

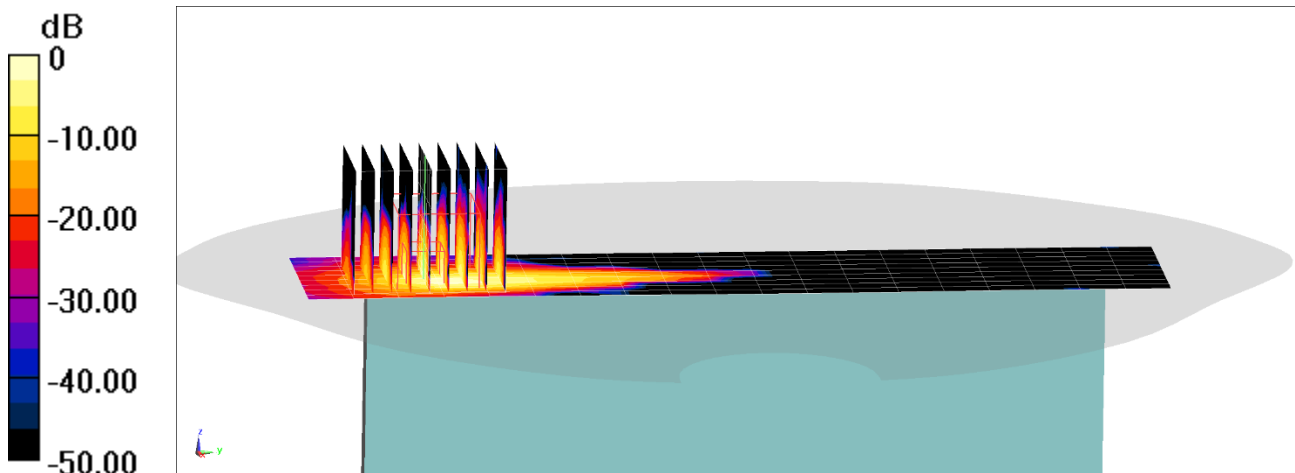
Area Scan (10x20x1): Measurement grid: dx=5mm, dy=12mm

Zoom Scan (7x9x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 14.67 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.194 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: DM62X4GW6P

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2462.0 MHz; cond = 2.04 S/m; perm = 52.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/06/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7532; ConvF:(7.64,7.64,7.64); Calibrated: 2021-04-19

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: cDASY6 Module SAR V6.14.0.959

**Mode: IEEE 802.11b, Antenna 1a, Variant 1, 22 MHz Bandwidth,
Body SAR, Ch 11, 1 Mbps, Left Edge**

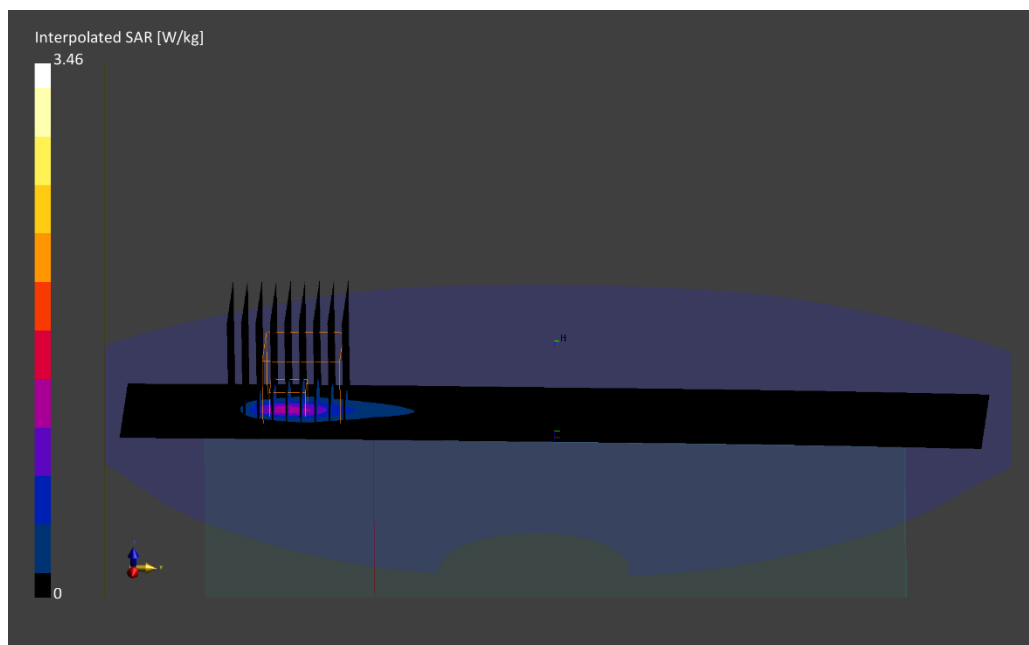
Area Scan (40.0 x 240.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 1.47 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.314 W/kg



PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: TK72MLH4WF

Communication System: UID 10544 - AAC, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle);

Frequency: 5775 MHz;

Medium: 5200-5800 Body; Medium parameters used:

$f = 5775 \text{ MHz}$; $\sigma = 6.107 \text{ S/m}$; $\epsilon_r = 46.885$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 06/23/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF(4.32, 4.32, 4.32) @ 5775 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: IEEE 802.11ac, Antenna 5T, Variant 2, U-NII-3, 80 MHz Bandwidth,
Body SAR, Ch 155, 29.3 Mbps, Right Edge**

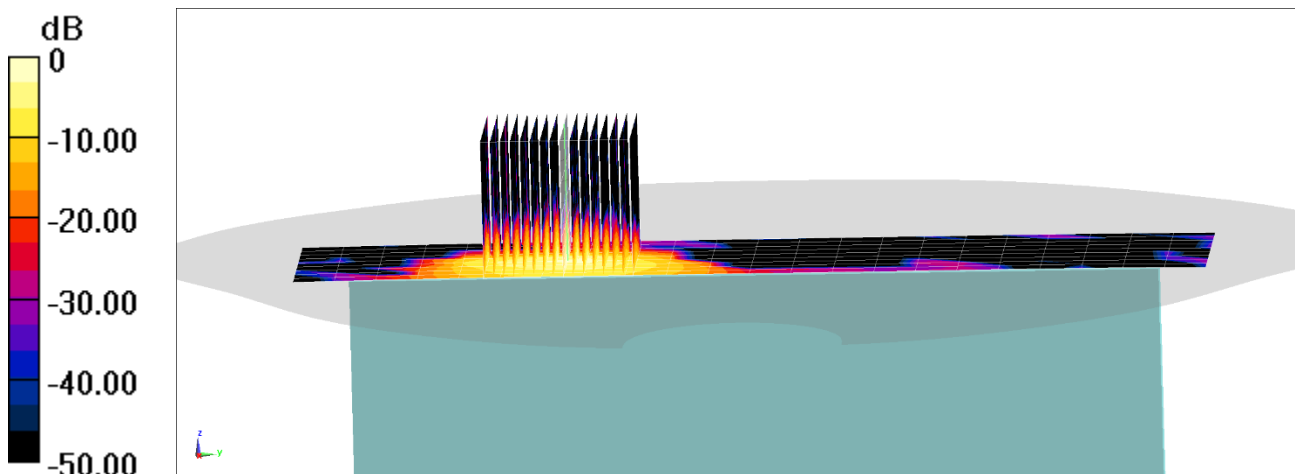
Area Scan (10x23x1): Measurement grid: dx=5mm, dy=10mm

Zoom Scan (16x16x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4

Reference Value = 12.49 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 6.70 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.265 W/kg



0 dB = 3.26 W/kg = 5.13 dBW/kg

PCTEST

DUT: BCGA2568; Type: Tablet Device; Serial: J4H3Q05YGN

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2480.0 MHz
Medium: 2450 Body; Medium parameters used:
f = 2480.0 MHz; cond = 2.02 S/m; perm = 51.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/29/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7532; ConvF:(7.64,7.64,7.64); Calibrated: 2021-04-19
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn501; Calibrated: 2021-04-13
Phantom: Twin-SAM V4.0; Serial: 1275
Measurement SW: cDASY6 Module SAR V6.14.0.959

Mode: Bluetooth, Antenna 3a, Variant 2, Body SAR, Ch.78, 1 Mbps, Right Edge

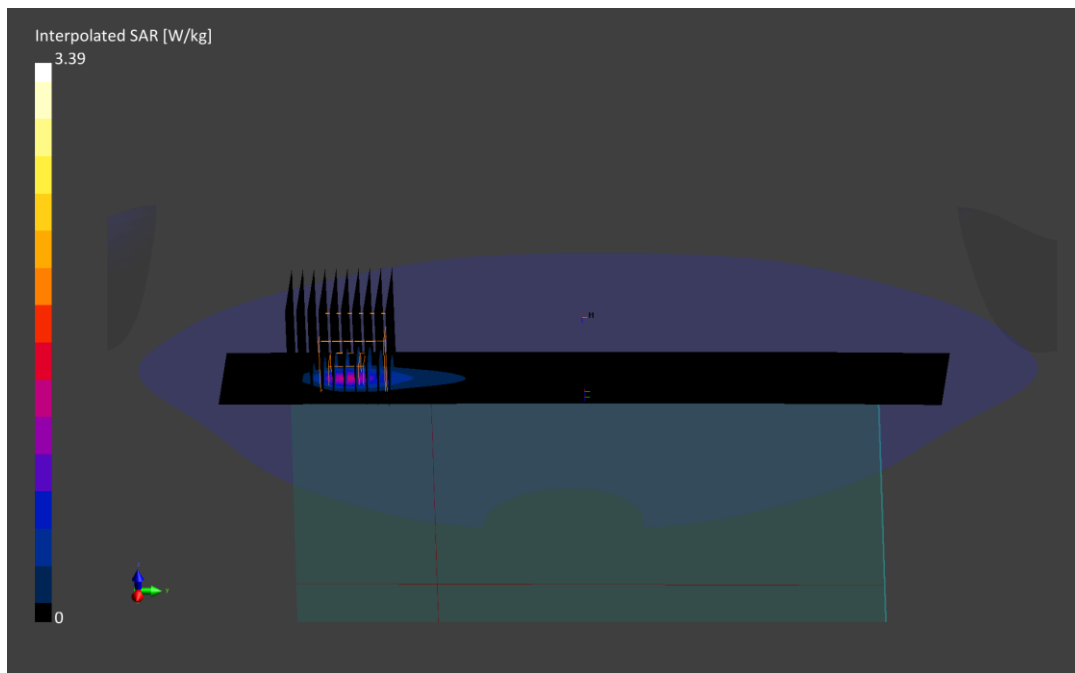
Area Scan (40.0 x 240.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=3.7 mm, dy=3.7 mm, dz=1.4 mm; Graded Ratio: 1.4

Reference Value = 1.32 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.311 W/kg



APPENDIX B: SYSTEM VERIFICATION

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1097

Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1

Medium: 750 Body; Medium parameters used:

$f = 750 \text{ MHz}$; $\sigma = 0.937 \text{ S/m}$; $\epsilon_r = 56.228$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/06/2021; Ambient Temp: 21.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7638; ConvF(10.82, 10.82, 10.82) @ 750 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

750 MHz System Verification at 23.0 dBm (200 mW)

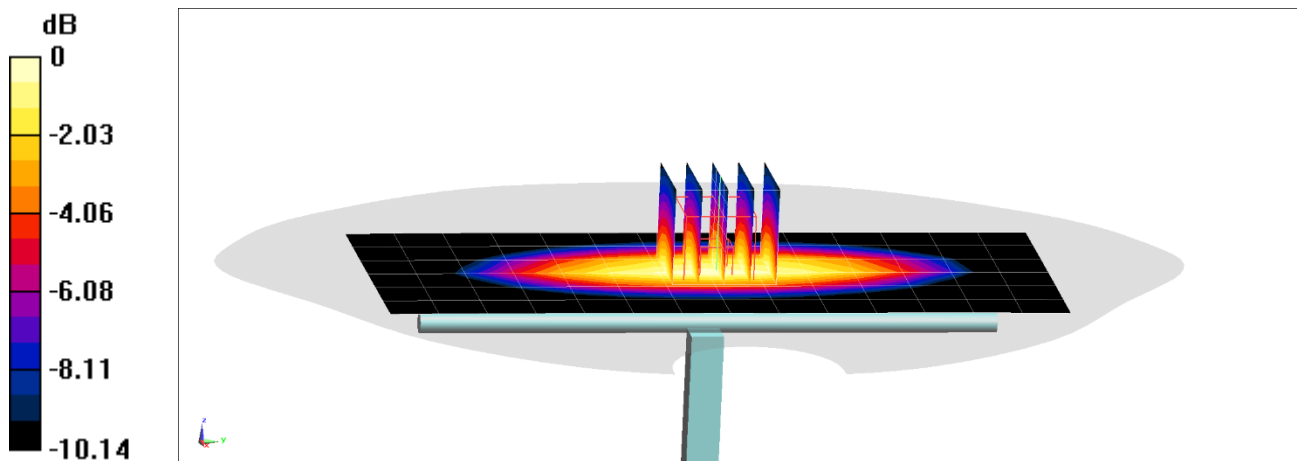
Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.14 W/kg

Deviation(1 g) = 2.26%



0 dB = 2.32 W/kg = 3.65 dBW/kg

PCTEST

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz

Medium: 750 Body; Medium parameters used:

f = 750.0 MHz; Cond = 0.96 S/m; perm = 53.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 1.5 cm

Test Date: 07/09/2021; Ambient Temp: 22.1°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn701; Calibrated: 2021-05-11

Phantom: Twin-SAM V4.0; Serial: 1357

Measurement SW: cDASY6 Module SAR V6.14.0.959

750.0 MHz System Verification at 23.0 dBm

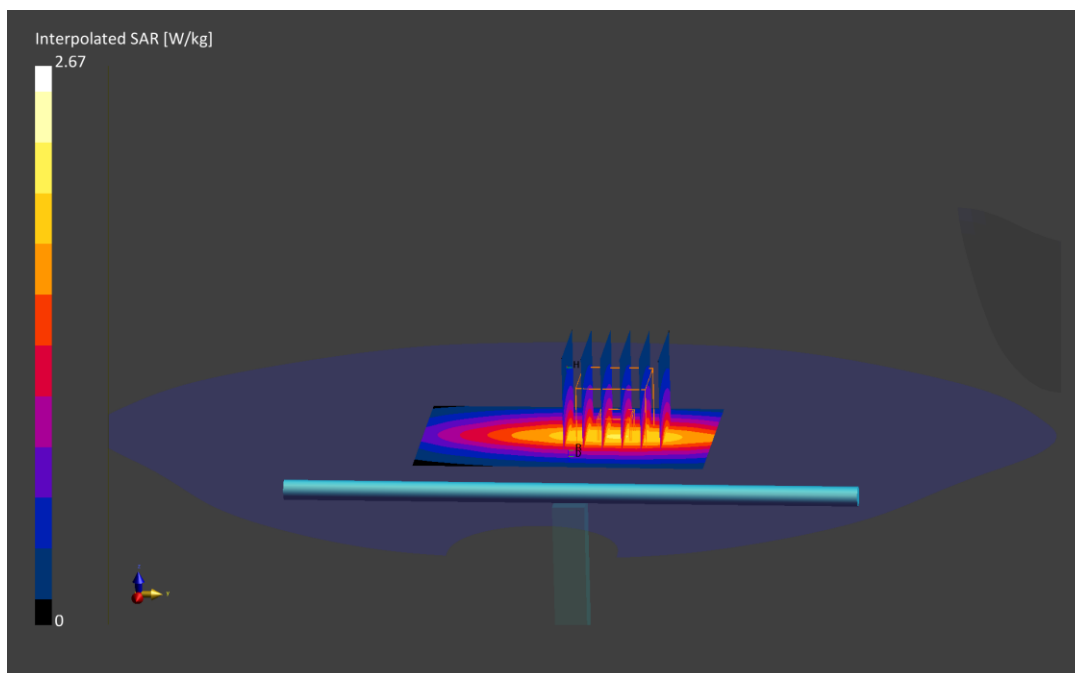
Area Scan (60.0 x 90.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.67 W/kg

SAR (1 g) = 1.75 W/kg; SAR (10 g) = 1.16 W/kg

Deviation (1 g) = 4.04%



PCTEST

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Body; Medium parameters used:
f = 750.0 MHz; cond = 0.95 S/m; perm = 56.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.5 cm

Test Date: 07/09/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7638; ConvF:(10.82,10.82,10.82); Calibrated: 2021-03-03
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1644; Calibrated: 2021-01-11
Phantom: Twin-SAM V8.0; Serial: 2027
Measurement SW: cDASY6 Module SAR V6.14.0.959

750.0 MHz System Verification at 23.0 dBm

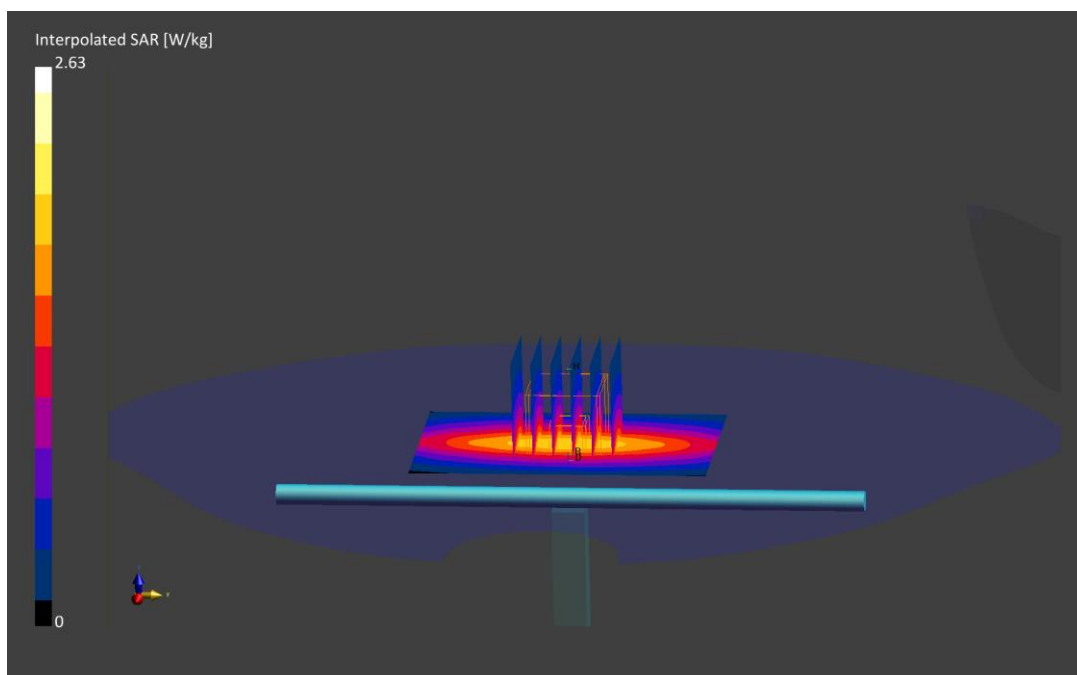
Area Scan (60.0 x 90.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 1.68 W/kg; SAR(10 g) = 1.12 W/kg

Deviation (1 g) = -0.12%



PCTEST

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Body; Medium parameters used:
f = 750.0 MHz; cond = 0.97 S/m; perm = 53.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.5 cm

Test Date: 07/11/2021; Ambient Temp: 20.3°C; Tissue Temp: 18.9°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2021-05-11
Phantom: Twin-SAM V4.0; Serial: 1357
Measurement SW: cDASY6 Module SAR V6.14.0.959

750.0 MHz System Verification at 23.0 dBm

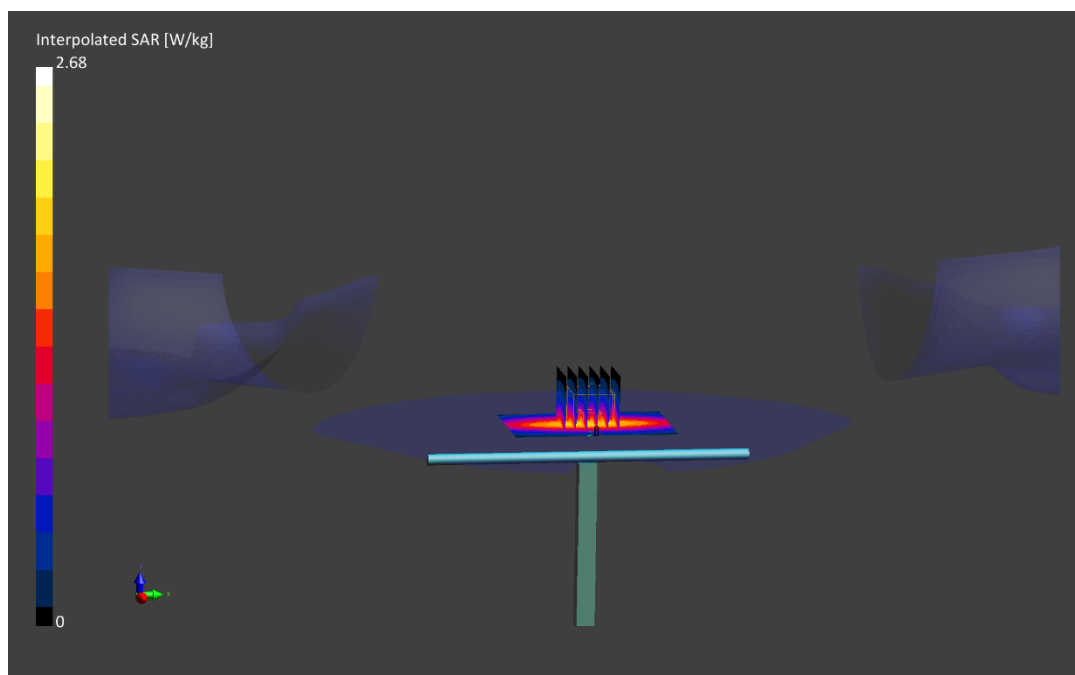
Area Scan (60.0 x 90.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.14 W/kg

Deviation (1 g) = 2.85%



PCTEST

DUT: Dipole 750.0 MHz; Type: D750V3 - SN1097

Communication System: UID: 0, CW; Frequency: 750.0 MHz
Medium: 750 Body; Medium parameters used:
f = 750.0 MHz; cond = 0.98 S/m; perm = 53.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.5 cm

Test Date: 08/03/2021; Ambient Temp:21.9°C; Tissue Temp: 19.2°C

Probe: EX3DV4 - SN7416; ConvF:(9.89,9.89,9.89); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn701; Calibrated: 2021-05-11
Phantom: Twin-SAM V4.0; Serial: 1357
Measurement SW: cDASY6 Module SAR V6.14.0.959

750.0 MHz System Verification at 23.0 dBm

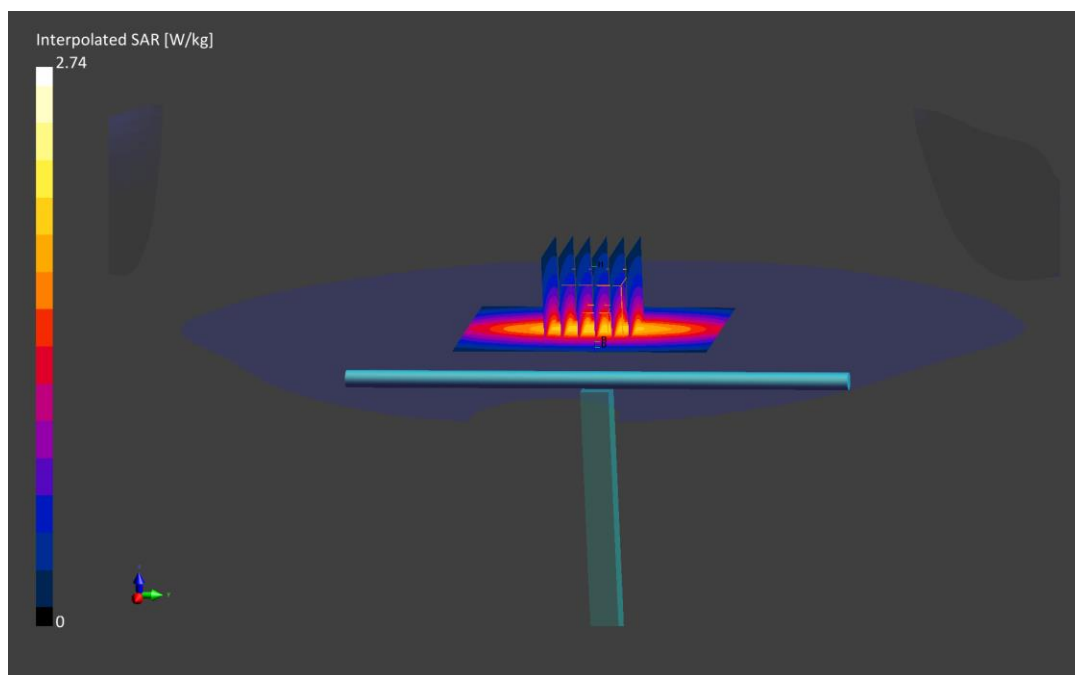
Area Scan (60.0 x 90.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = 5.23%



PCTEST

DUT: Dipole 850 MHz; Type: D850V2; Serial: 1010

Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used:

$f = 850 \text{ MHz}$; $\sigma = 1.015 \text{ S/m}$; $\epsilon_r = 53.339$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/04/2021; Ambient Temp: 21.0°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7421; ConvF (9.52, 9.52, 9.52) @ 850 MHz; Calibrated: 3/17/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn604; Calibrated: 3/10/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

850 MHz System Verification at 23.0 dBm (200 mW)

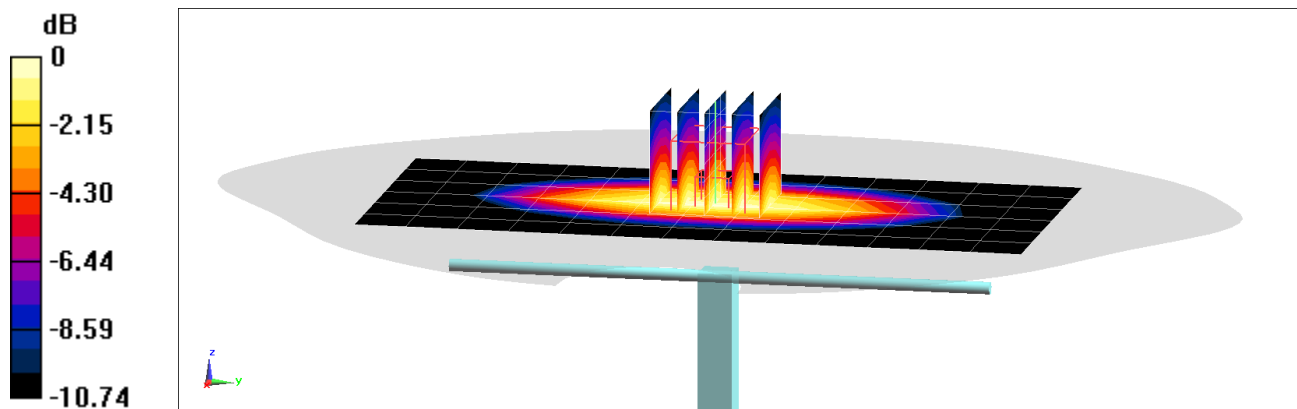
Area Scan (7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Peak SAR (extrapolated) = 3.24 W/kg

SAR (1 g) = 2.13 W/kg; SAR (10 g) = 1.39 W/kg

Deviation(1 g) = 6.82%



0 dB = 2.87 W/kg = 4.58 dBW/kg

PCTEST

DUT: Dipole 850 MHz; Type: D850V2; Serial: 1010

Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used:

$f = 850 \text{ MHz}$; $\sigma = 1.01 \text{ S/m}$; $\epsilon_r = 53.598$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/12/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7490; ConvF(10.22, 10.22, 10.22) @ 850 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/11/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

850 MHz System Verification at 23.0 dBm (200 mW)

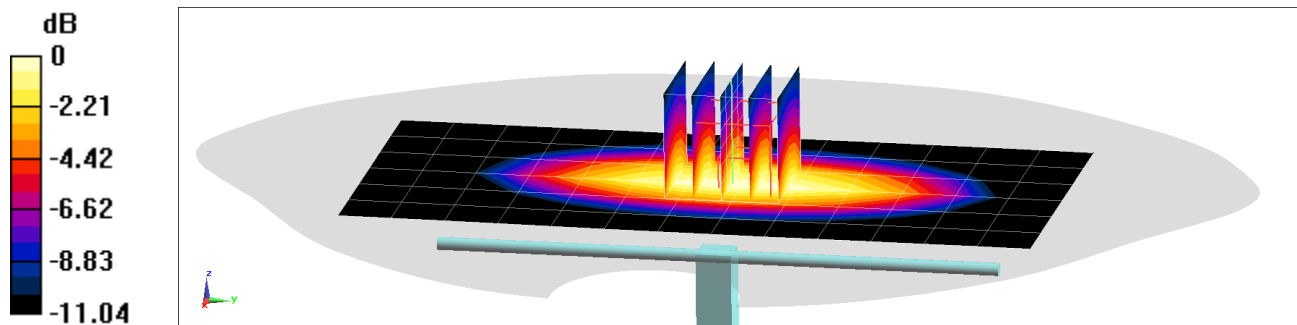
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.37 W/kg

Deviation(1 g) = 5.82%



0 dB = 2.88 W/kg = 4.59 dBW/kg

PCTEST

DUT: Dipole 850 MHz; Type: D850V2; Serial: 1010

Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used:

$f = 850 \text{ MHz}$; $\sigma = 1.016 \text{ S/m}$; $\epsilon_r = 52.414$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/14/2021; Ambient Temp: 21.2°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3949; ConvF(10.26, 10.26, 10.26) @ 850 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn728; Calibrated: 5/11/2021

Phantom: Twin-SAM V8.0, Right; Type: QD 000 P41 AA; Serial: 1944

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

850 MHz System Verification at 23.0 dBm (200 mW)

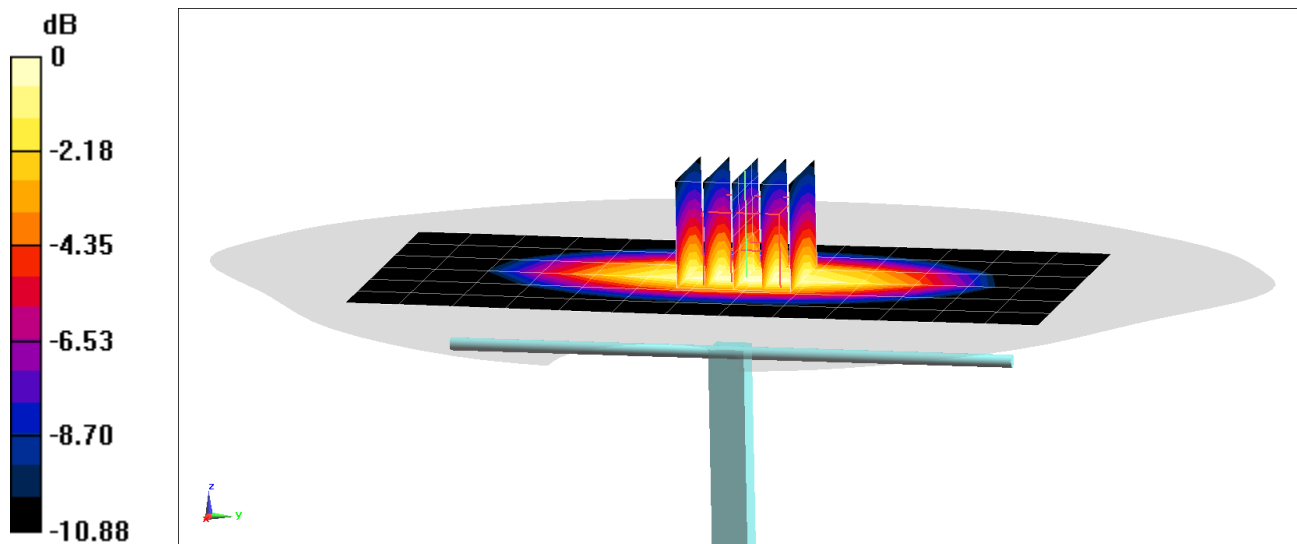
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.32 W/kg

Deviation(1 g) = 1.81%



0 dB = 2.79 W/kg = 4.46 dBW/kg

PCTEST

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d040

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used:

$f = 835 \text{ MHz}$; $\sigma = 0.984 \text{ S/m}$; $\epsilon_r = 53.788$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.5 cm

Test Date: 07/21/2021; Ambient Temp: 20.8°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN3949; ConvF(10.26, 10.26, 10.26) @ 835 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

835 MHz System Verification at 23.0 dBm (200 mW)

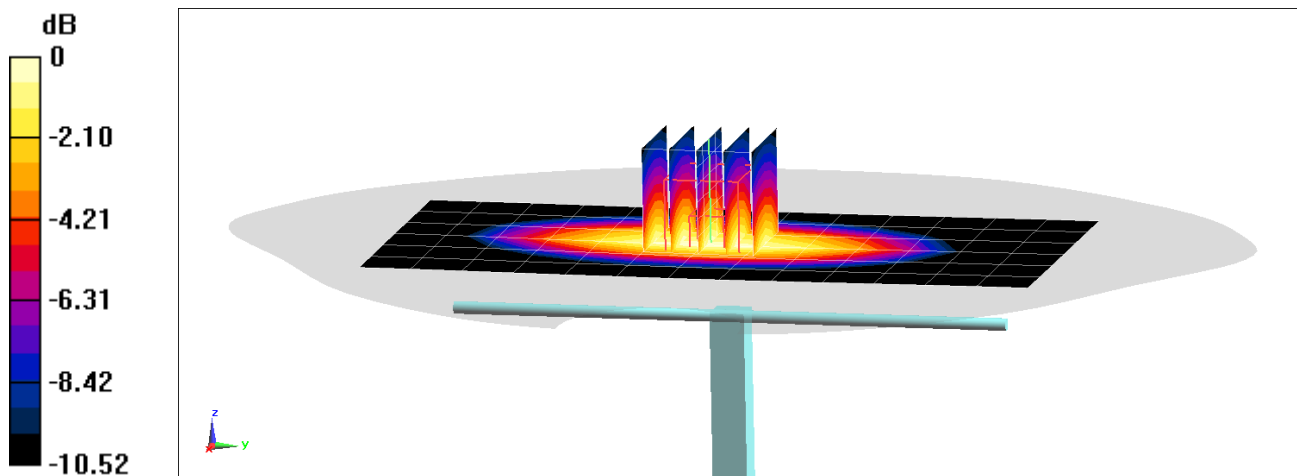
Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 1.81 W/kg; SAR(10 g) = 1.19 W/kg

Deviation(1 g) = -5.04%



0 dB = 2.43 W/kg = 3.86 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1083

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1750 \text{ MHz}$; $\sigma = 1.492 \text{ S/m}$; $\epsilon_r = 53.135$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/13/2021; Ambient Temp: 23.3°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF(9.5, 9.5, 9.5) @ 1750 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

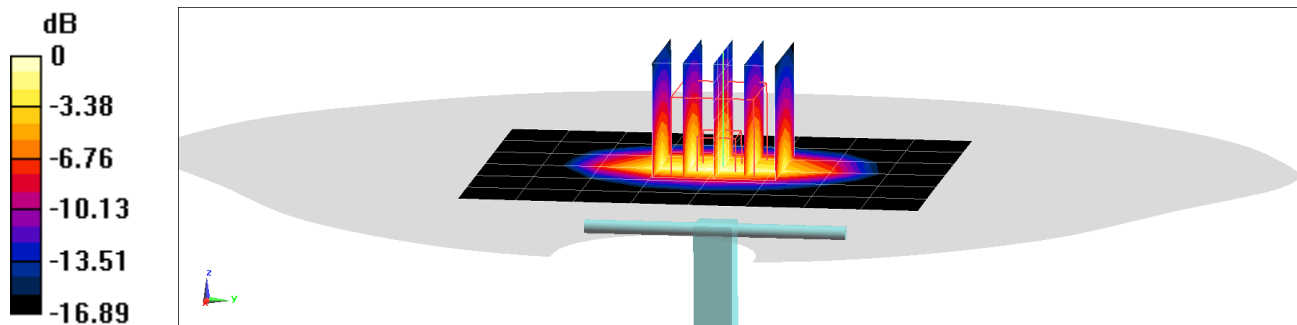
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 6.88 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 2.05 W/kg

Deviation(1 g) = 4.04%



0 dB = 5.85 W/kg = 7.67 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1083

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: 1750 Body; Medium parameters used:

$f = 1750 \text{ MHz}$; $\sigma = 1.5 \text{ S/m}$; $\epsilon_r = 51.923$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/16/2021; Ambient Temp: 24.0°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7640; ConvF(9.5, 9.5, 9.5) @ 1750 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1750 MHz System Verification at 20.0 dBm (100 mW)

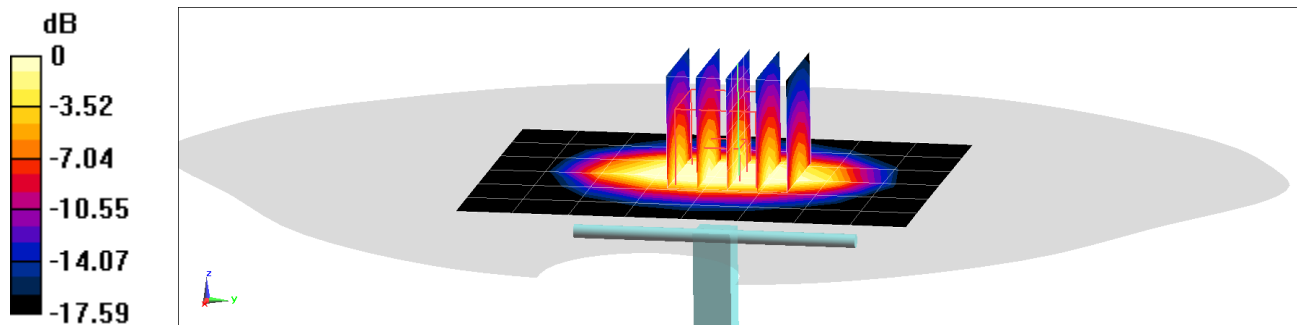
Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 7.06 W/kg

SAR(1 g) = 3.92 W/kg; SAR(10 g) = 2.08 W/kg

Deviation(1 g) = 5.66%



0 dB = 5.88 W/kg = 7.69 dBW/kg

PCTEST

DUT: Dipole 1750.0 MHz; Type: D1750V2 - SN1104

Communication System: UID: 0, CW; Frequency: 1750.0 MHz
Medium: 1750 Body; Medium parameters used:
f = 1750.0 MHz; cond = 1.47 S/m; perm = 51.9; density = 1000 kg/m3
Phantom Section: Flat; Space: 10 mm

Test Date: 08/23/2021; Ambient Temp: 21.0°C; Tissue Temp: 21.30°C

Probe: EX3DV4 - SN7639; ConvF:(9.3,9.3,9.3); Calibrated: 2021-03-03
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2021-01-11
Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2029
Measurement SW: cDASY6 Module SAR V6.14.0.959

1750.0 MHz System Verification at 20.0 dBm

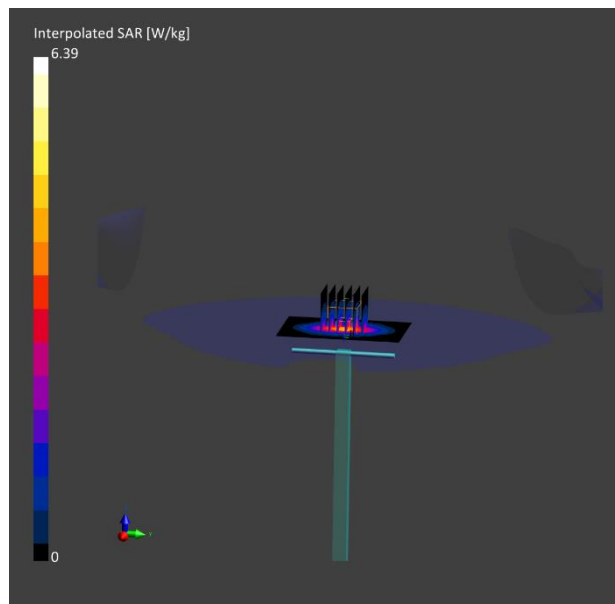
Area Scan (60.0 x 90.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.86 W/kg

Deviation (1 g) = -4.13%



PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d030

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1900 \text{ MHz}$; $\sigma = 1.587 \text{ S/m}$; $\epsilon_r = 53.16$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/30/2021; Ambient Temp: 22.9°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7640; ConvF(9.06, 9.06, 9.06) @ 1900 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

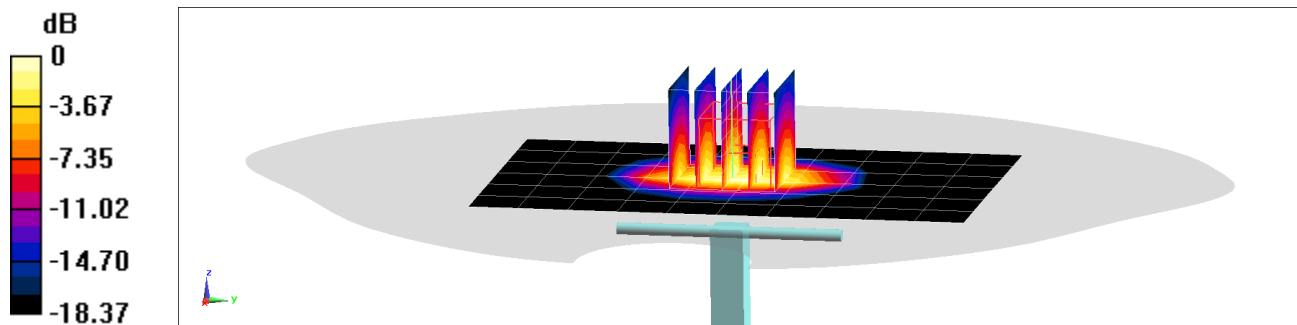
Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Peak SAR (extrapolated) = 7.56 W/kg

SAR(1 g) = 4.12 W/kg; SAR(10 g) = 2.13 W/kg

Deviation(1 g) = 3.26%



0 dB = 6.26 W/kg = 7.97 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d030

Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1900 \text{ MHz}$; $\sigma = 1.575 \text{ S/m}$; $\epsilon_r = 52.474$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/11/2021; Ambient Temp: 23.1°C; Tissue Temp: 23.0°C

Probe: EX3DV4 - SN7640; ConvF(9.06, 9.06, 9.06) @ 1900 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1645; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2034

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

1900 MHz System Verification at 20.0 dBm (100 mW)

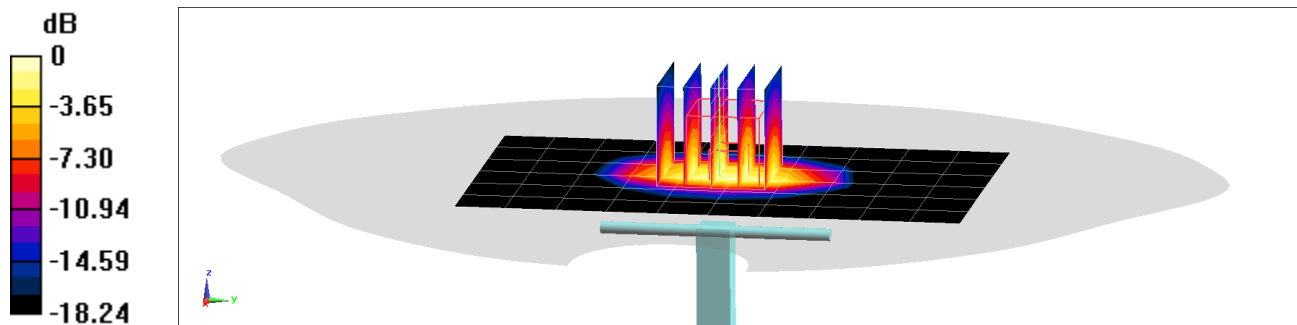
Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Peak SAR (extrapolated) = 7.85 W/kg

SAR(1 g) = 4.3 W/kg; SAR(10 g) = 2.22 W/kg

Deviation(1 g) = 7.77%



0 dB = 6.54 W/kg = 8.16 dBW/kg

PCTEST

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.0 MHz

Medium: 2300 Body; Medium parameters used:

f = 2300.0 MHz; cond = 1.83 S/m; perm = 52.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 1.0 cm

Test Date: 07-05-2021; Ambient Temp: 21.1°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN3837; ConvF:(7.55,7.55,7.55); Calibrated: 2021-01-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn793; Calibrated: 2021-01-13

Phantom: Main; Serial: 1736

Measurement SW: cDASY6 Module SAR V6.14.0.959

2300.0 MHz System Verification at 20.0 dBm

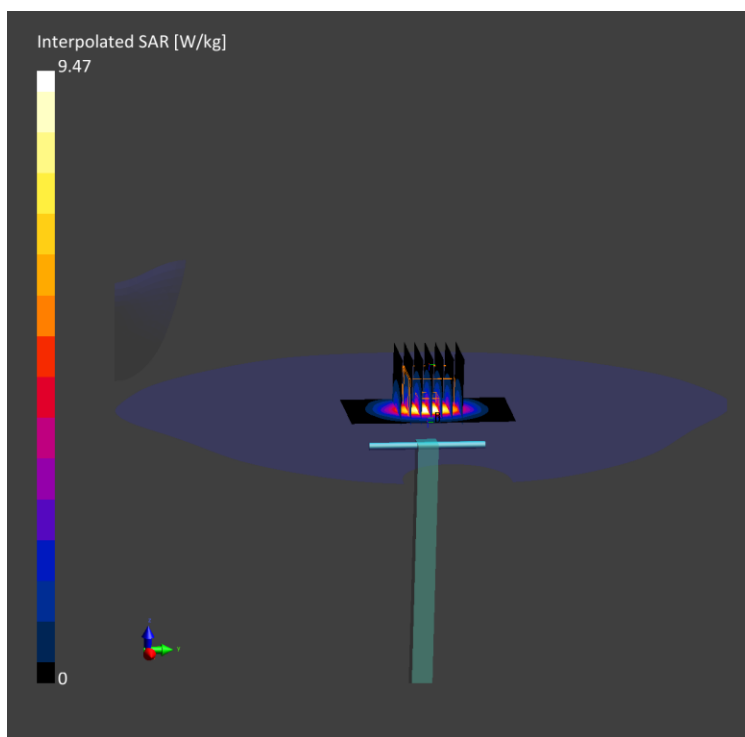
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.47 W/kg

SAR(1 g) = 4.74 W/kg; SAR(10 g) = 2.24 W/kg

Deviation (1 g) = -2.07%



PCTEST

DUT: Dipole 2300.0 MHz; Type: D2300V2 - SN1064

Communication System: UID: 0, CW; Frequency: 2300.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2300.0 MHz; cond = 1.85 S/m; perm = 51.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 1.0 cm

Test Date: 08/02/2021; Ambient Temp: 20.9°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7532; ConvF:(7.59,7.59,7.59); Calibrated: 2021-04-19

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: cDASY6 Module SAR V6.14.0.959

2300.0 MHz System Verification at 20.0 dBm

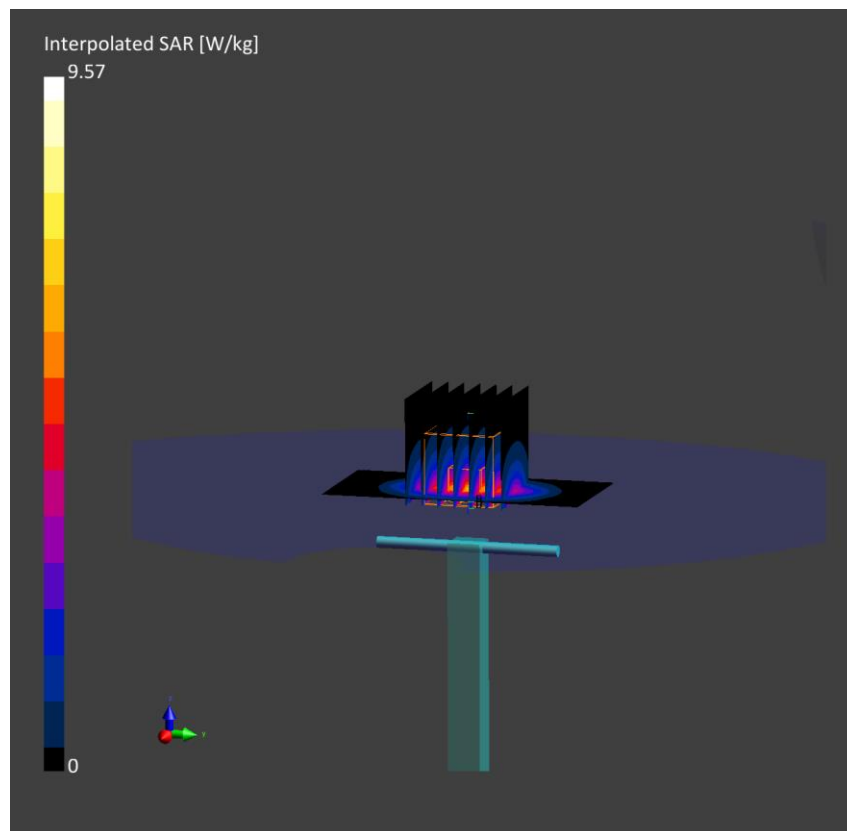
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.57 W/kg

SAR(1 g) = 4.83 W/kg; SAR(10 g) = 2.30 W/kg

Deviation (1 g) = -0.21%



PCTEST

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN750

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2450.0 MHz; cond = 2.03 S/m; perm = 52.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/06/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7532; ConvF:(7.64,7.64,7.64); Calibrated: 2021-04-19

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: cDASY6 Module SAR V6.14.0.959

2450.0 MHz System Verification at 20.0 dBm

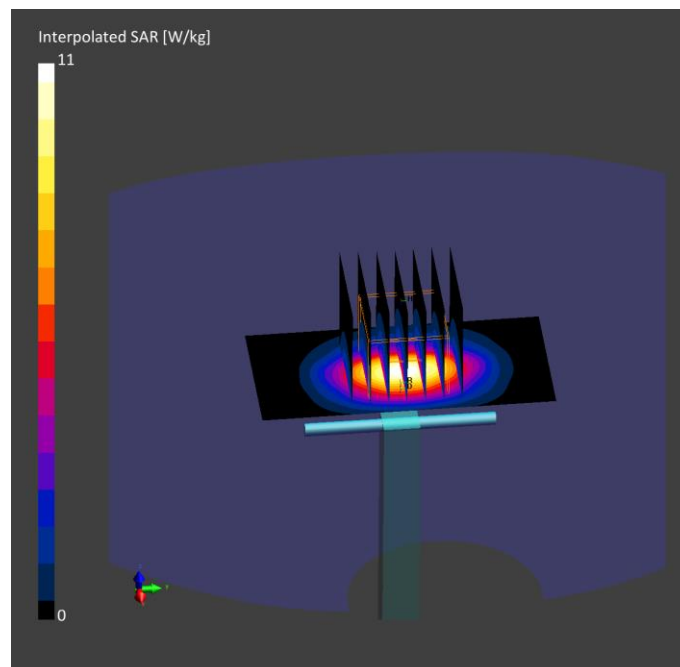
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.13 W/kg; SAR(10 g) = 2.37 W/kg

Deviation (1 g) = 0.59%



PCTEST

DUT: Dipole 2450.0 MHz; Type: D2450V2 - SN921

Communication System: UID: 0, CW; Frequency: 2450.0 MHz

Medium: 2450 Body; Medium parameters used:

f = 2450.0 MHz; cond = 1.99 S/m; perm = 51.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 1.0 cm

Test Date: 07/29/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN7532; ConvF:(7.64,7.64,7.64); Calibrated: 2021-04-19

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn501; Calibrated: 2021-04-13

Phantom: Twin-SAM V4.0; Serial: 1275

Measurement SW: cDASY6 Module SAR V6.14.0.959

2450.0 MHz System Verification at 20.0 dBm

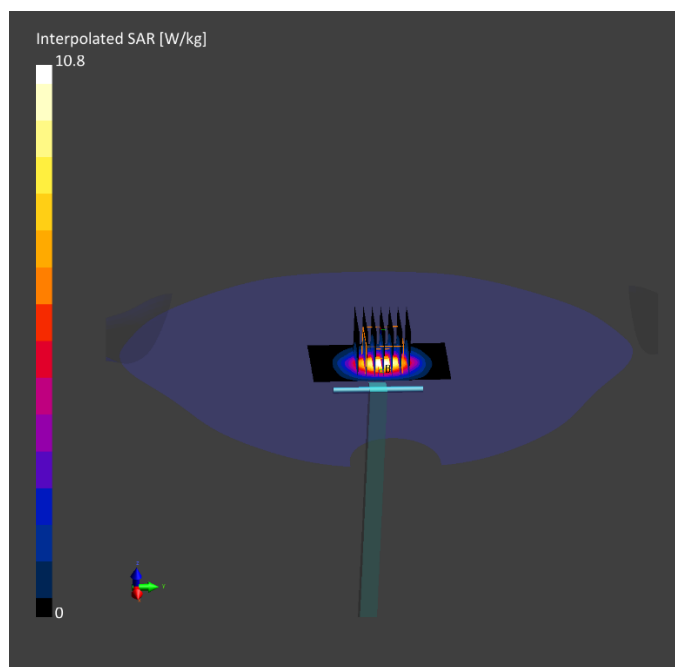
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.23 W/kg; SAR(10 g) = 2.44 W/kg

Deviation (1 g) = 2.95%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 750

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2450 \text{ MHz}$; $\sigma = 2.027 \text{ S/m}$; $\epsilon_r = 52.115$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/04/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7558; ConvF(7.64, 7.64, 7.64) @ 2450 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

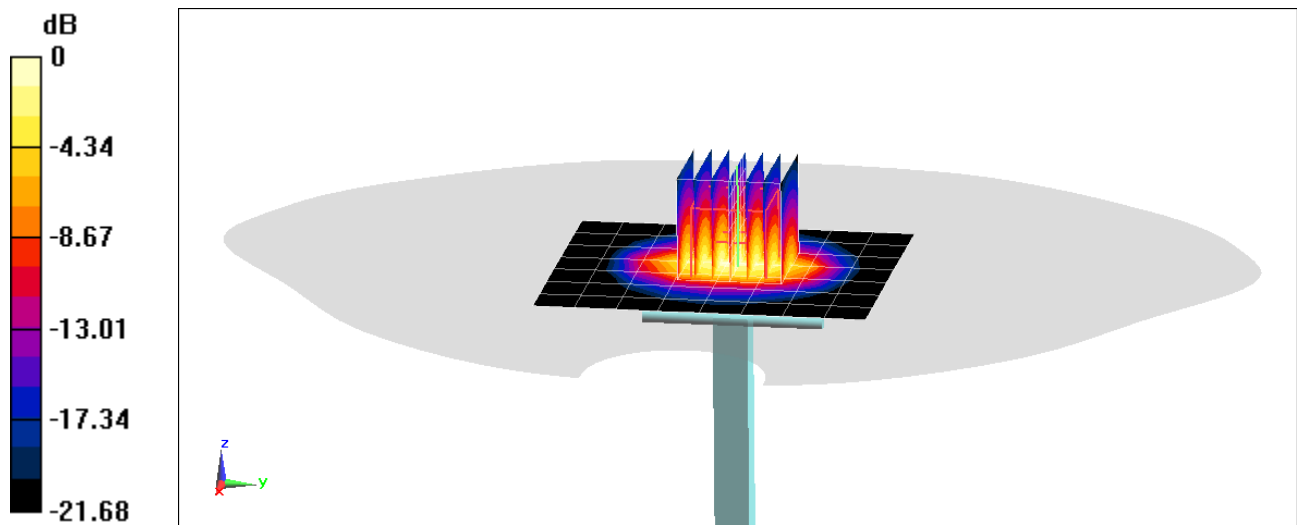
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.4 W/kg; SAR(10 g) = 2.5 W/kg

Deviation(1 g) = 5.88%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 750

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2450 \text{ MHz}$; $\sigma = 2.024 \text{ S/m}$; $\epsilon_r = 51.639$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7558; ConvF(7.64, 7.64, 7.64) @ 2450 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

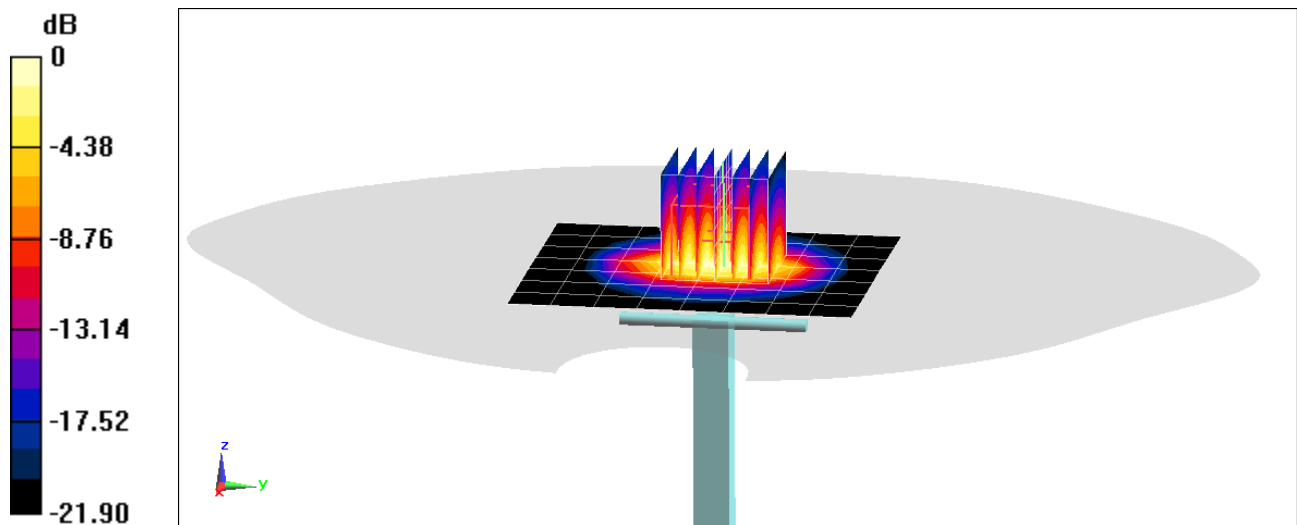
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 10.4 W/kg

SAR(1 g) = 5.1 W/kg; SAR(10 g) = 2.36 W/kg

Deviation(1 g) = 0.00%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 750

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

Medium: 2450-2600 Body; Medium parameters used:

$f = 2450 \text{ MHz}$; $\sigma = 1.986 \text{ S/m}$; $\epsilon_r = 51.842$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/09/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3949; ConvF(7.76, 7.76, 7.76) @ 2450 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

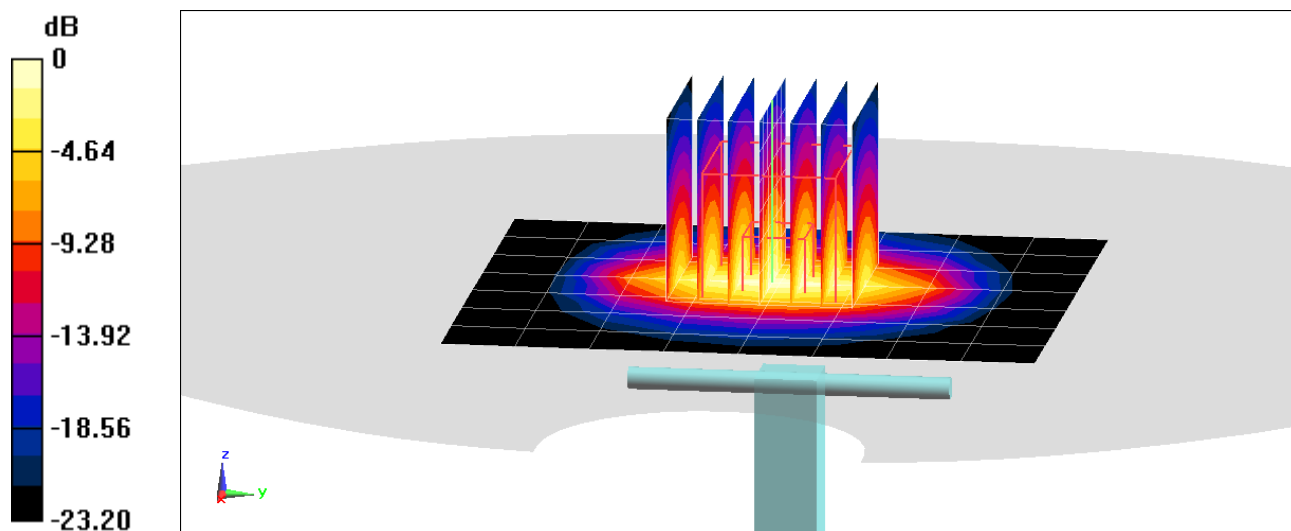
Area Scan (8x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 4.86 W/kg; SAR(10 g) = 2.19 W/kg

Deviation(1 g) = -4.71%



0 dB = 8.26 W/kg = 9.17 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 750

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2450 \text{ MHz}$; $\sigma = 2.034 \text{ S/m}$; $\epsilon_r = 52.496$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/14/2021; Ambient Temp: 22.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(7.64, 7.64, 7.64) @ 2450 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2450 MHz System Verification at 20.0 dBm (100 mW)

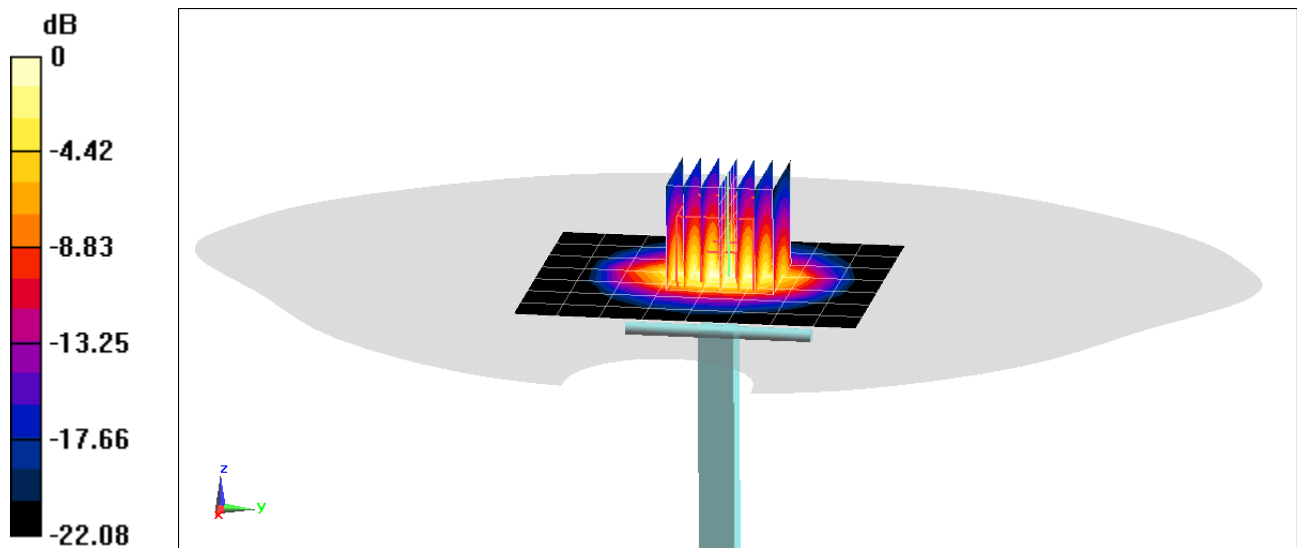
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 11.0 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.46 W/kg

Deviation(1 g) = 4.31%



PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1042

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2600$ MHz; $\sigma = 2.162$ S/m; $\epsilon_r = 51.864$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/04/2021; Ambient Temp: 22.5°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2600 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2600 MHz System Verification at 20.0 dBm (100 mW)

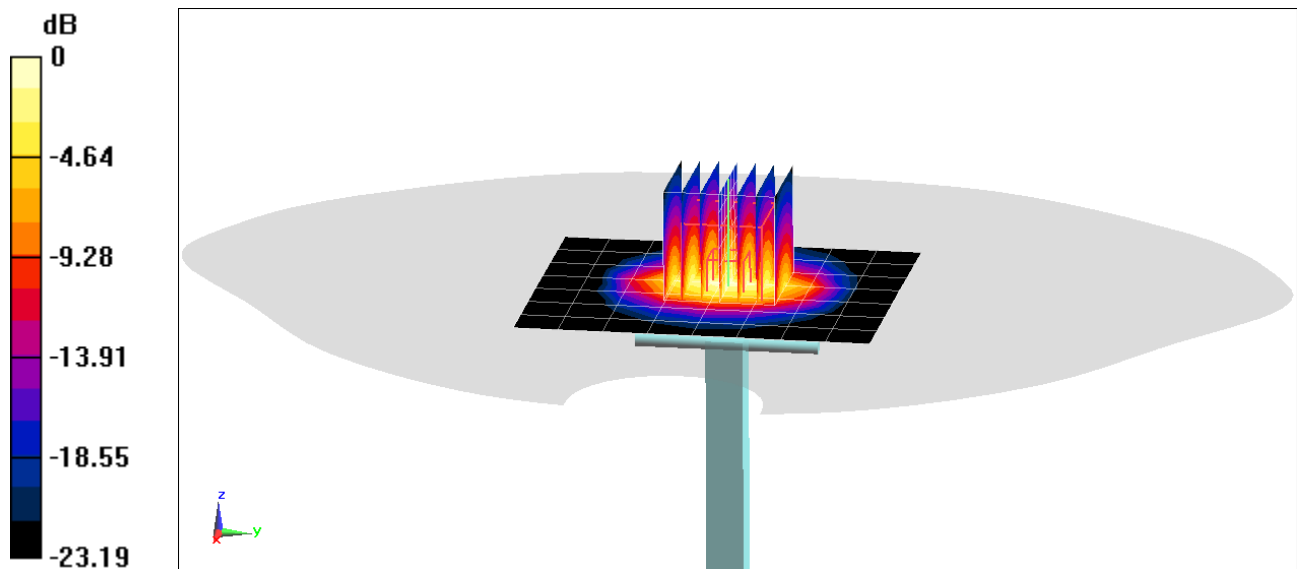
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 6.01 W/kg; SAR(10 g) = 2.66 W/kg

Deviation(1 g) = 8.88%



0 dB = 10.4 W/kg = 10.17 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1042

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2600$ MHz; $\sigma = 2.164$ S/m; $\epsilon_r = 51.377$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/06/2021; Ambient Temp: 22.3°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2600 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2600 MHz System Verification at 20.0 dBm (100 mW)

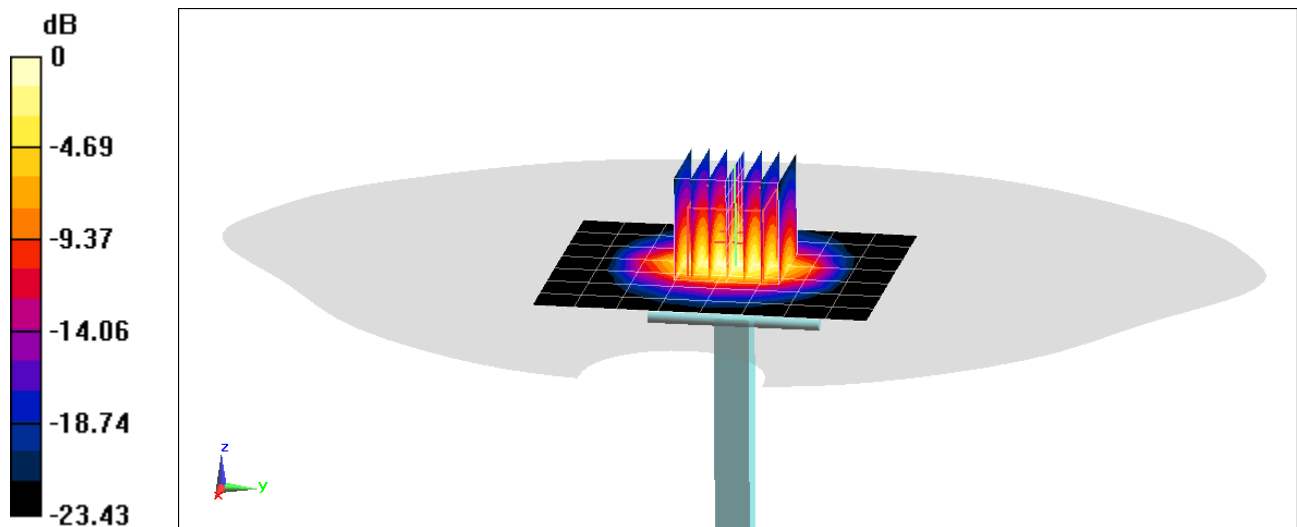
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.5 W/kg; SAR(10 g) = 2.45 W/kg

Deviation(1 g) = -0.36%



PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1042

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

Medium: 2450-2600 Body; Medium parameters used:

$f = 2600 \text{ MHz}$; $\sigma = 2.188 \text{ S/m}$; $\epsilon_r = 51.299$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/09/2021; Ambient Temp: 21.8°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN3949; ConvF(7.59, 7.59, 7.59) @ 2600 MHz; Calibrated: 8/19/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2600 MHz System Verification at 20.0 dBm (100 mW)

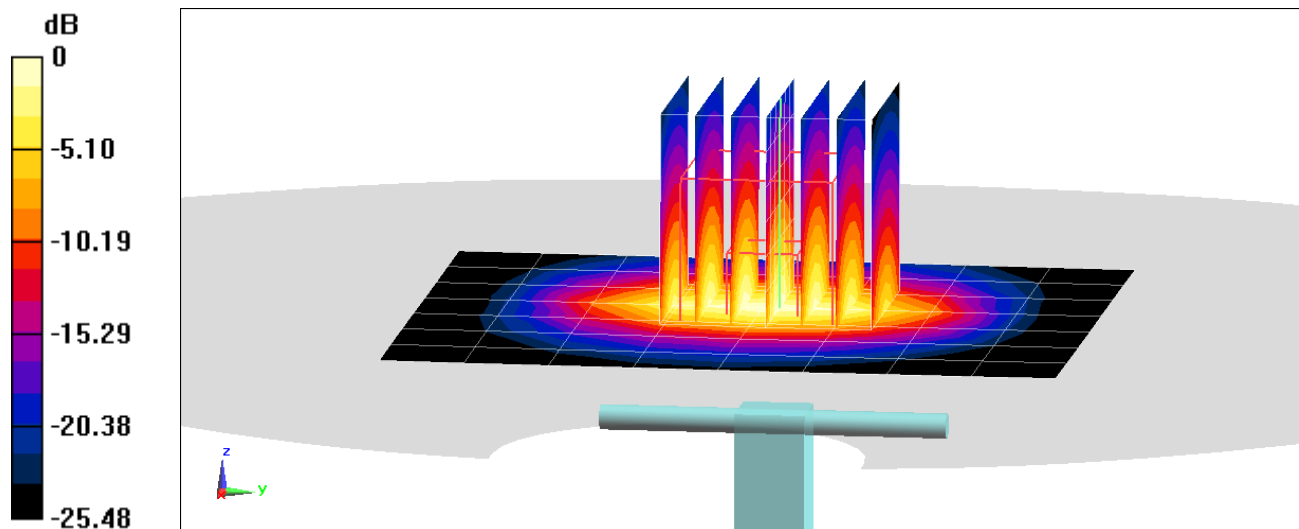
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 5.47 W/kg; SAR(10 g) = 2.37 W/kg

Deviation(1 g) = -0.91%



0 dB = 9.59 W/kg = 9.82 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1042

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

Medium: 2450-2600 Body; Medium parameters used

$f = 2600$ MHz; $\sigma = 2.171$ S/m; $\epsilon_r = 52.224$; $\rho = 1000$ kg/m³

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/14/2021; Ambient Temp: 22.1°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(7.46, 7.46, 7.46) @ 2600 MHz; Calibrated: 10/21/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1364; Calibrated: 10/12/2020

Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1596

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

2600 MHz System Verification at 20.0 dBm (100 mW)

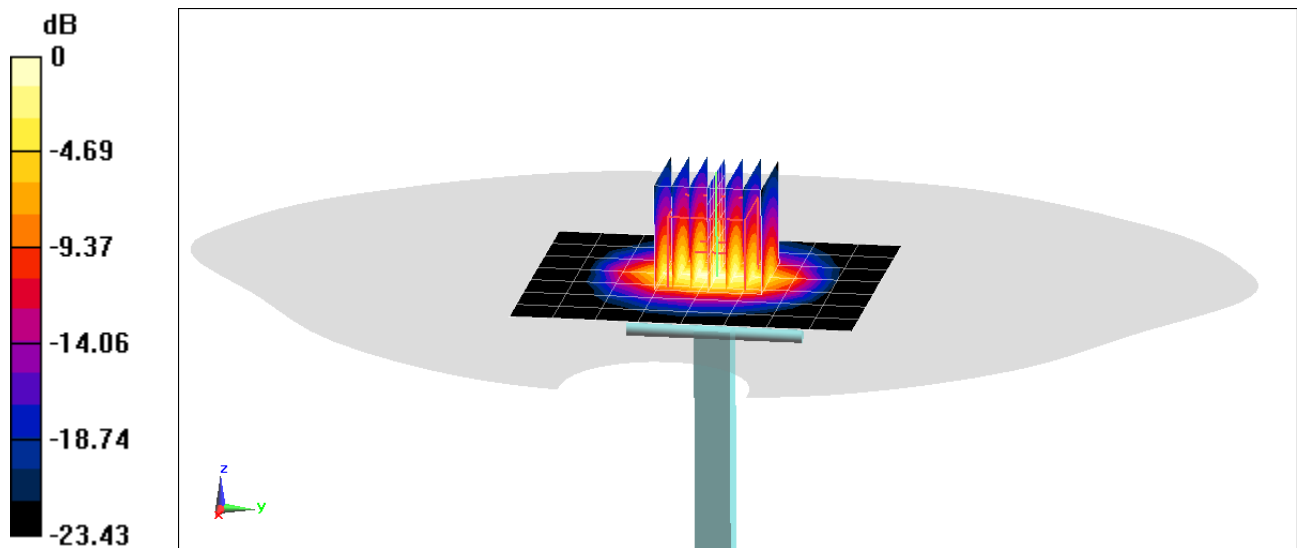
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

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

Peak SAR (extrapolated) = 12.2 W/kg

SAR(1 g) = 5.75 W/kg; SAR(10 g) = 2.55 W/kg

Deviation(1 g) = 4.17%



0 dB = 9.67 W/kg = 9.85 dBW/kg

PCTEST

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1055

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3500-3700 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.22 S/m; perm = 51.2; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.0 cm

Test Date: 07/12/2021; Ambient Temp: 21.2°C; Tissue Temp: 19.8°C.

Probe: EX3DV4 - SN7639; ConvF:(6.92,6.92,6.92); Calibrated: 2021-03-03
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2021-01-11
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500.0 MHz System Verification at 20.0 dBm

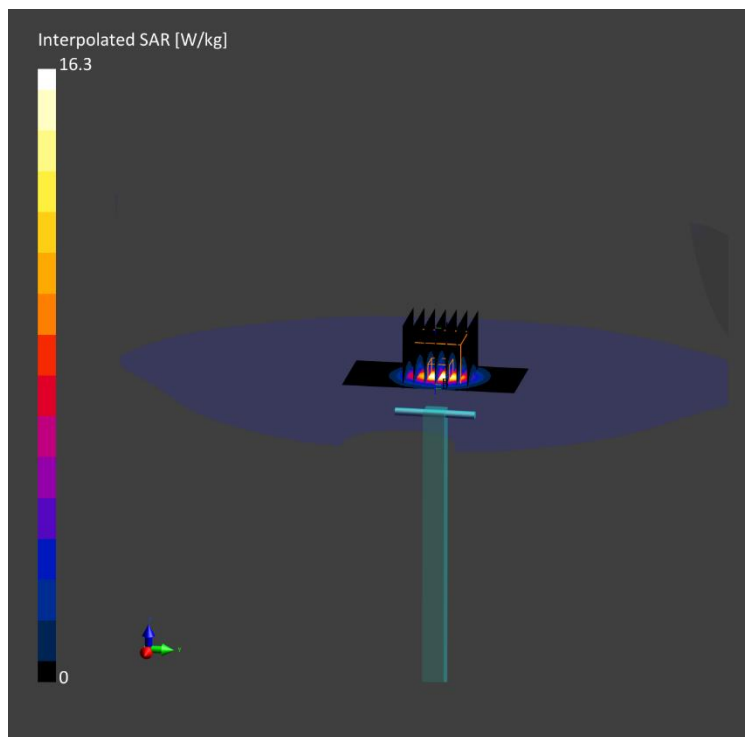
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0mm, dy=10.0mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0mm, dy=5.0mm, dz=1.4mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 6.32 W/kg; SAR(10 g) = 2.41 W/kg

Deviation (1 g) = -2.77%



PCTEST

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: 1055

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

Medium: 3500-3900 Body; Medium parameters used:

$f = 3500 \text{ MHz}$; $\sigma = 3.275 \text{ S/m}$; $\epsilon_r = 51.084$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/13/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7490; ConvF(6.68, 6.68, 6.68) @ 3500 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

3500 MHz System Verification at 20.0 dBm (100 mW)

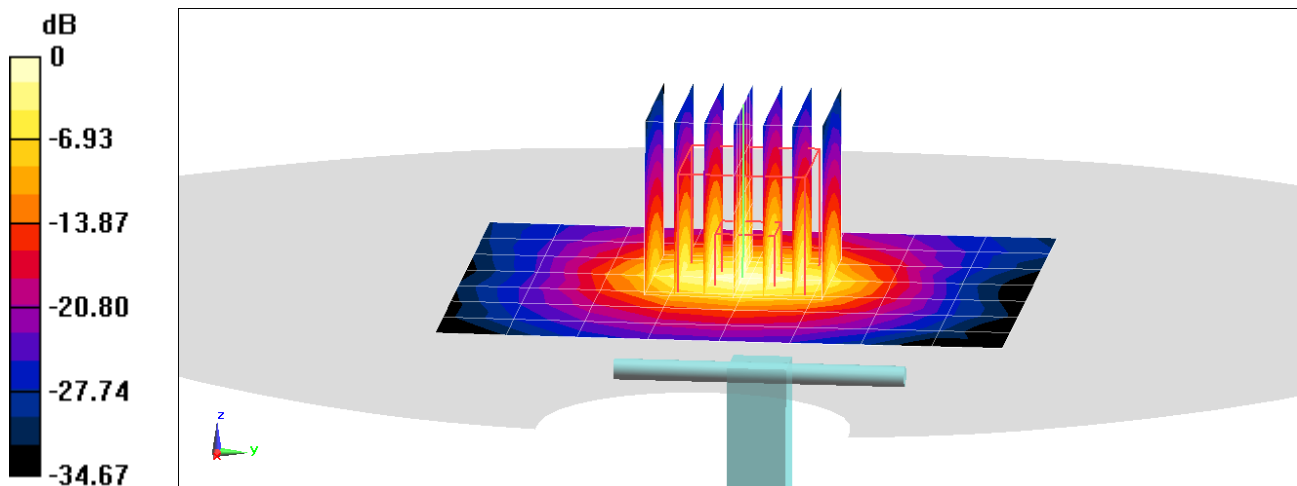
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 6.3 W/kg; SAR(10 g) = 2.39 W/kg

Deviation(1 g) = -3.08%



0 dB = 11.9 W/kg = 10.76 dBW/kg

PCTEST

DUT: Dipole 3500.0 MHz; Type: D3500V2 - SN1055

Communication System: UID: 0, CW; Frequency: 3500.0 MHz
Medium: 3500-3900 Body; Medium parameters used:
f = 3500.0 MHz; cond = 3.37 S/m; perm = 49.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.0 cm

Test Date: 07/15/2021; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF:(6.2,6.2,6.2); Calibrated: 2021-01-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2021-01-13
Phantom: Main; Serial: 1736
Measurement SW: cDASY6 Module SAR V6.14.0.959

3500.0 MHz System Verification at 20.0 dBm

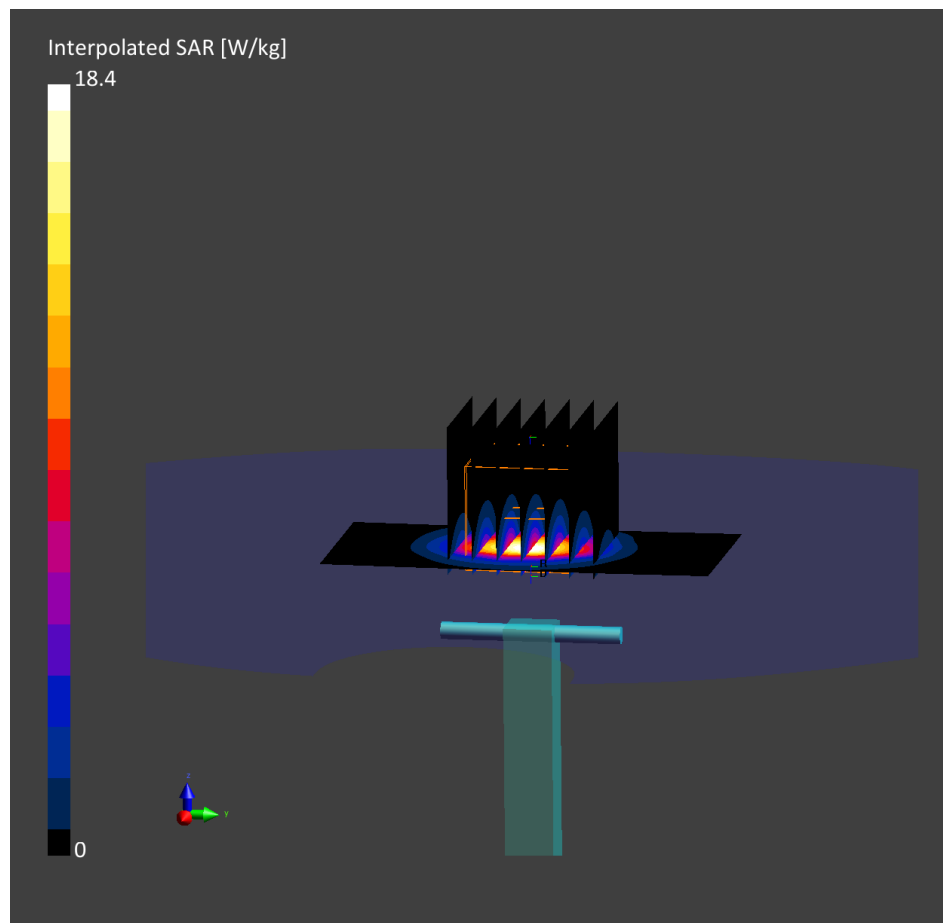
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.54 W/kg

Deviation (1 g) = 6.00%



PCTEST

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1002

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3500-3700 Body; Medium parameters used:
f = 3700.0 MHz; cond = 3.47 S/m; perm = 50.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.0 mm

Test Date: 07/12/2021; Ambient Temp: 21.2°C; Tissue Temp: 19.8°C.

Probe: EX3DV4 - SN7639; ConvF:(6.84,6.84,6.84); Calibrated: 2021-03-03
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1646; Calibrated: 2021-01-11
Phantom: Twin-SAM V8.0; Serial: 2029
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700 MHz System Verification 20.0 dBm

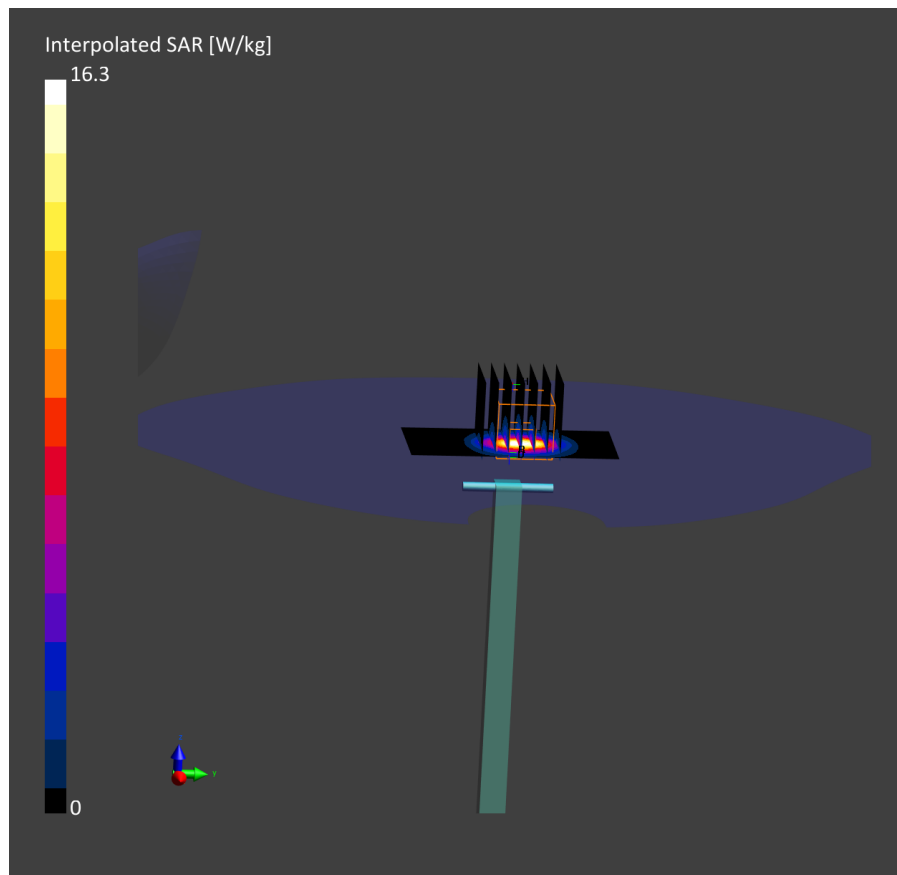
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 6.36 W/kg; SAR(10 g) = 2.33 W/kg

Deviation (1 g) = -1.70%



PCTEST

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: 1002

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

Medium: 3500-3900 Body; Medium parameters used:

$f = 3700 \text{ MHz}$; $\sigma = 3.522 \text{ S/m}$; $\epsilon_r = 50.707$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/13/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7490; ConvF(6.56, 6.56, 6.56) @ 3700 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

3700 MHz System Verification at 20.0 dBm (100 mW)

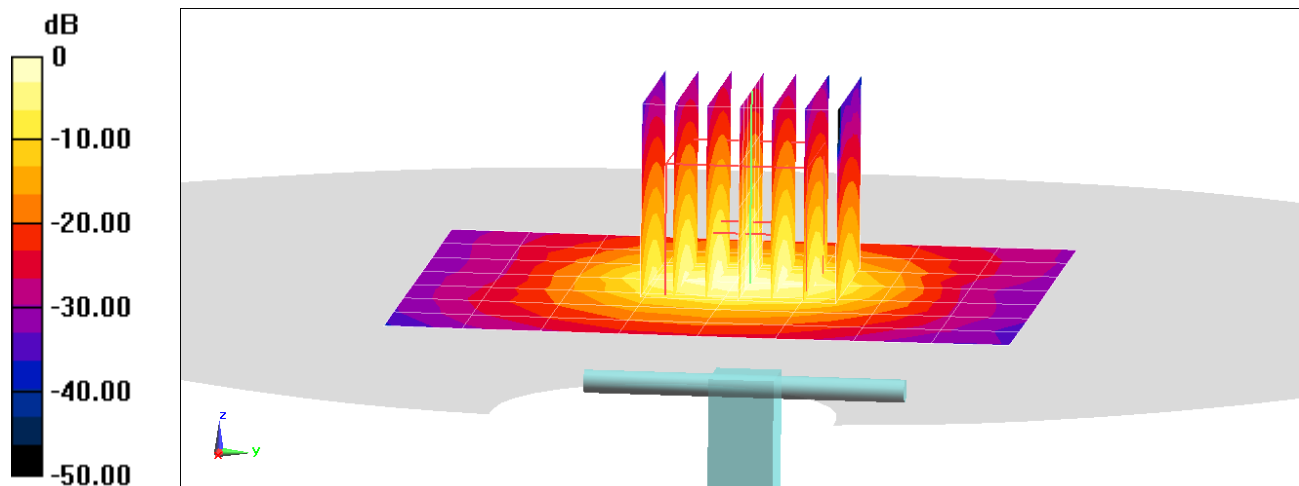
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 6.28 W/kg; SAR(10 g) = 2.3 W/kg

Deviation(1 g) = -2.94%



0 dB = 12.3 W/kg = 10.90 dBW/kg

PCTEST

DUT: Dipole 3700.0 MHz; Type: D3700V2 - SN1002

Communication System: UID: 0, CW; Frequency: 3700.0 MHz
Medium: 3500-3900 Body; Medium parameters used:
f = 3700.0 MHz; cond = 3.58 S/m; perm = 49.4; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.0 cm

Test Date: 07/15/2021; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF:(6.06,6.06,6.06); Calibrated: 2021-01-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2021-01-13
Phantom: Main; Serial: 1736
Measurement SW: cDASY6 Module SAR V6.14.0.959

3700.0 MHz System Verification at 20.0 dBm

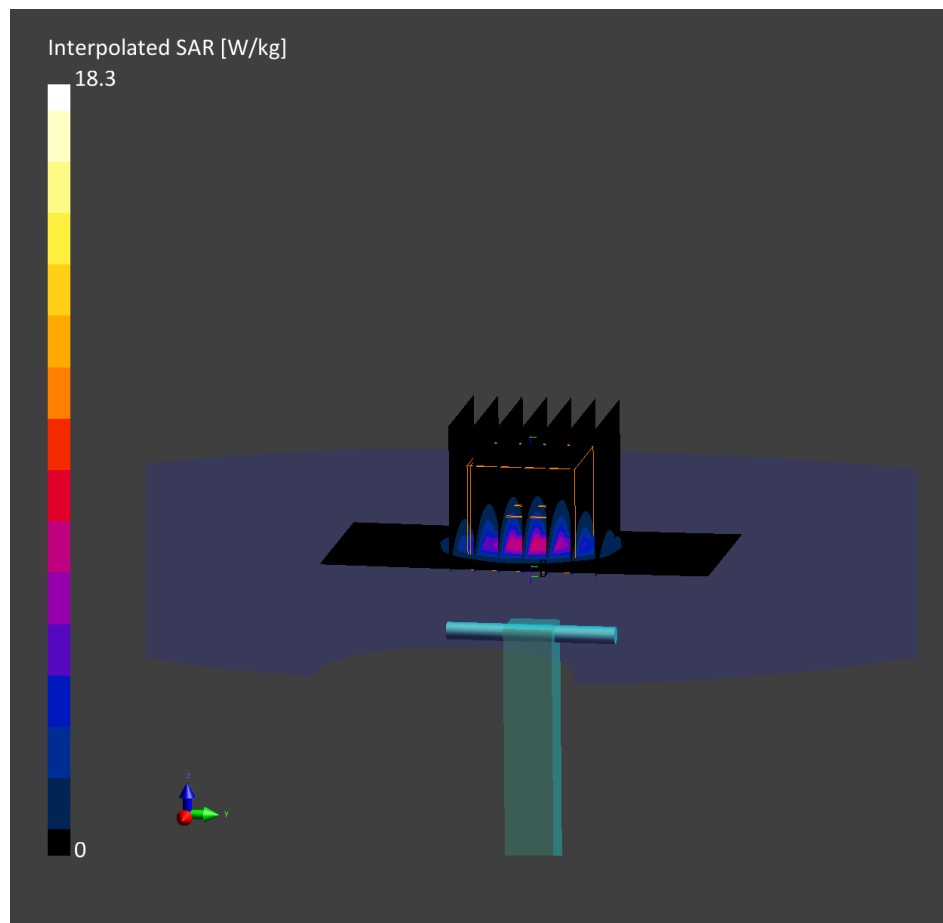
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 6.57 W/kg; SAR(10 g) = 2.35 W/kg

Deviation (1 g) = 1.55%



PCTEST

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: 1062

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

Medium: 3500-3900 Body; Medium parameters used:

$f = 3900 \text{ MHz}$; $\sigma = 3.784 \text{ S/m}$; $\epsilon_r = 50.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 07/13/2021; Ambient Temp: 20.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7490; ConvF(6.55, 6.55, 6.55) @ 3900 MHz; Calibrated: 12/15/2020

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1408; Calibrated: 8/13/2020

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 1936

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

3900 MHz System Verification at 20.0 dBm (100 mW)

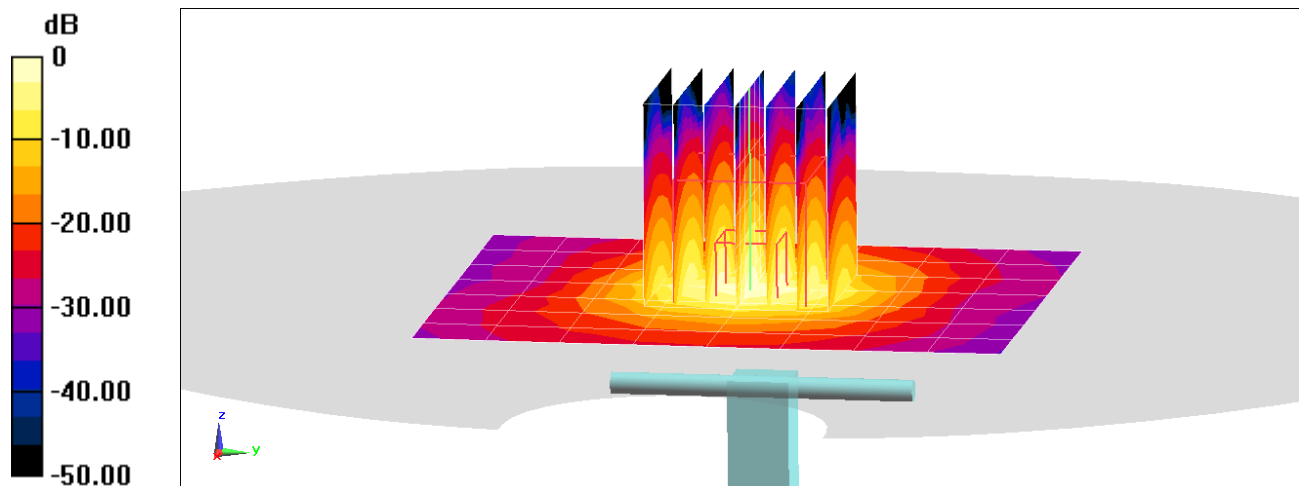
Area Scan (8x9x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.19 W/kg

Deviation(1 g) = -3.92%



0 dB = 12.9 W/kg = 11.11 dBW/kg

PCTEST

DUT: Dipole 3900.0 MHz; Type: D3900V2 - SN1062

Communication System: UID: 0, CW; Frequency: 3900.0 MHz
Medium: 3500-3900 Body; Medium parameters used:
f = 3900.0 MHz; cond = 3.81 S/m; perm = 49.1; density = 1000 kg/m³
Phantom Section: Flat; Space: 1.0 cm

Test Date: 07/15/2021; Ambient Temp: 21.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF:(5.92,5.92,5.92); Calibrated: 2021-01-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn793; Calibrated: 2021-01-13
Phantom: Main; Serial: 1736
Measurement SW: cDASY6 Module SAR V6.14.0.959

3900.0 MHz System Verification at 20.0 dBm

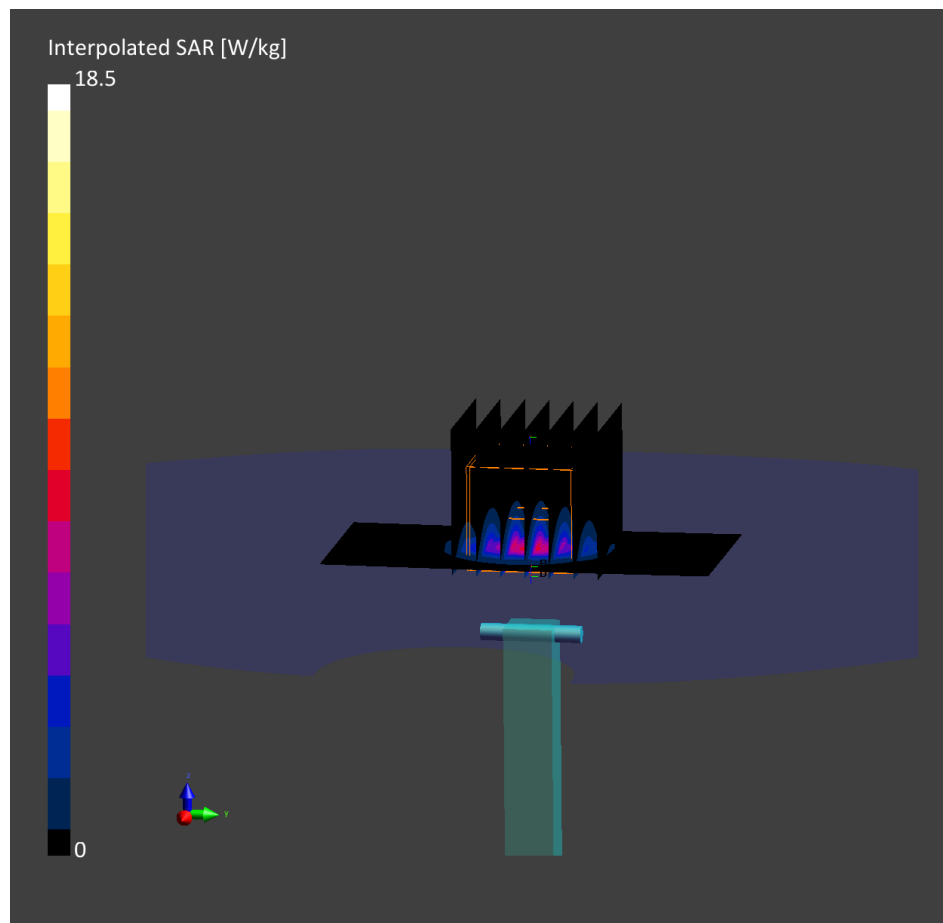
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 28.0): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 6.40 W/kg; SAR(10 g) = 2.18 W/kg

Deviation (1 g) = -3.47%



PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1123

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

Medium: 5200-5800 Body Medium parameters used:

$f = 5250 \text{ MHz}$; $\sigma = 5.35 \text{ S/m}$; $\epsilon_r = 47.875$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/23/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF(4.76, 4.76, 4.76) @ 5250 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

5250 MHz System Verification at 17.0 dBm (50 mW)

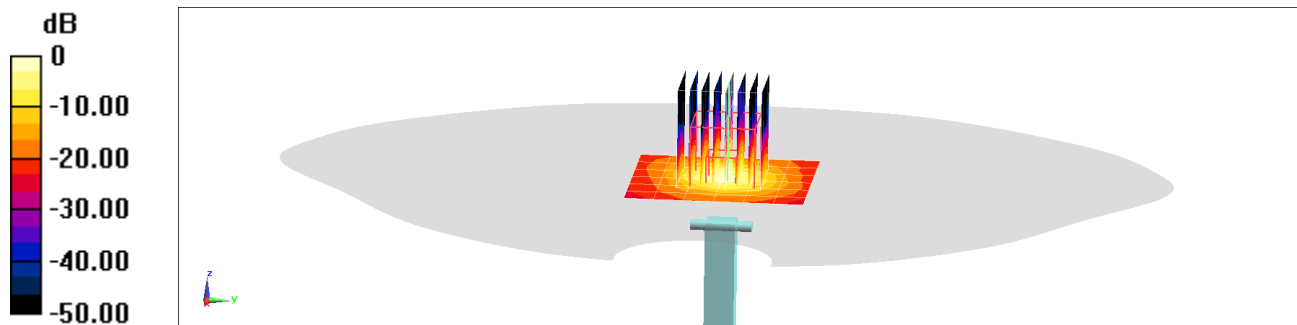
Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.4 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.02 W/kg

Deviation(1 g) = 1.22%



0 dB = 8.98 W/kg = 9.53 dBW/kg

PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1123

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

Medium: 5200-5800 Body Medium parameters used:

$f = 5600 \text{ MHz}$; $\sigma = 5.852 \text{ S/m}$; $\epsilon_r = 47.228$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/23/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF(4.24, 4.24, 4.24) @ 5600 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

5600 MHz System Verification at 17.0 dBm (50 mW)

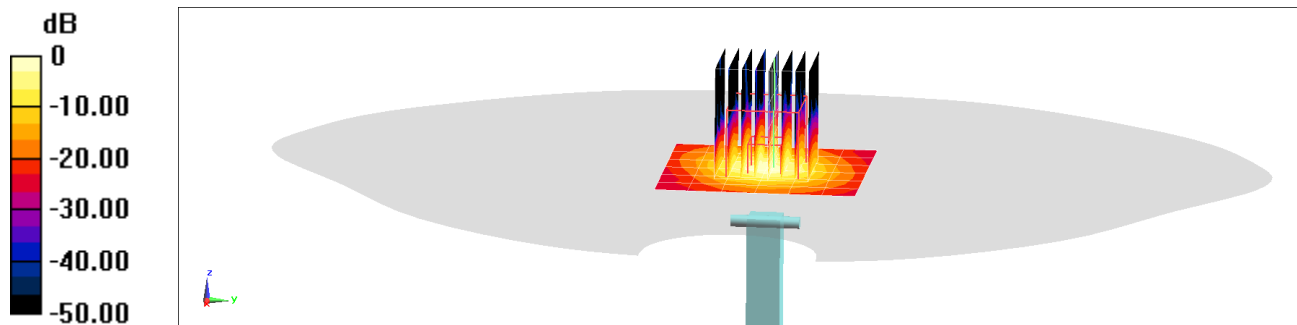
Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.11 W/kg

Deviation(1 g) = 3.62%



0 dB = 9.64 W/kg = 9.84 dBW/kg

PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1123

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

Medium: 5200-5800 Body Medium parameters used:

$f = 5750 \text{ MHz}$; $\sigma = 6.071 \text{ S/m}$; $\epsilon_r = 46.946$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 06/23/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7638; ConvF(4.32, 4.32, 4.32) @ 5750 MHz; Calibrated: 3/3/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1644; Calibrated: 1/11/2021

Phantom: Twin-SAM V8.0; Type: QD 000 P41 Ax; Serial: 2027

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

5750 MHz System Verification at 17.0 dBm (50 mW)

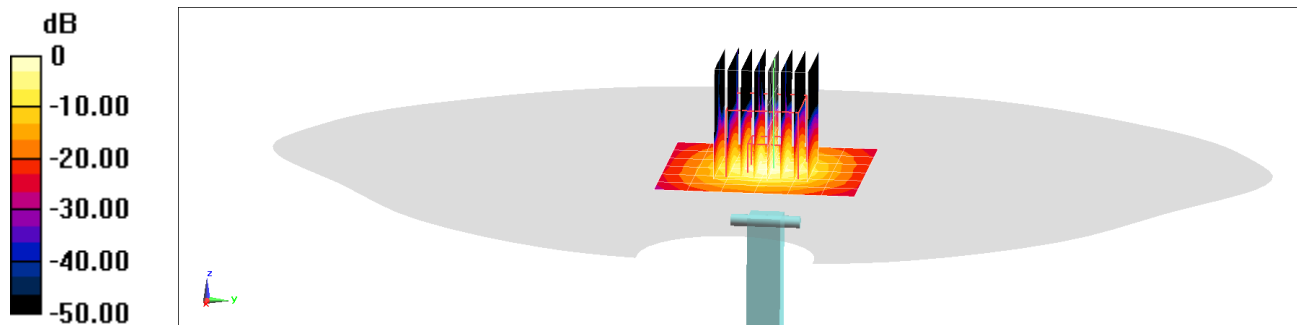
Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.08 W/kg

Deviation(1 g) = 4.51%



0 dB = 9.68 W/kg = 9.86 dBW/kg

APPENDIX C: SAR TISSUE SPECIFICATIONS

FCC ID: BCGA2568	 PCTEST Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device		APPENDIX C: Page 1 of 3

Measurement Procedure for Tissue verification:

- 1) The network analyzer and probe system was configured and calibrated.
- 2) The probe was immersed in the tissue. The tissue was placed in a nonmetallic container. Trapped air bubbles beneath the flange were minimized by placing the probe at a slight angle.
- 3) The complex admittance with respect to the probe aperture was measured
- 4) The complex relative permittivity ϵ' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\epsilon_r\epsilon_0}{[\ln(b/a)]^2} \int_a^b \int_a^b \int_0^\pi \cos\phi' \frac{\exp[-j\omega r(\mu_0\epsilon_r'\epsilon_0)^{1/2}]}{r} d\phi' d\rho' d\rho$$

where Y is the admittance of the probe in contact with the sample, the primed and unprimed coordinates refer to source and observation points, respectively, $r^2 = \rho^2 + \rho'^2 - 2\rho\rho'\cos\phi'$, ω is the angular frequency, and $j = \sqrt{-1}$.

3 Composition / Information on ingredients

3.2 Mixtures

Description: Aqueous solution with surfactants and inhibitors

Declarable, or hazardous components:

CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28-0000	Ethenediol STOT RE 2, H373; Acute Tox. 4, H302	>1.0-4.9%
CAS: 68608-26-4 EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	Sodium petroleum sulfonate Eye Irrit. 2, H319	< 2.9%
CAS: 107-41-5 EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	Hexylene Glycol / 2-Methyl-pentane-2,4-diol Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.9%
CAS: 68920-66-1 NLP: 500-236-9 Reg.nr.: 01-2119489407-26-0000	Alkoxylated alcohol, > C₁₆ Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	< 2.0%

Additional information:

For the wording of the listed risk phrases refer to section 16.

Not mentioned CAS-, EINECS- or registration numbers are to be regarded as Proprietary/Confidential.

The specific chemical identity and/or exact percentage concentration of proprietary components is withheld as a trade secret.

Figure C-1

Note: Liquid recipes are proprietary SPEAG. Since the composition is approximate to the actual liquids utilized, the manufacturer tissue-equivalent liquid data sheets are provided below.

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Measurement Certificate / Material Test

Item Name	Body Tissue Simulating Liquid (MBBL600-6000V6)
Product No.	SL AAM U16 BC (Batch: 200803-1)
Manufacturer	SPEAG

Measurement Method

TSL dielectric parameters measured using calibrated DAK probe.

Target Parameters

Target parameters as defined in the KDB 865664 compliance standard.

Test Condition

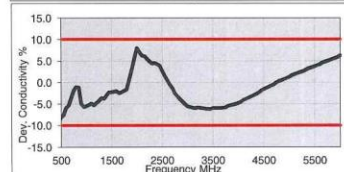
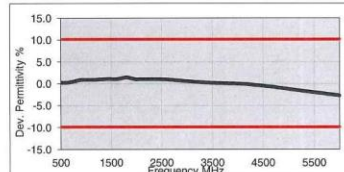
Ambient Condition 22°C ; 30% humidity
 TSL Temperature 22°C
 Test Date 6-Aug-20
 Operator CL

Additional Information

TSL Density
 TSL Heat-capacity

Results

f [MHz]	Measured			Target		Diff.to Target [%]	
	e'	e''	sigma	eps	sigma	Δ-eps	Δ-sigma
600	56.3	26.8	0.89	56.1	0.95	0.3	-6.3
750	55.8	22.6	0.94	55.5	0.96	0.5	-2.1
800	55.7	21.6	0.96	55.3	0.97	0.7	-1.0
825	55.7	21.1	0.97	55.2	0.98	0.8	-1.0
835	55.7	20.9	0.98	55.1	0.99	1.0	-0.5
850	55.6	20.7	0.98	55.2	0.99	0.8	-1.0
900	55.5	19.9	1.00	55.0	1.05	0.9	-4.8
1400	54.7	15.9	1.24	54.1	1.28	1.1	-3.1
1450	54.6	15.8	1.27	54.0	1.30	1.1	-2.3
1600	54.4	15.3	1.36	53.8	1.39	1.1	-2.2
1625	54.4	15.3	1.38	53.8	1.41	1.2	-2.1
1640	54.4	15.2	1.39	53.7	1.42	1.3	-2.1
1650	54.3	15.2	1.39	53.7	1.43	1.1	-2.8
1700	54.2	15.1	1.43	53.6	1.46	1.2	-2.1
1750	54.2	15.0	1.46	53.4	1.49	1.4	-2.0
1800	54.1	14.9	1.50	53.3	1.52	1.5	-1.3
1810	54.1	14.9	1.51	53.3	1.52	1.5	-0.7
1825	54.1	14.9	1.52	53.3	1.52	1.5	0.0
1850	54.0	14.9	1.53	53.3	1.52	1.3	0.7
1900	54.0	14.8	1.57	53.3	1.52	1.3	3.3
1950	53.9	14.8	1.60	53.3	1.52	1.1	5.3
2000	53.8	14.8	1.64	53.3	1.52	0.9	7.9
2050	53.8	14.7	1.68	53.2	1.57	1.1	7.0
2100	53.7	14.7	1.72	53.2	1.62	1.0	6.2
2150	53.7	14.7	1.76	53.1	1.66	1.1	6.0
2200	53.6	14.7	1.80	53.0	1.71	1.1	5.3
2250	53.5	14.8	1.85	53.0	1.76	1.0	5.1
2300	53.5	14.8	1.89	52.9	1.81	1.1	4.4
2350	53.4	14.8	1.94	52.8	1.85	1.1	4.9
2400	53.3	14.8	1.98	52.8	1.90	1.0	4.2
2450	53.3	14.9	2.03	52.7	1.95	1.1	4.1
2500	53.2	14.9	2.07	52.6	2.02	1.1	2.5
2550	53.1	15.0	2.12	52.6	2.09	1.0	1.4
2600	53.0	15.0	2.17	52.5	2.16	0.9	0.5



3500	51.4	16.0	3.11	51.3	3.31	0.2	-6.0
3700	51.1	16.2	3.34	51.1	3.55	0.1	-5.9
5200	48.3	18.7	5.42	49.0	5.30	-1.5	2.3
5250	48.2	18.8	5.50	49.0	5.36	-1.6	2.5
5300	48.1	18.9	5.57	48.9	5.42	-1.7	2.8
5500	47.7	19.2	5.86	48.6	5.65	-2.0	3.8
5600	47.5	19.3	6.01	48.5	5.77	-2.1	4.2
5700	47.3	19.4	6.16	48.3	5.88	-2.3	4.8
5800	47.0	19.6	6.32	48.2	6.00	-2.4	5.3
6000	46.6	19.8	6.62	47.9	6.23	-2.7	6.3
6500							
7000							
7500							
8000							
8500							
9000							
9500							
10000							

Figure C-2
600 – 5800 MHz Body Tissue Equivalent Matter

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APPENDIX D: SAR SYSTEM VALIDATION

FCC ID: BCGA2568	 PCTEST Proud to be part of @element	SAR EVALUATION REPORT	Approved by: Quality Manager
Test Dates: 06/23/2021-08/23/2021	DUT Type: Tablet Device		APPENDIX: D Page 1 of 2

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

Table D-1
SAR System Validation Summary – 1g

SAR System		Freq. (MHz)	Date	Probe SN	Probe Cal Point		Cond. (σ)	Perm. (εr)	CW VALIDATION			MOD. VALIDATION		
									SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
AM9	DASY52	750	4/29/2021	7638	750	Body	0.986	53.040	PASS	PASS	PASS	N/A	N/A	N/A
AM9	cDASY6	750	5/17/2021	7638	750	Body	0.940	55.300	PASS	PASS	PASS	N/A	N/A	N/A
AM6	cDASY6	750	6/2/2021	7416	750	Body	0.930	55.300	PASS	PASS	PASS	N/A	N/A	N/A
AM5	DASY52	835	10/14/2020	3949	835	Body	1.003	52.970	PASS	PASS	PASS	GMSK	PASS	N/A
AM3	DASY52	835	4/13/2021	7421	835	Body	1.000	53.137	PASS	PASS	PASS	GMSK	PASS	N/A
AM3	DASY52	835	7/12/2021	7490	835	Body	1.010	53.600	PASS	PASS	PASS	GMSK	PASS	N/A
AM3	DASY52	835	7/13/2021	3949	835	Body	1.010	53.600	PASS	PASS	PASS	GMSK	PASS	N/A
AM4B	DASY52	1750	5/10/2021	7640	1750	Body	1.483	52.488	PASS	PASS	PASS	N/A	N/A	N/A
AM10	cDASY6	1750	5/17/2021	7639	1750	Body	1.480	52.200	PASS	PASS	PASS	N/A	N/A	N/A
AM4B	DASY52	1900	5/10/2021	7640	1900	Body	1.584	52.310	PASS	PASS	PASS	GMSK	PASS	N/A
AM1	cDASY6	2300	5/19/2021	3837	2300	Body	1.896	51.367	PASS	PASS	PASS	N/A	N/A	N/A
AM2	cDASY6	2300	5/19/2021	7532	2300	Body	1.883	50.995	PASS	PASS	PASS	N/A	N/A	N/A
AM5	DASY52	2450	10/14/2020	3949	2450	Body	1.981	50.715	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM8	DASY52	2450	12/3/2020	7558	2450	Body	2.029	51.960	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM2	cDASY6	2450	5/17/2021	7532	2450	Body	2.031	51.888	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM5	DASY52	2600	10/14/2020	3949	2600	Body	2.112	50.510	PASS	PASS	PASS	TDD	PASS	N/A
AM8	DASY52	2600	12/3/2020	7558	2600	Body	2.173	51.749	PASS	PASS	PASS	TDD	PASS	N/A
AM5	DASY52	3500	1/25/2021	7490	3500	Body	3.188	50.260	PASS	PASS	PASS	TDD	PASS	N/A
AM10	cDASY6	3500	5/21/2021	7639	3500	Body	3.360	49.600	PASS	PASS	PASS	TDD	PASS	N/A
AM1	cDASY6	3500	5/26/2021	3837	3500	Body	3.360	49.808	PASS	PASS	PASS	TDD	PASS	N/A
AM5	DASY52	3700	1/25/2021	7490	3700	Body	3.424	49.920	PASS	PASS	PASS	TDD	PASS	N/A
AM10	cDASY6	3700	5/21/2021	7639	3700	Body	3.570	49.300	PASS	PASS	PASS	TDD	PASS	N/A
AM1	cDASY6	3700	5/26/2021	3837	3700	Body	3.570	49.450	PASS	PASS	PASS	TDD	PASS	N/A
AM5	DASY52	3900	1/25/2021	7490	3900	Body	3.673	49.580	PASS	PASS	PASS	TDD	PASS	N/A
AM1	cDASY6	3900	5/26/2021	3837	3900	Body	3.794	49.181	PASS	PASS	PASS	TDD	PASS	N/A
AM9	DASY52	5250	5/11/2021	7638	5250	Body	5.412	47.566	PASS	PASS	PASS	OFDM	N/A	PASS
AM9	DASY52	5600	5/11/2021	7638	5600	Body	5.925	46.935	PASS	PASS	PASS	OFDM	N/A	PASS
AM9	DASY52	5750	5/11/2021	7638	5750	Body	6.129	46.600	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: Probes have been calibrated for both CW and modulated signals. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r04.

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APPENDIX F: DOWNLINK LTE CA RF CONDUCTED POWERS

F.1 LTE Downlink Only Carrier Aggregation Test Reduction Methodology

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number of component carriers (CCs) supported by the product implementation. Per April 2018 TCBC Workshop Notes, the following test reduction methodology was applied to determine the combinations required for conducted power measurements.

LTE DLCA Test Reduction Methodology:

- The supported combinations were arranged by the number of component carriers in columns.
- Any limitations on the PCC or SCC for each combination were identified alongside the combination (e.g. CA_2A-2A-4A-12A, but B12 can only be configured as a SCC).
- Power measurements were performed for "supersets" (LTE CA combinations with multiple components carriers) and any "subsets" (LTE CA combinations with fewer component carriers) that were not completely covered by the supersets.
- Only subsets that have the exact same components as a superset were excluded for measurement.
- When there were certain restrictions on component carriers that existed in the superset that were not applied for the subset, the subset configuration was additionally evaluated.
- Both inter-band and intra-band downlink carrier aggregation scenarios were considered.
- Downlink CA combinations for SISO and 4x4 Downlink MIMO operations were measured independently, per May 2017 TCBC Workshop notes.

Table F-1 – Example of Exclusion Table for SISO Configurations

Index	CC	Supported Channel Bandwidth (MHz)	Restriction	Completely Covered by Measurement Superset
2CC #1	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #2	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #3	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #4	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #5	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #6	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #7	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #8	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #9	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #10	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #11	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #12	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #13	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #14	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #15	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #16	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #17	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #18	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #19	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #20	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #21	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #22	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #23	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #24	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #25	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #26	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #27	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #28	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #29	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #30	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #31	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #32	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #33	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #34	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #35	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #36	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #37	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #38	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #39	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #40	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #41	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #42	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #43	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #44	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #45	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #46	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #47	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #48	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #49	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #50	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #51	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #52	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #53	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #54	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #55	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #56	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #57	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #58	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #59	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #60	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #61	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #62	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #63	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #64	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #65	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #66	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #67	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #68	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #69	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #70	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #71	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #72	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #73	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #74	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #75	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #76	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #77	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #78	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #79	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #80	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #81	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #82	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #83	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #84	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #85	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #86	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #87	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #88	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #89	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #90	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #91	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #92	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #93	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #94	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #95	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #96	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #97	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #98	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #99	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No
2CC #100	CA [2A]	5, 10, 15, 20	5, 10, 15, 20	No

Table F-2 – Example of Exclusion Table for 4x4 Downlink MIMO Configurations

Index					ZCC					Supported Channel Bandwidth (MHz)		Restriction	Completely Covered by Measurement Superset
CC1		CC2											
2CC #M1	CA [2C]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M1	CA [2A-2A-4A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M2	CA [2A-2A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M2	CA [2A-2A-5A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M3	CA [2A-2A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M3	CA [2A-2A-12A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M4	CA [2A-2A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M4	CA [2A-2A-13A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M5	CA [2A-2A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M5	CA [2A-2A-20A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M6	CA [2A-5A]	5, 10, 15, 20	5, 10			3CC #M6	CA [2C-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M7	CA [2A-12A]	5, 10, 15, 20	3, 5, 10			3CC #M7	CA 2C- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M8	CA [2A-13A]	5, 10, 15, 20	10			3CC #M8	CA 2C1 (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M9	CA [2A-17A]	5, 10	5, 10			3CC #M9	CA [2A-2A-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M10	CA [2A-20A]	5, 10, 15, 20	5, 10			3CC #M10	CA 2A-2A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M11	CA [2A-20A]	5, 10, 15, 20	5, 10			3CC #M11	CA [2A-2A-71A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	No		
2CC #M12	CA [2A-46A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M12	CA [2A-4A-29A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	B29 Sec'd Only		
2CC #M13	CA [2A-66A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M13	CA [2A-4A-71A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M14	CA [2A-66A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M14	CA [2A-5A-19A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M15		
2CC #M15	CA [2A-71A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M15	CA [2A-5A-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M16	CA [2A-66A]	5, 10	5, 10, 15, 20			3CC #M16	CA 2A-5A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M17	CA [2A-66A]	5, 10	5, 10, 15, 20			3CC #M17	CA 2A-12A-12A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M18	CA [2A-66A]	5, 10	5, 10, 15, 20			3CC #M18	CA [2A-13A-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M19	CA [2A-66A]	5, 10	5, 10, 15, 20			3CC #M19	CA [2A-13A-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M20	CA [2A-66B]	5, 10, 15, 20	5, 10, 15, 20			3CC #M20	CA 2A-13A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M21	CA [66C]	5, 10, 15, 20	5, 10, 15, 20			3CC #M21	CA 2A-30A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
2CC #M22	CA [66A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M22	CA [2A-66B]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M23		
2CC #M23	CA [66A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M23	CA 2A- (66B)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M24		
2CC #M24	CA [66A]	5, 10, 15, 20	5, 10, 15, 20			3CC #M24	CA [2A-166B]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
						3CC #M25	CA [2A-66C]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M25		
						3CC #M26	CA 2A- (66C)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	3CC #M26		
						3CC #M27	CA [2A-166C]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
						3CC #M28	CA [2A-46A-66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
						3CC #M29	CA 2A- (66A)	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			
						3CC #M30	CA [2A-66A-71A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20			

F.2 LTE Downlink Only Carrier Aggregation Test Selection and Setup

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number component carriers (CCs) supported by the product implementation. For those configurations required by April 2018 TCBC Workshop Notes, conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

This device supports LAA with downlink carrier aggregation only. It uses carrier aggregation in the downlink to combine LTE in the unlicensed spectrum (i.e. LTE Band 46) with LTE in the licensed band (served as PCC). All uplink communications and acknowledgements on the PCC remain identical to specifications when downlink carrier aggregation is inactive.

Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for carrier aggregation configurations when the maximum average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive. All bands required for SAR testing per FCC KDB procedures were considered. Based on the measured maximum powers below, no additional SAR tests were required for DLCA SAR configurations.

General PCC and SCC configuration selection procedure

- PCC uplink channel, channel bandwidth, modulation and RB configurations were selected based on section C)3)b)ii) of KDB 941225 D05 V01r02. All LTE bandwidth conducted powers needed for PCC uplink configuration selection can be found in Section 10.7 and appendix H. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.
- To maximize aggregated bandwidth, highest channel bandwidth available for that CA combination was selected for SCC. For inter-band CA, the SCC downlink channels were selected near the middle of their transmission bands. For contiguous intra-band CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521. For non-contiguous intra-band CA, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.
- All selected PCC and SCC(s) remained fully within the uplink/downlink transmission band of the respective component carrier.

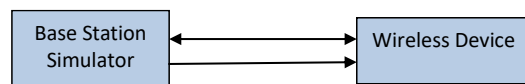


Figure F-1
DL CA Power Measurement Setup

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device		APPENDIX F: Page 2 of 14

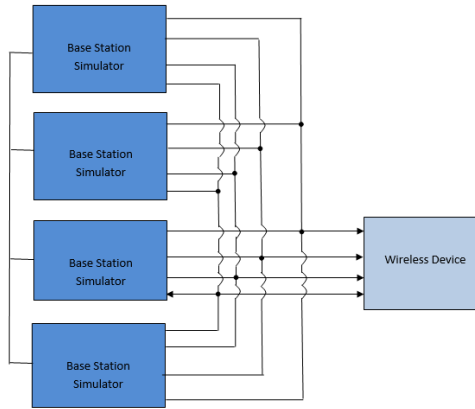


Figure F-2
DL CA with DL 4x4 MIMO Power Measurement Setup

F.3 Downlink Carrier Aggregation RF Conducted Powers

F.3.1 LTE Band 71 as PCC

Table F-3
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC 1		SCC 2		SCC 3		Power	
										SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA 2A-4A-71A	LTE B71	20	133297	680.5	15QAM	1	0	68761	634.5	LTE B2	20	900	1960	LTE B4	20	2175	19.45
CA 4A-4A-71A	LTE B71	20	133297	680.5	15QAM	1	0	68761	634.5	LTE B4	20	2175	2132.5	LTE B4	10	2550	19.45
CA 2A-2A-66A-71A	LTE B71	20	133297	680.5	15QAM	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	66786	19.45
CA 2A-66A-66A-71A	LTE B71	20	133297	680.5	15QAM	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	66786	19.45
CA 2A-66C-71A	LTE B71	20	133297	680.5	15QAM	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	66786	19.45

F.3.2 LTE Band 12 as PCC

Table F-4
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC				PCC (DL) Freq.	SCC Band	SCC 1			SCC 2			SCC 3			SCC 4			LTE Tx Power with CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
				Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel			SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band		
CA 2A-12A (1)	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	17.79	17.79
CA 4A-12A (1)	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	17.72	17.79
CA 4A-12A (2)	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	17.72	17.79
CA 12A-25A	LTE B12	10	23095	707.5	15QAM	5	0	5095	737.5	LTE B25	20	6365	1962.5	-	-	-	-	-	-	-	-	17.71	17.79
CA 12A-66A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B66	20	66665	6517.5	-	-	-	-	-	-	-	-	17.68	17.79
CA 12A-66A (1)	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	17.78	17.79
CA 12A-66A (2)	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	17.78	17.79
CA 2C-12A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940.2	-	-	-	-	17.67	17.79
CA 2A-2A-4A-12A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	17.85	17.79
CA 2A-2A-12B	LTE B12	5	23095	701.5	15QAM	1	12	5095	731.5	LTE B12	20	5107	728.7	LTE B2	20	900	1960	LTE B2	20	700	1940	17.52	17.79
CA 2A-4A-4A-12A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	20	2350	2190	17.86	17.79
CA 2A-4A-7A-12A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	20	2350	2190	17.85	17.79
CA 12A-4A-12A-30A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	20	9820	2385	17.86	17.79
CA 2A-4A-12B	LTE B12	5	23095	701.5	15QAM	1	12	5095	731.5	LTE B12	20	5107	728.7	LTE B2	20	900	1960	LTE B30	20	2175	2192.5	17.53	17.79
CA 2A-12A-66C	LTE B12	10	23095	707.5	15QAM	5	0	5095	737.5	LTE B2	20	900	1960	LTE B66	20	6145	181	LTE B66	20	66786	2145	17.83	17.79
CA 4A-4A-12A-30A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B4	20	2175	2132.5	LTE B4	20	2350	2190	LTE B30	20	9820	2390	17.78	17.79
CA 4A-4A-12B	LTE B12	5	23095	701.5	15QAM	1	12	5095	731.5	LTE B12	20	5107	728.7	LTE B4	20	2175	2132.5	LTE B30	20	9820	2390	17.53	17.79
CA 2A-2A-7A-12A-66A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	20	1100	2655	17.81	17.79
CA 2A-2A-12A-30A-66A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	20	1820	2335	17.86	17.79
CA 2A-2A-12A-66A-66A	LTE B12	10	23095	707.5	15QAM	1	0	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	17.80	17.79
CA 2A-12A-66A-66A-66A	LTE B12	10	23095	707.5	15QAM	5	0	5095	737.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66786	2145	17.81	17.79
CA 2A-12A-30A-66A-66A	LTE B12	10	23095	707.5	15QAM	5	0	5095	737.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B30	20	9820	2340	17.83	17.79

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device		APPENDIX F: Page 3 of 14

F.3.3

LTE Band 13 as PCC

Table F-5
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power				
			PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx Power with CA Enabled (dBm)	LTE Single Carrier Power (dBm)
CA 2A-2A-13A (1)	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	-	-	-	-	-	-	-	-	18.15	18.20
CA 2A-4A-13A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2125.5	-	-	-	-	-	-	-	-	18.17	18.20
CA 2A-13A-46A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	-	-	-	-	-	-	-	-	18.18	18.20
CA 2A-13A-48A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B48	20	55840	5590	-	-	-	-	-	-	-	-	18.22	18.20
CA 4A-4A-13A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B4	20	2175	2132.5	LTE B4	20	2350	2150	-	-	-	-	-	-	-	-	18.18	18.20
CA 13A-46A-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B46	20	50665	5037.5	LTE B46	20	47090	5180	-	-	-	-	-	-	-	-	18.15	18.20
CA 13A-48A-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B48	20	55840	5590	LTE B48	20	66786	2145	-	-	-	-	-	-	-	-	18.14	18.20
CA 2A-2A-13A-7A-13A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2950	2630	-	-	-	-	18.14	18.20
CA 2A-7C-13A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2636.2	-	-	-	-	18.18	18.20
CA 2A-13A-46C	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	-	-	-	-	18.18	18.20
CA 2A-13A-66B	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B66	15	66786	2145	LTE B66	5	66879	2144.3	-	-	-	-	18.15	18.20
CA 2A-13A-66C	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B66	15	66786	2145	LTE B66	20	66884	2144.8	-	-	-	-	18.15	18.20
CA 13A-46C-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	LTE B66	20	66786	2145	-	-	-	-	18.17	18.20
CA 13A-48C-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B48	20	55840	5590	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	-	-	-	-	17.66	18.20
CA 13A-66A-66B	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B66	15	66786	2145	LTE B66	15	67038	2193.2	LTE B66	15	67265	2192.5	-	-	-	-	18.18	18.20
CA 13A-66A-66C	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B66	15	66786	2145	LTE B66	20	67038	2190.2	LTE B66	20	67236	2190	-	-	-	-	18.17	18.20
CA 2A-2A-13A-66A-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1840	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.13	18.20
CA 2A-13A-46D	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	-	-	-	-	18.18	18.20
CA 13A-46D-66A	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	LTE B46	20	50665	5037.5	LTE B66	20	66786	2145	18.16	18.20
CA 13A-46E	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	LTE B46	20	50665	5037.5	LTE B46	20	51061	5571.7	18.14	18.20
CA 13A-46D-66B	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B46	20	50665	5037.5	LTE B46	20	50665	5037.5	LTE B46	20	50665	5037.5	LTE B66	20	66786	2145	18.23	18.20
CA 13A-48E	LTE B13	10	23230	782	16QAM	25	12	5230	751	LTE B48	20	55840	5590	LTE B48	20	56188	3644.8	LTE B48	20	56084	3644.4	LTE B48	20	56084	3644.4	18.18	18.20

F.3.4

LTE Band 14 as PCC

Table F-6
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC					SCC 1					SCC 2					SCC 3					SCC 4					Power	
			PCC (UL) Ch	PCC (UL) Freq [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)		
CA 2A-2A-14A-30A-66A	LTE B14	10	23330	793	QPSK	25	12	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	15	9820	2355	LTE B66	20	66786	2145	18.84	18.82		
CA 2A-2A-14A-66A-66A	LTE B14	10	23330	793	QPSK	25	12	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.79	18.82		
CA 2A-14A-30A-66A-66A	LTE B14	10	23330	793	QPSK	25	12	5330	763	LTE B2	20	900	1960	LTE B30	15	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.84	18.82		

F.3.5

LTE Band 5 as PCC

Table F-7
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC					PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC Band	SCC 1			SCC Band	SCC 2			SCC 3			SCC 4			Power			
			PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset				SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]		SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)		
CA 2A-5A (1)	LTE B5	5	20625	847.5	16QAM	1	0	20625	882.5	LTE B5	5	2425	871.5	-	-	-	-	-	-	-	-	-	-	-	17.85	17.76	
CA 5A-7A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B7	20	3100	2655	-	-	-	-	-	-	-	-	-	-	-	17.88	17.77	
CA 5A-25A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B25	20	8565	1362.5	-	-	-	-	-	-	-	-	-	-	-	17.68	17.77	
CA 5A-41A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B41	20	40020	2593	-	-	-	-	-	-	-	-	-	-	-	17.78	17.77	
CA 5A-46A (1)	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B46	20	50665	5037.5	-	-	-	-	-	-	-	-	-	-	-	18.02	17.77	
CA 6A-48A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	-	-	-	17.75	17.77	
CA 4B (1)	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2465	877.5	-	-	-	-	-	-	-	-	-	-	-	17.85	17.77	
CA 2A-5A-7A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	-	-	-	-	-	-	-	-	17.45	17.77
CA 2A-5A-46A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	-	-	-	-	-	-	-	-	17.44	17.77
CA 5A-7A-7A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B7	20	3100	2655	LTE B7	20	2950	2630	-	-	-	-	-	-	-	-	17.44	17.77
CA 5A-6A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B46	20	50665	5037.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	17.65	17.77
CA 5A-46C (1)	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	-	-	-	-	-	-	-	-	17.50	17.77
CA 2A-2A-4A-5A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B2	20	700	1840	LTE B4	20	2175	2132.5	-	-	-	-	17.52	17.77
CA 2A-5A-4A-5A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	15	8820	2355	-	-	-	-	17.48	17.77
CA 2A-4A-8B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	17.47	17.77
CA 2A-5A-7A-7A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2950	2630	-	-	-	-	17.43	17.77
CA 2A-5A-46C	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	-	-	-	-	17.42	17.77
CA 2A-5A-4A-5A-7A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	-	-	-	-	17.42	17.77
CA 5A-4A-5B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B4	20	2175	2132.5	LTE B4	20	2950	2150	-	-	-	-	17.45	17.77
CA 5A-5A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2425	871.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	17.38	17.77
CA 5A-7A-6A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B7	20	3100	2655	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	17.46	17.77
CA 5A-86C-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B46	20	50665	5037.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	17.47	17.77
CA 5A-46D (1)	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B46	20	50665	5037.5	LTE B46	20	50467	5017.7	LTE B46	20	50963	5057.7	-	-	-	-	17.47	17.77
CA 5A-66A-66B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B66	20	66786	2145	LTE B66	20	67457	2165.1	LTE B66	20	67236	2190	-	-	-	-	17.46	17.77
CA 5A-66A-66C	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B66	20	66786	2145	LTE B66	20	67028	2121.2	LTE B66	20	67236	2190	-	-	-	-	17.47	17.77
CA 2A-2A-5A-30A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B3	20	700	1940	LTE B30	10	8820	2355	LTE B66	20	66786	2145	17.80	17.77
CA 2A-2A-5A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B52	20	700	1940	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.70	17.77
CA 2A-2A-5A-66B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B52	20	700	1940	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 2A-2A-5A-66C	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B2	20	900	1960	LTE B52	20	700	1940	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 2A-5A-30A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B30	10	8820	2355	LTE B66	20	66786	2145	17.83	17.77
CA 2A-5A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.70	17.77
CA 2A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 2A-5B-66C	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66A-66B	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66A-66C	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77
CA 5A-66A-66A-66A-66A	LTE B5	5	20625	836.5	16QAM	1	0	20625	881.5	LTE B5	5	2463	874.3	LTE B52	20	900	1960	LTE B56	20	66786	2145	LTE B66	20	67236	2190	17.77	17.77

LTE Band 26 as PCC

Table F-8
Maximum Output Powers – Antenna 4

Combination	PCC									SCC 1			SCC 2			Power			
	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA 7A-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	LTE B7	20	3100	2655	-	-	-	-	17.68	17.73
CA 25A-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	LTE B25	20	8365	1962.5	-	-	-	-	17.71	17.73
CA 26A-41A	LTE B26	10	26990	844	QPSK	25	12	8990	889	LTE B41	20	40620	2593	-	-	-	-	17.70	17.73
CA 7A-7A-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	LTE B7	20	3100	2655	LTE B7	20	2850	2630	17.68	17.73
CA 25A-25A-26A	LTE B26	3	27025	847.5	16QAM	1	0	9025	892.5	LTE B25	20	8365	1962.5	LTE B25	20	8590	1985	17.49	17.72
CA 26A-41C	LTE B26	10	26990	844	QPSK	25	12	8990	889	LTE B41	20	40420	2593	LTE B41	20	40422	2573.2	17.69	17.73

LTE Band 66 as PCC

Table F-9
Maximum Output Powers – Antenna 4

[illegible]

LTE Band 25 as PCC

Table F-10
Maximum Output Powers – Antenna 4

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch Freq. [MHz]	PCC				SSC 1				SSC 2				SSC 3				SSC 4				Power	
				Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC (DL) Channel	SSC (DL) Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC (DL) Channel	SSC (DL) Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC (DL) Channel	SSC (DL) Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC (DL) Channel	SSC (DL) Freq. [MHz]	LTE Tx Power with DC CA
CA 2A-2A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B05	20	2626	881.5	-	-	-	-	-	-	-	-	-	-	-	12.21	12.81
CA 2A-2A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B12	20	2626	721.5	-	-	-	-	-	-	-	-	-	-	-	12.24	12.81
CA 2A-2A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B06	20	8865	876.5	-	-	-	-	-	-	-	-	-	-	-	12.24	12.81
CA 2A-4A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B06	20	50665	857.5	-	-	-	-	-	-	-	-	-	-	-	12.22	12.81
CA 2A-2A-2A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B20	5	48865	876.5	-	-	-	-	-	-	-	12.02	12.81
CA 2A-2A-4A	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	-	-	-	-	-	-	-	12.29	12.81
CA 2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B41	20	40020	2963	LTE B41	20	40422	2973.2	-	-	-	-	-	-	-	12.03	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B41	20	40020	2963	LTE B41	20	40422	2973.2	-	-	-	-	-	-	-	12.03	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE B20	20	8140	8860	LTE B41	20	40020	2993	LTE B41	20	40422	2973.2	-	-	-	12.22	12.81
CA 2A-2A-4A-1C	LTE B20	20	26980	19QPSK	1	50	BS00	1985	LTE																

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device	APPENDIX F: Page 5 of 14	

[illegible]

Combination	PCB Band	PCC BW [MHz]	PCC				SSC 1				SSC 2				SSC 3				SSC 4				Power				
			PCC [UL] CH	PCC [UL] Freq. [MHz]	PCC Mod.	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SSC BW [MHz]	SSC [DL] Channel	SSC [DL] Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC [DL] Channel	SSC [DL] Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC [DL] Channel	SSC [DL] Freq. [MHz]	SSC Band	SSC BW [MHz]	SSC [DL] Channel	LTE Tx Power with CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]		
CA 5A-7A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B5	20	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	13.97	13.89	
CA 7A-26A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B8	20	8865	476.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 7A-26A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B8	20	8815	225.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 7A-46A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B46	20	50565	5537.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 7B	LTE B7	15	21375	2562.5	15QAM	1	36	3378	2682.5	LTE B7	5	3262	2673.2	-	-	-	-	-	-	-	-	-	-	-	13.87	13.87	
CA 2A-5A-7A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B2	20	900	1960	LTE B5	20	2525	881.5	-	-	-	-	-	-	-	13.97	13.89	
CA 4A-6A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B4	20	2175	212.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	13.52	13.89	
CA 5A-7A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 7A-26A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	13.97	13.89	
CA 7A-26A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	8865	476.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 7A-46A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	50565	5537.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 2A-4A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	13.97	13.89	
CA 2A-4A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	900	1960	LTE B4	20	2175	212.5	-	-	-	-	-	-	-	13.86	13.89	
CA 2A-4A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B2	20	900	1960	LTE B4	20	2175	212.5	-	-	-	-	-	-	-	13.87	13.89	
CA 2A-4A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B2	20	8815	225.5	LTE B4	20	2175	212.5	-	-	-	-	-	-	-	13.89	13.89	
CA 2A-4A-7A (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B2	20	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	13.89	13.89	
CA 2A-7A-13A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B2	20	900	1960	LTE B13	10	5280	751	-	-	-	13.82	13.89	
CA 2A-7A-13A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B2	20	900	1960	LTE B13	10	5230	783	-	-	-	13.73	13.89	
CA 2A-7A-26A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B2	20	900	1960	LTE B13	10	50768	2145	-	-	-	13.83	13.89	
CA 2A-6A-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	67236	2149	-	-	-	13.83	13.89	
CA 7A-46B (1)	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B46	20	50565	5537.5	LTE B46	20	50565	5537.5	LTE B46	20	50565	5537.5	-	-	-	13.89	13.89	
CA 7A-7C-46C	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B46	20	50565	5537.5	LTE B46	20	50467	5537.7	-	-	-	13.89	13.89	
CA 2A-7A-13A-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	773.7	LTE B66	20	66786	2145	13.21	13.89
CA 2A-7A-7A-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	2610	2610	LTE B2	20	900	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2150	13.21	13.89
CA 7A-7C-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B66	20	66786	2145	LTE B66	20	67236	2150	LTE B66	20	67236	2150	13.21	13.89
CA 7A-7C-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	67236	2150	13.21	13.89
CA 7A-7C-66A	LTE B7	20	21350	2560	15QAM	1	0	3350	2680	LTE B7	20	3152	2600.2	LTE B46	20	50565	5537.5	LTE B46	20	50467	5537.7	LTE B46	20	50565	5537.5	13.05	13.89

		PCC						SEC 1				SEC 2				SEC 3				SEC 4				Power			
Combination	PCC Band	PCC BW [MHz]	PCC [DL] Freq. [MHz]	Mod.	PCC UL-BT Offset	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DC Power [dBm]	LTE Single Carrier Tx Power [dBm]	
CA 34A-41A	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B38	20	2025	891.5	-	-	-	-	-	-	-	-	-	-	-	-	14.49	14.43
CA 26A-41A	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B28	20	8965	876.5	-	-	-	-	-	-	-	-	-	-	-	-	14.40	14.43
CA 41A-41A (1)	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	39750	2506	-	-	-	-	-	-	-	-	-	-	-	-	14.43	14.43
CA 25A-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B25	20	8365	1962.5	-	-	-	-	-	-	-	-	14.39	14.43
CA 26A-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B26	10	8125	879.5	-	-	-	-	-	-	-	-	14.45	14.43
CA 43A-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B27	10	8125	879.5	-	-	-	-	-	-	-	-	14.45	14.43
CA 41C-41A	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	39945	2506	-	-	-	-	-	-	-	-	14.50	14.43
CA 25A-25A-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B25	20	8365	1962.5	LTE B25	20	8660	1985	-	-	-	-	14.42	14.43
CA 43A-43A-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B25	20	8365	1962.5	LTE B41	20	39945	2506	-	-	-	-	14.48	14.46
CA 41D-41A	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	39945	2506	LTE B41	20	39750	2506	-	-	-	-	14.45	14.43
CA 41C-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	39945	2506	LTE B41	20	39750	2506	-	-	-	-	14.45	14.43
CA 41C-41C	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	39945	2506	LTE B41	20	39750	2506	-	-	-	-	14.49	14.43
CA 25A-25A-41D	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	40087	2016.7	LTE B25	20	8365	1962.5	LTE B25	20	8590	1985	14.13	14.43
CA 41C-41D	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	40087	2016.7	LTE B41	20	39945	2526.8	LTE B41	20	39750	2506	14.43	14.43
CA 41D-41D	LTE B41	20	41055	2036.5	1SQAM	1	0	41055	2036.5	LTE B41	20	40087	2016.7	LTE B41	20	40087	2016.7	LTE B41	20	39945	2526.8	LTE B41	20	39750	2506	14.43	14.43

F.3.12

LTE Band 48 as PCC

Table F-14
Maximum Output Powers – Ant 2

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Channel	PCC (DL) Freq. [MHz]	SCC 1				SCC 2				SCC 3				SCC 4				Power	
										SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Channel	SCC (DL) Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA 5A-48A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B5	20	2525	881.5													12.48	12.50
CA 2A-13A-48A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B12	20	5230	751	LTE B2	20	900	1960									12.27	12.50
CA 2A-48A-48A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	8560	LTE B2	20	900	1960									11.99	12.50
CA 2A-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B66	20	66786	2145	LTE B2	20	900	1960									12.23	12.50
CA 13A-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B66	20	66786	2145	LTE B13	20	5230	751									12.08	12.50
CA 2A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B2	20	900	1960	LTE B66	20	66786	2145					12.51	12.50
CA 13A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B13	20	5230	751	LTE B66	20	66786	2145					12.42	12.50
CA 48A-48A-66A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	8560	LTE B66	20	66786	2145	LTE B66	20	67736	2190					12.48	12.50
CA 48A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	8560	LTE B48	20	55009	3626.9	LTE B66	20	66786	2145					12.23	12.50
CA 48C-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55340	8560	LTE B66	20	66786	2145					12.40	12.50
CA 48C-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	66786	2145	LTE B66	20	67736	2190					12.47	12.50
CA 2A-48D-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55811	3607.1	LTE B2	20	900	1960	LTE B66	20	66786	2145	11.77	12.50
CA 2A-48E	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55811	3607.1	LTE B48	20	55613	3587.3	LTE B2	20	900	1960	11.91	12.50
CA 13A-48D-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55811	3607.1	LTE B13	20	5230	751	LTE B66	20	66786	2145	12.76	12.50
CA 13A-48E	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55811	3607.1	LTE B48	20	55613	3587.3	LTE B13	10	5230	751	11.91	12.50
CA 48E-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55009	3626.9	LTE B48	20	55811	3607.1	LTE B48	20	55613	3587.3	LTE B66	20	66786	2145	11.93	12.50

F.4 DL CA with DL 4x4 MIMO RF Conduction Powers

This device supports downlink 4x4 MIMO operations for some LTE bands. Uplink transmission is limited to a single output stream. When carrier aggregation was applicable, the general test selection and setup procedures described in Section F.2 were applied.

Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum average output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

F.4.1

LTE 4x4 MIMO DL Standalone Powers

Table F-15
Maximum Output Powers – Ant 4

LTE Band	Bandwidth [MHz]	Channel	Frequency [MHz]	Modulation	RB Size	RB Offset	4x4 DL MIMO Tx. Power [dBm]	Single Antenna Tx. Power [dBm]	Target Power [dBm]
66	20	132322	1745	16QAM	1	0	13.76	13.67	13.3
25	20	26590	1905	16QAM	1	50	12.79	12.61	13.0

Table F-16
Maximum Output Powers – Ant 3b

LTE Band	Bandwidth [MHz]	Channel	Frequency [MHz]	Modulation	RB Size	RB Offset	4x4 DL MIMO Tx. Power [dBm]	Single Antenna Tx. Power [dBm]	Target Power [dBm]
7	20	21350	2560	16QAM	1	0	14.01	13.88	13.7
30	10	27710	2310	QPSK	25	12	13.49	13.45	13.4
41	20	41055	2636.5	16QAM	1	0	14.52	14.43	14.8

Table F-17
Maximum Output Powers – Ant 2

LTE Band	Bandwidth [MHz]	Channel	Frequency [MHz]	Modulation	RB Size	RB Offset	4x4 DL MIMO Tx. Power [dBm]	Single Antenna Tx. Power [dBm]	Target Power [dBm]
48	20	56207	3646.7	16QAM	1	0	12.49	12.50	12.0

FCC ID: BCGA2568		SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device		APPENDIX F: Page 7 of 14

F.4.2

LTE Band 71 as PCC

Table F-18
Maximum Output Powers – Ant 4

Combination	PCC Band	PCC										SCC1				SCC2				SCC3				Power			
		PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA [2A] [4A] 71A	LTE B71	20	133297	680.5	16QAM	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	19.51	19.45
CA [6A] [4A] 71A	LTE B71	20	133297	680.5	16QAM	1	0	68761	634.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	19.62	19.45
CA [2A] [2A] [6A] 71A	LTE B71	20	133297	680.5	16QAM	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	19.39	19.45
CA [2A] [6A] [6A] 71A	LTE B71	20	133297	680.5	16QAM	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	19.43	19.45
CA [2A] [6A] 71A	LTE B71	20	133297	680.5	16QAM	1	0	68761	634.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	19.42	19.45

F.4.3

LTE Band 12 as PCC

Table F-19
Maximum Output Powers – Ant 4

Combination	PCC Band	PCC BW [MHz]	PCC [UL Ch]	PCC (UL) Freq. [MHz]	Mod.	PCC				DL Ant. Config.	SCC 1				DL Ant. Config.	SCC 2				DL Ant. Config.	SCC 3				DL Ant. Config.	Power		
						PCC UL RB	PCC UL RB Offset	PCC (DL) Ch	PCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC (DL) Ch	SCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC (DL) Ch	SCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC (DL) Ch	SCC (DL) Freq. [MHz]		LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]	
CA [2A] [2A] (1)	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	17.49	17.79	
CA [4A] [2A] (1)	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	17.49	17.79	
CA [4A] [2A] (2)	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	17.49	17.79	
CA [2A] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	17.84	17.79	
CA [2A] [6A] (1)	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	17.84	17.79	
CA [2A] [6A] (2)	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	17.84	17.79	
CA [2C] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	2x2	-	-	-	-	-	-	17.57	17.79
CA [2A] [2A] [4A] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	4x4	-	17.32	17.79
CA [2A] [2A] [1B]	LTE B12	5	23095	701.5	16QAM	1	12	5095	731.5	2x2	LTE B12	10	5107	718.7	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	-	17.42	17.79
CA [2A] [4A] [4A] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	17.34	17.79
CA [2A] [4A] [7A] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B7	20	2190	2055	4x4	-	17.20	17.79
CA [2A] [4A] [2A] [2A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	6820	2355	4x4	-	17.25	17.79
CA [2A] [4A] [1B]	LTE B12	5	23095	701.5	16QAM	1	12	5095	731.5	2x2	LTE B12	10	5107	718.7	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	17.29	17.79
CA [2A] [2A] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	17.30	17.79
CA [4A] [4A] [2B] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	6820	2355	4x4	-	17.29	17.79
CA [4A] [4A] [1B]	LTE B12	5	23095	701.5	16QAM	1	12	5095	731.5	2x2	LTE B12	10	5107	718.7	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	17.28	17.79
CA [2A] [2A] [7A] [2A] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	2190	2055	4x4	-	17.39	17.79
CA [2A] [2A] [2A] [30A] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	6820	2355	4x4	-	17.45	17.79
CA [2A] [2A] [2A] [6A] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	-	17.50	17.79
CA [2A] [2A] [30A] [6A] [6A]	LTE B12	10	23095	707.5	16QAM	1	0	5095	737.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	6820	2355	4x4	LTE B66	20	66786	2145	4x4	-	17.50	17.79

F.4.4

LTE Band 13 as PCC

Table F-20
Maximum Output Powers – Ant 4

Combination	PCC Band	PCC BW [MHz]	PCC [UL Ch]	PCC (UL) Freq. [MHz]	Mod.	PCC				DL Ant. Config.	SCC 1				DL Ant. Config.	SCC 2				DL Ant. Config.	SCC 3				DL Ant. Config.	SCC 4				DL Ant. Config.	Power	
						PCC UL RB	PCC UL RB Offset	PCC [DL Ch]	PCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC [DL Ch]	SCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC [DL Ch]	SCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC [DL Ch]	SCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC [DL Ch]	SCC (DL) Freq. [MHz]		LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]
CA [2A] [2A] [3A] (1)	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	-	-	-	-	-	-	-	-	-	18.14	18.30	
CA [2A] [2A] [3A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	18.09	18.30	
CA [2A] [3A] [4A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	-	-	-	-	18.12	18.30	
CA [2A] [3A] [4A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	-	-	-	-	18.13	18.30	
CA [4A] [4A] [3A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	-	-	-	18.07	18.30	
CA [3A] [4A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	18.13	18.30	
CA [3A] [4A] [6A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	-	-	-	-	18.07	18.30	
CA [2A] [7A] [7A] [3A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2955	4x4	LTE B7	20	2850	2830	4x4	-	-	-	-	-	18.07	18.30
CA [2A] [7C] [3A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2955	4x4	LTE B7	20	2920	2893.2	4x4	-	-	-	-	-	18.16	18.30
CA [2A] [3A] [4C]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50667	5517.7	2x2	-	-	-	-	-	18.12	18.30
CA [2A] [3A] [6B]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	18.08	18.30
CA [2A] [3A] [6C]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	18.10	18.30
CA [2A] [4C] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50667	5517.7	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	18.11	18.30
CA [3A] [4C] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50667	5517.7	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	18.10	18.30
CA [3A] [6A] [6C]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	15	67188	2192.2	4x4	LTE B66	15	67201	2192.5	4x4	-	-	-	-	-	18.14	18.30
CA [2A] [2A] [3A] [6A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.14	18.30
CA [2A] [2A] [3A] [6A] [6A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.14	18.30
CA [3A] [4C] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50667	5517.7	2x2	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.16	18.30
CA [3A] [6A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	15	67188	2192.2	4x4	LTE B66	15	67201	2192.5	4x4	-	-	-	-	-	18.14	18.30
CA [2A] [2A] [3A] [4A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.12	18.30
CA [3A] [4C] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50667	5517.7	2x2	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.16	18.30
CA [3A] [6A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	15	67188	2192.2	4x4	LTE B66	15	67201	2192.5	4x4	-	-	-	-	-	18.14	18.30
CA [2A] [3A] [4A] [6A]	LTE B13	10	23130	782	16QAM	25	12	5230	751	2x2	LTE B4	20	2175	2132.5	4x4	LTE B46	20	50665	5517.5	2x2	LTE B46	20	50665	5517.5	2x2	-	-	-	-	-	18.12	18.30

F.4.6

LTE Band 26 as PCC

Table F-22
Maximum Output Powers – Ant 4

Combination	PCC Band	PCC										SCC 1				SCC 2				Power			
		PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)	
CA [7A]-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	17.71	17.73
CA [25A]-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	-	17.70	17.73
CA 26A-[41A]	LTE B26	10	26990	844	QPSK	25	12	8990	889	2x2	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	17.71	17.73
CA [7A]-[7A]-26A	LTE B26	10	26990	844	QPSK	25	12	8990	889	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4		17.72	17.73
CA [25A]-[25A]-26A	LTE B26	3	27025	847.5	16QAM	1	0	9025	892.5	2x2	LTE B25	20	8365	1962.5	4x4	LTE B25	20	8590	1985	4x4		17.79	17.72
CA 26A-[41C]	LTE B26	10	26990	844	QPSK	25	12	8990	889	2x2	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4		17.69	17.73

F.4.7

LTE Band 5 as PCC

Table F-23
Maximum Output Powers – Ant 4

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Freq. [MHz]	Mod.	PCC					DL Ant. Config.	SCC 1					DL Ant. Config.	SCC 2					DL Ant. Config.	SCC 3					DL Ant. Config.	SCC 4					Power	
					PCC UL RB	PCC UL RB Offset	PCC (DL) Freq. [MHz]	PCC (DL) Freq. [MHz]	PCC (DL) Freq. [MHz]		SCC Band	SCC BW [MHz]	SCC (DL) Freq. [MHz]	SCC (DL) Freq. [MHz]	SCC Band		SCC BW [MHz]	SCC (DL) Freq. [MHz]	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]		SCC (DL) Freq. [MHz]	SCC (DL) Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC (DL) Freq. [MHz]		SCC (DL) Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)				
CA SA [7A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.58	17.77			
CA SA [25A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.59	17.77			
CA SA-[41A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.83	17.77			
CA SA-[48A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B48	20	35980	3825	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.82	17.77			
CA [2A]-SA [7A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	-	-	-	-	-	17.78	17.77		
CA [2A]-SA-[48A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B48	20	35980	3825	2x2	-	-	-	-	-	-	-	-	-	-	-	17.82	17.77		
CA [2A]-SA-[7C]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B2	20	702	1980.2	4x4	-	-	-	-	-	-	-	-	-	-	-	17.78	17.77		
CA SA [7A]-[7A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	-	-	-	-	-	-	17.81	17.77		
CA SA-[48A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B48	20	35980	3825	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	17.77	17.77		
CA [2A]-[2A]-[4A]-SA	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B2	20	700	1980	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	17.68	17.77		
CA [2A]-[4A]-[4A]-SA	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	20	6620	2151	4x4	-	-	-	-	-	-	17.74	17.77		
CA [2A]-[4A]-SA-[3A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	20	2150	2150	4x4	-	-	-	-	-	-	17.69	17.77		
CA [2A]-SA [7A]-[7A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	-	17.71	17.77		
CA [2A]-SA-[7C]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	-	17.75	17.77		
CA [2A]-SA-[48C]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B48	20	35980	3825	2x2	LTE B48	20	35980	3825	2x2	-	-	-	-	-	-	17.71	17.77		
CA [4A]-[4A]-SA-[3A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	20	2150	2150	4x4	LTE B30	20	6620	2151	4x4	-	-	-	-	-	-	17.56	17.77		
CA [4A]-[4A]-[5B]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B5	20	2453	874.3	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	20	2150	2150	4x4	-	-	-	-	-	-	17.67	17.77		
CA SA-[4A]-[66A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	-	-	-	-	17.71	17.77		
CA SA [7A]-[66A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	-	-	-	-	17.46	17.77		
CA SA-[48C]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B48	20	35980	3825	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	17.64	17.77		
CA SA-[66A]-[66B]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67186	2185.1	4x4	LTE B66	20	67286	2195	4x4	-	-	-	-	-	-	17.24	17.77		
CA SA-[66A]-[66C]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	17.57	17.77		
CA [2A]-[2A]-SA-[3A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B2	20	700	1980	4x4	LTE B30	20	6620	2151	4x4	LTE B66	20	66786	2145	4x4	-	-	17.58	17.77	
CA [2A]-[2A]-SA-[6A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B2	20	700	1980	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	17.57	17.77	
CA [2A]-[2A]-SA-[6A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B2	20	700	1980	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66679	2154.3	4x4	-	-	17.56	17.77	
CA [2A]-SA [2A]-[6A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B2	20	800	1960	4x4	LTE B30	20	6620	2151	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	17.55	17.77	
CA [2A]-[5B]-[66A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B5	20	2453	874.3	2x2	LTE B2	20	800	1960	4x4	LTE B30	20	6620	2151	4x4	LTE B66	20	66786	2145	4x4	-	-	17.59	17.77	
CA [2A]-[5B]-[66B]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B5	20	2453	874.3	2x2	LTE B2	20	800	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	17.60	17.77	
CA [2A]-[5B]-[66C]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B5	20	2453	874.3	2x2	LTE B2	20	800	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66786	2145	4x4	-	-	17.62	17.77	
CA SA [7C]-[66A]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2150	4x4	-	-	17.64	17.77	
CA SA-[48C]-[66A]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B48	20	35980	3825	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	17.77	17.77		
CA SA-[66A]-[66B]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67186	2185	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	17.78	17.77		
CA SA-[66A]-[66C]	LTE B5	5	20520	836.5	16QAM	1	0	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	17.77	17.77		

LTE Band 30 as PCC

Table F-26
Maximum Output Powers – Ant 3b

Combination		PCC										SCC1										SCC2										SCC3										SCC4										Power	
		PCC Band	PCC BW [MHz]	PCC [U] Ch.	PCC [U] Freq. [MHz]	Mod.	PCC U/LB RB	PCC U/LB RB Offset	PCC [U] Ch.	PCC [U] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC [U] Ch.	SCC [U] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [U] Ch.	SCC [U] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [U] Ch.	SCC [U] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [U] Ch.	SCC [U] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [U] Ch.	SCC [U] Freq. [MHz]	DL Ant. Config.	LTE Tx Power with 64-QAM [dBm]	LTE Single Carrier Tx Power [dBm]																
CA [2,12] [9A]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B2	20	700	1540	4x4	LTE B2	20	700	1540	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [9B] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B2	20	700	1540	4x4	LTE B2	20	700	1540	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [9B] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [4,14] [12A] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [2,12] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [2,12] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [4,14] [4,14] [12A] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [4,14] [4,14] [12A] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [2,12] [9B]	LTE B30	10	27750	2310	QPSK	25	12	9820	2355	4x4	LTE B2	20	9800	1960	4x4	LTE B4	20	2175	2112.5	4x4	LTE B4	20	2175	2112.5	4x4	LTE B12	10	2520	881.5	2x2	LTE B56	20	66700	2140	4x4	14.48	14.48																
CA [2,12] [2,12] [2,12] [9B]	LTE B30	10	27750	2310	QPSK	25	12																																														

F.4.11

LTE Band 7 as PCC

Table F-27
Maximum Output Powers – Ant 3b

Combination		PCB Band	PCC				SCC1				SCC2				SCC3				SCC4				Power								
			PCB BW [MHz]	PCC [UL] Freq. [MHz]	Mod.	PCC LULs RB	PCC UL RB Offset	PCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	LTE Tx Power with CCs Enabled [dBm]	LTE Single Carrier Tx Power [dBm]
CA [5A] (7A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B5	10	7520	881.5	2x2														13.16	13.88	
CA [7A] (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B5	10	8865	876.5	2x2														13.15	13.88	
CA [7A] (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B20	10	9735	722.5	2x2														13.25	13.88	
CA [7A] (4A) (3A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B46	20	50665	5037.5	2x2														13.65	13.88	
CA [7B]	LTE B7	15	21330	2560.5	16QAM	1	35	3375	2672.5	4x4	LTE B7	15	1282	2673.5	4x4														13.90	13.87	
CA [2A] (5A) (7A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2325	881.5	2x2										13.60	13.88
CA [2A] (5A) (7A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B2	20	2325	881.5	2x2														13.61	13.88	
CA [2A] (7A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B2	20	2325	881.5	2x2														13.60	13.88	
CA [5A] (7A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B7	20	2325	881.5	2x2														13.60	13.88	
CA [7A] (2A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2325	881.5	2x2										13.60	13.88
CA [7A] (4A) (3A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B46	20	50665	5037.5	2x2														13.72	13.88	
CA [7C] (4A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B7	20	5152	2660.2	4x4	LTE B46	20	50665	5037.5	2x2										13.97	13.88
CA [2A] (4A) (7A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B7	20	2325	881.5	2x2														13.58	13.88	
CA [2A] (4A) (7A) (2A)	LTE B7	20	21330	2560	16QAM	1	0	3350	2680	4x4	LTE B7	20	2325	881.5	2x2														13.58	13.88	
CA [2A] (4A) (7C)	LTE B7	20	21330																												

F.4.12

LTE Band 41 as PCC

Table F-28
Maximum Output Powers – Ant 3b

Combination	PCC Band	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power				
		PCC BW [MHz]	PCC DU Ch.	PCC Freq. [MHz]	Mod.	PCC UL Freq. [MHz]	PCC DU Ch.	PCC Freq. [MHz]	Dl Ant. Config.	SCC BW [MHz]	SCC DU Ch.	SCC Freq. [MHz]	Dl Ant. Config.	SCC BW [MHz]	SCC DU Ch.	SCC Freq. [MHz]	Dl Ant. Config.	SCC BW [MHz]	SCC DU Ch.	SCC Freq. [MHz]	Dl Ant. Config.	LTE Tx Power With DL CA [dBm]	LTE Single Carrier Tx Power [dBm]			
CA 5A (4A)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B5	10	2525	2613.5	2x2	-	-	-	-	-	-	-	14.58	14.43		
CA 5B (4A)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B38	10	2610	2636.5	2x2	-	-	-	-	-	-	-	14.58	14.43		
CA (4A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	39750	2506	4x4	LTE B25	20	8395	1950.5	4x4	LTE B25	20	8395	1950.5	14.46	14.43
CA (25A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B25	20	8395	1950.5	4x4	LTE B25	20	8395	1950.5	14.44	14.43
CA (25A) (4A) (2)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B25	20	8395	1950.5	4x4	LTE B25	20	8395	1950.5	14.44	14.43
CA (4A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	39948	2523.8	4x4	LTE B41	20	39750	2506	4x4	LTE B41	20	39750	2506	14.47	14.43
CA (4A) (4A) (2)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	39750	2506	4x4	LTE B41	20	39750	2506	4x4	LTE B41	20	39750	2506	14.44	14.43
CA (25A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B25	20	8395	1950.5	4x4	LTE B25	20	8395	1950.5	14.44	14.43
CA (4A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	39948	2523.8	4x4	LTE B41	20	39750	2506	4x4	LTE B41	20	39750	2506	14.47	14.43
CA (4A) (4A) (2)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (4A) (4A) (3)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (4A) (4A) (4)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (4A) (4A) (5)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (4A) (4A) (6)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (4A) (4A) (7)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40039	2596.9	4x4	LTE B41	20	39750	2506	14.48	14.43
CA (25A) (25A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40587	2526.7	4x4	LTE B25	20	8395	1950.5	14.60	14.43
CA (4A) (4A) (4A) (1)	LTE B41	20	41005	2636.5	16QAM	1	0	41005	2636.5	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	40587	2526.7	4x4	LTE B41	20	39750	2506	14.47	14.43

FCC ID: BCGA2568	 PCTEST Product to be part of e element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021 – 08/23/2021	DUT Type: Tablet Device	APPENDIX F: Page 11 of 14	

F.4.13

LTE Band 48 as PCC

Table F-29
Maximum Output Powers – Ant 2

Combination	PCC										SCC 1				SCC 2				SCC 3				SCC 4				Power								
	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL# RB Offset	PCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]				
CA 3A (48A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.46	12.50			
CA [2A] 13A (48A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B13	10	5230	751	2x2	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	12.46	12.50		
CA [2A] 48A (48A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	-	12.47	12.50	
CA [2A] 48A (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	-	12.07	12.50	
CA [3A] 48A (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	-	-	12.44	12.50	
CA [2A] 48C (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B2	20	900	1960	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.44	12.50
CA [3A] 48C (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B13	10	5230	751	2x2	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.41	12.50
CA [48A] 48A (56A) (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	12.36	12.50
CA [48A] 48C (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.50	12.50
CA [48C] 48A (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.41	12.50
CA [48C] 48C (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.37	12.50
CA [2A] 48C (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B2	20	900	1960	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.42	12.50
CA [2A] 48E (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.48	12.50
CA [3A] 48E (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B13	10	5230	751	2x2	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.53	12.50
CA [3A] 48E (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	12.50	12.50
CA [48E] 48A (56A)	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B48	20	56207	3646.7	4x4	LTE B56	20	66786	2145	4x4	-	-	-	-	-	-	-	-	12.41	12.50

F.5 Downlink Carrier Aggregation with Intra-band Uplink Carrier Aggregation enabled

This device supports intra-band uplink carrier aggregation (ULCA) with additional Carrier Aggregation configurations active in the downlink. Power measurements were performed with intra-band ULCA active and additional CA configurations active in the downlink for the configuration per Fall 2017 TCB Workshop Notes.

Per FCC Guidance, additional SAR measurements for these configurations were not required since their maximum output power was not more than 0.25 dB higher than the maximum output power for with only ULCA active.

F.5.1

DL Carrier Aggregation RF Conducted Power

F.5.1.1 LTE Band 48

Table F-30
Maximum Output Powers – Ant 2

Combination	PCC Band	PCC								SCC 1				SCC 2				SCC 3				Power								
		PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC [DL] Ch.	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [UL] Ch.	SCC [UL] Freq. [MHz]	Mod	SCC UL # RB	SCC UL RB Offset	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	ULCA Tx Power with DL CA Enabled [dBm]	ULCA Tx Power [dBm]	
CA 48D	LTE B48	20	55773	3603.3	QPSK	50	50	55773	3603.3	LTE B48	20	55971	3623.1	QPSK	50	0	55971	3623.1	LTE B48	20	56244	3650.4	4x4	-	-	-	-	-	12.37	12.41
CA 48E	LTE B48	20	55773	3603.3	QPSK	50	50	55773	3603.3	LTE B48	20	55971	3623.1	QPSK	50	0	55971	3623.1	LTE B48	20	56244	3650.4	4x4	LTE B48	20	56367	3662.7	12.42	12.41	

F.5.1.2 LTE Band 41

Table F-31
Maximum Output Powers – Ant 3b

Combination	PCC										SCC 1				SCC 2				SCC 3				SCC 4				Power						
	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL# RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC [DL] Ch.	SCC [DL] Freq. [MHz]	DL Ant. Config.	LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]	
CA 41C-41A	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41750	2906	-	-	-	-	-	-	-	14.29	14.29
CA 41D-41A	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41292	2880.2	-	-	-	-	-	-	-	14.27	14.29
CA 41D-41E	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41292	2880.2	-	-	-	-	-	-	-	14.27	14.29
CA 41E	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41292	2880.2	-	-	-	-	-	-	-	14.27	14.29
CA 41C-41D	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41292	2880.2	-	-	-	-	-	-	-	14.27	14.29
CA 41D-41E	LTE B41	20	41490	2880	QPSK	1	0	41490	2880	1T1R	LTE B41	20	41292	2880.2	QPSK	1	0	41292	2880.2	1T1R	LTE B41	20	41292	2880.2	-	-	-	-	-	-	-	14.27	14.29

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DL Carrier Aggregation with DL 4x4 MIMO RF Conducted Powers

Note: 4x4 DL MIMO is only operating in the downlink. Uplink transmission is limited to a single output stream for each component carrier of ULCA.

F.5.2.1 LTE Band 48

Table F-32
Maximum Output Powers – Ant 2

Combination	PCC										SCC 1										SCC 2										SCC 3										Power	
	PCC Band	PCC BW [MHz]	PCC UL Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC LAR	PCC LR Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC UL Ch.	SCC (UL) Freq. [MHz]	Mod.	SCC UL # RB	SCC UL RB Offset	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	ULCA Tx Power with DL CA Enabled (dBm)	ULCA Tx Power (dBm)										
CA 4A0C	LTE B40	20	55773	3603.3	QPSK	50	50	55773	3603.3	4x4	LTE B40	20	55971	3623.1	QPSK	50	0	55971	3623.1	4x4	-	-	-	-	-	-	-	-	-	-	-	12.40	12.41									
CA 4A0D	LTE B40	20	55773	3603.3	QPSK	50	50	55773	3603.3	4x4	LTE B40	20	55971	3623.1	QPSK	50	0	55971	3623.1	4x4	LTE B40	20	55650	3642.9	4x4	-	-	-	-	-	-	12.39	12.41									
CA 4A0F	LTE B40	20	55773	3603.3	QPSK	50	50	55773	3603.3	4x4	LTE B40	20	55971	3623.1	QPSK	50	0	55971	3623.1	4x4	LTE B40	20	55650	3642.9	4x4	LTE B40	20	55650	3642.9	4x4	-	12.39	12.41									

F.5.2.2 LTE Band 41

Table F-33
Maximum Output Powers – Ant 3b

Combination	PCB Band	PCB										SCC 1										SCC 2										SCC 3										SCC 4										Power	
		PCB RW [MHz]	PCB [dB]	PCB [dB] Freq. [MHz]	Mod.	PCB UB	PCB UB H Other	PCB [dB] Ch.	PCB [dB] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC RW [MHz]	SCC [dB]	SCC [dB] Freq. [MHz]	Mod.	SCC UB # RB	SCC UB H Other	SCC [dB] Ch.	SCC [dB] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC RW [MHz]	SCC [dB]	SCC [dB] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC RW [MHz]	SCC [dB]	SCC [dB] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC RW [MHz]	SCC [dB]	SCC [dB] Freq. [MHz]	DL Ant. Config.	SCC Band	SCC RW [MHz]	SCC [dB]	SCC [dB] Freq. [MHz]	DL Ant. Config.	ULCA Tn Power (dBm)	ULCA Tn Power [dBm]											
CA (4121-4141)	LTE B1	20	-43.00	2080	QPSK	1	0	-43.00	2080	4x4	LTE B1	20	-43.00	2080	QPSK	1	99	-43.00	2080	4x4	LTE B1	20	-39.70	2500	4x4	LTE B1	20	-39.70	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-39.70	2500	4x4	14.10	14.10											
CA (4131)	LTE B1	20	-43.00	2080	QPSK	1	0	-43.00	2080	4x4	LTE B1	20	-43.00	2080	QPSK	1	99	-43.00	2080	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	-	-	-	-	-	-	-	-	14.20	14.20													
CA (4121-4131)	LTE B1	20	-43.00	2080	QPSK	1	0	-43.00	2080	4x4	LTE B1	20	-43.00	2080	QPSK	1	99	-43.00	2080	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-39.70	2500	4x4	14.10	14.10											
CA (4121-4131)	LTE B1	20	-43.00	2080	QPSK	1	0	-43.00	2080	4x4	LTE B1	20	-43.00	2080	QPSK	1	99	-43.00	2080	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-39.70	2500	4x4	14.10	14.10											
CA (4121-4131)	LTE B1	20	-43.00	2080	QPSK	1	0	-43.00	2080	4x4	LTE B1	20	-43.00	2080	QPSK	1	99	-43.00	2080	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-40.00	2500	4x4	LTE B1	20	-39.70	2500	4x4	14.20	14.20											

F.5.2.3 LTE Band 7

Table F-34
Maximum Output Powers – Ant 3b

Combination	PCC										SCC 1										Power	
	PCC Band	PCC BW [MHz]	PCC UL Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (UL) Ch.	SCC (UL) Freq. [MHz]	Mod	SCC UL # RB	SCC UL RB Offset	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	ULCA Tx.Power with DL CA Enabled (dbm)	ULCA Tx Power (dbm)
CA {7C}	LTE B7	20	21350	2560	QPSK	50	0	2525	2680	4x4	LTE B7	20	21152	2540.2	QPSK	50	50	3152	2660.2	4x4	13.57	13.59

F.5.2.4 LTE Band 66

Table F-35
Maximum Output Powers – Ant 4

Combination	PCC										SCC 1										Power		
	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (UL) Ch.	SCC (UL) Freq. [MHz]	Mod	SCC UL # RB	SCC UL RB Offset	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	ULCA Tx Power with UL CA Enabled (dbm)	ULCA Tx Power (dbm)	
CA {66C}	LTE B66	20	132572	1770	QPSK	50	0	67036	2170	4x4	LTE B66	20	132374	2150	QPSK	50	50	66838	2150	2	4x4	13.10	13.11
CA {66B}	LTE B66	10	132622	1775	QPSK	35	0	67086	2175	4x4	LTE B66	10	132573	2155	QPSK	35	25	66982	2165	1	4x4	13.10	13.12

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F.6 Downlink Carrier Aggregation with Inter-band Uplink Carrier Aggregation enabled

This device supports inter-band uplink carrier aggregation (ULCA) with additional Carrier Aggregation configurations active in the downlink. Power measurements were performed with inter-band ULCA active and additional CA configurations active in the downlink for the configuration per Fall 2017 TCB Workshop Notes.

Per FCC Guidance, additional SAR measurements for these configurations were not required since their maximum output power was not more than 0.25 dB higher than the maximum output power for with only ULCA active.

F.6.1 DL Carrier Aggregation RF Conducted Powers

Table F-36
Maximum Output Powers

Combination	PCC										SCC 1										SCC 2										Antenna		Power			
	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Modulation	PCC UL RB	PCC UL RB Offset	PCC [DL] Ch.	PCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [UL] Ch.	SCC [UL] Freq. [MHz]	Modulation	SCC UL RB	SCC UL RB Offset	SCC [DL] Channel	SCC [DL] Frequency [MHz]	SCC Band	SCC BW [MHz]	SCC [UL] Ch.	SCC [UL] Freq. [MHz]	PCC Ant	SCC Ant	Interband ULCA Tx Power with add'l DL CA active (dBm)		LTE Interband ULCA Tx Power (dBm)									
																									PCC	SCC	PCC	SCC								
CA 2A-5A-66A	LTE B5	10	20525	836.5	QPSK	1	25	2325	881.5	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B66	20	66786	2145	4	2	17.11	13.21	17.11	13.21								
CA 2A-12A-30A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B30	10	6620	2395	4	2	17.18	13.35	17.60	13.33								
CA 2A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B66	20	66786	2145	4	2	17.75	13.36	17.60	13.33								
CA 2A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1960	4	2	17.11	13.37	17.60	13.33								
CA 2A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1960	4	2	17.82	13.59	18.00	13.56								
CA 2A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B66	20	66786	2145	4	2	17.82	13.59	18.00	13.56								
CA 2A-13A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B2	20	900	1960	4	2	17.82	13.59	18.00	13.56								
CA 2A-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B4	20	2175	2132.5	4	2	17.89	13.81	18.00	13.56								
CA 2A-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B4	20	20375	1732.5	QPSK	1	50	2175	2132.5	LTE B2	20	900	1960	4	2	17.84	13.47	18.01	13.54								
CA 2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B66	20	66786	2145	4	2	17.83	13.57	18.00	13.56								
CA 2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B13	10	23230	782	4	2	17.44	17.36	17.44	17.36								
CA 2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1960	4	2	17.80	13.49	17.95	13.57								
CA 2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1960	4	2	17.46	13.24	17.64	13.44								
CA 2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B66	20	66786	2145	4	2	17.47	13.29	17.64	13.44								
CA 5A-7A-7A	LTE B5	10	20525	836.5	QPSK	1	25	2325	881.5	LTE B7	20	21280	2535	QPSK	1	50	3380	2655	LTE B7	20	2850	2630	4	3b	17.47	13.75	17.60	13.68								
CA 5A-7A-7A	LTE B7	20	21280	2560	QPSK	1	25	3380	2655	LTE B5	10	20525	836.5	QPSK	1	25	2325	881.5	LTE B7	20	2850	2630	3b	4	17.52	17.64	17.52	17.64								
CA 5A-66A-66A	LTE B5	10	20525	836.5	QPSK	1	25	2325	881.5	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B66	20	67236	2190	4	2	17.82	13.50	17.95	13.50								
CA 5A-66A-66A	LTE B66	20	13322	1770	QPSK	1	50	66786	2145	LTE B5	10	20525	836.5	QPSK	1	25	2325	881.5	LTE B66	20	67236	2190	4	2	17.40	16.95	17.40	16.95								
CA 13A-66A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B66	20	67236	2190	4	2	17.82	13.54	17.95	13.57								
CA 13A-66A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	13322	1745	QPSK	1	50	66786	2145	LTE B66	20	67236	2190	4	2	13.46	17.21	13.50	17.11								

F.6.2 DL Carrier Aggregation with DL 4x4 MIMO RF Conducted Powers

Note: 4x4 DL MIMO is only operating in the downlink. Uplink transmission is limited to a single output stream for each component carrier of ULCA.

Table F-37
Maximum Output Powers

Combination	PCC										SCC 1										SCC 2										Antenna		Power			
	PCC Band	PCC Bandwidth [MHz]	PCC [UL] Channel	PCC [UL] Frequency [MHz]	Modulation	PCC UL RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Frequency [MHz]	DL Ant. Config.	PCC Band	PCC Bandwidth [MHz]	SCC [UL] Ch.	SCC [UL] Freq. [MHz]	Modulation	SCC UL RB	SCC UL RB Offset	SCC [DL] Channel	SCC [DL] Frequency [MHz]	DL Ant. Config.	SCC Band	SCC Bandwidth [MHz]	SCC [UL] Channel	SCC [UL] Frequency [MHz]	DL Ant. Config.	PCC Ant	SCC Ant	Interband ULCA Tx Power with add'l CA active [dBm]		LTE Interband ULCA Tx Power [dBm]						
																												PCC	SCC	PCC	SCC					
CA 1A-1A	LTE B1	10	20525	836.5	QPSK	1	25	2325	881.5	2x2	LTE B4	10	20525	1732.5	QPSK	1	25	2175	2132.5	4x4	LTE B1	10	1845	1845	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11		
CA 1A-1A-10A	LTE B1	10	20525	836.5	QPSK	1	25	2325	881.5	2x2	LTE B5	10	20525	836.5	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-1A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-10A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B10	10	6620	2395	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-10A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-12A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B2	20	900	1960	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	4	2	17.10	13.11	17.10	13.11	17.10	13.11			
CA 1A-12A-13A	LTE B13</																																			

APPENDIX G: POWER REDUCTION VERIFICATION

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Approved by: Quality Manager
Test Dates: 06/23/2021-08/23/2021	DUT Type: Tablet Device		APPENDIX G Page 1 of 3

The device supports manufacturer's proprietary power reduction mechanism called "Detect Mode" for the Main Cellular Antenna. Details of this mechanism can be found in the Operational Description. When the device is being used "on-body" or "held in hand" by the user, the device will detect motion and reduce the power of the main antenna. Per the manufacturer, the mechanism is agnostic to different cellular air interfaces. Detect Mode operation was verified for two test cases, on-body and held in hand, for each supported cellular band. The power reduction verification results are below.

1.1 Main Antenna Power Verification Summary

Table G-1
Main Antenna Power Verification

Mode/Band	Antenna	Maximum Scenario Maximum Allowed Target Power [dBm]	Mode			
			Free Body Space	Test Case 1	Test Case 2	Verdict
WCDMA B5	Antenna 2	24.20 (± 1)	24.22*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.10*	DSI 1^	DSI 1^	PASS
WCDMA B4	Antenna 1B	21.70 (± 1)	22.15*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.22*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.19*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.19*	DSI 1^	DSI 1^	PASS
WCDMA B2	Antenna 1B	21.70 (± 1)	21.89*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	22.88*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	23.97*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.09*	DSI 1^	DSI 1^	PASS
LTE Band 71	Antenna 2	24.20 (± 1)	23.80*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.90*	DSI 1^	DSI 1^	PASS
LTE Band 12	Antenna 2	24.20 (± 1)	24.03*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.78*	DSI 1^	DSI 1^	PASS
LTE Band 17	Antenna 2	24.20 (± 1)	23.91*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.93*	DSI 1^	DSI 1^	PASS
LTE Band 13	Antenna 2	24.20 (± 1)	23.90*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.74*	DSI 1^	DSI 1^	PASS
LTE Band 14	Antenna 2	24.20 (± 1)	23.97*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.98*	DSI 1^	DSI 1^	PASS
LTE Band 26	Antenna 2	24.20 (± 1)	24.15*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.15*	DSI 1^	DSI 1^	PASS
LTE Band 5	Antenna 2	24.20 (± 1)	24.17*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.06*	DSI 1^	DSI 1^	PASS
LTE Band 4	Antenna 1B	21.70 (± 1)	22.05*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.07*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.14*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.03*	DSI 1^	DSI 1^	PASS
LTE Band 66	Antenna 1B	21.70 (± 1)	21.92*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.02*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.07*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.01*	DSI 1^	DSI 1^	PASS
LTE Band 2	Antenna 1B	21.70 (± 1)	21.85*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	22.82*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	23.97*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.97*	DSI 1^	DSI 1^	PASS
LTE Band 25	Antenna 1B	21.70 (± 1)	21.81*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	22.78*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.25*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.00*	DSI 1^	DSI 1^	PASS
LTE Band 30	Antenna 1B	21.70 (± 1)	21.50*	DSI 1^	DSI 1^	PASS
	Antenna 2	21.70 (± 1)	22.05*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.20 (± 1)	23.14*	DSI 1^	DSI 1^	PASS
	Antenna 4	21.00 (± 1)	21.60*	DSI 1^	DSI 1^	PASS
LTE Band 7	Antenna 1B	21.70 (± 1)	21.73*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	22.31*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.20 (± 1)	23.22*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.15*	DSI 1^	DSI 1^	PASS
LTE Band 41 (PC3)	Antenna 1B	23.70 (± 1)	23.67*	DSI 1^	DSI 1^	PASS
	Antenna 2	24.20 (± 1)	24.43*	DSI 1^	DSI 1^	PASS
	Antenna 3b	24.70 (± 1)	24.87*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.00*	DSI 1^	DSI 1^	PASS
LTE Band 41 (PC2)	Antenna 1B	23.70 (± 1)	23.76*	DSI 1^	DSI 1^	PASS
	Antenna 2	24.20 (± 1)	24.46*	DSI 1^	DSI 1^	PASS
	Antenna 3b	25.20 (± 1)	24.77*	DSI 1^	DSI 1^	PASS
	Antenna 4	26.70 (± 1)	26.97*	DSI 1^	DSI 1^	PASS
LTE Band 48	Antenna 1a	18.60 (± 1)	18.20*	DSI 1^	DSI 1^	PASS
	Antenna 2	19.30 (± 1)	18.63*	DSI 1^	DSI 1^	PASS
	Antenna 3a	18.40 (± 1)	18.09*	DSI 1^	DSI 1^	PASS
	Antenna 4	18.90 (± 1)	18.38*	DSI 1^	DSI 1^	PASS
LTE B5 Intra-Band ULCA	Antenna 2	24.20 (± 1)	23.85*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.23*	DSI 1^	DSI 1^	PASS
LTE Band 66 Intra-band ULCA Band C	Antenna 1B	22.00 (± 1)	22.29*	DSI 1^	DSI 1^	PASS
	Antenna 2	23.00 (± 1)	23.17*	DSI 1^	DSI 1^	PASS
	Antenna 3b	24.00 (± 1)	24.24*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.87*	DSI 1^	DSI 1^	PASS
LTE Band 66 Intra-band ULCA Band B	Antenna 1B	22.00 (± 1)	22.43*	DSI 1^	DSI 1^	PASS
	Antenna 2	23.00 (± 1)	23.10*	DSI 1^	DSI 1^	PASS
	Antenna 3b	24.00 (± 1)	24.25*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.07*	DSI 1^	DSI 1^	PASS
LTE B7 Intra-Band ULCA	Antenna 1B	22.00 (± 1)	21.70*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.50 (± 1)	22.28*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.50 (± 1)	23.22*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	23.74*	DSI 1^	DSI 1^	PASS
LTE B41 (PC3) Intra-Band ULCA	Antenna 1B	24.00 (± 1)	23.73*	DSI 1^	DSI 1^	PASS
	Antenna 2	24.50 (± 1)	24.11*	DSI 1^	DSI 1^	PASS
	Antenna 3b	24.70 (± 1)	24.50*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.45*	DSI 1^	DSI 1^	PASS
LTE B41 (PC2) Intra-Band ULCA	Antenna 1B	24.00 (± 1)	23.94*	DSI 1^	DSI 1^	PASS
	Antenna 2	24.50 (± 1)	24.50*	DSI 1^	DSI 1^	PASS
	Antenna 3b	25.50 (± 1)	25.42*	DSI 1^	DSI 1^	PASS
	Antenna 4	27.00 (± 1)	26.96*	DSI 1^	DSI 1^	PASS
LTE B48 Intra-Band ULCA	Antenna 1a	18.60 (± 1)	18.66*	DSI 1^	DSI 1^	PASS
	Antenna 2	19.30 (± 1)	19.30*	DSI 1^	DSI 1^	PASS
	Antenna 3a	18.40 (± 1)	18.54*	DSI 1^	DSI 1^	PASS
	Antenna 4	18.90 (± 1)	18.97*	DSI 1^	DSI 1^	PASS

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Table G-2
Main Antenna Power Verification (Cont.)

Mode/Band	Antenna	Maximum Scenario Maximum Allowed Target Power [dBm]	Mode			
			Free Body Space	Test Case 1	Test Case 2	Verdict
NR n71	Antenna 2	24.20 (± 1)	23.78*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.96*	DSI 1^	DSI 1^	PASS
NR n12	Antenna 2	24.20 (± 1)	24.10*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.17*	DSI 1^	DSI 1^	PASS
NR n5	Antenna 2	24.20 (± 1)	24.38*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.31*	DSI 1^	DSI 1^	PASS
NR n66	Antenna 1b	21.70 (± 1)	21.51*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.10*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	23.30*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.25*	DSI 1^	DSI 1^	PASS
NR n2	Antenna 1b	21.70 (± 1)	22.01*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.06*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.07*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.93*	DSI 1^	DSI 1^	PASS
NR n25	Antenna 1b	21.70 (± 1)	22.22*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.70 (± 1)	23.20*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.70 (± 1)	24.15*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	25.06*	DSI 1^	DSI 1^	PASS
NR n30	Antenna 1b	17.20 (± 1)	17.03*	DSI 1^	DSI 1^	PASS
	Antenna 2	17.70 (± 1)	17.55*	DSI 1^	DSI 1^	PASS
	Antenna 3b	18.70 (± 1)	18.69*	DSI 1^	DSI 1^	PASS
	Antenna 4	20.20 (± 1)	20.11*	DSI 1^	DSI 1^	PASS
NR n7	Antenna 1b	21.70 (± 1)	20.83*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	21.34*	DSI 1^	DSI 1^	PASS
	Antenna 3b	23.20 (± 1)	22.25*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	23.75*	DSI 1^	DSI 1^	PASS
NR n41(PC3)	Antenna 1b	24.70 (± 1)	24.06*	DSI 1^	DSI 1^	PASS
	Antenna 2	24.70 (± 1)	23.91*	DSI 1^	DSI 1^	PASS
	Antenna 3b	22.70 (± 1)	22.97*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	23.76*	DSI 1^	DSI 1^	PASS
NR n41(PC2)	Antenna 1b	26.70 (± 1)	25.70*	DSI 1^	DSI 1^	PASS
	Antenna 2	26.70 (± 1)	25.71*	DSI 1^	DSI 1^	PASS
	Antenna 3b	22.70 (± 1)	22.84*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.70*	DSI 1^	DSI 1^	PASS
NR n77(PC3) DOD	Antenna 1a	23.20 (± 1)	22.87*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	22.19*	DSI 1^	DSI 1^	PASS
	Antenna 3a	24.70 (± 1)	24.66*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.79*	DSI 1^	DSI 1^	PASS
NR n77(PC3) Band C	Antenna 1a	23.20 (± 1)	22.80*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	22.11*	DSI 1^	DSI 1^	PASS
	Antenna 3a	24.70 (± 1)	24.69*	DSI 1^	DSI 1^	PASS
	Antenna 4	24.70 (± 1)	24.66*	DSI 1^	DSI 1^	PASS
NR n77(PC2) DOD	Antenna 1a	23.20 (± 1)	24.09*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	22.59*	DSI 1^	DSI 1^	PASS
	Antenna 3a	25.20 (± 1)	25.74*	DSI 1^	DSI 1^	PASS
	Antenna 4	25.70 (± 1)	25.79*	DSI 1^	DSI 1^	PASS
NR n77(PC2) Band C	Antenna 1a	23.20 (± 1)	23.35*	DSI 1^	DSI 1^	PASS
	Antenna 2	22.20 (± 1)	22.33*	DSI 1^	DSI 1^	PASS
	Antenna 3a	25.20 (± 1)	25.11*	DSI 1^	DSI 1^	PASS
	Antenna 4	25.70 (± 1)	25.17*	DSI 1^	DSI 1^	PASS

Test Case 1: Device Held in Hand

Test Case 2: Device Resting on Lap

* No Smart Transmission behavior was observed during the measurement.

^ Smart Transmission behavior was observed during the measurement.

Test Cases represent typical scenarios in which the device power would be reduced. In these scenarios detect mode has been verified to identify typical on-body use-cases including when thin objects, such as a magazine or newspaper are placed between the body and the device. In the absence of detect mode output, the device defaults to the most conservative power.

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APPENDIX H: IEEE 802.11AX RU SAR EXCLUSION

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H.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T and 996T.

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

H.2 IEEE 802.11ax RU Target Powers

H.2.1 Maximum 802.11ax RU Time-Averaged Output Power

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - Antenna 1a	20 MHz Bandwidth	1	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		2	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		3	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		4	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		5	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		6	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		7	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		8	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		9	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		10	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		11	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		12	11.75	10.25	11.75	10.25	11.75	10.25	11.75	10.25
13	NS	NS	NS	NS	NS	NS	NS	NS		
Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 1a	20 MHz Bandwidth	1	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		2	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		3	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		4	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		5	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		6	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		7	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		8	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		9	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		10	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		11	12.25	10.75	12.25	10.75	12.25	10.75	12.25	10.75
		12	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 2 of 31

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - Antenna 3a	20 MHz Bandwidth	1	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		2	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		3	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		4	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		5	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		6	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		7	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		8	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		9	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		10	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		11	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		12	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		13	NS	NS	NS	NS	NS	NS	NS	NS

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 3a	20 MHz Bandwidth	1	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		2	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		3	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		4	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		5	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		6	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		7	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		8	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		9	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		10	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		11	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		12	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 3 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 5T	20 MHz Bandwidth	36	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00				
		40	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00				
		44	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00				
		48	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00				
		52	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		56	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		60	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		64	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		100	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		104	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		108	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		112	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		116	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		120	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		124	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		128	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		132	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		136	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		140	11.50	10.00	12.50	11.00	12.50	11.00	12.50	11.00				
	40 MHz Bandwidth	144	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75				
		149	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		153	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		157	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		161	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		165	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		38	11.50	10.00	12.50	11.00	12.50	11.00	12.50	11.00	12.50	11.00		
		46	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00	15.50	14.00		
		54	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		62	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50		
		102	11.50	10.00	12.50	11.00	12.50	11.00	12.50	11.00	12.50	11.00		
		110	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75		
		118	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75		
		126	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75		
		134	11.50	10.00	14.00	12.50	14.00	12.50	14.00	12.50	14.00	12.50		
		142	11.50	10.00	14.25	12.75	14.25	12.75	14.25	11.00	14.25	12.75		
	80 MHz Bandwidth	151	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		159	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		42	10.50	9.00	12.50	11.00	12.50	11.00	12.50	11.00	12.50	11.00	12.50	11.00
		58	11.00	9.50	12.50	11.00	12.50	11.00	12.50	11.00	12.00	10.50	12.50	11.00
		106	10.00	8.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		122	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		138	11.50	10.00	14.25	12.75	14.25	12.75	12.50	11.00	14.00	12.50	14.25	12.75
		155	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
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Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) CDD - 5GHz Antenna 5T	20 MHz Bandwidth	36	8.25	6.75	11.25	9.75	14.25	12.75	15.00	13.50				
		40	8.25	6.75	11.25	9.75	14.25	12.75	15.50	14.00				
		44	8.25	6.75	11.25	9.75	14.25	12.75	15.50	14.00				
		48	8.25	6.75	11.25	9.75	14.25	12.75	15.50	14.00				
		52	8.25	6.75	11.25	9.75	14.25	12.75	14.75	13.25				
		56	8.25	6.75	11.25	9.75	14.25	12.75	14.75	13.25				
		60	8.25	6.75	11.25	9.75	14.25	12.75	14.75	13.25				
		64	8.25	6.75	11.25	9.75	14.25	12.75	14.75	13.25				
		100	8.50	7.00	11.50	10.00	14.00	12.50	14.00	12.50				
		104	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		108	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		112	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		116	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		120	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		124	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		128	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		132	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		136	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		140	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50				
		144	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		149	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		153	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		157	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		161	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
		165	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25				
	40 MHz Bandwidth	38	8.25	6.75	11.25	9.75	12.50	11.00	12.50	11.00	12.50	11.00		
		46	8.25	6.75	11.25	9.75	14.25	12.75	15.50	14.00	15.50	14.00		
		54	8.25	6.75	11.25	9.75	14.25	12.75	14.75	13.25	14.75	13.25		
		62	8.25	6.75	11.25	9.75	12.00	10.50	12.00	10.50	12.00	10.50		
		102	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50		
		110	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		118	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		126	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		134	8.50	7.00	11.50	10.00	13.75	12.25	13.75	12.25	13.75	12.25		
		142	8.50	7.00	11.50	10.00	14.25	12.75	12.00	10.50	14.25	12.75		
		151	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		159	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
	80 MHz Bandwidth	42	8.25	6.75	11.25	9.75	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		58	8.25	6.75	11.25	9.75	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		106	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		122	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
		138	8.50	7.00	11.50	10.00	14.25	12.75	12.00	10.50	13.75	12.25	14.25	12.75
		155	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 5 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) SDM - 5GHz Antenna 5T	20 MHz Bandwidth	36	8.50	7.00	11.50	10.00	14.50	13.00	15.00	13.50				
		40	8.50	7.00	11.50	10.00	14.50	13.00	15.50	14.00				
		44	8.50	7.00	11.50	10.00	14.50	13.00	15.50	14.00				
		48	8.50	7.00	11.50	10.00	14.50	13.00	15.50	14.00				
		52	8.50	7.00	11.50	10.00	14.50	13.00	14.75	13.25				
		56	8.50	7.00	11.50	10.00	14.50	13.00	14.75	13.25				
		60	8.50	7.00	11.50	10.00	14.50	13.00	14.75	13.25				
		64	8.50	7.00	11.50	10.00	14.50	13.00	14.75	13.25				
		100	8.50	7.00	11.50	10.00	14.00	12.50	14.00	12.50				
		104	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		108	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		112	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		116	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		120	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		124	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		128	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		132	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		136	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
		140	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50				
		144	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75				
	149	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25					
	153	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25					
	157	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25					
	161	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25					
	165	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25					
	40 MHz Bandwidth	38	8.50	7.00	11.50	10.00	12.50	11.00	12.50	11.00	12.50	11.00		
		46	8.50	7.00	11.50	10.00	14.50	13.00	15.50	14.00	15.50	14.00		
		54	8.50	7.00	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25		
		62	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50		
		102	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50		
		110	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		118	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		126	8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75		
		134	8.50	7.00	11.50	10.00	13.75	12.25	13.75	12.25	13.75	12.25		
		142	8.50	7.00	11.50	10.00	14.25	12.75	12.00	10.50	14.25	12.75		
		151	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		159	11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25		
		80 MHz Bandwidth	42	8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00
	58		8.50	7.00	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
	106		8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
	122		8.50	7.00	11.50	10.00	14.25	12.75	14.25	12.75	14.25	12.75	14.25	12.75
	138		8.50	7.00	11.50	10.00	14.25	12.75	12.00	10.50	13.75	12.25	14.25	12.75
	155		11.50	10.00	14.50	13.00	14.75	13.25	14.75	13.25	14.75	13.25	14.75	13.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 6 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 3b	20 MHz Bandwidth	36	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		40	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		44	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		48	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		52	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		56	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		60	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		64	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		100	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		104	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		108	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		112	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		116	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		120	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		124	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		128	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		132	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		136	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		140	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		144	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50				
		149	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		153	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		157	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		161	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		165	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
	40 MHz Bandwidth	38	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		46	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		54	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		62	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		102	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		110	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		118	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		126	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		134	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		142	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		151	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
		159	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
	80 MHz Bandwidth	42	10.50	9.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		58	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		106	10.00	8.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		122	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		138	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		155	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 7 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) CDD - 5GHz Antenna 3b	20 MHz Bandwidth	36	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		40	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		44	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		48	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		52	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50				
		56	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50				
		60	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50				
		64	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50				
		100	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		104	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		108	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		112	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		116	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		120	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		124	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		128	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		132	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		136	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		140	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		144	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		149	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		153	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		157	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		161	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		165	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
	40 MHz Bandwidth	38	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		46	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		54	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		62	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		102	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		110	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		118	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		126	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		134	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		142	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		151	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
		159	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
	80 MHz Bandwidth	42	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		58	8.25	6.75	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		106	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		122	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		138	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		155	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 8 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) SDM - 5GHz Antenna 3b	20 MHz Bandwidth	36	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		40	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		44	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		48	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		52	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		56	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		60	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		64	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		100	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		104	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		108	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		112	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		116	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		120	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		124	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		128	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		132	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		136	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		140	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		144	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50				
		149	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		153	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		157	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		161	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
		165	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75				
	40 MHz Bandwidth	38	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		46	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		54	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		62	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		102	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		110	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		118	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		126	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		134	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		142	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		151	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
		159	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75		
	80 MHz Bandwidth	42	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		58	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		106	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		122	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		138	8.50	7.00	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		155	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75	11.25	9.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 9 of 31

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 1b	20 MHz Bandwidth	36	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75				
		40	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75				
		44	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75				
		48	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75				
		52	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		56	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		60	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		64	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		100	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		104	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		108	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		112	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		116	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		120	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		124	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		128	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		132	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		136	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		140	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
		144	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25				
	149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	40 MHz Bandwidth	38	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		46	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		54	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		62	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		102	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		110	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		118	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		126	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		134	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		142	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		80 MHz Bandwidth	42	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25		
	58		9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	106		9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	122		9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	138		9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		155	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
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Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) CDD - 5GHz Antenna 1b	20 MHz Bandwidth	36	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75				
		40	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75				
		44	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75				
		48	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75				
		52	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25				
		56	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25				
		60	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25				
		64	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25				
		100	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		104	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		108	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		112	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		116	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		120	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		124	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		128	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		132	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		136	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		140	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		144	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
	40 MHz Bandwidth	38	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		46	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		54	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		62	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		102	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		110	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		118	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		126	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		134	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		142	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
	80 MHz Bandwidth	42	8.25	6.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		58	8.25	6.75	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		106	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		122	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		138	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
		155	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
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Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average 2 Tx Chain (dBm) SDM - 5GHz Antenna 1b	20 MHz Bandwidth	36	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75				
		40	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75				
		44	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75				
		48	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75				
		52	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		56	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		60	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		64	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		100	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		104	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		108	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		112	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		116	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		120	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		124	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		128	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		132	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		136	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		140	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
		144	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25				
	149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	40 MHz Bandwidth	38	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		46	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75		
		54	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		62	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		102	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		110	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		118	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		126	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		134	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		142	8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		80 MHz Bandwidth	42	8.50	7.00	9.25	7.75	9.25	7.75	9.25	7.75	9.25		
	58		8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	106		8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	122		8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	138		8.50	7.00	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25	9.75	8.25
	155		10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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H.2.2 Reduced 802.11ax RU Time-Averaged Output Power

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - Antenna 1a	20 MHz Bandwidth	1	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		2	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		3	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		4	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		5	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		6	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		7	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		8	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		9	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		10	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		11	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		12	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		13	NS	NS	NS	NS	NS	NS	NS	NS

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 1a	20 MHz Bandwidth	1	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		2	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		3	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		4	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		5	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		6	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		7	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		8	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		9	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		10	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		11	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		12	9.25	7.75	9.25	7.75	9.25	7.75	9.25	7.75
		13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - Antenna 3a	20 MHz Bandwidth	1	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		2	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		3	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		4	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		5	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		6	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		7	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		8	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		9	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		10	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		11	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		12	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		13	NS	NS	NS	NS	NS	NS	NS	NS

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 3a	20 MHz Bandwidth	1	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		2	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		3	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		4	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		5	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		6	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		7	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		8	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		9	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		10	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		11	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		12	8.50	7.00	8.50	7.00	8.50	7.00	8.50	7.00
		13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of  element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
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Below table is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 3a active
- Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 5T	20 MHz Bandwidth	36	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		40	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		44	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		48	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		52	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		56	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		60	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		64	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		100	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		104	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		108	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		112	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		116	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		120	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		124	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		128	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		132	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		136	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		140	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		144	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75				
		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
	40 MHz Bandwidth	38	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		46	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		54	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		62	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		102	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		110	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		118	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		126	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		134	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		142	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
	80 MHz Bandwidth	42	10.50	9.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		58	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		106	10.00	8.50	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		122	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		138	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		155	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 15 of 31

Below table is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 3a active
- Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) CDD - 5GHz Antenna 5T	20 MHz Bandwidth	36	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00				
		40	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00				
		44	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00				
		48	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00				
		52	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		56	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		60	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		64	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25				
		100	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		104	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		108	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		112	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		116	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		120	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		124	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		128	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		132	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		136	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		140	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		144	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
	149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25					
	40 MHz Bandwidth	38	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00	11.50	10.00		
		46	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00	11.50	10.00		
		54	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		62	8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		102	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		110	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		118	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		126	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		134	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		142	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		80 MHz Bandwidth	42	8.25	6.75	11.25	9.75	11.50	10.00	11.50	10.00	11.50	10.00	11.50
	58		8.25	6.75	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
	106		8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
	122		8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
	138		8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		155	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 16 of 31

Below table is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 3a active
- Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) SDM - 5GHz Antenna 5T	20 MHz Bandwidth	36	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00				
		40	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00				
		44	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00				
		48	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00				
		52	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		56	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		60	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		64	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25				
		100	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		104	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		108	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		112	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		116	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		120	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		124	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		128	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		132	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		136	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		140	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		144	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75				
		149	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		153	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		157	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		161	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
		165	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25				
	40 MHz Bandwidth	38	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		46	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		54	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		62	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		102	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		110	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		118	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		126	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		134	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		142	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75		
		151	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
		159	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25		
	80 MHz Bandwidth	42	8.50	7.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		58	8.50	7.00	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25
		106	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		122	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		138	8.50	7.00	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75	10.25	8.75
		155	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25	10.75	9.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 17 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T				
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal			
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 3b	20 MHz Bandwidth	36	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25							
		40	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25							
		44	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25							
		48	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25							
		52	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		56	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		60	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		64	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		100	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		104	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		108	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		112	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		116	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		120	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		124	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		128	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		132	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		136	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		140	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		144	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50							
		149	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75							
	153	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75								
	157	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75								
	161	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75								
	165	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75								
	40 MHz Bandwidth	38	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25					
		46	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25					
		54	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		62	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		102	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		110	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		118	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		126	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		134	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		142	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50					
		151	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75					
		159	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75					
		80 MHz Bandwidth	42	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
			58	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
			106	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
			122	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
	138		7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	
	155		7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 18 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average 2 Tx Chain (dBm) CDD - 5GHz Antenna 3b	20 MHz Bandwidth	36	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		40	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		44	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		48	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		52	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		56	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		60	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		64	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		100	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		104	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		108	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		112	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		116	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		120	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		124	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		128	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		132	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		136	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		140	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		144	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		149	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		153	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		157	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		161	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		165	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
	40 MHz Bandwidth	38	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		46	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		54	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		62	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		102	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		110	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		118	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		126	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		134	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		142	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		151	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75		
		159	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75		
	80 MHz Bandwidth	42	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		58	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		106	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		122	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		138	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		155	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proven to be part of the element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 19 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average 2 Tx Chain (dBm) SDM - 5GHz Antenna 3b	20 MHz Bandwidth	36	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		40	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		44	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		48	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		52	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		56	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		60	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		64	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		100	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		104	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		108	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		112	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		116	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		120	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		124	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		128	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		132	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		136	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		140	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		144	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50				
		149	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		153	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		157	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		161	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
		165	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75				
	40 MHz Bandwidth	38	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		46	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		54	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		62	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		102	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		110	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		118	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		126	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		134	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		142	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50		
		151	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75		
		159	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75		
	80 MHz Bandwidth	42	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25
		58	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		106	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		122	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		138	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50	7.00	5.50
		155	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75	7.25	5.75

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 20 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - 5GHz Antenna 1b	20 MHz Bandwidth	36	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		40	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		44	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		48	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		52	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		56	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		60	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		64	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		100	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		104	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		108	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		112	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		116	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		120	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		124	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		128	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		132	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		136	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		140	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		144	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
	40 MHz Bandwidth	149	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		153	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		157	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		161	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		165	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		38	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		46	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		54	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		62	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		102	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		110	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		118	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		126	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		134	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		142	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		151	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		159	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
	80 MHz Bandwidth	42	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		58	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		106	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		122	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		138	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		155	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 21 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) CDD - 5GHz Antenna 1b	20 MHz Bandwidth	36	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		40	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		44	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		48	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		52	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		56	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		60	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		64	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		100	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		104	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		108	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		112	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		116	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		120	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		124	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		128	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		132	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		136	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		140	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		144	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		149	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		153	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		157	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		161	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		165	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
	40 MHz Bandwidth	38	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		46	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		54	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		62	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		102	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		110	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		118	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		126	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		134	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		142	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		151	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		159	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
	80 MHz Bandwidth	42	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		58	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		106	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		122	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		138	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		155	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

FCC ID: BCGA2568	 PCTEST Proud to be part of element	SAR EVALUATION REPORT	Reviewed by: Quality Manager
Test Dates: 06/23/2021-08/03/2021	DUT Type: Tablet Device		APPENDIX H: Page 22 of 31

Below table is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 1a/1b/2 active

-Simultaneous conditions with Inter-Band ULCA active

Mode/ Band		Tones	26T		52T		106T		242T		484T		996T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) SDM - 5GHz Antenna 1b	20 MHz Bandwidth	36	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		40	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		44	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		48	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75				
		52	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		56	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		60	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		64	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		100	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		104	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		108	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		112	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		116	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		120	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		124	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		128	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		132	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		136	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		140	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		144	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25				
		149	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		153	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		157	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		161	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
		165	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25				
	40 MHz Bandwidth	38	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		46	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75		
		54	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		62	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		102	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		110	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		118	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		126	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		134	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		142	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25		
		151	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
		159	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25		
	80 MHz Bandwidth	42	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75	5.25	3.75
		58	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		106	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		122	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		138	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25	5.75	4.25
		155	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25	6.75	5.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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H.3 IEEE 802.11ax Measured Powers

Table H-1
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 1a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	11.26	2412	1	52T	37	11.18
			4	11.45				38	11.34
			8	11.27				40	11.23
2422	3	26T	0	11.32	2422	3	52T	37	11.39
			4	11.24				38	11.20
			8	11.03				40	11.14
2437	6	26T	0	11.16	2437	6	52T	37	11.16
			4	11.15				38	11.25
			8	11.22				40	11.44
2462	11	26T	0	11.41	2462	11	52T	37	11.34
			4	11.21				38	11.18
			8	11.39				40	11.23
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	11.33	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
			54	11.32					
2422	3	106T	53	11.30	2412	1	242T	61	11.30
			54	11.31	2422	3	242T	61	11.27
2437	6	106T	53	11.20	2437	6	242T	61	11.29
			54	11.36	2462	11	242T	61	11.35
2462	11	106T	53	11.11					
			54	11.20					

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Table H-2
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 3a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	10.52	2412	1	52T	37	10.31
			4	10.63				38	10.61
			8	10.47				40	10.50
2422	3	26T	0	10.69	2422	3	52T	37	10.52
			4	10.40				38	10.78
			8	10.43				40	10.54
2437	6	26T	0	10.78	2437	6	52T	37	10.55
			4	10.65				38	10.46
			8	10.77				40	10.39
2462	11	26T	0	10.35	2462	11	52T	37	10.66
			4	10.39				38	10.68
			8	10.50				40	10.45
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	10.49	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
			54	10.45					
2422	3	106T	53	10.63	2412	1	242T	61	10.55
			54	10.48	2422	3	242T	61	10.52
2437	6	106T	53	10.57	2437	6	242T	61	10.61
			54	10.79	2462	11	242T	61	10.58
2462	11	106T	53	10.63					
			54	10.41					

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Table H-3
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 5T

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	4	8						37	39	40
	1	5180	36	26T	10.04	11.01	10.60		1	5180	36	52T	14.12	14.50	14.45
5200		40	26T	10.21	10.99	10.66	5200	40		52T	14.16	14.44	14.40		
5220		44	26T	10.08	10.82	10.50	5220	44		52T	14.02	14.47	14.44		
5240		48	26T	10.10	10.78	10.47	5240	48		52T	14.08	14.41	14.32		
2A	5260	52	26T	10.14	10.85	10.30	2A	5260	52	52T	13.18	13.75	13.33		
	5280	56	26T	10.02	10.70	10.21		5280	56	52T	13.30	13.85	13.49		
	5300	60	26T	10.34	10.81	10.28		5300	60	52T	13.63	14.00	13.66		
	5320	64	26T	10.44	10.90	10.36		5320	64	52T	13.31	13.62	13.30		
2C	5500	100	26T	10.55	10.98	10.65	2C	5520	104	52T	13.16	13.49	13.20		
	5600	120	26T	10.07	10.92	10.66		5600	120	52T	13.08	13.60	13.57		
	5620	124	26T	10.21	11.00	10.63		5580	124	52T	13.05	13.72	13.48		
	5720	144	26T	10.69	11.01	10.40		5720	144	52T	13.11	13.37	13.00		
3	5745	149	26T	10.50	10.80	10.15	3	5745	149	52T	13.70	13.80	13.41		
	5785	157	26T	10.41	11.01	10.46		5785	157	52T	13.59	13.82	13.52		
	5825	165	26T	10.00	11.49	10.15		5825	165	52T	13.15	13.58	13.25		

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	N/A						61	N/A	N/A
	1	5180	36	106T	14.53	14.79			1	5180	36	242T	14.55		
5200		40	106T	14.55	14.81		5200	40		242T	14.60				
5220		44	106T	14.46	14.69		5220	44		242T	14.75				
5240		48	106T	14.50	14.68		5240	48		242T	14.66				
2A	5260	52	106T	13.43	13.60		2A	5260	52	242T	13.70				
	5280	56	106T	13.67	13.77			5280	56	242T	13.75				
	5300	60	106T	13.88	13.80			5300	60	242T	13.77				
	5320	64	106T	13.89	13.80			5320	64	242T	13.79				
2C	5520	104	106T	13.19	13.30		2C	5520	104	242T	13.39				
	5600	120	106T	13.29	13.57			5600	120	242T	13.25				
	5620	124	106T	13.21	13.44			5620	124	242T	13.30				
	5720	144	106T	13.50	13.23			5720	144	242T	13.50				
3	5745	149	106T	13.75	13.89		3	5745	149	242T	13.80				
	5785	157	106T	13.88	13.84			5785	157	242T	14.03				
	5825	165	106T	13.20	13.40			5825	165	242T	13.62				

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
	1	5190	38	26T	10.10	11.23	10.39		1	5190	38	52T	11.24	12.30	11.82
5230		46	26T	9.95	11.16	10.34	5230	46		52T	13.89	14.48	14.00		
5270		54	26T	10.20	11.11	10.41	5270	54		52T	13.00	13.78	13.35		
5310		62	26T	10.37	11.00	10.48	5310	62		52T	11.12	11.73	11.27		
2A	5510	110	26T	10.35	11.46	10.74	2A	5550	110	52T	13.01	13.88	13.33		
	5590	118	26T	10.07	11.35	10.66		5590	118	52T	12.96	13.80	13.41		
	5630	126	26T	10.23	11.45	10.65		5630	126	52T	12.92	13.90	13.49		
	5710	142	26T	10.37	11.17	10.38		5710	142	52T	13.00	13.93	13.50		
2C	5755	151	26T	10.42	10.93	10.44	2C	5755	151	52T	13.26	13.85	13.29		
	5795	159	26T	10.40	11.20	10.38		5795	159	52T	13.16	13.75	13.32		
3							3								

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
	1	5190	38	106T	11.23	12.06	11.65		1	5190	38	242T	11.62	11.63	
5230		46	106T	13.99	14.66	14.14	5230	46		242T	14.23	14.44			
5270		54	106T	13.00	13.64	13.35	5270	54		242T	13.44	13.63			
5310		62	106T	11.12	11.61	11.22	5310	62		242T	11.07	11.38			
2A	5550	110	106T	13.22	13.85	13.43	2A	5550	110	242T	13.25	13.34			
	5590	118	106T	13.00	13.73	13.26		5590	118	242T	13.19	13.30			
	5670	126	106T	13.04	13.78	13.41		5670	126	242T	13.22	13.39			
	5710	142	106T	13.11	13.86	13.39		5710	142	242T	11.45	11.63			
3	5755	151	106T	13.07	13.70	13.13	3	5755	151	242T	13.55	13.78			
	5795	159	106T	13.44	13.84	13.36		5795	159	242T	13.57	13.40			

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	11.38		
	2A	5230	46	484T	14.56		
		5270	54	484T	13.70		
		5310	62	484T	11.17		
	2C	5550	110	484T	13.21		
		5590	118	484T	13.20		
		5630	126	484T	13.15		
	3	5710	142	484T	13.30		
		5755	151	484T	13.65		
		5795	159	484T	13.85		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	11.15	11.93	11.27
	2A	5290	58	52T	11.53	11.97	11.51
		5530	106	52T	11.04	11.75	11.32
		5610	122	52T	12.69	13.38	13.01
	2C	5690	138	52T	12.88	13.53	13.20
		5775	155	52T	13.53	13.78	13.28
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	11.18	11.73	11.04
	2A	5290	58	242T	11.37	11.72	11.45
		5530	106	242T	11.03	11.45	11.10
		5610	122	242T	13.11	13.44	13.12
	2C	5690	138	242T	11.67	11.50	11.84
		5775	155	242T	13.37	13.70	13.30
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	11.57		
	2A	5290	58	996T	11.45		
		5530	106	996T	11.08		
		5610	122	996T	13.27		
	2C	5690	138	996T	13.30		
		5775	155	996T	13.80		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	9.04	9.57	9.33
	2A	5290	58	26T	9.86	10.51	9.93
		5530	106	26T	8.90	9.54	9.06
		5610	122	26T	10.05	10.44	10.22
	2C	5690	138	26T	10.36	10.45	10.31
		5775	155	26T	10.63	10.83	10.68
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5210	42	106T	11.00	11.71	11.20
	2A	5290	58	106T	11.18	11.56	11.22
		5530	106	106T	10.92	11.42	11.06
		5610	122	106T	13.00	13.46	13.27
	2C	5690	138	106T	12.98	13.50	13.33
		5775	155	106T	13.62	13.88	13.47
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	11.30	11.35	
	2A	5290	58	484T	10.95	11.00	
		5530	106	484T	10.92	11.05	
		5610	122	484T	12.88	13.00	
	2C	5690	138	484T	13.35	13.50	
		5775	155	484T	13.68	13.67	

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Table H-4
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 3b

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	4	8						37	39	40
	1	5180	36	26T	9.22	9.90	9.67		1	5180	36	52T	9.43	10.00	9.83
5200		40	26T	9.48	9.94	9.44	5200	40		52T	9.54	10.03	9.79		
5220		44	26T	9.18	9.70	9.42	5220	44		52T	9.56	10.08	9.80		
5240		48	26T	9.32	9.83	9.43	5240	48		52T	9.56	10.02	9.67		
2A	5260	52	26T	9.58	10.02	9.48	2A	5260	52	52T	9.78	10.12	9.82		
	5280	56	26T	9.55	10.12	9.60		5280	56	52T	10.09	10.37	10.05		
	5300	60	26T	9.67	10.23	9.74		5300	60	52T	10.04	10.38	10.11		
	5320	64	26T	9.97	10.34	10.01		5320	64	52T	10.02	10.32	10.02		
2C	5500	100	26T	10.01	10.53	10.14	2C	5520	104	52T	10.24	10.56	10.23		
	5600	120	26T	10.12	10.76	10.32		5600	120	52T	10.15	10.53	10.44		
	5620	124	26T	10.09	10.56	10.18		5580	124	52T	10.09	10.47	10.22		
	5720	144	26T	9.81	10.28	9.95		5720	144	52T	9.88	10.03	9.89		
3	5745	149	26T	10.01	10.48	10.19	3	5745	149	52T	10.14	10.44	10.09		
	5785	157	26T	10.23	10.69	10.13		5785	157	52T	10.09	10.29	10.10		
	5825	165	26T	10.22	10.63	10.03		5825	165	52T	10.08	10.39	10.01		

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	N/A						61	N/A	N/A
	1	5180	36	106T	9.44	9.76			1	5180	36	242T	9.70		
5200		40	106T	9.58	9.77		5200	40		242T	9.83				
5220		44	106T	9.59	9.73		5200	44		242T	9.80				
5240		48	106T	9.69	9.74		5240	48		242T	9.84				
2A	5260	52	106T	10.11	10.14		2A	5260	52	242T	10.02				
	5280	56	106T	10.07	10.19			5260	56	242T	10.10				
	5300	60	106T	10.00	10.04			5300	60	242T	10.36				
	5320	64	106T	9.98	10.11			5320	64	242T	10.24				
2C	5520	104	106T	10.22	10.27		2C	5500	100	242T	10.06				
	5600	120	106T	10.23	10.31			5600	120	242T	10.16				
	5620	124	106T	9.98	10.06			5620	124	242T	10.07				
	5720	144	106T	9.94	10.01			5720	144	242T	9.91				
3	5745	149	106T	10.29	10.33		3	5745	149	242T	10.40				
	5785	157	106T	10.40	10.36			5785	157	242T	10.44				
	5825	165	106T	10.20	10.22			5825	165	242T	10.48				

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
	1	5190	38	26T	9.00	9.96	9.45		1	5190	38	52T	9.30	10.12	9.76
5230		46	26T	9.16	9.89	9.49	5230	46		52T	9.21	9.88	9.61		
5270		54	26T	9.28	10.03	9.62	5270	54		52T	9.68	10.22	9.95		
5310		62	26T	9.44	10.14	9.72	5310	62		52T	9.72	10.21	10.00		
2A	5510	110	26T	9.82	10.53	10.08	2A	5510	110	52T	10.17	10.66	10.29		
	5590	118	26T	9.99	10.60	10.02		5590	118	52T	9.98	10.55	10.28		
	5630	126	26T	9.92	10.73	10.18		5630	126	52T	9.92	10.67	10.24		
	5710	142	26T	9.96	10.41	10.02		5710	142	52T	9.67	10.41	10.00		
2C	5755	151	26T	9.83	10.51	9.88	2C	5755	151	52T	9.83	10.61	10.01		
	5795	159	26T	10.07	10.48	9.89		5795	159	52T	10.12	10.55	10.09		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
	1	5190	38	106T	9.44	10.23	9.77		1	5190	38	242T	9.67	9.92	
5230		46	106T	9.47	10.16	9.62	5230	46		242T	9.70	9.81			
5270		54	106T	9.75	10.24	10.05	5270	54		242T	9.91	10.08			
5310		62	106T	9.78	10.28	10.08	5310	62		242T	9.98	10.09			
2A	5510	110	106T	10.14	10.60	10.24	2A	5550	110	242T	10.19	10.37			
	5590	118	106T	9.96	10.45	10.05		5590	118	242T	10.22	10.39			
	5670	126	106T	9.92	10.34	10.13		5670	126	242T	10.09	10.16			
	5710	142	106T	9.60	10.14	9.72		5670	134	242T	9.92	10.00			
3	5755	151	106T	9.83	10.35	9.90	3	5755	151	242T	10.15	10.24			
	5795	159	106T	10.05	10.36	9.94		5795	159	242T	10.23	10.31			

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	9.95		
	2A	5230	46	484T	10.06		
		5270	54	484T	10.00		
		5310	62	484T	10.10		
	2C	5550	110	484T	10.15		
		5550	118	484T	10.20		
		5630	126	484T	10.21		
	3	5710	142	484T	10.00		
		5755	151	484T	10.25		
		5795	159	484T	10.30		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	9.00	9.80	9.35
	2A	5290	58	26T	9.22	10.05	9.51
		5530	106	26T	9.75	9.99	9.86
		5610	122	26T	9.98	10.22	10.13
	2C	5690	138	26T	9.59	10.41	9.88
		5775	155	26T	9.96	10.21	9.89

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	9.43	10.03	9.79
	2A	5290	58	52T	9.66	10.18	9.77
		5530	106	52T	10.02	10.44	10.12
		5610	122	52T	9.93	10.46	10.03
	2C	5690	138	52T	9.59	10.21	9.91
		5775	155	52T	10.04	10.42	10.02

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	9.75	10.29	9.96
	2A	5290	58	242T	9.70	10.23	10.05
		5530	106	242T	10.04	10.31	10.22
		5610	122	242T	10.12	10.27	10.15
	2C	5690	138	242T	9.88	10.15	9.68
		5775	155	242T	10.09	10.47	10.23

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	9.74	9.89	
	2A	5290	58	484T	9.71	9.96	
		5530	106	484T	9.97	10.11	
		5610	122	484T	10.02	10.15	
	2C	5690	138	484T	10.08	10.26	
		5775	155	484T	10.22	10.24	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	9.75		
	2A	5290	58	996T	9.99		
		5530	106	996T	10.00		
		5610	122	996T	9.95		
	2C	5690	138	996T	9.99		
		5775	155	996T	10.30		

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Table H-5
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 1b

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
20MHz BW	1	5180	36	26T	8.25	8.92	8.64
		5200	40	26T	8.22	8.89	8.47
		5220	44	26T	8.08	8.71	8.23
		5240	48	26T	8.13	8.58	8.20
	2A	5260	52	26T	8.26	8.87	8.44
		5280	56	26T	8.28	8.85	8.36
		5300	60	26T	8.14	8.65	8.30
		5320	64	26T	8.32	8.87	8.44
	2C	5500	100	26T	8.24	8.86	8.37
		5600	120	26T	8.40	8.88	8.42
		5620	124	26T	8.47	9.01	8.66
		5720	144	26T	8.36	8.98	8.45
20MHz BW	3	5745	149	26T	9.21	9.77	9.10
		5785	157	26T	9.51	9.74	9.08
		5825	165	26T	9.42	9.72	9.21
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
20MHz BW	1	5180	36	106T	8.25	8.45	
		5200	40	106T	8.44	8.63	
		5220	44	106T	8.21	8.38	
		5240	48	106T	8.22	8.18	
	2A	5260	52	106T	8.88	8.88	
		5280	56	106T	8.80	8.81	
		5300	60	106T	8.61	8.73	
		5320	64	106T	8.65	8.67	
	2C	5520	104	106T	8.53	8.60	
		5600	120	106T	8.78	8.83	
		5620	124	106T	8.79	8.89	
		5720	144	106T	8.79	8.78	
20MHz BW	3	5745	149	106T	9.31	9.35	
		5785	157	106T	9.38	9.49	
		5825	165	106T	9.57	9.60	
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
40MHz BW	1	5190	38	26T	8.11	9.09	8.61
		5230	46	26T	8.15	9.02	8.34
		5270	54	26T	8.08	8.90	8.36
		5310	62	26T	8.22	9.04	8.41
	2A	5510	110	26T	8.21	8.92	8.34
		5590	118	26T	8.15	8.96	8.35
		5630	126	26T	8.22	9.02	8.78
		5710	142	26T	8.12	9.13	8.38
	2C	5755	151	26T	8.97	9.75	9.11
		5795	159	26T	9.25	9.77	8.99
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
40MHz BW	1	5190	38	106T	8.06	8.90	8.53
		5230	46	106T	8.15	8.72	8.38
		5270	54	106T	8.52	9.00	8.41
		5310	62	106T	8.50	9.10	8.69
	2A	5510	110	106T	8.57	9.14	8.60
		5590	118	106T	8.66	9.23	8.72
		5670	126	106T	8.74	9.35	9.02
		5710	142	106T	8.52	9.18	8.92
	2C	5755	151	106T	9.24	9.80	9.39
		5795	159	106T	9.31	9.70	9.08
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
40MHz BW	1	5190	38	242T	8.30	8.52	
		5230	46	242T	8.19	8.47	
		5270	54	242T	8.69	8.90	
		5310	62	242T	8.79	8.91	
	2A	5550	110	242T	8.65	8.74	
		5590	118	242T	8.73	8.78	
		5670	126	242T	8.66	8.77	
		5670	134	242T	8.65	8.72	
	2C	5755	151	242T	9.72	9.85	
		5795	159	242T	9.84	9.81	
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
40MHz BW	1	5190	38	52T	7.95	8.87	8.31
		5230	46	52T	7.97	8.80	8.21
		5270	54	52T	8.20	9.05	8.31
		5310	62	52T	8.35	9.11	8.55
	2A	5510	110	52T	8.44	9.10	8.53
		5590	118	52T	8.43	9.21	8.57
		5630	126	52T	8.52	9.31	8.76
		5710	142	52T	8.46	9.35	8.68
	2C	5755	151	52T	9.12	9.87	9.07
		5795	159	52T	9.08	9.61	9.05

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	8.25		
		5230	46	484T	8.24		
	2A	5270	54	484T	8.66		
		5310	62	484T	8.67		
	2C	5550	110	484T	8.60		
		5550	118	484T	8.75		
		5630	126	484T	8.85		
		5710	142	484T	8.73		
	3	5755	151	484T	9.70		
		5795	159	484T	9.79		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	7.96	8.75	8.40
	2A	5290	58	26T	8.52	9.01	8.69
	2C	5530	106	26T	8.65	8.98	8.75
		5610	122	26T	8.70	9.12	8.85
		5690	138	26T	8.65	9.14	8.87
	3	5775	155	26T	9.10	9.60	8.99

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	7.90	8.70	8.26
	2A	5290	58	52T	8.40	9.05	8.50
	2C	5530	106	52T	8.60	9.09	8.88
		5610	122	52T	8.62	9.00	8.80
		5690	138	52T	8.50	9.20	8.82
	3	5775	155	52T	9.85	10.25	9.72

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	8.07	8.75	8.45
	2A	5290	58	242T	8.82	9.10	8.60
	2C	5530	106	242T	8.81	9.12	9.05
		5610	122	242T	8.65	9.17	8.82
		5690	138	242T	8.84	9.26	8.85
	3	5775	155	242T	9.94	10.25	10.02

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	8.29		
	2A	5290	58	996T	8.60		
	2C	5530	106	996T	8.77		
		5610	122	996T	8.73		
		5690	138	996T	8.80		
	3	5775	155	996T	9.80		

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APPENDIX I: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

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All conducted power measurements for 4G/5G Sub6 WWAN technologies and bands in this section were performed by setting Reserve_power_margin (Qualcomm® Smart Transmit EFS entry) to 0dB, so that the EUT transmits continuously at minimum (Plimit, maximum tune up output power Pmax).

I.1 LTE Conducted Powers

I.1.1 LTE Band 71

Table I-1
LTE Band 71 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
QPSK	1	0	17.23	0	0
	1	36	17.26		0
	1	74	17.13		0
	36	0	17.43	0-1	0
	36	18	17.49		0
	36	37	17.33		0
	75	0	17.37		0
16QAM	1	0	17.64	0-1	0
	1	36	17.70		0
	1	74	17.45		0
	36	0	17.17	0-2	0
	36	18	17.17		0
	36	37	17.05		0
	75	0	17.13		0
64QAM	1	0	17.40	0-2	0
	1	36	17.03		0
	1	74	16.91		0
	36	0	17.13	0-3	0
	36	18	17.17		0
	36	37	17.05		0
	75	0	17.10		0
256QAM	1	0	16.90	0-5	0
	1	36	16.95		0
	1	74	16.85		0
	36	0	16.91		0
	36	18	16.96		0
	36	37	16.83		0
	75	0	16.93		0

Note: LTE Band 71 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-2
LTE Band 71 Measured P_{limit} Antenna 2 - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.29	17.34	17.33	0	0
	1	25	17.25	17.22	17.16		0
	1	49	17.12	17.19	17.03		0
	25	0	17.46	17.38	17.37	0-1	0
	25	12	17.55	17.47	17.32		0
	25	25	17.46	17.42	17.27		0
	50	0	17.50	17.41	17.31		0
16QAM	1	0	17.49	17.15	17.63	0-1	0
	1	25	17.42	17.10	17.49		0
	1	49	17.35	16.98	17.42		0
	25	0	17.29	17.13	17.13	0-2	0
	25	12	17.37	17.22	17.10		0
	25	25	17.31	17.13	17.07		0
	50	0	17.18	17.16	17.01		0
64QAM	1	0	17.05	17.02	16.97	0-2	0
	1	25	16.85	17.04	16.87		0
	1	49	16.82	16.87	16.82		0
	25	0	17.16	17.07	17.03	0-3	0
	25	12	17.23	17.15	17.02		0
	25	25	17.19	17.10	16.97		0
	50	0	17.20	17.10	17.00		0
256QAM	1	0	16.74	16.97	17.45	0-5	0
	1	25	16.67	16.91	17.45		0
	1	49	16.68	16.89	17.32		0
	25	0	17.02	16.98	16.99		0
	25	12	17.08	16.97	16.90		0
	25	25	16.97	16.89	16.88		0
	50	0	17.01	16.93	16.85		0

Table I-3
LTE Band 71 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.37	17.38	17.12	0	0
	1	12	17.33	17.34	17.04		0
	1	24	17.33	17.21	16.92		0
	12	0	17.45	17.30	17.30	0-1	0
	12	6	17.50	17.35	17.27		0
	12	13	17.38	17.28	17.15		0
	25	0	17.44	17.36	17.23		0
16QAM	1	0	17.37	17.50	17.31	0-1	0
	1	12	17.31	17.63	17.05		0
	1	24	17.18	17.30	16.93		0
	12	0	17.17	17.26	17.06	0-2	0
	12	6	17.20	17.32	17.05		0
	12	13	17.12	17.20	16.92		0
	25	0	17.15	17.05	17.03		0
64QAM	1	0	17.05	17.02	16.97	0-2	0
	1	12	16.85	17.03	16.87		0
	1	24	16.82	16.88	16.82		0
	12	0	17.16	17.07	17.03	0-3	0
	12	6	17.23	17.15	17.02		0
	12	13	17.19	17.10	16.97		0
	25	0	17.20	17.10	17.00		0
256QAM	1	0	17.01	17.05	17.02	0-5	0
	1	12	17.09	17.47	17.00		0
	1	24	16.98	16.95	16.82		0
	12	0	17.02	16.94	16.89		0
	12	6	17.01	16.95	16.81		0
	12	13	16.97	16.85	16.71		0
	25	0	16.96	16.82	16.81		0

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Table I-4
LTE Band 71 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz) Conducted Power [dBm]		
QPSK	1	0	18.84	0	0
	1	36	18.90		0
	1	74	18.85		0
	36	0	19.02	0-1	0
	36	18	19.08		0
	36	37	19.00		0
	75	0	19.01		0
16QAM	1	0	19.32	0-1	0
	1	36	19.35		0
	1	74	19.30		0
	36	0	18.83	0-2	0
	36	18	18.88		0
	36	37	18.84		0
	75	0	18.87		0
64QAM	1	0	18.98	0-2	0
	1	36	19.03		0
	1	74	18.85		0
	36	0	19.26	0-3	0
	36	18	19.27		0
	36	37	19.22		0
	75	0	19.16		0
256QAM	1	0	19.16	0-5	0
	1	36	19.20		0
	1	74	19.11		0
	36	0	18.78		0
	36	18	18.80		0
	36	37	18.76		0
	75	0	18.77		0

Note: LTE Band 71 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-5
LTE Band 71 Measured P_{limit} Antenna 4 - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.83	18.90	18.79	0	0
	1	25	18.85	18.83	18.77		0
	1	49	18.83	18.82	18.70		0
	25	0	18.98	18.98	18.95	0-1	0
	25	12	19.07	19.05	18.96		0
	25	25	19.01	19.01	18.97		0
	50	0	19.06	19.05	18.94		0
16QAM	1	0	18.80	19.32	19.04	0-1	0
	1	25	18.82	19.28	19.02		0
	1	49	18.76	19.27	18.95		0
	25	0	18.86	18.90	18.88	0-2	0
	25	12	18.95	18.96	18.87		0
	25	25	18.90	18.92	18.90		0
	50	0	18.87	18.90	18.81		0
64QAM	1	0	19.25	18.90	18.93	0-2	0
	1	25	19.17	18.85	18.87		0
	1	49	19.01	18.70	18.76		0
	25	0	19.12	19.02	19.02	0-3	0
	25	12	19.14	19.09	19.04		0
	25	25	19.07	19.03	19.06		0
	50	0	19.08	19.02	19.00		0
256QAM	1	0	18.98	18.72	18.83	0-5	0
	1	25	18.95	18.78	18.73		0
	1	49	19.02	18.82	18.61		0
	25	0	19.05	19.09	19.08		0
	25	12	19.10	19.15	19.03		0
	25	25	18.98	19.02	19.02		0
	50	0	19.04	19.07	18.96		0

Table I-6
LTE Band 71 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	18.84	19.04	18.81	0	0
	1	12	18.89	18.95	18.74		0
	1	24	18.86	18.93	18.65		0
	12	0	19.01	18.96	18.93	0-1	0
	12	6	19.03	19.06	18.94		0
	12	13	18.96	18.95	18.84		0
	25	0	19.00	19.02	18.91		0
16QAM	1	0	18.97	19.00	19.19	0-1	0
	1	12	18.99	18.93	19.22		0
	1	24	18.92	18.96	18.97		0
	12	0	18.82	18.84	19.01	0-2	0
	12	6	18.90	18.90	18.99		0
	12	13	18.83	18.83	18.87		0
	25	0	18.84	18.88	18.77		0
64QAM	1	0	19.01	18.73	18.78	0-2	0
	1	12	19.07	18.84	18.73		0
	1	24	19.09	18.63	18.60		0
	12	0	19.00	19.07	19.07	0-3	0
	12	6	19.10	19.12	19.06		0
	12	13	18.98	19.05	18.94		0
	25	0	19.03	19.04	19.01		0
256QAM	1	0	19.14	19.02	19.20	0-5	0
	1	12	19.17	19.12	19.10		0
	1	24	19.07	19.08	18.95		0
	12	0	19.02	19.09	19.07		0
	12	6	19.08	19.13	19.06		0
	12	13	18.99	19.03	18.96		0
	25	0	19.07	19.00	18.97		0

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LTE Band 12

Table I-7
LTE Band 12 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.64	17.31	17.12	0	0
	1	12	17.64	17.32	17.12		0
	1	24	17.64	17.37	17.12		0
	12	0	17.63	17.32	17.14	0-1	0
	12	6	17.63	17.34	17.13		0
	12	13	17.64	17.36	17.16		0
	25	0	17.65	17.35	17.15	0	
16QAM	1	0	17.65	17.35	17.15	0-1	0
	1	12	17.65	17.35	17.13		0
	1	24	17.65	17.36	17.15		0
	12	0	17.65	17.34	17.14	0-2	0
	12	6	17.64	17.34	17.14		0
	12	13	17.65	17.32	17.14		0
	25	0	17.64	17.31	17.12	0	
64QAM	1	0	17.60	17.34	17.15	0-2	0
	1	12	17.62	17.31	17.13		0
	1	24	17.66	17.33	17.13		0
	12	0	17.63	17.35	17.12	0-3	0
	12	6	17.63	17.31	17.12		0
	12	13	17.62	17.32	17.14		0
	25	0	17.63	17.32	17.15	0	
256QAM	1	0	17.18	17.10	17.18	0-5	0
	1	12	17.39	17.13	17.27		0
	1	24	17.10	17.10	17.08		0
	12	0	17.03	17.10	16.99	0	
	12	6	17.14	17.15	17.02	0	
	12	13	17.04	17.06	17.03	0	
	25	0	17.03	17.04	17.00	0	

Table I-8
LTE Band 12 Measured P_{limit} Antenna 2 - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	17.14	17.69	17.39	0	0	
	1	7	17.20	17.65	17.44		0	
	1	14	17.16	17.69	17.42		0	
	8	0	17.15	17.71	17.40	0-1	0	
	8	4	17.19	17.69	17.40		0	
	8	7	17.19	17.70	17.41		0	
16QAM	15	0	17.15	17.67	17.43	0-1	0	
	1	0	17.18	17.69	17.46		0	
	1	7	17.17	17.70	17.44		0	
	1	14	17.15	17.64	17.43	0-2	0	
	8	0	17.18	17.67	17.43		0	
	8	4	17.18	17.71	17.38		0	
64QAM	8	7	17.18	17.66	17.42	0-2	0	
	15	0	17.18	17.50	17.44		0	
	1	0	17.18	17.60	17.47		0-2	0
	1	7	17.19	17.65	17.41	0		
	1	14	17.17	17.68	17.43	0		
	8	0	17.18	17.68	17.49	0-3	0	
8	4	17.20	17.69	17.43	0			
8	7	17.18	17.68	17.43	0			
256QAM	15	0	17.16	17.69	17.42	0-3	0	
	1	0	17.41	16.99	17.67		0-5	0
	1	7	17.33	17.02	17.72			0
	1	14	17.32	16.99	17.58	0		
	8	0	17.23	17.37	17.45	0		
	8	4	17.21	17.43	17.48	0		
256QAM	8	7	17.26	17.44	17.43	0-5	0	
	15	0	17.40	17.37	17.40		0	

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Table I-9
LTE Band 12 Measured P_{limit} Antenna 2 - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.17	17.48	17.62	0	0
	1	2	17.19	17.47	17.60		0
	1	5	17.14	17.48	17.62		0
	3	0	17.14	17.48	17.64		0
	3	2	17.15	17.48	17.63		0
	3	3	17.15	17.48	17.60		0
16QAM	6	0	17.21	17.47	17.65	0-1	0
	1	0	17.26	17.49	17.63	0-1	0
	1	2	17.33	17.47	17.63		0
	1	5	17.22	17.49	17.65		0
	3	0	17.37	17.48	17.63		0
	3	2	17.39	17.48	17.63		0
64QAM	3	3	17.48	17.48	17.64		0
	6	0	17.22	17.48	17.62	0-2	0
	1	0	17.10	17.48	17.60	0-2	0
	1	2	17.12	17.48	17.60		0
	1	5	17.17	17.48	17.63		0
	3	0	17.46	17.47	17.60		0
3	2	17.52	17.48	17.62	0		
3	3	17.46	17.48	17.63	0		
256QAM	6	0	17.25	17.49	17.64	0-3	0
	1	0	17.23	16.92	17.27	0-5	0
	1	2	17.35	17.01	17.49		0
	1	5	17.30	16.93	17.30		0
	3	0	17.29	17.32	17.41		0
	3	2	17.35	17.35	17.42		0
3	3	17.21	17.30	17.29	0		
256QAM	6	0	17.17	17.32	17.42	0	0

Table I-10
LTE Band 12 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	17.32	17.42	17.44	0	0	
	1	12	17.26	17.45	17.55		0	
	1	24	17.21	17.45	17.43		0	
	12	0	17.20	17.45	17.53		0	
	12	6	17.31	17.44	17.42		0	
	12	13	17.16	17.45	17.53		0	
16QAM	25	0	17.26	17.42	17.45	0-1	0	
	1	0	17.69	17.45	17.54		0	
	1	12	17.75	17.46	17.50		0	
	1	24	17.57	17.41	17.43		0	
	12	0	17.44	17.42	17.43		0	
	12	6	17.53	17.45	17.51		0	
64QAM	12	13	17.45	17.46	17.48	0-2	0	
	25	0	17.26	17.42	17.41		0	
	1	0	17.18	17.46	17.58		0-2	0
	1	12	17.19	17.42	17.44			0
	1	24	17.22	17.46	17.47			0
	12	0	17.37	17.42	17.45			0
256QAM	12	6	17.41	17.47	17.54	0-3		0
	12	13	17.34	17.43	17.45			0
	25	0	17.37	17.42	17.45		0	
	1	0	17.16	17.50	17.43		0-5	0
	1	12	17.42	17.60	17.45			0
	1	24	17.46	17.24	17.35			0
12	0	17.38	17.33	17.31	0			
12	6	17.46	17.42	17.29	0			
12	13	17.33	17.36	17.32	0			
	25	0	17.36	17.32	17.27		0	

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Table I-11
LTE Band 12 Measured P_{limit} Antenna 4 - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.55	17.16	17.39	0	0
	1	7	17.53	17.17	17.41		0
	1	14	17.52	17.14	17.39		0
	8	0	17.56	17.19	17.40	0-1	0
	8	4	17.55	17.24	17.39		0
	8	7	17.50	17.14	17.40		0
16QAM	15	0	17.57	17.15	17.43	0-1	0
	1	0	17.59	17.29	17.40		0
	1	7	17.55	17.22	17.38		0
	1	14	17.54	17.19	17.38	0-2	0
	8	0	17.53	17.15	17.41		0
	8	4	17.50	17.16	17.40		0
64QAM	8	7	17.56	17.16	17.38	0-2	0
	15	0	17.57	17.16	17.43		0
	1	0	17.55	17.22	17.42		0-2
	1	7	17.55	17.16	17.42	0	
	1	14	17.54	17.23	17.41	0	
	8	0	17.55	17.14	17.42	0-3	0
256QAM	8	4	17.53	17.16	17.39		0
	8	7	17.54	17.16	17.42		0
	15	0	17.56	17.14	17.38	0-5	0
	1	0	16.97	17.37	17.63		0
	1	7	17.03	17.38	17.60		0
	1	14	16.99	17.33	17.50		0
8	0	17.34	17.17	17.39	0		
8	4	17.37	17.19	17.43	0		
256QAM	8	7	17.39	17.19	17.41	0-5	0
	15	0	17.40	17.38	17.28		0

Table I-12
LTE Band 12 Measured P_{limit} Antenna 4 - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.45	17.08	17.54	0	0
	1	2	17.44	17.07	17.52		0
	1	5	17.46	17.07	17.54		0
	3	0	17.45	17.18	17.55		0
	3	2	17.45	17.22	17.52		0
	3	3	17.46	17.17	17.55		0
16QAM	6	0	17.47	17.05	17.55	0-1	0
	1	0	17.46	17.30	17.51		0
	1	2	17.47	17.27	17.53	0-1	0
	1	5	17.47	17.19	17.52		0
	3	0	17.46	17.10	17.52		0
	3	2	17.47	17.16	17.54		0
64QAM	3	3	17.46	17.20	17.52	0-2	0
	6	0	17.46	17.09	17.52		0
	1	0	17.47	17.21	17.55	0-2	0
	1	2	17.47	17.16	17.53		0
	1	5	17.46	17.23	17.52		0
	3	0	17.46	17.14	17.52		0
3	2	17.47	17.18	17.54	0		
3	3	17.46	17.11	17.53	0		
256QAM	6	0	17.45	17.12	17.53	0-3	0
	1	0	17.02	17.14	17.27		0
	1	2	17.00	17.36	17.33	0-5	0
	1	5	17.02	17.31	17.34		0
	3	0	17.21	17.31	17.21		0
	3	2	17.35	17.38	17.36		0
3	3	17.13	17.22	17.35	0		
6	0	17.31	17.37	17.13	0		

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LTE Band 13

Table I-13
LTE Band 13 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.85	0	0
	1	12	16.82		0
	1	24	16.85		0
	12	0	17.05	0-1	0
	12	6	17.11		0
	12	13	17.09		0
	25	0	17.11		0
16QAM	1	0	16.71	0-1	0
	1	12	16.75		0
	1	24	16.73		0
	12	0	16.60	0-2	0
	12	6	16.67		0
	12	13	16.62		0
	25	0	16.68		0
64QAM	1	0	16.68	0-2	0
	1	12	16.69		0
	1	24	16.72		0
	12	0	16.55	0-3	0
	12	6	16.67		0
	12	13	16.61		0
	25	0	16.70		0
256QAM	1	0	16.73	0-5	0
	1	12	16.64		0
	1	24	16.77		0
	12	0	16.57		0
	12	6	16.67		0
	12	13	16.61		0
	25	0	16.72		0

Note: LTE Band 13 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-14
LTE Band 13 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	17.85	0	0
	1	12	17.83		0
	1	24	17.80		0
	12	0	18.03	0-1	0
	12	6	18.12		0
	12	13	18.07		0
	25	0	18.10		0
16QAM	1	0	18.14	0-1	0
	1	12	18.15		0
	1	24	18.19		0
	12	0	18.01	0-2	0
	12	6	18.11		0
	12	13	18.12		0
	25	0	18.15		0
64QAM	1	0	17.90	0-2	0
	1	12	18.08		0
	1	24	18.02		0
	12	0	17.98	0-3	0
	12	6	18.00		0
	12	13	17.98		0
	25	0	17.91		0
256QAM	1	0	18.06	0-5	0
	1	12	18.05		0
	1	24	18.02		0
	12	0	17.94		0
	12	6	18.02		0
	12	13	17.97		0
	25	0	17.92		0

Note: LTE Band 13 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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LTE Band 14

Table I-15
LTE Band 14 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.81	0	0
	1	12	16.80		0
	1	24	16.76		0
	12	0	16.96	0-1	0
	12	6	17.07		0
	12	13	16.97		0
	25	0	17.03		0
16QAM	1	0	17.29	0-1	0
	1	12	17.20		0
	1	24	17.10		0
	12	0	16.96	0-2	0
	12	6	17.08		0
	12	13	16.99		0
	25	0	17.05		0
64QAM	1	0	17.10	0-2	0
	1	12	17.28		0
	1	24	17.11		0
	12	0	16.99	0-3	0
	12	6	17.11		0
	12	13	16.97		0
	25	0	17.07		0
256QAM	1	0	16.89	0-5	0
	1	12	16.95		0
	1	24	16.90		0
	12	0	16.77		0
	12	6	16.89		0
	12	13	16.73		0
	25	0	16.83		0

Note: LTE Band 14 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-16
LTE Band 14 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	18.52	0	0
	1	12	18.49		0
	1	24	18.43		0
	12	0	18.54	0-1	0
	12	6	18.63		0
	12	13	18.59		0
	25	0	18.57		0
16QAM	1	0	18.62	0-1	0
	1	12	18.61		0
	1	24	18.57		0
	12	0	18.37	0-2	0
	12	6	18.50		0
	12	13	18.38		0
	25	0	18.40		0
64QAM	1	0	18.30	0-2	0
	1	12	18.38		0
	1	24	18.35		0
	12	0	18.18	0-3	0
	12	6	18.28		0
	12	13	18.21		0
	25	0	18.23		0
256QAM	1	0	18.24	0-5	0
	1	12	18.34		0
	1	24	18.29		0
	12	0	18.18		0
	12	6	18.26		0
	12	13	18.14		0
	25	0	18.21		0

Note: LTE Band 14 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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LTE Band 26

Table I-17

LTE Band 26 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.14	16.22	16.17	0	0
	1	12	16.09	16.31	16.15		0
	1	24	16.03	16.22	16.09		0
	12	0	16.17	16.20	16.27	0-1	0
	12	6	16.28	16.29	16.38		0
	12	13	16.17	16.15	16.25		0
	25	0	16.21	16.23	16.26		0
	16QAM	1	0	16.36	16.55	16.46	0-1
1		12	16.35	16.56	16.46	0	
1		24	16.23	16.51	16.36	0	
12		0	16.09	16.44	16.32	0-2	0
12		6	16.22	16.49	16.39		0
12		13	16.12	16.41	16.27		0
25		0	16.17	16.22	16.26		0
64QAM		1	0	16.71	15.98	16.41	0-2
	1	12	16.72	16.08	16.53	0	
	1	24	16.65	15.93	16.40	0	
	12	0	16.27	16.28	16.31	0-3	0
	12	6	16.35	16.40	16.39		0
	12	13	16.23	16.26	16.27		0
	25	0	16.19	16.35	16.29		0
	256QAM	1	0	15.98	16.05	15.94	0-5
1		12	15.92	16.10	15.99	0	
1		24	16.01	15.99	16.05	0	
12		0	16.22	16.30	16.19	0	
12		6	16.16	16.22	16.01	0	
12		13	16.30	16.31	16.22	0	
25		0	16.22	16.27	16.19	0	

Table I-18

LTE Band 26 Measured P_{limit} Antenna 2 - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.00	16.13	16.23	0	0
	1	7	15.96	16.06	16.15		0
	1	14	15.91	16.12	16.16		0
	8	0	16.08	16.19	16.31	0-1	0
	8	4	16.16	16.20	16.30		0
	8	7	16.12	16.18	16.27		0
	15	0	16.18	16.24	16.33		0
16QAM	1	0	16.37	16.34	16.65	0-1	0
	1	7	16.38	16.34	16.62		0
	1	14	16.26	16.27	16.63		0
	8	0	16.20	16.19	16.46	0-2	0
	8	4	16.24	16.30	16.44		0
	8	7	16.25	16.21	16.30		0
	15	0	16.27	16.22	16.43		0
64QAM	1	0	16.31	16.00	16.28	0-2	0
	1	7	16.39	16.18	16.23		0
	1	14	16.26	16.09	16.19		0
	8	0	16.13	16.25	16.36	0-3	0
	8	4	16.26	16.29	16.44		0
	8	7	16.18	16.24	16.31		0
	15	0	16.25	16.41	16.32		0
256QAM	1	0	16.02	16.10	16.01	0-5	0
	1	7	15.92	16.22	15.91		0
	1	14	16.04	16.17	15.87		0
	8	0	16.22	16.29	16.32		0
	8	4	16.13	16.17	16.20		0
	8	7	16.24	16.34	16.17		0
	15	0	16.27	16.33	16.22		0

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Table I-19
LTE Band 26 Measured P_{limit} Antenna 2 - 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.02	16.04	16.27	0	0
	1	2	16.00	16.11	16.38		0
	1	5	15.91	16.02	16.22		0
	3	0	16.15	16.04	16.14		0
	3	2	16.14	16.11	16.24		0
	3	3	16.09	16.06	16.12		0
	6	0	16.10	16.15	16.21		0
16QAM	1	0	16.30	16.25	16.40	0-1	0
	1	2	16.36	16.24	16.38		0
	1	5	16.28	16.20	16.33		0
	3	0	16.16	16.32	16.39		0
	3	2	16.18	16.36	16.44		0
	3	3	16.10	16.33	16.40		0
	6	0	16.06	16.18	16.31		0
64QAM	1	0	16.31	15.98	16.62	0-2	0
	1	2	16.44	16.04	16.63		0
	1	5	16.40	15.93	16.47		0
	3	0	16.44	16.39	16.49		0
	3	2	16.48	16.43	16.53		0
	3	3	16.43	16.32	16.46		0
	6	0	16.20	16.21	16.13		0
256QAM	1	0	15.99	16.22	16.07	0-5	0
	1	2	16.03	16.27	15.99		0
	1	5	15.89	16.25	15.92		0
	3	0	16.30	16.22	16.27		0
	3	2	16.33	16.33	16.30		0
	3	3	16.22	16.28	16.25		0
	6	0	16.19	16.22	16.21		0

Table I-20
LTE Band 26 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.16	17.13	17.05	0	0
	1	12	17.11	17.11	17.13		0
	1	24	17.01	17.06	16.96		0
	12	0	17.14	17.12	17.22		0
	12	6	17.20	17.17	17.28		0
	12	13	17.12	17.05	17.18		0
	25	0	17.20	17.14	17.18		0
16QAM	1	0	17.27	17.42	17.45	0-1	0
	1	12	17.29	17.60	17.40		0
	1	24	17.17	17.45	17.32		0
	12	0	17.15	17.32	17.22		0
	12	6	17.24	17.41	17.34		0
	12	13	17.12	17.30	17.22		0
	25	0	17.16	17.10	17.24		0
64QAM	1	0	17.60	16.86	17.39	0-2	0
	1	12	17.66	17.13	17.41		0
	1	24	17.62	16.93	17.29		0
	12	0	17.30	17.28	17.27		0
	12	6	17.36	17.32	17.35		0
	12	13	17.25	17.22	17.18		0
	25	0	17.22	17.20	17.19		0
256QAM	1	0	17.17	17.35	17.34	0-5	0
	1	12	17.39	17.57	17.54		0
	1	24	17.25	17.32	17.34		0
	12	0	17.25	17.19	17.25		0
	12	6	17.34	17.29	17.32		0
	12	13	17.26	17.19	17.26		0
	25	0	17.22	17.17	17.25		0

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Table I-21
LTE Band 26 Measured P_{limit} Antenna 4 - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.02	17.06	17.14	0	0
	1	7	16.97	16.96	17.10		0
	1	14	16.91	17.04	17.06		0
	8	0	17.14	17.08	17.25	0-1	0
	8	4	17.20	17.13	17.24		0
	8	7	17.10	17.10	17.21		0
	15	0	17.18	17.16	17.25		0
16QAM	1	0	17.39	17.30	17.72	0-1	0
	1	7	17.41	17.35	17.72		0
	1	14	17.31	17.26	17.63		0
	8	0	17.24	17.12	17.36	0-2	0
	8	4	17.20	17.19	17.38		0
	8	7	17.17	17.17	17.34		0
	15	0	17.27	17.13	17.35		0
64QAM	1	0	17.42	17.00	17.27	0-2	0
	1	7	17.50	17.08	17.24		0
	1	14	17.28	17.12	17.13		0
	8	0	17.24	17.19	17.36	0-3	0
	8	4	17.27	17.14	17.34		0
	8	7	17.21	17.17	17.30		0
	15	0	17.26	17.29	17.31		0
256QAM	1	0	16.80	17.24	17.70	0-5	0
	1	7	16.94	17.23	17.71		0
	1	14	16.82	17.19	17.70		0
	8	0	17.25	17.03	17.39		0
	8	4	17.24	17.06	17.39		0
	8	7	17.20	17.04	17.31		0
	15	0	17.21	17.26	17.27		0

Table I-22
LTE Band 26 Measured P_{limit} Antenna 4 - 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.15	16.99	17.19	0	0
	1	2	17.35	17.07	17.40		0
	1	5	17.06	16.96	17.13		0
	3	0	17.06	17.09	17.17		0
	3	2	17.09	17.12	17.23		0
	3	3	16.98	17.06	17.16		0
	6	0	17.04	17.11	17.14	0-1	0
16QAM	1	0	17.31	17.14	17.45	0-1	0
	1	2	17.44	17.24	17.45		0
	1	5	17.36	17.15	17.44		0
	3	0	17.15	17.22	17.40		0
	3	2	17.14	17.22	17.39		0
	3	3	17.10	17.22	17.33		0
	6	0	17.11	17.11	17.30	0-2	0
64QAM	1	0	17.45	16.82	17.51	0-2	0
	1	2	17.65	17.01	17.60		0
	1	5	17.47	16.84	17.56		0
	3	0	17.41	17.32	17.50		0
	3	2	17.45	17.34	17.52		0
	3	3	17.32	17.31	17.48		0
	6	0	17.05	17.14	17.25	0-3	0
256QAM	1	0	16.81	17.08	17.28	0-5	0
	1	2	16.90	17.29	17.32		0
	1	5	16.80	17.13	17.25		0
	3	0	17.12	17.16	17.23		0
	3	2	17.18	17.26	17.31		0
	3	3	17.10	17.13	17.19		0
	6	0	17.19	17.22	17.12	0-5	0

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LTE Band 5

Table I-23
LTE Band 5 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.18	16.21	16.13	0	0
	1	12	16.12	16.18	15.94		0
	1	24	16.06	16.15	16.00		0
	12	0	16.23	16.26	16.29	0-1	0
	12	6	16.34	16.33	16.31		0
	12	13	16.24	16.25	16.26		0
16QAM	25	0	16.29	16.32	16.29	0	
	1	0	16.78	16.75	16.64	0-1	0
	1	12	16.85	16.71	16.65		0
	1	24	16.82	16.63	16.59		0
	12	0	16.38	16.37	16.35	0-2	0
	12	6	16.40	16.39	16.34		0
12	13	16.35	16.32	16.32	0		
64QAM	25	0	16.28	16.26	16.28	0	
	1	0	16.66	16.83	16.77	0-2	0
	1	12	16.58	16.79	16.79		0
	1	24	16.54	16.83	16.64		0
	12	0	16.30	16.40	16.28	0-3	0
	12	6	16.35	16.46	16.33		0
12	13	16.27	16.36	16.33	0		
256QAM	25	0	16.35	16.32	16.24	0	
	1	0	16.65	16.78	16.76	0-5	0
	1	12	16.59	16.85	16.78		0
	1	24	16.52	16.80	16.65		0
	12	0	16.31	16.41	16.35		0
	12	6	16.35	16.41	16.34		0
12	13	16.26	16.38	16.33	0		
	25	0	16.35	16.33	16.22	0	

Table I-24
LTE Band 5 Measured P_{limit} Antenna 2 - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.15	16.19	16.18	0	0
	1	7	16.19	16.19	16.19		0
	1	14	16.07	16.16	16.12		0
	8	0	16.22	16.23	16.26	0-1	0
	8	4	16.28	16.27	16.32		0
	8	7	16.23	16.28	16.24		0
	15	0	16.25	16.30	16.24	0	
16QAM	1	0	16.74	16.82	16.80	0-1	0
	1	7	16.63	16.76	16.87		0
	1	14	16.65	16.76	16.80		0
	8	0	16.31	16.15	16.37	0-2	0
	8	4	16.37	16.25	16.41		0
	8	7	16.33	16.19	16.40		0
	15	0	16.35	16.42	16.34	0	
64QAM	1	0	16.76	16.79	16.82	0-2	0
	1	7	16.55	16.78	16.79		0
	1	14	16.66	16.79	16.80		0
	8	0	16.30	16.16	16.36	0-3	0
	8	4	16.39	16.20	16.42		0
	8	7	16.33	16.21	16.42		0
	15	0	16.29	16.42	16.36	0	
256QAM	1	0	16.76	16.79	16.76	0-5	0
	1	7	16.62	16.79	16.75		0
	1	14	16.68	16.68	16.82		0
	8	0	16.35	16.18	16.39		0
	8	4	16.39	16.22	16.43		0
	8	7	16.32	16.20	16.39		0
	15	0	16.32	16.43	16.36		0

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Table I-25
LTE Band 5 Measured P_{limit} Antenna 2 - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.08	16.14	16.15	0	0
	1	2	16.12	16.23	16.16		0
	1	5	16.04	16.16	16.08		0
	3	0	16.19	16.14	16.13		0
	3	2	16.18	16.18	16.15		0
	3	3	16.15	16.08	16.11		0
16QAM	6	0	16.20	16.22	16.22	0-1	0
	1	0	16.67	16.73	16.47	0-1	0
	1	2	16.72	16.85	16.53		0
	1	5	16.63	16.77	16.46		0
	3	0	16.25	16.25	16.37		0
	3	2	16.23	16.25	16.39		0
64QAM	3	3	16.17	16.22	16.29		0
	6	0	16.42	16.12	16.39	0-2	0
	1	0	16.45	16.80	16.68	0-2	0
	1	2	16.51	16.79	16.76		0
	1	5	16.43	16.78	16.66		0
	3	0	16.26	16.18	16.21		0
256QAM	3	2	16.40	16.35	16.33		0
	3	3	16.26	16.26	16.27		0
	6	0	16.33	16.09	16.44	0-3	0
	1	0	16.45	16.82	16.72	0-5	0
	1	2	16.49	16.86	16.77		0
	1	5	16.48	16.79	16.68		0
3	0	16.26	16.24	16.23	0		
3	2	16.31	16.24	16.34	0		
3	3	16.25	16.29	16.29	0		
6	0	16.34	16.13	16.46	0		

Table I-26
LTE Band 5 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20425 (826.5 MHz)	20525 (836.5 MHz)	20625 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.93	17.10	17.18	0	0
	1	12	16.94	16.96	17.08		0
	1	24	16.83	17.00	17.12		0
	12	0	17.05	17.14	17.17		0
	12	6	17.13	17.18	17.16		0
	12	13	17.05	17.11	17.10		0
16QAM	25	0	17.14	17.13	17.14	0-1	0
	1	0	17.21	17.77	17.39		0
	1	12	17.20	17.51	17.33		0
	1	24	17.12	17.40	17.31		0
	12	0	17.08	17.32	17.15		0
	12	6	17.18	17.37	17.18		0
	12	13	17.06	17.30	17.13		0
	25	0	17.08	17.11	17.18		0
64QAM	1	0	17.65	16.88	17.31	0-2	0
	1	12	17.69	16.93	17.53		0
	1	24	17.76	16.86	17.31		0
	12	0	17.19	17.21	17.15		0
	12	6	17.27	17.31	17.21		0
	12	13	17.23	17.22	17.18		0
	25	0	17.10	17.22	17.18		0
	256QAM	1	0	17.18	17.36		17.31
1		12	17.35	17.56	17.36	0	
1		24	17.24	17.30	17.30	0	
12		0	17.21	17.18	17.18	0	
12		6	17.28	17.26	17.16	0	
12		13	17.21	17.20	17.17	0	
25		0	17.17	17.17	17.19	0	

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Table I-27
LTE Band 5 Measured P_{limit} Antenna 4 - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20415 (825.5 MHz)	20525 (836.5 MHz)	20635 (847.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	16.95	17.05	17.09	0	0	
	1	7	16.90	16.95	16.96		0	
	1	14	16.91	16.99	16.99		0	
	8	0	17.04	17.09	17.09	0-1	0	
	8	4	17.10	17.12	17.22		0	
	8	7	17.10	17.11	17.15		0	
16QAM	15	0	17.15	17.12	17.11	0-1	0	
	1	0	17.38	17.26	17.76		0	
	1	7	17.39	17.17	17.76		0	
	1	14	17.27	17.16	17.60	0-2	0	
	8	0	17.20	17.12	17.22		0	
	8	4	17.17	17.20	17.31		0	
64QAM	8	7	17.22	17.12	17.27	0-2	0	
	15	0	17.21	17.08	17.23		0	
	1	0	17.37	16.97	17.04		0-2	0
	1	7	17.43	17.08	17.10	0		
	1	14	17.26	17.00	17.07	0-3		0
	8	0	17.12	17.13	17.17		0	
256QAM	8	4	17.20	17.13	17.32		0-3	0
	8	7	17.13	17.16	17.21	0		
	15	0	17.20	17.28	17.17	0		
	256QAM	1	0	16.81	17.20	17.60	0-5	0
		1	7	16.93	17.21	17.62		0
		1	14	16.82	17.16	17.51		0
8		0	17.11	16.99	17.30	0-5	0	
8		4	17.24	17.02	17.27		0	
8		7	17.23	17.05	17.26		0	
15	0	17.20	17.24	17.15		0		

Table I-28
LTE Band 5 Measured P_{limit} Antenna 4 - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20407 (824.7 MHz)	20525 (836.5 MHz)	20643 (848.3 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	16.87	17.02	17.15	0	0	
	1	2	16.94	17.00	17.29		0	
	1	5	16.87	17.00	17.10		0	
	3	0	17.10	17.05	17.06		0	
	3	2	17.01	17.14	17.10		0	
	3	3	17.09	17.11	16.99		0	
16QAM	6	0	17.06	17.05	17.11	0-1	0	
	1	0	17.29	17.11	17.31		0	
	1	2	17.35	17.23	17.33		0	
	1	5	17.32	17.11	17.30		0	
	3	0	17.22	17.24	17.15		0	
	3	2	17.29	17.26	17.15		0	
64QAM	3	3	17.19	17.22	17.10	0-2	0	
	6	0	17.16	17.10	17.09		0	
	1	0	17.40	16.82	17.43		0-3	0
	1	2	17.59	16.99	17.56			0
	1	5	17.39	16.82	17.46			0
	3	0	17.33	17.22	17.41			0
256QAM	3	2	17.42	17.32	17.48	0-5		0
	3	3	17.27	17.26	17.40			0
	6	0	16.93	17.10	17.22		0	
	1	0	17.03	17.13	16.91		0	
	1	2	17.24	17.20	16.93		0	
	1	5	17.06	17.18	16.81		0	
	3	0	17.12	17.26	17.20		0	
	3	2	17.20	17.21	17.27		0	
	3	3	17.07	17.10	17.16		0	
	6	0	17.13	17.03	17.21		0	

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LTE Band 66

Table I-29
LTE Band 66 Measured P_{limit} Antenna 1b - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.00	10.96	11.05	0	0
	1	36	11.06	11.05	11.09		0
	1	74	11.06	10.96	10.94		0
	36	0	11.06	11.17	11.17	0-1	0
	36	18	11.17	11.29	11.23		0
	36	37	11.13	11.20	11.20		0
	75	0	11.14	11.19	11.13		0
16QAM	1	0	11.21	11.49	11.45	0-1	0
	1	36	11.33	11.57	11.46		0
	1	74	11.26	11.47	11.35		0
	36	0	10.96	11.05	11.01	0-2	0
	36	18	11.09	11.15	11.04		0
	36	37	11.00	11.09	11.05		0
	75	0	10.95	11.08	10.92		0
64QAM	1	0	11.39	10.84	10.96	0-2	0
	1	36	11.39	10.99	10.91		0
	1	74	11.41	10.87	10.91		0
	36	0	11.25	11.20	11.18	0-3	0
	36	18	11.28	11.25	11.21		0
	36	37	11.20	11.13	11.22		0
	75	0	11.21	11.06	11.08		0
256QAM	1	0	11.24	11.05	11.38	0-5	0
	1	36	11.39	11.13	11.47		0
	1	74	11.33	10.97	11.38		0
	36	0	11.19	11.09	11.12		0
	36	18	11.35	11.16	11.16		0
	36	37	11.25	11.07	11.14		0
	75	0	11.26	11.12	11.13		0

Table I-30
LTE Band 66 Measured P_{limit} Antenna 1b - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.90	11.08	10.93	0	0
	1	12	11.03	11.10	10.90		0
	1	24	10.95	11.11	10.92		0
	12	0	11.21	11.24	11.19	0-1	0
	12	6	11.19	11.27	11.26		0
	12	13	11.20	11.23	11.16		0
16QAM	25	0	11.19	11.27	11.21	0-1	0
	1	0	11.30	11.59	11.54		0
	1	12	11.31	11.60	11.58		0
	1	24	11.26	11.61	11.53	0-2	0
	12	0	10.98	11.12	11.07		0
	12	6	11.05	11.17	11.10		0
	12	13	10.99	11.10	11.01		0
	25	0	10.95	11.06	11.00		0
64QAM	1	0	11.22	11.59	11.20	0-2	0
	1	12	11.35	11.50	11.01		0
	1	24	11.19	11.25	11.14		0
	12	0	11.27	11.19	11.09	0-3	0
	12	6	11.29	11.21	11.18		0
	12	13	11.26	11.13	11.10		0
	25	0	11.26	11.09	11.12		0
256QAM	1	0	11.08	11.03	11.29	0-5	0
	1	12	11.23	11.35	11.25		0
	1	24	11.17	11.01	11.16		0
	12	0	11.27	11.11	11.16		0
	12	6	11.30	11.16	11.20		0
	12	13	11.21	11.12	11.14		0
	25	0	11.19	11.08	11.16		0

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Table I-31
LTE Band 66 Measured P_{limit} Antenna 1b - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.10	11.14	11.08	0	0
	1	7	11.13	11.07	11.18		0
	1	14	11.07	11.08	11.08		0
	8	0	11.19	11.24	11.22	0-1	0
	8	4	11.22	11.29	11.23		0
	8	7	11.17	11.28	11.19		0
	15	0	11.15	11.25	11.21		0
16QAM	1	0	11.53	11.54	11.52	0-1	0
	1	7	11.45	11.57	11.57		0
	1	14	11.52	11.56	11.48		0
	8	0	11.02	11.15	11.23	0-2	0
	8	4	11.04	11.16	11.24		0
	8	7	10.99	11.13	11.20		0
	15	0	11.02	11.05	11.05		0
64QAM	1	0	11.07	11.28	11.03	0-2	0
	1	7	11.10	11.34	11.04		0
	1	14	11.01	11.21	11.01		0
	8	0	11.24	11.08	11.14	0-3	0
	8	4	11.23	11.10	11.20		0
	8	7	11.21	11.05	11.13		0
	15	0	11.34	11.12	11.11		0
256QAM	1	0	10.93	11.14	11.48	0-5	0
	1	7	10.97	11.08	11.49		0
	1	14	10.90	11.11	11.46		0
	8	0	11.32	11.04	11.27		0
	8	4	11.27	11.03	11.28		0
	8	7	11.28	11.00	11.28		0
	15	0	11.25	11.16	11.17		0

Table I-32
LTE Band 66 Measured P_{limit} Antenna 1b - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.12	11.04	11.14	0	0
	1	2	11.14	11.11	11.17		0
	1	5	11.06	11.04	11.12		0
	3	0	11.00	11.13	10.97		0
	3	2	10.98	11.09	10.99		0
	3	3	10.94	11.16	10.95		0
	6	0	11.11	11.18	11.20	0-1	0
16QAM	1	0	11.51	11.57	11.51	0-1	0
	1	2	11.57	11.58	11.59		0
	1	5	11.45	11.55	11.52		0
	3	0	11.07	11.08	11.15		0
	3	2	11.11	11.16	11.23		0
	3	3	11.08	11.04	11.11		0
	6	0	10.85	10.95	11.07	0-2	0
64QAM	1	0	11.40	11.22	11.20	0-2	0
	1	2	11.51	11.30	11.28		0
	1	5	11.37	11.28	11.15		0
	3	0	11.30	11.24	11.34		0
	3	2	11.39	11.34	11.37		0
	3	3	11.30	11.26	11.25		0
	6	0	11.12	11.08	10.92	0-3	0
256QAM	1	0	10.89	11.08	11.07	0-5	0
	1	2	10.93	11.13	11.14		0
	1	5	10.87	11.03	11.04		0
	3	0	11.10	11.06	11.25		0
	3	2	11.14	11.11	11.23		0
	3	3	11.10	11.01	11.19		0
	6	0	11.18	10.88	11.14	0	

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Table I-33
LTE Band 66 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.11	12.91	12.73	0	0
	1	36	13.23	12.95	12.81		0
	1	74	13.11	12.82	12.58		0
	36	0	13.23	13.02	12.88	0-1	0
	36	18	13.27	13.09	12.97		0
	36	37	13.20	12.99	12.88		0
	75	0	13.19	13.02	12.88		0
16QAM	1	0	13.15	12.78	13.11	0-1	0
	1	36	13.24	12.83	13.11		0
	1	74	13.10	12.63	12.97		0
	36	0	12.97	12.68	12.57	0-2	0
	36	18	13.01	12.81	12.67		0
	36	37	12.93	12.69	12.60		0
	75	0	12.89	12.77	12.62		0
64QAM	1	0	13.33	12.61	12.61	0-2	0
	1	36	13.50	12.67	12.59		0
	1	74	13.41	12.48	12.45		0
	36	0	12.97	12.84	12.65	0-3	0
	36	18	12.99	12.95	12.77		0
	36	37	12.93	12.84	12.66		0
	75	0	12.90	12.79	12.62		0
256QAM	1	0	12.97	13.21	12.83	0-5	0
	1	36	13.12	13.31	12.88		0
	1	74	12.95	13.13	12.79		0
	36	0	13.05	12.86	12.67		0
	36	18	13.08	12.88	12.72		0
	36	37	13.00	12.79	12.65		0
	75	0	13.02	12.81	12.66		0

Table I-34
LTE Band 66 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.09	12.95	12.59	0	0
	1	12	13.07	13.08	12.64		0
	1	24	13.07	12.90	12.57		0
	12	0	13.17	13.00	12.80	0-1	0
	12	6	13.20	13.00	12.83		0
	12	13	13.11	12.94	12.77		0
	25	0	13.18	13.00	12.83		0
16QAM	1	0	12.91	13.06	12.65	0-1	0
	1	12	12.96	13.32	12.75		0
	1	24	12.89	12.99	12.65		0
	12	0	12.89	12.97	12.53	0-2	0
	12	6	12.90	12.95	12.57		0
	12	13	12.84	12.91	12.52		0
	25	0	12.84	12.67	12.57		0
64QAM	1	0	13.27	12.36	12.61	0-2	0
	1	12	13.46	12.70	12.79		0
	1	24	13.35	12.34	12.59		0
	12	0	13.02	12.85	12.59	0-3	0
	12	6	13.04	12.88	12.61		0
	12	13	12.98	12.77	12.53		0
	25	0	12.91	12.78	12.53		0
256QAM	1	0	13.01	12.80	12.61	0-5	0
	1	12	13.16	12.87	12.67		0
	1	24	13.01	12.74	12.61		0
	12	0	13.04	12.71	12.68		0
	12	6	13.07	12.73	12.70		0
	12	13	13.02	12.70	12.67		0
	25	0	13.01	12.76	12.62		0

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Table I-35
LTE Band 66 Measured P_{limit} Antenna 2 - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.00	12.94	12.73	0	0
	1	7	12.94	12.80	12.58		0
	1	14	12.94	12.86	12.69		0
	8	0	13.16	12.98	12.82	0-1	0
	8	4	13.17	12.98	12.85		0
	8	7	13.14	12.98	12.83		0
	15	0	13.18	13.00	12.83		0
16QAM	1	0	13.01	12.85	13.07	0-1	0
	1	7	13.05	12.80	13.09		0
	1	14	13.03	12.81	12.99		0
	8	0	12.97	12.76	12.64	0-2	0
	8	4	12.93	12.78	12.65		0
	8	7	12.94	12.71	12.61		0
	15	0	12.96	12.67	12.63		0
64QAM	1	0	13.07	12.53	12.61	0-2	0
	1	7	13.10	12.63	12.59		0
	1	14	12.99	12.54	12.45		0
	8	0	12.89	12.80	12.59	0-3	0
	8	4	12.92	12.76	12.63		0
	8	7	12.94	12.76	12.56		0
	15	0	12.96	12.85	12.54		0
256QAM	1	0	13.04	13.15	12.63	0-5	0
	1	7	12.97	13.20	12.62		0
	1	14	12.98	13.16	12.58		0
	8	0	12.95	12.93	12.52		0
	8	4	12.97	12.85	12.50		0
	8	7	12.93	12.80	12.48		0
	15	0	13.02	12.75	12.61		0

Table I-36
LTE Band 66 Measured P_{limit} Antenna 2 - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.87	12.85	12.77	0	0
	1	2	12.94	12.87	12.94		0
	1	5	12.87	12.84	12.77		0
	3	0	13.09	12.78	12.72		0
	3	2	13.06	12.89	12.76		0
	3	3	13.10	12.83	12.71		0
16QAM	6	0	13.11	12.93	12.73	0-1	0
	1	0	13.00	12.66	12.63	0-1	0
	1	2	13.01	12.77	12.64		0
	1	5	13.03	12.68	12.74		0
	3	0	12.82	12.77	12.62		0
	3	2	12.80	12.83	12.68		0
	3	3	12.76	12.76	12.59		0
	6	0	12.73	12.65	12.53	0-2	0
64QAM	1	0	12.99	12.44	12.80	0-2	0
	1	2	13.07	12.55	12.90		0
	1	5	13.02	12.36	12.73		0
	3	0	13.05	12.83	12.66		0
	3	2	13.16	12.85	12.75		0
	3	3	13.07	12.80	12.64		0
	6	0	12.88	12.65	12.37	0-3	0
256QAM	1	0	12.73	12.66	12.53	0-5	0
	1	2	12.71	12.70	12.60		0
	1	5	12.74	12.73	12.57		0
	3	0	12.83	12.68	12.55		0
	3	2	12.95	12.76	12.61		0
	3	3	12.89	12.71	12.56		0
	6	0	12.91	12.58	12.54	0	

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Table I-37
LTE Band 66 Measured P_{limit} Antenna 3b - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.61	11.58	11.49	0	0
	1	36	11.66	11.67	11.50		0
	1	74	11.53	11.51	11.38		0
	36	0	11.76	11.68	11.66	0-1	0
	36	18	11.83	11.68	11.73		0
	36	37	11.67	11.55	11.65		0
	75	0	11.76	11.61	11.57		0
16QAM	1	0	12.11	11.63	11.59	0-1	0
	1	36	12.19	11.61	11.59		0
	1	74	12.04	11.46	11.52		0
	36	0	11.83	11.66	11.75	0-2	0
	36	18	11.88	11.72	11.78		0
	36	37	11.75	11.61	11.77		0
	75	0	11.83	11.67	11.73		0
64QAM	1	0	11.69	11.60	11.96	0-2	0
	1	36	11.79	11.61	12.07		0
	1	74	11.62	11.45	11.87		0
	36	0	11.99	11.84	11.84	0-3	0
	36	18	12.05	11.92	11.85		0
	36	37	11.88	11.78	11.80		0
	75	0	11.89	11.81	11.80		0
256QAM	1	0	11.86	11.65	12.03	0-5	0
	1	36	11.99	11.75	12.13		0
	1	74	11.80	11.55	12.02		0
	36	0	11.79	11.66	11.65		0
	36	18	11.83	11.73	11.67		0
	36	37	11.71	11.59	11.61		0
	75	0	11.69	11.69	11.66		0

Table I-38
LTE Band 66 Measured P_{limit} Antenna 3b - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.66	11.41	11.43	0	0
	1	12	11.67	11.39	11.47		0
	1	24	11.65	11.48	11.36		0
	12	0	11.69	11.61	11.60	0-1	0
	12	6	11.79	11.63	11.67		0
	12	13	11.63	11.57	11.63		0
	25	0	11.64	11.56	11.63		0
16QAM	1	0	12.13	11.58	11.62	0-1	0
	1	12	12.17	11.61	11.72		0
	1	24	12.10	11.51	11.65		0
	12	0	11.90	11.73	11.74	0-2	0
	12	6	11.96	11.76	11.80		0
	12	13	11.84	11.70	11.74		0
	25	0	11.84	11.61	11.69		0
64QAM	1	0	11.84	12.17	11.75	0-2	0
	1	12	11.92	12.13	12.01		0
	1	24	11.76	12.13	11.71		0
	12	0	11.96	11.83	11.74	0-3	0
	12	6	11.96	11.86	11.79		0
	12	13	11.87	11.75	11.64		0
	25	0	11.83	11.69	11.72		0
256QAM	1	0	11.69	11.74	11.62	0-5	0
	1	12	11.78	11.89	11.66		0
	1	24	11.66	11.51	11.62		0
	12	0	11.73	11.67	11.55		0
	12	6	11.80	11.77	11.58		0
	12	13	11.70	11.65	11.54		0
	25	0	11.70	11.54	11.57		0

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Table I-39
LTE Band 66 Measured P_{limit} Antenna 3b - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.63	11.44	11.52	0	0
	1	7	11.61	11.38	11.42		0
	1	14	11.59	11.38	11.50		0
	8	0	11.71	11.59	11.64	0-1	0
	8	4	11.64	11.55	11.67		0
	8	7	11.68	11.56	11.60		0
	15	0	11.69	11.61	11.67		0
16QAM	1	0	12.14	11.53	11.65	0-1	0
	1	7	12.16	11.46	11.66		0
	1	14	12.18	11.42	11.59		0
	8	0	11.90	11.60	11.72	0-2	0
	8	4	11.75	11.56	11.69		0
	8	7	11.79	11.58	11.71		0
	15	0	11.75	11.63	11.77		0
64QAM	1	0	11.58	11.87	11.64	0-2	0
	1	7	11.74	11.92	11.64		0
	1	14	11.55	11.82	11.63		0
	8	0	11.90	11.71	11.79	0-3	0
	8	4	11.77	11.73	11.83		0
	8	7	11.80	11.69	11.70		0
	15	0	11.92	11.71	11.74		0
256QAM	1	0	11.42	11.72	12.10	0-5	0
	1	7	11.47	11.60	12.14		0
	1	14	11.36	11.58	12.08		0
	8	0	11.79	11.56	11.64		0
	8	4	11.77	11.56	11.67		0
	8	7	11.72	11.57	11.66		0
	15	0	11.77	11.70	11.56		0

Table I-40
LTE Band 66 Measured P_{limit} Antenna 3b - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.55	11.33	11.63	0	0
	1	2	11.56	11.38	11.73		0
	1	5	11.53	11.36	11.62		0
	3	0	11.45	11.49	11.55		0
	3	2	11.59	11.51	11.57		0
	3	3	11.49	11.51	11.49		0
	6	0	11.68	11.47	11.59	0-1	0
16QAM	1	0	12.07	11.87	11.41	0-1	0
	1	2	12.01	12.01	11.46		0
	1	5	12.02	11.84	11.41		0
	3	0	12.02	11.68	11.82		0
	3	2	12.08	11.72	11.81		0
	3	3	12.02	11.68	11.81		0
	6	0	11.67	11.72	11.85	0-2	0
64QAM	1	0	12.06	11.78	12.03	0-2	0
	1	2	12.15	11.95	12.09		0
	1	5	11.99	11.91	11.93		0
	3	0	11.93	11.91	11.89		0
	3	2	12.00	11.93	11.98		0
	3	3	11.96	11.87	11.83		0
	6	0	11.78	11.68	11.55	0-3	0
256QAM	1	0	11.39	11.65	11.45	0-5	0
	1	2	11.45	11.65	11.57		0
	1	5	11.32	11.65	11.51		0
	3	0	11.58	11.61	11.55		0
	3	2	11.60	11.68	11.64		0
	3	3	11.53	11.69	11.55		0
	6	0	11.62	11.49	11.54	0-5	0

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Table I-41
LTE Band 66 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.33	13.10	13.18	0	0
	1	36	13.40	13.12	13.23		0
	1	74	13.26	12.97	13.10		0
	36	0	13.36	13.25	13.34	0-1	0
	36	18	13.40	13.30	13.37		0
	36	37	13.31	13.21	13.31		0
	75	0	13.35	13.20	13.30		0
16QAM	1	0	13.17	13.42	13.50	0-1	0
	1	36	13.27	13.54	13.50		0
	1	74	13.21	13.37	13.46		0
	36	0	13.21	13.27	13.11	0-2	0
	36	18	13.27	13.29	13.12		0
	36	37	13.20	13.25	13.07		0
	75	0	13.22	13.20	13.06		0
64QAM	1	0	12.93	13.07	12.91	0-2	0
	1	36	13.03	13.06	12.90		0
	1	74	12.95	12.83	12.88		0
	36	0	13.25	13.28	13.10	0-3	0
	36	18	13.35	13.33	13.11		0
	36	37	13.25	13.26	13.10		0
	75	0	13.24	13.21	13.01		0
256QAM	1	0	13.14	13.23	13.27	0-5	0
	1	36	13.25	13.37	13.40		0
	1	74	13.28	13.24	13.35		0
	36	0	13.27	13.15	13.22		0
	36	18	13.34	13.21	13.24		0
	36	37	13.30	13.16	13.25		0
	75	0	13.28	13.14	13.18		0

Table I-42
LTE Band 66 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.19	13.22	12.89	0	0
	1	12	13.23	13.27	12.90		0
	1	24	13.18	13.18	12.88		0
	12	0	13.27	13.27	13.08	0-1	0
	12	6	13.36	13.27	13.11		0
	12	13	13.24	13.25	13.08		0
	25	0	13.19	13.27	13.10		0
16QAM	1	0	13.17	13.41	13.08	0-1	0
	1	12	13.25	13.63	13.06		0
	1	24	13.15	13.35	13.04		0
	12	0	13.13	13.30	12.97	0-2	0
	12	6	13.18	13.32	12.99		0
	12	13	13.01	13.27	12.92		0
	25	0	13.00	13.07	12.97		0
64QAM	1	0	13.49	12.82	12.99	0-2	0
	1	12	13.40	12.95	13.03		0
	1	24	13.34	12.75	12.93		0
	12	0	13.57	13.18	12.97	0-3	0
	12	6	13.56	13.21	12.99		0
	12	13	13.56	13.16	12.88		0
	25	0	13.56	13.10	12.96		0
256QAM	1	0	12.97	13.17	13.09	0-5	0
	1	12	13.14	13.31	13.14		0
	1	24	13.09	13.09	13.02		0
	12	0	13.15	13.15	13.00		0
	12	6	13.20	13.19	13.04		0
	12	13	13.15	13.11	12.99		0
	25	0	13.11	13.08	13.00		0

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Table I-43
LTE Band 66 Measured P_{limit} Antenna 4 - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.19	13.22	12.89	0	0
	1	7	13.23	13.27	12.90		0
	1	14	13.18	13.18	12.88		0
	8	0	13.27	13.27	13.08	0-1	0
	8	4	13.36	13.27	13.11		0
	8	7	13.24	13.25	13.08		0
16QAM	15	0	13.19	13.27	13.10	0	0
	1	0	13.17	13.41	13.08	0-1	0
	1	7	13.25	13.63	13.06		0
	1	14	13.15	13.35	13.04		0
	8	0	13.13	13.30	12.97	0-2	0
	8	4	13.18	13.32	12.99		0
8	7	13.01	13.27	12.92	0		
64QAM	15	0	13.00	13.07	12.97	0	0
	1	0	13.31	12.86	12.83	0-2	0
	1	7	13.31	12.99	12.89		0
	1	14	13.35	12.89	12.81		0
	8	0	13.30	13.10	12.99	0-3	0
	8	4	13.35	13.10	13.03		0
8	7	13.34	13.11	12.97	0		
256QAM	15	0	13.33	13.20	12.94	0	0
	1	0	12.80	13.11	13.33	0-5	0
	1	7	12.86	13.07	13.38		0
	1	14	12.86	13.06	13.34		0
	8	0	13.22	13.02	13.12	0	
	8	4	13.18	13.02	13.15	0	
	8	7	13.21	12.98	13.08	0	0
	15	0	13.18	13.13	13.01	0	0

Table I-44
LTE Band 66 Measured P_{limit} Antenna 4 - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.12	13.17	12.97	0	0
	1	2	13.07	13.09	12.88		0
	1	5	13.08	13.12	12.96		0
	3	0	13.27	13.24	13.06		0
	3	2	13.33	13.26	13.11		0
	3	3	13.30	13.25	13.08		0
16QAM	6	0	13.32	13.27	13.08	0-1	0
	1	0	13.32	13.21	13.47	0-1	0
	1	2	13.35	13.11	13.48		0
	1	5	13.25	13.14	13.38		0
	3	0	13.16	13.11	13.02		0
	3	2	13.21	13.15	13.05		0
64QAM	3	3	13.19	13.10	12.98		0
	6	0	13.22	13.06	13.01	0-2	0
	1	0	13.32	12.86	12.84	0-2	0
	1	2	13.33	13.07	12.80		0
	1	5	13.22	12.90	12.81		0
	3	0	13.12	13.14	12.92		0
3	2	13.14	13.12	12.99	0		
3	3	13.14	13.10	12.88	0		
256QAM	6	0	13.18	13.25	12.88	0-3	0
	1	0	13.12	12.99	12.68	0-5	0
	1	2	13.08	13.05	12.68		0
	1	5	13.02	12.95	12.63		0
	3	0	13.05	13.07	12.94		0
	3	2	13.11	13.13	12.99		0
3	3	13.22	13.04	12.89	0		
	6	0	12.89	13.03	13.00	0	0

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LTE Band 25

Table I-45
LTE Band 25 Measured P_{limit} Antenna 1b - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	10.75	10.71	10.60	0	0	
	1	36	10.91	10.84	10.63		0-1	0
	1	74	10.85	10.72	10.53			0
	36	0	10.87	10.90	10.74	0		
	36	18	11.01	10.96	10.77	0		
	36	37	10.93	10.94	10.70	0		
	75	0	10.91	10.89	10.69	0		
16QAM	1	0	10.66	11.11	10.83	0-1	0	
	1	36	10.74	11.19	10.85		0-2	0
	1	74	10.58	11.02	10.74			0
	36	0	10.64	10.66	10.51	0		
	36	18	10.74	10.68	10.57	0		
	36	37	10.70	10.65	10.47	0		
	75	0	10.69	10.70	10.48	0		
64QAM	1	0	10.50	11.07	10.25	0-2	0	
	1	36	10.64	11.08	10.30		0-3	0
	1	74	10.53	11.05	10.19			0
	36	0	10.70	10.76	10.55	0		
	36	18	10.77	10.76	10.61	0		
	36	37	10.74	10.74	10.52	0		
	75	0	10.76	10.72	10.47	0		
256QAM	1	0	10.94	10.74	10.44	0-5	0	
	1	36	11.08	10.78	10.49		0	
	1	74	11.02	10.77	10.50		0	
	36	0	10.71	10.73	10.59		0	
	36	18	10.80	10.74	10.59		0	
	36	37	10.74	10.70	10.58		0	
	75	0	10.79	10.62	10.55		0	

Table I-46
LTE Band 25 Measured P_{limit} Antenna 1b - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.95	10.78	10.62	0	0
	1	25	10.88	10.78	10.56		0
	1	49	10.91	10.76	10.58		0
	25	0	10.86	10.87	10.64	0-1	0
	25	12	10.97	10.88	10.66		0
	25	25	10.94	10.92	10.71		0
	50	0	10.98	10.86	10.64		0
16QAM	1	0	10.60	10.97	10.96	0-1	0
	1	25	10.59	10.99	10.94		0
	1	49	10.57	10.94	10.98		0
	25	0	10.67	10.67	10.59	0-2	0
	25	12	10.77	10.65	10.71		0
	25	25	10.76	10.70	10.67		0
	50	0	10.70	10.57	10.64		0
64QAM	1	0	10.72	10.83	10.26	0-2	0
	1	25	10.83	10.89	10.30		0
	1	49	10.82	10.52	10.27		0
	25	0	10.66	10.62	10.42	0-3	0
	25	12	10.78	10.68	10.52		0
	25	25	10.75	10.76	10.49		0
	50	0	10.69	10.65	10.44		0
256QAM	1	0	10.95	10.78	10.52	0-5	0
	1	25	10.98	10.80	10.57		0
	1	49	10.94	10.81	10.58		0
	25	0	10.72	10.75	10.48		0
	25	12	10.82	10.74	10.64		0
	25	25	10.81	10.81	10.61		0
	50	0	10.82	10.63	10.66		0

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Table I-47
LTE Band 25 Measured P_{limit} Antenna 1b - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	10.69	10.73	10.43	0	0	
	1	12	10.79	10.83	10.40		0-1	0
	1	24	10.74	10.87	10.43			0
	12	0	10.88	10.77	10.55	0		
	12	6	10.99	10.87	10.74	0		
	12	13	11.02	10.92	10.67	0		
	25	0	10.94	10.84	10.70	0		
16QAM	1	0	10.52	11.12	11.13	0-1	0	
	1	12	10.62	11.13	11.18		0-2	0
	1	24	10.61	11.16	10.37			0
	12	0	10.65	10.62	10.32	0		
	12	6	10.72	10.66	10.40	0		
	12	13	10.72	10.76	10.48	0		
	25	0	10.62	10.61	10.39	0		
64QAM	1	0	11.06	11.17	10.39	0-2	0	
	1	12	10.89	11.18	10.51		0-3	0
	1	24	10.81	11.14	10.51			0
	12	0	10.69	10.59	10.28	0		
	12	6	10.73	10.64	10.46	0		
	12	13	10.75	10.77	10.43	0		
	25	0	10.64	10.57	10.39	0		
256QAM	1	0	10.96	10.80	11.06	0-5	0	
	1	12	11.12	11.07	11.10		0	
	1	24	11.11	10.88	11.07		0	
	12	0	10.59	10.63	10.49		0	
	12	6	10.72	10.65	10.59		0	
	12	13	10.77	10.72	10.65		0	
	25	0	10.70	10.58	10.57		0	

Table I-48
LTE Band 25 Measured P_{limit} Antenna 1b - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.83	10.69	10.42	0	0
	1	7	10.92	10.78	10.64		0
	1	14	10.96	10.84	10.57		0
	8	0	10.92	10.82	10.54	0-1	0
	8	4	11.01	10.88	10.67		0
	8	7	11.00	10.99	10.69		0
	15	0	10.94	10.86	10.66	0	
16QAM	1	0	10.98	10.87	10.66	0-1	0
	1	7	11.09	11.03	10.58		0
	1	14	11.12	11.07	10.60		0
	8	0	10.56	10.57	10.32	0-2	0
	8	4	10.60	10.71	10.30		0
	8	7	10.59	10.74	10.40		0
	15	0	10.63	10.57	10.35	0	
64QAM	1	0	10.66	10.55	10.68	0-2	0
	1	7	10.80	10.81	10.61		0
	1	14	10.87	10.79	10.53		0
	8	0	10.92	10.83	10.60	0-3	0
	8	4	11.02	10.92	10.67		0
	8	7	10.97	10.98	10.75		0
	15	0	10.93	10.97	10.69	0	
256QAM	1	0	11.03	10.59	10.53	0-5	0
	1	7	11.11	10.75	10.67		0
	1	14	11.08	10.80	10.69		0
	8	0	10.67	10.69	10.60		0
	8	4	10.77	10.67	10.70		0
	8	7	10.78	10.87	10.72		0
	15	0	10.74	10.60	10.73		0

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Table I-49
LTE Band 25 Measured P_{limit} Antenna 1b - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.81	10.66	10.58	0	0
	1	2	10.93	10.75	10.62		0
	1	5	10.94	10.78	10.66		0
	3	0	10.72	10.79	10.36		0
	3	2	10.76	10.81	10.47		0
	3	3	10.79	10.84	10.44		0
	6	0	10.86	10.76	10.58		0
16QAM	1	0	11.01	10.89	10.88	0-1	0
	1	2	11.17	11.09	11.02		0
	1	5	11.04	10.97	10.91		0
	3	0	10.80	10.87	10.86		0
	3	2	10.87	10.91	10.88		0
	3	3	10.82	10.92	10.92		0
	6	0	10.86	10.56	10.43		0
64QAM	1	0	11.01	10.92	10.28	0-2	0
	1	2	11.13	11.05	10.39		0
	1	5	11.02	10.95	10.35		0
	3	0	10.87	10.84	10.68		0
	3	2	10.95	10.94	10.79		0
	3	3	10.89	10.83	10.81		0
	6	0	10.71	10.49	10.54		0
256QAM	1	0	11.07	10.57	10.58	0-3	0
	1	2	11.15	10.71	10.82		0
	1	5	11.17	10.71	10.75		0
	3	0	10.46	10.39	10.62		0
	3	2	10.62	10.58	10.68		0
	3	3	10.50	10.51	10.74		0
	6	0	10.97	10.60	10.48		0

Table I-50
LTE Band 25 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.65	12.75	12.64	0	0
	1	36	12.73	12.82	12.74		0
	1	74	12.65	12.70	12.70		0
	36	0	12.87	12.80	12.80		0
	36	18	12.93	12.76	12.86		0
	36	37	12.85	12.80	12.83		0
	75	0	12.86	12.72	12.86		0
16QAM	1	0	12.95	12.61	12.54	0-1	0
	1	36	13.00	12.69	12.67		0
	1	74	12.88	12.63	12.61		0
	36	0	12.68	12.56	12.66		0
	36	18	12.81	12.59	12.68		0
	36	37	12.69	12.59	12.70		0
	75	0	12.69	12.55	12.70		0
64QAM	1	0	12.67	12.44	12.45	0-2	0
	1	36	12.72	12.53	12.58		0
	1	74	12.60	12.47	12.62		0
	36	0	12.67	12.61	12.67		0
	36	18	12.77	12.63	12.43		0
	36	37	12.68	12.65	12.70		0
	75	0	12.71	12.59	12.70		0
256QAM	1	0	12.42	12.37	12.36	0-3	0
	1	36	12.46	12.39	12.32		0
	1	74	12.46	12.39	12.34		0
	36	0	12.47	12.39	12.33		0
	36	18	12.46	12.41	12.32		0
	36	37	12.46	12.40	12.35		0
	75	0	12.47	12.39	12.36		0

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Table I-51
LTE Band 25 Measured P_{limit} Antenna 2 - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.68	12.59	12.71	0	0
	1	25	12.62	12.58	12.67		0
	1	49	12.66	12.64	12.72		0
	25	0	12.88	12.69	12.75	0-1	0
	25	12	12.90	12.72	12.77		0
	25	25	12.85	12.78	12.84		0
	50	0	12.89	12.70	12.77		0
16QAM	1	0	12.93	12.57	12.70	0-1	0
	1	25	12.94	12.57	12.75		0
	1	49	12.92	12.59	12.77		0
	25	0	12.79	12.55	12.64	0-2	0
	25	12	12.80	12.58	12.70		0
	25	25	12.81	13.00	12.78		0
	50	0	12.67	12.50	13.03		0
64QAM	1	0	12.51	12.40	12.53	0-2	0
	1	25	12.53	12.47	12.64		0
	1	49	12.45	12.49	12.64		0
	25	0	12.74	12.51	12.61	0-3	0
	25	12	12.72	12.53	12.59		0
	25	25	12.72	12.62	12.67		0
	50	0	12.73	12.58	12.63		0
256QAM	1	0	12.50	12.40	12.46	0-5	0
	1	25	12.39	12.37	12.68		0
	1	49	12.52	12.38	12.73		0
	25	0	12.39	12.57	12.50		0
	25	12	12.37	12.45	12.43		0
	25	25	12.39	12.37	12.42		0
	50	0	12.43	12.42	12.53		0

Table I-52
LTE Band 25 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.75	12.64	12.56	0	0
	1	12	12.84	12.79	12.61		0
	1	24	12.77	12.76	12.65		0
	12	0	12.85	12.56	12.63	0-1	0
	12	6	12.92	12.62	12.80		0
	12	13	12.89	12.76	12.81		0
	25	0	12.83	12.69	12.80		0
16QAM	1	0	12.75	12.85	12.42	0-1	0
	1	12	12.77	13.00	12.47		0
	1	24	12.78	12.93	12.47		0
	12	0	12.60	12.65	12.49	0-2	0
	12	6	12.75	12.65	12.69		0
	12	13	12.69	12.79	12.69		0
	25	0	12.64	12.42	12.69		0
64QAM	1	0	12.73	12.00	12.77	0-2	0
	1	12	12.89	12.17	12.80		0
	1	24	12.80	12.14	12.86		0
	12	0	12.63	12.64	12.65	0-3	0
	12	6	12.76	12.67	12.73		0
	12	13	12.72	12.83	12.73		0
	25	0	12.68	12.44	12.69		0
256QAM	1	0	12.39	12.81	12.55	0-5	0
	1	12	12.53	12.85	12.53		0
	1	24	12.56	12.83	12.54		0
	12	0	12.41	12.70	12.42		0
	12	6	12.50	12.79	12.47		0
	12	13	12.48	12.85	12.48		0
	25	0	12.50	12.82	12.51		0

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Table I-53
LTE Band 25 Measured P_{limit} Antenna 2 - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.63	12.55	12.61	0	0
	1	7	12.66	12.57	12.58		0
	1	14	12.74	12.69	12.70		0
	8	0	12.84	12.60	12.65	0-1	0
	8	4	12.86	12.65	12.87		0
	8	7	12.90	12.75	12.81		0
	15	0	12.88	12.66	12.82	0	
16QAM	1	0	12.83	12.59	12.50	0-1	0
	1	7	12.93	12.62	12.61		0
	1	14	12.95	12.72	12.65		0
	8	0	12.75	12.47	12.63	0-2	0
	8	4	12.79	12.52	12.76		0
	8	7	12.86	12.62	12.79		0
	15	0	12.75	12.43	12.73	0	
64QAM	1	0	12.88	12.58	13.17	0-2	0
	1	7	12.96	12.72	13.31		0
	1	14	12.94	12.74	13.24		0
	8	0	12.74	12.49	12.62	0-3	0
	8	4	12.75	12.55	12.79		0
	8	7	12.81	12.65	12.81		0
	15	0	12.75	12.42	12.75	0	
256QAM	1	0	12.51	12.33	12.45	0-5	0
	1	7	12.50	12.34	12.40		0
	1	14	12.54	12.18	12.54		0
	8	0	12.63	12.22	12.54		0
	8	4	12.54	12.24	12.51		0
	8	7	12.59	12.39	12.51		0
	15	0	12.61	12.34	12.55		0

Table I-54
LTE Band 25 Measured P_{limit} Antenna 2 - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	12.80	12.49	12.71	0	0	
	1	2	12.99	12.58	12.83		0	
	1	5	12.87	12.61	12.80		0	
	3	0	12.74	12.44	12.57		0	
	3	2	12.83	12.58	12.74		0	
	3	3	12.72	12.54	12.66		0	
16QAM	6	0	12.77	12.60	12.68	0-1	0	
	1	0	12.65	12.61	12.59	0-1	0	
	1	2	12.75	12.71	12.74		0	
	1	5	12.78	12.78	12.74		0	
	3	0	12.79	12.61	12.63		0	
	3	2	12.86	12.78	12.78		0	
64QAM	3	3	12.80	12.68	12.74		0-2	0
	6	0	12.64	12.55	12.48	0		
	1	0	12.83	12.67	12.77	0-2		0
	1	2	12.87	12.73	12.84			0
	1	5	12.92	12.77	12.91			0
	3	0	12.63	12.61	12.58			0
256QAM	3	2	12.72	12.75	12.61		0-3	0
	3	3	12.70	12.69	12.62			0
	6	0	12.64	12.50	12.50	0		
	1	0	12.45	12.31	12.42	0-5		0
	1	2	12.51	12.22	12.48			0
	1	5	12.52	12.39	12.46			0
3	0	12.41	12.18	12.44	0			
3	2	12.54	12.31	12.40	0			
3	3	12.43	12.27	12.38	0			
	6	0	12.55	12.30	12.44		0	

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Table I-55
LTE Band 25 Measured P_{limit} Antenna 3b - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.18	12.01	11.87	0	0
	1	36	12.24	12.04	11.95		0
	1	74	12.07	11.93	11.87		0
	36	0	12.26	12.19	12.13	0-1	0
	36	18	12.27	12.22	12.11		0
	36	37	12.11	12.15	12.07		0
	75	0	12.20	12.16	12.06		0
16QAM	1	0	11.85	12.17	11.64	0-1	0
	1	36	11.84	12.20	11.65		0
	1	74	11.80	12.10	11.56		0
	36	0	11.93	11.87	11.78	0-2	0
	36	18	11.95	11.89	11.85		0
	36	37	11.82	11.82	11.77		0
	75	0	11.91	11.87	11.75		0
64QAM	1	0	12.22	11.68	11.66	0-2	0
	1	36	12.24	11.68	11.65		0
	1	74	12.10	11.53	11.54		0
	36	0	11.97	11.99	11.88	0-3	0
	36	18	11.99	12.00	11.87		0
	36	37	11.86	11.94	11.82		0
	75	0	11.94	11.92	11.75		0
256QAM	1	0	11.88	11.81	12.26	0-5	0
	1	36	12.01	11.90	12.31		0
	1	74	11.92	11.79	12.18		0
	36	0	11.85	11.87	11.87		0
	36	18	11.81	11.90	11.91		0
	36	37	11.79	11.84	11.84		0
	75	0	11.77	11.89	11.88		0

Table I-56
LTE Band 25 Measured P_{limit} Antenna 3b - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.94	12.00	11.87	0	0
	1	25	11.99	11.97	11.85		0
	1	49	11.98	11.97	11.90		0
	25	0	12.17	12.12	12.02	0-1	0
	25	12	12.21	12.14	12.03		0
	25	25	12.15	12.13	12.02		0
	50	0	12.21	12.16	12.08		0
16QAM	1	0	11.83	12.15	11.61	0-1	0
	1	25	11.76	12.15	11.59		0
	1	49	11.79	12.16	11.64		0
	25	0	11.97	11.94	11.83	0-2	0
	25	12	12.01	11.89	11.84		0
	25	25	11.94	11.90	11.85		0
	50	0	11.93	11.81	11.73		0
64QAM	1	0	12.06	11.65	11.65	0-2	0
	1	25	12.09	11.66	11.64		0
	1	49	12.04	11.67	11.64		0
	25	0	11.96	11.88	11.83	0-3	0
	25	12	12.02	11.95	11.87		0
	25	25	11.98	11.97	11.83		0
	50	0	11.94	11.90	11.79		0
256QAM	1	0	11.43	11.88	12.30	0-5	0
	1	25	11.51	11.79	12.34		0
	1	49	11.53	11.80	12.31		0
	25	0	11.84	11.84	11.85		0
	25	12	11.90	11.87	11.87		0
	25	25	11.86	11.89	11.91		0
	50	0	11.84	11.85	11.85		0

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Table I-57
LTE Band 25 Measured P_{limit} Antenna 3b - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.08	12.03	11.80	0	0
	1	12	12.07	12.15	11.81	0-1	0
	1	24	12.08	12.09	11.84		0
	12	0	12.11	12.03	11.96		0
	12	6	12.20	12.13	12.03		0
	12	13	12.13	12.10	12.02		0
	25	0	12.17	12.08	11.98	0	
16QAM	1	0	11.75	12.33	11.68	0-1	0
	1	12	11.90	12.40	11.69		0
	1	24	11.85	12.35	11.71		0
	12	0	11.92	11.85	11.73	0-2	0
	12	6	11.99	11.91	11.76		0
	12	13	11.94	11.96	11.83		0
	25	0	11.87	11.89	11.74		0
64QAM	1	0	12.17	11.45	11.76	0-2	0
	1	12	12.27	11.58	11.87		0
	1	24	12.10	11.48	11.81		0
	12	0	11.92	11.81	11.68	0-3	0
	12	6	11.98	11.90	11.77		0
	12	13	11.91	11.92	11.74		0
	25	0	11.88	11.85	11.73		0
256QAM	1	0	11.75	11.80	11.79	0-5	0
	1	12	11.81	12.08	11.84		0
	1	24	11.77	11.90	11.84		0
	12	0	11.81	11.81	11.68		0
	12	6	11.79	11.91	11.78		0
	12	13	11.81	11.90	11.78		0
	25	0	11.71	11.80	11.74		0

Table I-58
LTE Band 25 Measured P_{limit} Antenna 3b - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.96	11.88	11.84	0	0
	1	7	11.93	11.87	11.77		0
	1	14	12.05	12.04	11.94		0
	8	0	12.13	12.03	11.96		0
	8	4	12.15	12.09	12.03		0
	8	7	12.15	12.11	12.04		0
	15	0	12.17	12.09	12.03		0
16QAM	1	0	11.64	12.10	11.58	0-1	0
	1	7	11.64	12.22	11.62		0
	1	14	11.73	12.24	11.65		0
	8	0	11.74	11.86	11.71		0
	8	4	11.86	11.92	11.78		0
	8	7	11.87	11.92	11.75		0
	15	0	11.86	11.84	11.78		0
64QAM	1	0	12.00	11.51	11.65	0-2	0
	1	7	12.09	11.73	11.61		0
	1	14	12.07	11.66	11.62		0
	8	0	11.83	11.81	11.66		0
	8	4	11.93	11.80	11.81		0
	8	7	11.94	11.84	11.78		0
	15	0	11.92	11.92	11.68		0
256QAM	1	0	11.41	11.76	12.19	0-5	0
	1	7	11.51	11.75	12.25		0
	1	14	11.47	11.84	12.30		0
	8	0	11.79	11.69	11.79		0
	8	4	11.87	11.72	11.74		0
	8	7	11.84	11.79	11.89		0
	15	0	11.75	11.85	11.70		0

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Table I-59
LTE Band 25 Measured P_{limit} Antenna 3b - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.86	11.90	11.93	0	0
	1	2	11.97	11.93	12.09		0
	1	5	11.96	11.92	12.01		0
	3	0	12.05	11.82	11.83		0
	3	2	12.10	11.94	11.96		0
	3	3	12.09	11.90	11.88		0
	6	0	12.08	12.00	11.90		0
16QAM	1	0	11.70	11.96	11.58	0-1	0
	1	2	11.83	12.21	11.58		0
	1	5	11.82	12.04	11.69		0
	3	0	11.89	11.98	11.80		0
	3	2	11.97	12.05	11.88		0
	3	3	11.94	12.06	11.87		0
	6	0	12.04	11.67	11.90		0
64QAM	1	0	12.04	11.46	11.93	0-2	0
	1	2	12.12	11.56	12.05		0
	1	5	12.12	11.48	11.96		0
	3	0	12.10	11.86	11.81		0
	3	2	12.15	11.94	11.94		0
	3	3	12.11	11.89	11.85		0
	6	0	11.87	11.72	11.52		0
256QAM	1	0	11.43	11.68	11.57	0-3	0
	1	2	11.49	11.80	11.74		0
	1	5	11.48	11.78	11.65		0
	3	0	11.64	11.70	11.80		0
	3	2	11.78	11.86	11.81		0
	3	3	11.66	11.77	11.79		0
	6	0	11.75	11.64	11.60		0

Table I-60
LTE Band 25 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.82	12.66	12.56	0	0
	1	36	12.90	12.67	12.54		0
	1	74	12.83	12.67	12.54		0
	36	0	12.91	12.88	12.77		0
	36	18	13.02	12.88	12.81		0
	36	37	12.94	12.87	12.78		0
	75	0	12.96	12.80	12.75		0
16QAM	1	0	13.26	13.14	12.85	0-1	0
	1	36	13.36	13.09	12.88		0
	1	74	13.28	13.05	12.83		0
	36	0	13.01	12.82	12.84		0
	36	18	13.10	12.86	12.87		0
	36	37	13.05	12.85	12.86		0
	75	0	12.98	12.84	12.76		0
64QAM	1	0	13.03	13.23	12.66	0-2	0
	1	36	13.19	13.27	12.64		0
	1	74	13.12	13.24	12.68		0
	36	0	12.98	12.93	12.88		0
	36	18	13.10	12.94	12.87		0
	36	37	13.03	12.97	12.91		0
	75	0	13.03	12.86	12.78		0
256QAM	1	0	12.97	12.76	12.55	0-5	0
	1	36	13.08	12.90	12.69		0
	1	74	13.02	12.84	12.66		0
	36	0	12.74	12.77	12.71		0
	36	18	12.83	12.78	12.79		0
	36	37	12.77	12.79	12.72		0
	75	0	12.77	12.67	12.68		0

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Table I-61
LTE Band 25 Measured P_{limit} Antenna 4 - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.90	12.68	12.57	0	0
	1	25	12.93	12.68	12.56		0
	1	49	12.94	12.64	12.64		0
	25	0	12.91	12.86	12.74	0-1	0
	25	12	13.01	12.89	12.84		0
	25	25	13.00	12.93	12.84		0
	50	0	13.00	12.88	12.84		0
16QAM	1	0	13.17	13.18	12.92	0-1	0
	1	25	13.15	13.13	12.88		0
	1	49	13.24	13.11	12.92		0
	25	0	12.93	12.93	12.75	0-2	0
	25	12	13.07	12.94	12.82		0
	25	25	13.06	12.95	12.85		0
	50	0	13.05	12.94	12.84		0
64QAM	1	0	13.13	13.18	12.65	0-2	0
	1	25	13.16	13.23	12.70		0
	1	49	13.14	13.21	12.74		0
	25	0	12.92	12.78	12.85	0-3	0
	25	12	13.06	12.83	12.99		0
	25	25	13.05	12.91	12.94		0
	50	0	13.04	12.89	12.86		0
256QAM	1	0	13.12	12.83	12.55	0-5	0
	1	25	13.16	12.88	12.71		0
	1	49	13.17	12.88	12.70		0
	25	0	12.66	12.79	12.59		0
	25	12	12.79	12.83	12.65		0
	25	25	12.78	12.90	12.71		0
	50	0	12.78	12.67	12.65		0

Table I-62
LTE Band 25 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.79	12.70	12.73	0	0
	1	12	12.83	12.73	12.79		0
	1	24	12.78	12.73	12.81		0
	12	0	12.80	12.77	12.62	0-1	0
	12	6	12.98	12.80	12.79		0
	12	13	12.97	12.92	12.83		0
	25	0	12.96	12.82	12.67		0
16QAM	1	0	13.25	13.11	13.13	0-1	0
	1	12	13.35	13.18	13.18		0
	1	24	13.33	13.19	13.21		0
	12	0	13.02	12.85	12.75	0-2	0
	12	6	13.11	12.91	12.82		0
	12	13	13.13	13.02	12.91		0
	25	0	12.98	12.95	12.76		0
64QAM	1	0	13.15	13.03	12.89	0-2	0
	1	12	13.27	13.22	13.08		0
	1	24	13.17	13.09	13.04		0
	12	0	12.96	12.84	12.70	0-3	0
	12	6	13.10	12.89	12.81		0
	12	13	13.10	13.03	12.86		0
	25	0	12.83	12.77	12.79		0
256QAM	1	0	13.02	12.89	13.18	0-5	0
	1	12	13.20	13.17	13.25		0
	1	24	13.16	12.92	13.20		0
	12	0	12.59	12.65	12.62		0
	12	6	12.69	12.70	12.69		0
	12	13	12.67	12.80	12.68		0
	25	0	12.73	12.65	12.69		0

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Table I-63
LTE Band 25 Measured P_{limit} Antenna 4 - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.82	12.63	12.48	0	0
	1	7	12.88	12.67	12.55		0
	1	14	12.98	12.76	12.65		0
	8	0	12.93	12.78	12.63	0-1	0
	8	4	12.99	12.84	12.84		0
	8	7	13.04	12.96	12.84		0
16QAM	15	0	12.97	12.83	12.77	0-1	0
	1	0	13.11	13.02	12.90		0
	1	7	13.24	13.15	12.85		0
	1	14	13.31	13.17	12.95	0-2	0
	8	0	13.02	12.81	12.81		0
	8	4	13.07	12.87	12.94		0
64QAM	8	7	13.07	12.95	12.95	0-2	0
	8	0	12.94	12.93	12.85		0
	1	0	13.01	13.02	12.58		0-2
	1	7	13.24	13.27	12.81	0	
	1	14	13.20	13.20	12.74	0	
	8	0	13.05	12.90	12.64	0-3	0
8	4	13.14	12.89	12.86	0		
8	7	13.15	12.99	12.76	0		
256QAM	15	0	13.09	12.81	12.88	0-5	0
	1	0	12.97	12.58	12.55		0
	1	7	13.18	12.76	12.68		0
	1	14	13.07	12.83	12.74	0-5	0
	8	0	12.63	12.75	12.61		0
	8	4	12.66	12.81	12.65		0
	8	7	12.70	12.91	12.83		0
	15	0	12.71	12.59	12.69		0

Table I-64
LTE Band 25 Measured P_{limit} Antenna 4 - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	12.80	12.59	12.69	0	0	
	1	2	12.90	12.65	12.91		0	
	1	5	12.86	12.68	12.81		0	
	3	0	12.87	12.66	12.53		0	
	3	2	12.85	12.76	12.77		0	
	3	3	12.91	12.74	12.63		0	
16QAM	6	0	12.89	12.77	12.68	0-1	0	
	1	0	13.13	12.95	12.77	0-1	0	
	1	2	13.23	13.15	12.82		0	
	1	5	13.19	13.02	12.91		0	
	3	0	12.93	12.86	12.92		0	
	3	2	13.05	12.96	13.01		0	
64QAM	3	3	13.01	12.99	12.94		0-2	0
	6	0	12.83	12.98	12.76	0		
	1	0	13.04	12.94	13.12	0-2		0
	1	2	13.19	13.01	13.22			0
	1	5	13.19	13.13	13.21			0
	3	0	13.08	12.80	12.90			0
256QAM	3	2	13.12	12.80	13.03		0-3	0
	3	3	13.07	12.86	12.93			0
	6	0	12.84	12.61	12.75	0-5		0
	1	0	13.01	12.77	12.74			0
	1	2	13.12	12.82	12.95			0
	1	5	13.13	12.72	12.83			0
3	0	12.43	12.77	12.58	0-5		0	
3	2	12.52	12.77	12.73			0	
3	3	12.49	12.76	12.69		0		
6	0	12.87	12.71	12.64		0		

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LTE Band 7

Table I-65
LTE Band 7 Measured P_{limit} Antenna 1b - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.90	11.92	11.93	0	0
	1	36	11.95	11.99	12.03		0
	1	74	11.87	11.96	11.90		0
	36	0	11.94	12.09	12.08	0-1	0
	36	18	11.98	12.15	12.09		0
	36	37	11.90	12.12	12.09		0
16QAM	75	0	11.91	12.11	12.05	0-1	0
	1	0	12.09	12.17	11.79		0
	1	36	12.16	12.27	11.82		0
	1	74	12.06	12.23	11.70	0-2	0
	36	0	11.73	11.93	11.91		0
	36	18	11.79	11.97	11.92		0
64QAM	36	37	11.75	11.94	11.95	0-2	0
	75	0	11.73	11.93	11.83		0
	1	0	12.20	11.68	11.65		0-2
	1	36	12.23	11.82	11.83	0	
	1	74	12.19	11.73	11.69	0	
	36	0	11.79	12.04	11.98	0-3	0
36	18	11.82	12.06	11.98	0		
36	37	11.79	12.04	11.96	0		
256QAM	75	0	11.78	11.97	11.84	0-3	0
	1	0	11.77	11.72	12.22		0
	1	36	11.94	11.87	12.26		0
	1	74	11.87	11.81	12.26	0-5	0
	36	0	11.81	11.89	12.00		0
	36	18	11.86	12.02	12.05		0
	36	37	11.82	11.95	11.97	0	
	75	0	11.78	11.93	11.96	0	

Table I-66
LTE Band 7 Measured P_{limit} Antenna 1b - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	11.62	11.89	11.97	0	0	
	1	25	11.66	11.90	11.91		0	
	1	49	11.68	11.93	11.90		0	
	25	0	11.97	12.14	12.04	0-1	0	
	25	12	11.97	12.12	12.15		0	
	25	25	11.96	12.10	12.11		0	
16QAM	50	0	11.95	12.14	12.02	0-1	0	
	1	0	11.98	12.16	11.83		0	
	1	25	11.93	12.20	11.76		0	
	1	49	11.99	12.22	11.72	0-2	0	
	25	0	11.86	12.01	11.94		0	
	25	12	11.85	12.01	12.02		0	
64QAM	25	25	11.83	11.97	12.02	0-2	0	
	50	0	11.74	11.93	11.80		0	
	1	0	11.83	11.67	11.65		0-2	0
	1	25	11.88	11.72	11.71	0		
	1	49	11.82	11.79	11.65	0-3		0
	25	0	11.81	11.97	11.96		0	
256QAM	25	12	11.87	12.01	11.99		0-3	0
	25	25	11.85	12.00	11.98	0		
	50	0	11.76	11.96	11.83	0		
	256QAM	1	0	12.17	12.01	11.95	0-5	0
		1	25	12.05	12.03	11.86		0
		1	49	12.11	12.06	11.91		0
25		0	11.88	12.07	11.98	0		
25		12	11.92	12.07	12.00	0		
25		25	11.85	12.03	11.98	0		
	50	0	11.90	11.89	12.02	0		

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Table I-67
LTE Band 7 Measured P_{limit} Antenna 1b - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.76	11.99	11.83	0	0
	1	12	11.79	12.09	11.89		0
	1	24	11.83	12.02	11.80		0
	12	0	11.89	12.06	12.07	0-1	0
	12	6	11.90	12.07	12.02		0
	12	13	11.91	12.05	12.04		0
	25	0	11.92	12.09	12.05		0
16QAM	1	0	12.23	12.42	11.80	0-1	0
	1	12	12.24	12.37	11.84		0
	1	24	12.21	12.39	11.73		0
	12	0	11.79	11.98	11.93	0-2	0
	12	6	11.80	12.02	11.95		0
	12	13	11.78	11.99	11.91		0
	25	0	11.70	11.97	11.87		0
64QAM	1	0	12.18	11.49	11.91	0-2	0
	1	12	12.24	11.54	11.91		0
	1	24	12.28	11.52	11.90		0
	12	0	11.79	11.98	11.85	0-3	0
	12	6	11.83	11.98	11.90		0
	12	13	11.80	11.93	11.86		0
	25	0	11.78	11.90	11.87		0
256QAM	1	0	12.17	12.18	12.32	0-5	0
	1	12	12.29	12.28	12.37		0
	1	24	12.23	12.22	12.39		0
	12	0	11.76	11.89	11.96		0
	12	6	11.81	11.91	11.95		0
	12	13	11.75	11.89	11.95		0
	25	0	11.84	11.90	12.00		0

Table I-68
LTE Band 7 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.38	11.26	11.28	0	0
	1	36	11.46	11.34	11.36		0
	1	74	11.42	11.25	11.35		0
	36	0	11.47	11.50	11.48	0-1	0
	36	18	11.49	11.56	11.53		0
	36	37	11.43	11.50	11.47		0
	75	0	11.48	11.49	11.48		0
16QAM	1	0	11.23	11.10	11.39	0-1	0
	1	36	11.32	11.17	11.44		0
	1	74	11.23	11.08	11.39		0
	36	0	11.41	11.32	11.33	0-2	0
	36	18	11.46	11.41	11.43		0
	36	37	11.43	11.35	11.34		0
	75	0	11.34	11.35	11.38		0
64QAM	1	0	11.24	11.07	11.11	0-2	0
	1	36	11.31	11.15	11.14		0
	1	74	11.25	11.05	11.04		0
	36	0	11.32	11.34	11.33	0-3	0
	36	18	11.37	11.41	11.40		0
	36	37	11.33	11.34	11.33		0
	75	0	11.32	11.35	11.33		0
256QAM	1	0	11.10	11.05	11.04	0-5	0
	1	36	11.39	11.07	11.02		0
	1	74	11.43	11.10	11.02		0
	36	0	11.25	11.06	10.98		0
	36	18	11.34	11.06	10.98		0
	36	37	11.34	11.08	10.97		0
	75	0	11.35	11.03	11.03		0

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Table I-69
LTE Band 7 Measured P_{limit} Antenna 2 - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	11.30	11.21	11.24	0	0	
	1	25	11.21	11.17	11.19		0-1	0
	1	49	11.28	11.24	11.22			0
	25	0	11.50	11.50	11.44	0		
	25	12	11.50	11.51	11.46	0		
	25	25	11.45	11.48	11.49	0		
	50	0	11.45	11.53	11.48	0		
16QAM	1	0	11.68	11.06	11.38	0-1	0	
	1	25	11.61	11.05	11.36		0-2	0
	1	49	11.69	11.07	11.32			0
	25	0	11.36	11.42	11.36	0		
	25	12	11.37	11.39	11.41	0		
	25	25	11.37	11.42	11.37	0		
	50	0	11.38	11.42	11.40	0		
64QAM	1	0	11.25	11.09	11.09	0-2	0	
	1	25	11.20	11.04	11.07		0-3	0
	1	49	11.24	11.04	11.10			0
	25	0	11.34	11.31	11.32	0		
	25	12	11.33	11.35	11.35	0		
	25	25	11.32	11.34	11.37	0		
	50	0	11.32	11.36	11.37	0		
256QAM	1	0	11.04	10.88	11.02	0-5	0	
	1	25	11.07	10.84	10.97		0	
	1	49	11.11	10.81	10.98		0	
	25	0	11.07	11.05	11.02		0	
	25	12	11.10	11.03	11.05		0	
	25	25	11.07	11.04	10.98		0	
	50	0	11.05	11.16	11.01	0		

Table I-70
LTE Band 7 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	11.35	11.33	11.20	0	0	
	1	12	11.38	11.35	11.16		0	
	1	24	11.34	11.33	11.23		0	
	12	0	11.39	11.45	11.44		0	
	12	6	11.36	11.45	11.47		0	
	12	13	11.40	11.45	11.44		0	
16QAM	25	0	11.40	11.43	11.46	0-1	0	
	1	0	11.40	11.13	11.65		0	
	1	12	11.39	11.28	11.65		0	
	1	24	11.41	11.16	11.68		0	
	12	0	11.37	11.43	11.42		0	
	12	6	11.42	11.40	11.42		0	
64QAM	12	13	11.38	11.38	11.45	0-2	0	
	25	0	11.19	11.42	11.34		0	
	1	0	11.42	11.05	11.14		0-2	0
	1	12	11.42	11.17	11.16			0
	1	24	11.43	11.08	11.10			0
	12	0	11.40	11.39	11.44			0
256QAM	12	6	11.44	11.42	11.46	0-3		0
	12	13	11.40	11.39	11.47			0
	25	0	11.19	11.42	11.32		0	
	1	0	11.08	11.05	11.06		0-5	0
	1	12	11.12	11.05	11.03			0
	1	24	11.10	11.11	11.03			0
12	0	11.04	11.00	10.99	0			
12	6	11.06	11.03	11.01	0			
12	13	11.04	10.99	11.00	0			
256QAM	25	0	11.05	11.04	11.05		0	

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Table I-71
LTE Band 7 Measured P_{limit} Antenna 3b - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.23	13.41	13.38	0	0
	1	36	13.31	13.39	13.35		0
	1	74	13.27	13.26	13.25		0
	36	0	13.52	13.50	13.42	0-1	0
	36	18	13.55	13.56	13.42		0
	36	37	13.49	13.43	13.32		0
	75	0	13.45	13.49	13.41		0
16QAM	1	0	13.82	13.49	13.85	0-1	0
	1	36	13.81	13.54	13.87		0
	1	74	13.82	13.38	13.27		0
	36	0	13.52	13.56	13.55	0-2	0
	36	18	13.57	13.61	13.57		0
	36	37	13.54	13.51	13.43		0
	75	0	13.53	13.57	13.49		0
64QAM	1	0	13.06	12.87	13.04	0-2	0
	1	36	13.15	12.98	13.03		0
	1	74	13.13	12.85	12.92		0
	36	0	13.01	13.07	13.11	0-3	0
	36	18	13.04	13.19	13.10		0
	36	37	13.00	13.09	13.05		0
	75	0	12.90	13.09	13.00		0
256QAM	1	0	12.82	12.99	13.27	0-5	0
	1	36	12.85	13.11	13.37		0
	1	74	12.84	13.06	13.34		0
	36	0	12.93	12.98	13.02		0
	36	18	13.04	13.03	13.09		0
	36	37	12.98	13.02	13.05		0
	75	0	12.97	12.97	13.04		0

Table I-72
LTE Band 7 Measured P_{limit} Antenna 3b - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.29	13.27	13.26	0	0
	1	25	13.22	13.28	13.22		0
	1	49	13.29	13.22	13.18		0
	25	0	13.48	13.53	13.39	0-1	0
	25	12	13.52	13.56	13.39		0
	25	25	13.48	13.50	13.34		0
16QAM	50	0	13.49	13.53	13.41	0-1	0
	1	0	13.84	13.26	13.82		0
	1	25	13.84	13.21	13.73		0
	1	49	13.86	13.22	13.79	0-2	0
	25	0	13.67	13.74	13.61		0
	25	12	13.64	13.70	13.61		0
	25	25	13.59	13.73	13.54		0
	50	0	13.56	13.62	13.46		0
64QAM	1	0	13.08	12.83	12.91	0-2	0
	1	25	13.05	12.90	12.94		0
	1	49	13.00	12.91	12.92		0
	25	0	13.05	13.13	12.98	0-3	0
	25	12	13.05	13.21	13.01		0
	25	25	13.03	13.18	13.03		0
	50	0	12.94	13.11	12.88		0
256QAM	1	0	13.13	12.85	13.32	0-5	0
	1	25	13.01	12.90	13.35		0
	1	49	13.04	12.94	13.41		0
	25	0	13.08	12.92	13.00		0
	25	12	13.10	13.02	13.05		0
	25	25	13.06	13.00	13.01		0
	50	0	12.94	12.99	13.06		0

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Table I-73
LTE Band 7 Measured P_{limit} Antenna 3b - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.32	13.33	13.15	0	0
	1	12	13.45	13.40	13.12		0
	1	24	13.33	13.35	13.13		0
	12	0	13.42	13.46	13.37	0-1	0
	12	6	13.48	13.51	13.34		0
	12	13	13.43	13.47	13.35		0
	25	0	13.41	13.47	13.35		0
16QAM	1	0	13.87	13.45	13.43	0-1	0
	1	12	13.86	13.61	13.44		0
	1	24	13.85	13.46	13.36		0
	12	0	13.59	13.67	13.53	0-2	0
	12	6	13.66	13.65	13.48		0
	12	13	13.65	13.64	13.49		0
	25	0	13.65	13.56	13.48		0
64QAM	1	0	13.07	12.89	12.97	0-2	0
	1	12	13.27	12.96	13.02		0
	1	24	13.17	12.87	13.01		0
	12	0	12.96	13.15	12.90	0-3	0
	12	6	12.99	13.13	12.92		0
	12	13	12.95	13.12	12.90		0
	25	0	12.88	13.09	12.90		0
256QAM	1	0	13.28	13.31	13.22	0-5	0
	1	12	13.36	13.38	13.30		0
	1	24	13.33	13.39	13.21		0
	12	0	12.95	12.95	12.90		0
	12	6	12.98	12.93	12.97		0
	12	13	12.90	12.93	12.95		0
	25	0	12.98	12.94	12.98		0

Table I-74
LTE Band 7 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.79	11.65	11.62	0	0
	1	36	11.81	11.68	11.69		0
	1	74	11.69	11.63	11.61		0
	36	0	11.82	11.80	11.83	0-1	0
	36	18	11.88	11.85	11.85		0
	36	37	11.73	11.75	11.77		0
	75	0	11.75	11.80	11.80		0
16QAM	1	0	11.35	11.15	11.45	0-1	0
	1	36	11.55	11.29	11.59		0
	1	74	11.43	11.27	11.50		0
	36	0	11.30	11.18	11.33	0-2	0
	36	18	11.28	11.28	11.35		0
	36	37	11.26	11.26	11.33		0
	75	0	11.20	11.26	11.29		0
64QAM	1	0	11.05	10.90	11.09	0-2	0
	1	36	11.11	11.07	11.24		0
	1	74	10.97	10.88	11.03		0
	36	0	11.30	11.30	11.41	0-3	0
	36	18	11.36	11.40	11.46		0
	36	37	11.33	11.35	11.43		0
	75	0	11.28	11.24	11.36		0
256QAM	1	0	11.33	11.28	11.23	0-5	0
	1	36	11.41	11.50	11.30		0
	1	74	11.31	11.36	11.22		0
	36	0	11.26	11.27	11.28		0
	36	18	11.30	11.31	11.33		0
	36	37	11.27	11.30	11.31		0
	75	0	11.25	11.28	11.32		0

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Table I-75
LTE Band 7 Measured P_{limit} Antenna 4 - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.54	11.57	11.60	0	0
	1	25	11.57	11.54	11.58		0
	1	49	11.55	11.57	11.60		0
	25	0	11.84	11.78	11.80	0-1	0
	25	12	11.85	11.78	11.78		0
	25	25	11.77	11.69	11.72		0
16QAM	50	0	11.83	11.78	11.80	0	
	1	0	11.39	11.41	11.51	0-1	0
	1	25	11.41	11.48	11.54		0
	1	49	11.48	11.47	11.45		0
	25	0	11.28	11.35	11.42	0-2	0
	25	12	11.31	11.37	11.43		0
25	25	11.33	11.34	11.40	0		
64QAM	50	0	11.21	11.28	11.32	0	
	1	0	11.25	11.43	11.39	0-2	0
	1	25	11.31	11.42	11.44		0
	1	49	11.28	11.31	11.20		0
	25	0	11.32	11.37	11.42	0-3	0
	25	12	11.33	11.39	11.41		0
25	25	11.34	11.35	11.37	0		
256QAM	50	0	11.25	11.29	11.33	0	
	1	0	11.23	11.32	11.36	0-5	0
	1	25	11.13	11.23	11.23		0
	1	49	11.19	11.12	11.20		0
	25	0	11.23	11.30	11.34	0-5	0
	25	12	11.28	11.31	11.32		0
25	25	11.21	11.25	11.31	0		
	50	0	11.24	11.24	11.29	0	

Table I-76
LTE Band 7 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	11.68	11.63	11.53	0	0	
	1	12	11.67	11.68	11.56		0	
	1	24	11.61	11.63	11.52		0	
	12	0	11.79	11.71	11.73	0-1	0	
	12	6	11.82	11.74	11.77		0	
	12	13	11.77	11.71	11.75		0	
16QAM	25	0	11.75	11.72	11.76	0-1	0	
	1	0	11.39	11.28	11.31		0	
	1	12	11.54	11.32	11.32		0	
	1	24	11.45	11.29	11.27	0-2	0	
	12	0	11.33	11.21	11.26		0	
	12	6	11.35	11.22	11.22		0	
64QAM	12	13	11.34	11.23	11.25	0-2	0	
	25	0	11.12	11.25	11.21		0	
	1	0	11.19	11.23	11.29		0-2	0
	1	12	11.24	11.34	11.34	0		
	1	24	11.25	11.27	11.20	0		
	12	0	11.15	11.20	11.24	0-3	0	
256QAM	12	6	11.19	11.26	11.26		0	
	12	13	11.17	11.23	11.22		0	
	25	0	11.18	11.22	11.26	0-3	0	
	1	0	11.27	11.35	11.36		0-5	0
	1	12	11.30	11.36	11.38			0
	1	24	11.28	11.28	11.25	0		
12	0	11.14	11.25	11.24	0-5	0		
12	6	11.16	11.24	11.25		0		
12	13	11.17	11.23	11.22		0		
	25	0	11.18	11.21	11.23		0	

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LTE Band 30

Table I-77
LTE Band 30 Measured P_{limit} Antenna 1b - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	11.51	0	0
	1	12	11.59		0
	1	24	11.58		0
	12	0	11.66	0-1	0
	12	6	11.73		0
	12	13	11.68		0
	25	0	11.67		0
16QAM	1	0	11.62	0-1	0
	1	12	11.70		0
	1	24	11.68		0
	12	0	11.77	0-2	0
	12	6	11.81		0
	12	13	11.79		0
	25	0	11.68		0
64QAM	1	0	11.79	0-2	0
	1	12	11.75		0
	1	24	11.72		0
	12	0	11.56	0-3	0
	12	6	11.60		0
	12	13	11.59		0
	25	0	11.47		0
256QAM	1	0	11.67	0-5	0
	1	12	11.76		0
	1	24	11.77		0
	12	0	11.47		0
	12	6	11.51		0
	12	13	11.50		0
	25	0	11.54		0

Note: LTE Band 30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-78
LTE Band 30 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	12.75	0	0
	1	12	12.52		0
	1	24	12.59		0
	12	0	12.67	0-1	0
	12	6	12.77		0
	12	13	12.80		0
	25	0	12.71		0
16QAM	1	0	12.72	0-1	0
	1	12	12.84		0
	1	24	12.69		0
	12	0	12.71	0-2	0
	12	6	12.60		0
	12	13	12.72		0
	25	0	12.55		0
64QAM	1	0	12.75	0-2	0
	1	12	12.71		0
	1	24	12.69		0
	12	0	12.67	0-3	0
	12	6	12.62		0
	12	13	12.68		0
	25	0	12.55		0
256QAM	1	0	12.60	0-5	0
	1	12	12.59		0
	1	24	12.61		0
	12	0	12.51		0
	12	6	12.58		0
	12	13	12.39		0
	25	0	12.44		0

Note: LTE Band 30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-79
LTE Band 30 Measured P_{limit} Antenna 3b - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	13.09	0	0
	1	12	13.14		0
	1	24	13.15		0
	12	0	13.28	0-1	0
	12	6	13.37		0
	12	13	13.33		0
	25	0	13.36		0
16QAM	1	0	13.40	0-1	0
	1	12	13.37		0
	1	24	13.38		0
	12	0	13.41	0-2	0
	12	6	13.43		0
	12	13	13.44		0
	25	0	13.39		0
64QAM	1	0	13.25	0-2	0
	1	12	13.43		0
	1	24	13.40		0
	12	0	13.28	0-3	0
	12	6	13.31		0
	12	13	13.28		0
	25	0	13.25		0
256QAM	1	0	12.71	0-5	0
	1	12	12.81		0
	1	24	12.82		0
	12	0	12.78		0
	12	6	12.83		0
	12	13	12.89		0
	25	0	12.71		0

Note: LTE Band 30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-80
LTE Band 30 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	13.05	0	0
	1	12	13.03		0
	1	24	13.15		0
	12	0	13.18	0-1	0
	12	6	13.23		0
	12	13	13.21		0
	25	0	13.18		0
16QAM	1	0	13.29	0-1	0
	1	12	13.34		0
	1	24	13.32		0
	12	0	13.25	0-2	0
	12	6	13.28		0
	12	13	13.2		0
	25	0	13.27		0
64QAM	1	0	13.46	0-2	0
	1	12	13.48		0
	1	24	13.56		0
	12	0	13.03	0-3	0
	12	6	13.07		0
	12	13	13.06		0
	25	0	13.11		0
256QAM	1	0	13.02	0-5	0
	1	12	13.19		0
	1	24	13.16		0
	12	0	13.13		0
	12	6	13.24		0
	12	13	13.16		0
	25	0	13.06		0

Note: LTE Band 30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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I.1.11

LTE Band 41

Table I-81
LTE Band 41 Measured P_{limit} Antenna 1b - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	13.20	13.37	13.28	13.18	12.94	0	0
	1	36	13.21	13.31	13.18	13.16	12.96		0
	1	74	13.14	13.30	13.18	13.15	12.92		0
	36	0	13.43	13.39	13.40	13.32	13.16		0
	36	18	13.40	13.40	13.40	13.31	13.21	0-1	0
	36	37	13.38	13.35	13.31	13.17	13.12		0
	75	0	13.37	13.34	13.36	13.26	13.14		0
	1	0	13.28	13.11	13.21	13.07	12.99		0
16QAM	1	36	13.26	13.11	13.32	13.06	13.05	0-1	0
	1	74	13.27	13.09	13.29	12.95	13.06		0
	36	0	13.39	13.49	13.38	13.34	13.17		0
	36	18	13.41	13.47	13.38	13.32	13.15		0
	36	37	13.39	13.41	13.26	13.17	13.11	0-2	0
	75	0	13.43	13.32	13.41	13.30	13.29		0
	1	0	13.19	13.02	13.32	13.05	13.10		0
	1	36	13.13	12.98	13.37	12.99	13.14		0-2
1	74	13.00	12.94	13.34	12.95	13.10	0		
36	0	13.13	13.09	13.21	12.99	12.98	0		
36	18	13.04	13.09	13.26	13.03	12.98	0-3	0	
36	37	13.02	12.94	13.14	12.91	12.90		0	
75	0	13.03	13.04	13.21	13.06	12.95		0	
1	0	13.16	13.45	13.20	12.92	13.08		0	
256QAM	1	36	13.12	13.46	13.23	12.90	13.09	0-5	0
	1	74	13.07	13.36	13.20	12.89	13.11		0
	36	0	13.22	13.23	13.17	13.18	13.03		0
	36	18	13.20	13.20	13.21	13.19	13.05		0
	36	37	13.10	13.14	13.12	13.07	12.96	0	
	75	0	13.19	13.14	13.21	13.18	13.04	0	

Table I-82
LTE Band 41 Measured P_{limit} Antenna 1b - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	13.53	13.42	13.46	13.28	13.20	0	0
	1	25	13.47	13.47	13.29	13.23	0		
	1	49	13.49	13.41	13.40	13.22	0		
	25	0	13.45	13.41	13.41	13.33	13.19		0
	25	12	13.45	13.44	13.45	13.35	13.20	0-1	0
	25	25	13.42	13.41	13.40	13.20	13.18		0
	50	0	13.44	13.39	13.41	13.33	13.18		0
	1	0	13.60	13.05	13.55	13.22	13.50		0
16QAM	1	25	13.54	13.06	13.45	13.20	13.45	0-1	0
	1	49	13.58	13.06	13.43	13.18	13.41		0
	25	0	13.40	13.23	13.39	13.23	13.23		0
	25	12	13.41	13.24	13.41	13.25	13.23		0
	25	25	13.37	13.18	13.39	13.14	13.21	0-2	0
	50	0	13.29	13.29	13.36	13.25	13.19		0
	1	0	13.18	13.44	13.32	13.22	13.00		0
	1	25	13.10	13.37	13.29	13.21	13.05		0-2
1	49	12.99	13.28	13.26	13.06	13.00	0		
25	0	13.07	13.08	13.15	13.05	12.93	0		
25	12	13.04	13.11	13.17	13.04	12.89	0-3	0	
25	25	13.04	13.01	13.04	12.96	12.82		0	
50	0	13.01	13.09	13.20	13.09	12.94		0	
1	0	13.18	13.02	13.16	13.19	12.99		0-5	0
1	25	13.18	12.99	13.12	13.25	12.98	0		
1	49	13.05	12.95	13.07	13.08	12.94	0		
25	0	13.29	13.28	13.28	13.13	13.12	0		
25	12	13.30	13.22	13.32	13.21	13.14	0		
25	25	13.14	13.17	13.19	13.04	13.02	0		
50	0	13.26	13.21	13.29	13.22	13.13	0		

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Table I-83
LTE Band 41 Measured P_{limit} Antenna 1b - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
Conducted Power [dBm]									
QPSK	1	0	13.50	13.41	13.42	13.20	13.18	0	0
	1	12	13.44	13.39	13.48	13.20	13.18		0
	1	24	13.47	13.33	13.46	13.15	13.18		0
	12	0	13.43	13.41	13.39	13.34	13.19		0
	12	6	13.45	13.45	13.44	13.38	13.19	0-1	0
	12	13	13.42	13.39	13.39	13.22	13.18		0
	25	0	13.43	13.40	13.41	13.34	13.20		0
	1	0	13.37	13.33	13.46	12.85	13.24		0
16QAM	1	12	13.58	13.35	13.50	12.90	13.20	0-1	0
	1	24	13.46	13.35	13.42	12.81	13.44		0
	12	0	13.35	13.32	13.38	13.25	13.19		0
	12	6	13.35	13.36	13.38	13.27	13.18		0-2
	12	13	13.36	13.32	13.38	13.14	13.17	0	
	25	0	13.33	13.39	13.37	13.27	13.18	0	
	1	0	13.30	13.08	13.39	13.09	12.93	0-2	
	1	12	13.28	12.93	13.33	13.17	13.08		0
1	24	13.22	12.80	13.29	12.97	13.06	0		
12	0	13.18	12.96	13.24	13.14	13.02	0-3		0
12	6	13.13	13.02	13.29	13.16	13.08		0	
12	13	13.10	12.99	13.19	13.07	12.97		0	
25	0	12.92	13.09	13.19	13.04	12.93		0	
256QAM	1	0	13.40	13.07	13.43	13.22	13.49	0	0
	1	12	13.40	13.06	13.43	13.16	13.37		0
	1	24	13.37	13.02	13.32	13.12	13.44		0
	12	0	13.15	13.26	13.15	13.16	12.96		0-5
	12	6	13.15	13.23	13.16	13.13	13.04	0	
	12	13	13.13	13.17	13.17	13.03	13.02	0	
	25	0	13.22	13.17	13.26	13.16	13.07	0	

Table I-84
LTE Band 41 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.12	13.17	13.02	12.91	12.88	0	0
	1	36	13.11	13.19	13.06	12.93	12.90		0
	1	74	13.00	13.16	12.98	12.93	12.89		0
	36	0	13.31	13.25	13.20	13.04	13.14		0
	36	18	13.32	13.20	13.21	13.04	13.13	0-1	0
	36	37	13.21	13.16	13.16	13.04	13.10		0
	75	0	13.27	13.13	13.16	13.04	13.09		0
	1	0	12.76	13.23	13.01	12.95	12.81		0
16QAM	1	36	12.86	13.24	12.98	13.02	12.78	0-1	0
	1	74	12.72	13.26	12.89	13.02	12.79		0
	36	0	13.32	13.27	13.22	13.11	13.12		0
	36	18	13.34	13.20	13.25	13.13	13.16		0
	36	37	13.23	13.19	13.21	13.08	13.11	0-2	0
	75	0	13.28	13.14	13.16	13.05	13.09		0
	1	0	13.39	13.18	13.46	13.16	13.36		0
	1	36	13.35	13.21	13.52	13.24	13.42		0-2
1	74	13.21	13.22	13.44	13.20	13.36	0		
36	0	13.33	13.26	13.34	13.11	13.26	0		
36	18	13.35	13.18	13.35	13.15	13.29	0-3	0	
36	37	13.23	13.18	13.24	13.08	13.22		0	
75	0	13.31	13.15	13.27	13.18	13.23		0	
1	0	13.21	13.15	13.31	13.19	13.36		0	
256QAM	1	36	13.19	13.19	13.26	13.17	13.39	0-5	0
	1	74	13.16	13.22	13.21	13.22	13.35		0
	36	0	13.22	13.17	13.23	13.15	13.37		0
	36	18	13.19	13.18	13.26	13.16	13.36		0
	36	37	13.13	13.15	13.17	13.15	13.30	0	
	75	0	13.14	13.16	13.25	13.16	13.32	0	

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Table I-85
LTE Band 41 Measured P_{limit} Antenna 2 - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.36	13.29	13.33	12.98	13.16	0	0
	1	25	13.37	13.29	13.23	13.03	13.16		0
	1	49	13.35	13.22	13.25	13.04	13.12		0
	25	0	13.28	13.25	13.25	13.06	13.11	0-1	0
	25	12	13.31	13.20	13.23	13.13	13.16		0
	25	25	13.25	13.16	13.21	13.08	13.10		0
	50	0	13.33	13.17	13.23	13.08	13.13	0	
16QAM	1	0	13.16	13.40	13.06	13.18	12.98	0-1	0
	1	25	13.14	13.35	13.07	13.18	12.96		0
	1	49	13.15	13.36	13.02	13.17	12.93		0
	25	0	13.35	13.33	13.28	13.17	13.21	0-2	0
	25	12	13.38	13.26	13.28	13.20	13.27		0
	25	25	13.29	13.24	13.26	13.13	13.20		0
	50	0	13.31	13.27	13.30	13.09	13.16	0	
64QAM	1	0	13.37	13.41	13.46	13.32	13.35	0-2	0
	1	25	13.30	13.39	13.44	13.30	13.45		0
	1	49	13.28	13.36	13.40	13.23	13.35		0
	25	0	13.23	13.34	13.24	13.16	13.15	0-3	0
	25	12	13.29	13.26	13.29	13.14	13.21		0
	25	25	13.22	13.27	13.16	13.10	13.13		0
	50	0	13.27	13.25	13.25	13.21	13.22	0	
256QAM	1	0	13.21	12.90	13.22	13.33	12.85	0-5	0
	1	25	13.14	12.68	13.13	13.29	12.94		0
	1	49	13.12	12.69	13.05	13.22	12.83		0
	25	0	13.29	13.20	13.30	13.13	13.19		0
	25	12	13.32	13.19	13.30	13.22	13.26		0
	25	25	13.25	13.17	13.24	13.07	13.12		0
	50	0	13.30	13.21	13.33	13.20	13.26	0	

Table I-86
LTE Band 41 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.29	13.28	13.30	13.17	13.29	0	0
	1	12	13.29	13.31	13.32	13.19	13.24		0
	1	24	13.25	13.29	13.31	13.16	13.27		0
	12	0	13.34	13.27	13.30	13.21	13.23	0-1	0
	12	6	13.33	13.26	13.32	13.22	13.24		0
	12	13	13.28	13.29	13.30	13.18	13.27		0
	25	0	13.34	13.24	13.31	13.21	13.26	0	
16QAM	1	0	13.37	13.28	13.31	13.19	13.25	0-1	0
	1	12	13.31	13.28	13.32	13.23	13.26		0
	1	24	13.41	13.24	13.31	13.19	13.25		0
	12	0	13.34	13.27	13.30	13.18	13.23	0-2	0
	12	6	13.30	13.27	13.32	13.20	13.27		0
	12	13	13.32	13.28	13.31	13.21	13.25		0
	25	0	13.24	13.28	13.31	13.20	13.26	0	
64QAM	1	0	13.11	13.24	13.32	13.21	13.28	0-2	0
	1	12	13.00	13.29	13.30	13.21	13.26		0
	1	24	12.99	13.29	13.31	13.19	13.26		0
	12	0	13.22	13.27	13.30	13.19	13.26	0-3	0
	12	6	13.24	13.26	13.31	13.23	13.27		0
	12	13	13.17	13.29	13.32	13.20	13.25		0
	25	0	13.25	13.27	13.33	13.20	13.26	0	
256QAM	1	0	12.98	13.27	12.92	13.55	13.22	0-5	0
	1	12	12.86	13.25	12.85	13.48	13.17		0
	1	24	12.82	13.21	12.88	13.43	13.09		0
	12	0	13.25	13.08	13.32	13.05	13.14	0	0
	12	6	13.34	13.11	13.37	13.08	13.10		0
	12	13	13.24	13.06	13.34	13.03	13.14		0
	25	0	13.31	13.13	13.28	13.17	13.17	0	

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Table I-87
LTE Band 41 Measured P_{limit} Antenna 3b - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	14.27	14.10	14.09	14.04	14.11	0	0
	1	36	14.35	14.06	14.18	14.04	14.13		0
	1	74	14.29	14.07	14.22	14.07	14.23		0
	36	0	14.42	14.21	14.21	14.29	14.23	0-1	0
	36	18	14.40	14.20	14.23	14.23	14.23		0
	36	37	14.40	14.18	14.24	14.18	14.20		0
	75	0	14.40	14.17	14.42	14.21	14.18		0
16QAM	1	0	13.82	14.07	14.17	14.16	13.80	0-1	0
	1	36	13.94	14.09	13.81	14.12	13.80		0
	1	74	13.80	14.11	14.02	14.17	13.90		0
	36	0	14.28	14.07	14.13	14.24	14.23	0-2	0
	36	18	14.38	14.15	14.26	14.19	14.31		0
	36	37	14.32	14.07	14.26	14.20	14.23		0
	75	0	14.30	14.03	14.11	14.18	14.22		0
64QAM	1	0	14.00	14.07	13.80	14.01	13.80	0-2	0
	1	36	14.09	14.03	13.86	14.00	13.86		0
	1	74	13.97	13.99	13.88	14.01	13.89		0
	36	0	14.25	14.10	14.04	14.12	14.03	0-3	0
	36	18	14.25	14.06	14.02	14.16	14.08		0
	36	37	14.22	14.01	14.07	14.09	14.06		0
	75	0	14.19	14.04	14.00	14.10	14.03		0
256QAM	1	0	14.22	14.05	13.87	14.16	14.00	0-5	0
	1	36	14.19	14.11	14.05	14.19	14.18		0
	1	74	14.18	14.04	14.01	14.00	14.08		0
	36	0	14.01	13.84	13.92	14.05	14.04		0
	36	18	14.13	13.84	13.98	14.07	14.09		0
	36	37	14.14	13.89	14.03	14.02	14.09		0
	75	0	14.18	14.00	13.94	14.07	14.08		0

Table I-88
LTE Band 41 Measured P_{limit} Antenna 3b - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	14.37	14.25	14.27	14.15	14.22	0	0
	1	25	14.36	14.22	14.31	14.17	14.21		0
	1	49	14.38	14.21	14.33	14.14	14.21		0
	25	0	14.42	14.21	14.24	14.25	14.17	0-1	0
	25	12	14.41	14.24	14.29	14.22	14.25		0
	25	25	14.00	14.21	14.23	14.21	14.17		0
	50	0	14.37	14.20	14.29	14.24	14.20		0
16QAM	1	0	14.34	14.39	14.20	14.41	14.16	0-1	0
	1	25	14.33	14.30	14.17	14.38	14.22		0
	1	49	14.42	14.29	14.24	14.39	14.27		0
	25	0	14.41	14.30	14.30	14.42	14.40	0-2	0
	25	12	14.42	14.31	14.38	14.40	14.42		0
	25	25	14.41	14.27	14.38	14.37	14.40		0
	50	0	14.40	14.26	14.36	14.37	14.38		0
64QAM	1	0	14.26	14.11	14.06	14.05	14.08	0-2	0
	1	25	14.29	14.04	14.07	14.05	14.08		0
	1	49	14.26	14.02	14.15	14.05	14.12		0
	25	0	14.22	14.08	14.02	14.18	14.04		0
	25	12	14.30	14.09	14.07	14.15	14.03	0-3	0
	25	25	14.24	14.03	14.09	14.10	14.03		0
	50	0	14.23	14.05	14.02	14.15	14.06		0
256QAM	1	0	13.97	13.86	14.19	14.15	13.91	0-5	0
	1	25	14.00	13.80	14.25	14.18	13.93		0
	1	49	14.03	13.80	14.14	14.02	13.92		0
	25	0	14.20	13.99	14.00	14.03	14.05		0
	25	12	14.18	14.04	14.11	14.07	14.09		0
	25	25	14.16	13.96	14.08	13.97	14.14		0
	50	0	14.20	14.00	14.08	14.08	14.10		0

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Table I-89
LTE Band 41 Measured P_{limit} Antenna 3b - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	14.42	14.11	14.25	14.08	14.14	0	0
	1	12	14.41	14.18	14.30	14.09	14.18		0
	1	24	14.38	14.08	14.25	14.06	14.21		0
	12	0	14.42	14.18	14.25	14.21	14.14	0-1	0
	12	6	14.41	14.23	14.32	14.25	14.20		0
	12	13	14.42	14.19	14.27	14.20	14.17		0
	25	0	14.39	14.19	14.26	14.23	14.17		0
16QAM	1	0	14.40	14.30	14.29	14.40	14.31	0-1	0
	1	12	14.41	14.41	14.37	14.42	14.27		0
	1	24	14.38	14.41	14.31	14.41	14.19		0
	12	0	14.41	14.27	14.39	14.40	14.35	0-2	0
	12	6	14.39	14.31	14.38	14.42	14.42		0
	12	13	14.38	14.27	14.37	14.40	14.40		0
	25	0	14.39	14.24	14.35	14.33	14.33		0
64QAM	1	0	14.14	14.08	13.93	14.24	13.99	0-2	0
	1	12	14.12	14.13	14.00	14.22	14.05		0
	1	24	14.18	14.08	14.00	14.22	14.03		0
	12	0	14.18	14.02	14.11	14.11	14.05	0-3	0
	12	6	14.18	13.98	14.12	14.11	14.11		0
	12	13	14.16	13.98	14.09	14.06	14.10		0
	25	0	14.11	13.94	14.04	14.05	14.04		0
256QAM	1	0	14.40	13.81	14.38	14.06	14.38	0-5	0
	1	12	14.42	13.80	14.32	14.02	14.34		0
	1	24	14.39	13.80	14.38	14.04	14.30		0
	12	0	14.01	13.97	13.96	14.02	13.89		0
	12	6	14.03	13.98	14.01	14.00	13.91		0
	12	13	14.01	13.96	13.99	13.94	13.91		0
	25	0	14.12	13.93	14.00	14.02	13.98		0

Table I-90
LTE Band 41 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.87	13.73	13.79	13.38	13.77	0	0
	1	36	13.92	13.70	13.80	13.47	13.79		0
	1	74	13.81	13.75	13.83	13.47	13.84		0
	36	0	13.89	13.71	13.77	13.58	13.78	0-1	0
	36	18	13.89	13.64	13.78	13.57	13.78		0
	36	37	13.79	13.60	13.74	13.48	13.72		0
	75	0	13.85	13.58	13.77	13.58	13.75		0
16QAM	1	0	13.34	13.60	13.51	13.47	13.51	0-1	0
	1	36	13.38	13.64	13.52	13.46	13.53		0
	1	74	13.29	13.68	13.61	13.54	13.57		0
	36	0	13.41	13.30	13.37	13.23	13.29	0-2	0
	36	18	13.45	13.23	13.35	13.23	13.33		0
	36	37	13.39	13.19	13.27	13.12	13.24		0
	75	0	13.42	13.12	13.34	13.14	13.29		0
64QAM	1	0	13.84	13.40	13.97	13.71	13.82	0-2	0
	1	36	13.96	13.45	13.20	13.78	13.89		0
	1	74	13.86	13.49	13.00	13.76	13.93		0
	36	0	13.34	13.21	13.47	13.14	13.26	0-3	0
	36	18	13.31	13.22	13.50	13.15	13.30		0
	36	37	13.30	13.16	13.44	13.03	13.20		0
	75	0	13.32	13.19	13.34	13.14	13.30		0
256QAM	1	0	13.44	13.87	13.50	13.30	13.45	0-5	0
	1	36	13.50	13.89	13.60	13.30	13.48		0
	1	74	13.52	13.91	13.62	13.37	13.46		0
	36	0	13.29	13.26	13.44	13.09	13.29		0
	36	18	13.29	13.24	13.45	13.08	13.35		0
	36	37	13.26	13.20	13.32	13.03	13.27		0
	75	0	13.26	13.18	13.38	13.12	13.35		0

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Table I-91
LTE Band 41 Measured P_{limit} Antenna 4 - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.83	13.61	13.86	13.62	13.78	0	0
	1	25	13.78	13.70	13.75	13.58	13.75		0
	1	49	13.79	13.68	13.80	13.60	13.64		0
	25	0	13.91	13.70	13.90	13.62	13.79	0-1	0
	25	12	13.89	13.64	13.87	13.66	13.80		0
	25	25	13.80	13.58	13.78	13.51	13.71		0
16QAM	50	0	13.92	13.65	13.88	13.60	13.80	0-1	0
	1	0	14.00	13.92	13.93	13.87	13.90		0
	1	25	14.02	13.70	13.90	13.61	13.94		0
	1	49	14.07	13.90	13.86	13.77	13.92	0-2	0
	25	0	13.52	13.32	13.45	13.27	13.37		0
	25	12	13.53	13.28	13.53	13.27	13.42		0
64QAM	25	25	13.44	13.28	13.40	13.17	13.34	0-2	0
	50	0	13.45	13.21	13.45	13.21	13.32		0
	1	0	14.00	13.96	13.47	13.83	13.76		0-2
	1	25	13.96	13.84	13.56	13.74	13.69	0	
	1	49	14.10	13.95	13.41	13.77	13.71	0	
	25	0	13.35	13.21	13.49	13.17	13.20	0-3	0
25	12	13.33	13.32	13.50	13.20	13.21	0		
25	25	13.27	13.22	13.43	13.06	13.16	0		
256QAM	50	0	13.32	13.27	13.44	13.16	13.23	0-5	0
	1	0	13.51	13.51	13.77	13.44	13.59		0
	1	25	13.55	13.53	13.88	13.39	13.56		0
	1	49	13.56	13.50	13.74	13.36	13.53	0-5	0
	25	0	13.28	13.18	13.50	13.15	13.29		0
	25	12	13.37	13.20	13.50	13.15	13.30		0
	25	25	13.29	13.25	13.47	13.01	13.27	0-5	0
	50	0	13.38	13.26	13.46	13.13	13.29		0

Table I-92
LTE Band 41 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	13.83	13.59	13.77	13.45	13.77	0	0
	1	12	13.76	13.54	13.70	13.39	13.60		0
	1	24	13.80	13.50	13.80	13.38	13.71		0
	12	0	13.84	13.67	13.86	13.55	13.75	0-1	0
	12	6	13.89	13.65	13.91	13.59	13.78		0
	12	13	13.80	13.59	13.86	13.61	13.73		0
16QAM	25	0	13.86	13.61	13.85	13.57	13.76	0	0
	1	0	13.87	13.20	13.96	13.80	13.40	0-1	0
	1	12	13.87	13.93	14.01	13.79	14.06		0
	1	24	13.85	13.90	13.93	13.84	13.97		0
	12	0	13.42	13.31	13.44	13.27	13.36	0-2	0
	12	6	13.44	13.29	13.42	13.30	13.40		0
12	13	13.35	13.26	13.40	13.24	13.41	0		
64QAM	25	0	13.40	13.19	13.39	13.19	13.32	0	0
	1	0	13.72	13.17	13.30	13.60	13.25	0-2	0
	1	12	13.74	13.69	13.36	13.58	14.02		0
	1	24	13.79	13.66	13.39	13.53	13.91		0
	12	0	13.25	13.17	13.59	13.04	13.31	0-3	0
	12	6	13.25	13.19	13.57	13.10	13.36		0
12	13	13.24	13.17	13.54	13.00	13.31	0		
256QAM	25	0	13.26	13.14	13.52	13.10	13.23	0	0
	1	0	13.42	13.23	13.94	13.38	13.45	0-5	0
	1	12	13.55	13.43	13.96	13.29	13.67		0
	1	24	13.57	13.48	13.87	13.28	13.58		0
	12	0	13.32	13.35	13.43	13.18	13.29	0	0
	12	6	13.36	13.30	13.44	13.20	13.30	0	0
256QAM	12	13	13.34	13.22	13.36	13.12	13.27	0	0
	25	0	13.26	13.21	13.49	13.11	13.28	0	0

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I.1.12

LTE Band 48

Table I-93

LTE Band 48 Measured P_{limit} Antenna 1a - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	10.88	10.95	11.06	10.89	0	0
	1	36	10.93	10.99	11.04	10.89		0
	1	74	10.94	11.04	11.01	10.88		0
	36	0	11.01	10.97	11.22	11.04	0-1	0
	36	18	11.09	11.06	11.23	11.06		0
	36	37	11.06	11.09	11.14	11.02		0
16QAM	75	0	11.04	11.03	11.18	11.00	0-1	0
	1	0	10.85	11.01	11.15	10.72		0
	1	36	10.86	11.05	11.16	10.64		0
	1	74	10.83	11.09	11.13	10.67	0-2	0
	36	0	10.97	11.00	11.25	11.05		0
	36	18	11.06	11.11	11.22	11.07		0
64QAM	36	37	11.03	11.08	11.19	11.02	0-3	0
	75	0	11.00	11.05	11.16	11.01		0
	1	0	10.68	10.99	11.15	10.56		0
	1	36	10.62	11.06	11.18	10.58	0-2	0
	1	74	10.65	11.09	11.14	10.57		0
	36	0	10.96	10.99	11.26	11.05		0
256QAM	36	18	11.08	11.11	11.24	11.09	0-5	0
	36	37	11.05	11.10	11.19	11.03		0
	75	0	11.00	11.01	11.19	11.02		0
	1	0	11.32	11.08	10.84	11.43	0-5	0
	1	36	11.34	11.18	10.81	11.48		0
	1	74	11.41	11.17	10.77	11.42		0
	36	0	10.94	11.02	11.12	11.09	0-5	0
	36	18	11.02	11.14	11.10	11.12		0
	36	37	11.04	11.12	11.13	11.13		0
	75	0	11.00	11.13	11.10	11.07		0

Table I-94

LTE Band 48 Measured P_{limit} Antenna 1a - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	11.15	11.10	11.19	11.03	0	0
	1	25	11.08	11.01	11.09	11.00		0
	1	49	11.14	11.10	11.10	11.05		0
	25	0	11.00	10.98	11.23	11.02	0-1	0
	25	12	11.14	11.11	11.22	11.06		0
	25	25	11.07	11.07	11.20	11.02		0
16QAM	50	0	11.10	11.08	11.20	11.00	0-1	0
	1	0	10.97	11.07	11.28	10.98		0
	1	25	10.86	11.07	11.17	10.84		0
	1	49	10.97	11.13	11.17	10.89	0-2	0
	25	0	11.06	11.05	11.25	11.07		0
	25	12	11.12	11.11	11.23	11.13		0
64QAM	25	25	11.10	11.11	11.21	11.08	0-2	0
	50	0	11.07	11.10	11.19	11.05		0
	1	0	11.08	11.04	11.12	11.10		0
	1	25	11.02	10.99	11.04	11.00	0-3	0
	1	49	11.09	11.08	11.07	11.03		0
	25	0	11.01	11.01	11.20	11.02		0
256QAM	25	12	11.10	11.12	11.20	11.07	0-3	0
	25	25	11.05	11.12	11.19	11.04		0
	50	0	11.06	11.05	11.21	11.01		0
	1	0	10.93	11.19	10.85	11.00	0-5	0
	1	25	10.92	11.20	10.82	10.94		0
	1	49	10.95	11.28	10.81	10.97		0
25	0	10.99	11.06	11.09	11.05	0		
25	12	11.00	11.13	11.12	11.15	0		
	25	25	10.98	11.12	11.16	11.08		0
	50	0	11.00	11.14	11.15	11.06		0

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Table I-95
LTE Band 48 Measured P_{limit} Antenna 1a - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	11.17	11.01	11.19	11.03	0	0
	1	12	11.08	10.99	11.04	11.00		0
	1	24	11.16	10.97	11.00	11.10		0
	12	0	11.12	11.03	11.16	11.02		0
	12	6	11.08	11.02	11.16	10.99	0-1	0
	12	13	11.11	11.05	11.12	11.00		0
	25	0	11.11	11.02	11.17	11.02		0
16QAM	1	0	10.99	11.03	11.15	11.00	0-1	0
	1	12	11.02	11.09	11.32	10.96		0
	1	24	11.11	11.21	11.39	11.03		0
	12	0	11.14	11.06	11.20	11.07		0
	12	6	11.12	11.02	11.17	11.04	0-2	0
	12	13	11.14	11.06	11.18	11.06		0
	25	0	11.05	10.99	11.15	10.99		0
64QAM	1	0	11.00	11.03	11.15	10.98	0-2	0
	1	12	11.06	11.15	11.28	10.92		0
	1	24	11.09	11.22	11.34	11.00		0
	12	0	11.08	11.09	11.19	11.05		0
	12	6	11.12	10.99	11.15	11.01	0-3	0
	12	13	11.13	11.07	11.19	11.04		0
	25	0	11.03	11.01	11.14	10.98		0
256QAM	1	0	11.30	11.15	10.88	11.49	0-5	0
	1	12	11.25	11.07	10.83	11.39		0
	1	24	11.39	11.19	10.78	11.49		0
	12	0	10.85	11.05	11.01	11.01		0
	12	6	10.93	11.02	11.04	10.97		0
	12	13	10.87	11.06	11.08	10.99		0
	25	0	10.94	11.10	11.01	11.06		0

Table I-96
LTE Band 48 Measured P_{limit} Antenna 2 - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	11.93	12.01	12.05	12.06	0	0
	1	36	11.98	12.03	12.05	12.06		0
	1	74	11.99	12.10	12.05	12.08		0
	36	0	12.06	12.13	12.16	12.14		0
	36	18	12.14	12.14	12.13	12.13	0-1	0
	36	37	12.09	12.13	12.17	12.21		0
	75	0	12.08	12.08	12.08	12.11		0
16QAM	1	0	11.72	12.08	12.16	11.72	0-1	0
	1	36	11.68	12.11	12.14	11.74		0
	1	74	11.65	12.13	12.17	11.79		0
	36	0	12.09	12.13	12.22	12.12		0
	36	18	12.15	12.14	12.19	12.18	0-2	0
	36	37	12.12	12.16	12.23	12.21		0
	75	0	12.11	12.10	12.13	12.08		0
64QAM	1	0	11.97	11.98	12.02	12.08	0-2	0
	1	36	11.98	12.06	12.05	12.04		0
	1	74	11.96	12.08	12.04	12.04		0
	36	0	12.06	12.12	12.14	12.15		0-3
	36	18	12.13	12.15	12.15	12.12	0	
	36	37	12.10	12.14	12.17	12.17	0	
	75	0	12.11	12.09	12.09	12.09	0	
256QAM	1	0	12.01	11.91	11.82	11.60	0-5	0
	1	36	12.06	12.00	11.88	11.64		0
	1	74	12.07	11.97	11.83	11.67		0
	36	0	11.80	11.70	11.77	11.59		0
	36	18	11.81	11.75	11.82	11.57		0
	36	37	11.76	11.73	11.78	11.61		0
	75	0	11.75	11.65	11.76	11.54		0

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Table I-97
LTE Band 48 Measured P_{limit} Antenna 2 - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55290 (3555.0 MHz)	Low-Mid Channel 55757 (3601.7 MHz)	Mid-High Channel 56223 (3648.3 MHz)	High Channel 56690 (3695.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	12.15	12.15	12.12	12.14	0	0
	1	25	12.10	12.03	12.02	12.21		0
	1	49	12.14	12.16	12.07	12.23		0
	25	0	12.13	12.11	12.14	12.16	0-1	0
	25	12	12.17	12.16	12.15	12.15		0
	25	25	12.11	12.14	12.16	12.20		0
16QAM	50	0	12.14	12.13	12.11	12.14	0-1	0
	1	0	12.01	12.20	12.29	12.15		0
	1	25	11.95	12.13	12.17	12.06		0
	1	49	12.02	12.23	12.24	12.15	0-2	0
	25	0	12.19	12.17	12.22	12.20		0
	25	12	12.22	12.19	12.21	12.23		0
64QAM	25	25	12.17	12.17	12.24	12.29	0-2	0
	50	0	12.16	12.15	12.11	12.16		0
	1	0	12.18	12.11	12.09	12.23	0-2	0
	1	25	12.10	12.03	12.06	12.18		0
	1	49	12.14	12.12	12.05	12.22		0
	25	0	12.13	12.14	12.12	12.11	0-3	0
256QAM	25	12	12.16	12.16	12.09	12.14		0
	25	25	12.11	12.12	12.15	12.18		0
	50	0	12.12	12.12	12.10	12.12	0-5	0
	1	0	12.02	11.83	12.10	11.63		0
	1	25	11.98	11.87	12.05	11.66		0
	1	49	12.02	11.88	12.12	11.72		0
	25	0	11.90	11.70	11.90	11.72		0
	25	12	11.94	11.81	11.94	11.75		0
256QAM	25	25	11.77	11.77	11.96	11.80		0
	50	0	11.95	11.83	11.93	11.77		0

Table I-98
LTE Band 48 Measured P_{limit} Antenna 2 - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55265 (3552.5 MHz)	Low-Mid Channel 55748 (3600.8 MHz)	Mid-High Channel 56232 (3649.2 MHz)	High Channel 56715 (3697.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	12.18	12.10	12.19	12.22	0	0
	1	12	12.14	12.02	12.01	12.18		0
	1	24	12.21	12.05	12.00	12.28		0
	12	0	12.08	12.09	12.12	12.22	0-1	0
	12	6	12.15	12.09	12.15	12.23		0
	12	13	12.14	12.10	12.13	12.21		0
16QAM	25	0	12.18	12.12	12.15	12.26	0-1	0
	1	0	12.09	12.09	12.21	12.23		0
	1	12	12.13	12.19	12.34	12.17		0
	1	24	12.19	12.28	12.40	12.18	0-2	0
	12	0	12.09	12.07	12.10	12.27		0
	12	6	12.17	12.12	12.21	12.25		0
64QAM	12	13	12.18	12.12	12.18	12.25	0-2	0
	25	0	12.10	12.10	12.18	12.21		0
	1	0	12.12	12.09	12.19	12.19	0-2	0
	1	12	12.07	12.15	12.28	12.07		0
	1	24	12.20	12.26	12.38	12.26		0
	12	0	12.09	12.09	12.12	12.27	0-3	0
256QAM	12	6	12.19	12.07	12.18	12.21		0
	12	13	12.16	12.10	12.19	12.26		0
	25	0	12.15	12.08	12.20	12.18	0-5	0
	1	0	12.10	11.93	12.11	11.74		0
	1	12	12.06	11.89	12.09	11.63		0
	1	24	12.16	12.03	12.21	11.69		0
	12	0	11.72	11.65	11.77	11.62		0
	12	6	11.80	11.68	11.76	11.56		0
256QAM	12	13	11.76	11.69	11.78	11.61		0
	25	0	11.71	11.67	11.80	11.62		0

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Table I-99
LTE Band 48 Measured P_{limit} Antenna 3a - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55315 (3557.5 MHz)	Low-Mid Channel 55765 (3602.5 MHz)	Mid-High Channel 56215 (3647.5 MHz)	High Channel 56665 (3692.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	11.02	11.05	10.94	10.96	0	0
	1	36	11.09	11.05	10.99	10.93		0
	1	74	11.05	11.08	11.03	10.93		0
	36	0	11.21	11.16	11.09	11.07	0-1	0
	36	18	11.24	11.19	11.08	11.11		0
	36	37	11.18	11.16	11.13	11.08		0
	75	0	11.18	11.13	11.05	11.10		0
16QAM	1	0	10.83	11.14	11.05	10.86	0-1	0
	1	36	10.85	11.12	11.12	10.78		0
	1	74	10.87	11.18	11.11	10.74		0
	36	0	11.21	11.16	11.13	11.06	0-2	0
	36	18	11.24	11.14	11.12	11.17		0
	36	37	11.19	11.15	11.20	11.08		0
	75	0	11.19	11.05	11.06	11.09		0
64QAM	1	0	11.02	11.09	10.94	10.98	0-2	0
	1	36	11.08	11.08	10.97	10.91		0
	1	74	11.09	11.09	11.04	10.92		0
	36	0	11.20	11.17	11.05	11.07	0-3	0
	36	18	11.23	11.17	11.09	11.08		0
	36	37	11.19	11.16	11.12	11.05		0
	75	0	11.20	11.11	11.05	11.06		0
256QAM	1	0	10.86	11.32	10.89	10.83	0-5	0
	1	36	10.82	11.27	10.96	10.82		0
	1	74	10.85	11.31	10.93	10.80		0
	36	0	11.07	10.93	10.85	10.89		0
	36	18	11.03	10.95	10.93	10.94		0
	36	37	10.98	10.94	10.88	10.86		0
	75	0	11.01	10.96	10.92	10.92		0

Table I-100
LTE Band 48 Measured P_{limit} Antenna 3a - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55290 (3555.0 MHz)	Low-Mid Channel 55757 (3601.7 MHz)	Mid-High Channel 56223 (3648.3 MHz)	High Channel 56690 (3695.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	11.29	11.18	11.11	11.04	0	0
	1	25	11.20	11.04	10.99	11.08		0
	1	49	11.27	11.15	11.08	11.12		0
	25	0	11.22	11.16	11.09	11.06	0-1	0
	25	12	11.23	11.21	11.20	11.09		0
	25	25	11.22	11.15	11.16	11.12		0
	50	0	11.26	11.18	11.07	11.03		0
16QAM	1	0	11.13	11.24	11.20	10.96	0-1	0
	1	25	10.98	11.14	11.15	10.91		0
	1	49	11.10	11.24	11.18	10.98		0
	25	0	11.28	11.21	11.13	11.12	0-2	0
	25	12	11.30	11.21	11.23	11.12		0
	25	25	11.26	11.18	11.22	11.14		0
	50	0	11.23	11.20	11.07	11.04		0
64QAM	1	0	11.28	11.16	11.09	11.17	0-2	0
	1	25	11.20	11.04	11.05	11.12		0
	1	49	11.24	11.18	11.09	11.12		0
	25	0	11.21	11.13	11.11	11.06	0-3	0
	25	12	11.23	11.19	11.21	11.06		0
	25	25	11.19	11.12	11.17	11.08		0
	50	0	11.18	11.12	11.12	11.04		0
256QAM	1	0	10.88	11.07	10.66	10.83	0-5	0
	1	25	10.82	11.00	10.59	10.82		0
	1	49	10.86	11.06	10.64	10.87		0
	25	0	10.92	10.88	10.89	10.82		0
	25	12	10.95	10.95	11.01	10.79		0
	25	25	10.92	10.89	10.92	10.87		0
	50	0	10.93	10.97	11.01	10.81		0

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Table I-101
LTE Band 48 Measured P_{limit} Antenna 3a - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55265 (3552.5 MHz)	Low-Mid Channel 55748 (3600.8 MHz)	Mid-High Channel 56232 (3649.2 MHz)	High Channel 56715 (3697.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	11.32	11.17	11.16	11.13	0	0
	1	12	11.21	11.06	11.00	11.10		0
	1	24	11.31	11.11	10.95	11.15		0
	12	0	11.25	11.12	11.13	11.15	0-1	0
	12	6	11.26	11.13	11.14	11.11		0
	12	13	11.21	11.13	11.15	11.11		0
16QAM	25	0	11.25	11.14	11.15	11.13	0-1	0
	1	0	11.23	11.09	11.15	11.06		0
	1	12	11.12	11.25	11.24	10.97		0
	1	24	11.25	11.28	11.33	11.05	0-2	0
	12	0	11.28	11.11	11.11	11.15		0
	12	6	11.23	11.12	11.12	11.10		0
64QAM	12	13	11.28	11.09	11.10	11.07	0-2	0
	25	0	11.20	11.09	11.14	11.04		0
	1	0	11.23	11.12	11.11	11.07	0-2	0
	1	12	11.15	11.16	11.30	11.08		0
	1	24	11.22	11.28	11.35	11.04		0
	12	0	11.24	11.14	11.15	11.10	0-3	0
256QAM	12	6	11.28	11.09	11.15	11.12		0
	12	13	11.24	11.11	11.16	11.10		0
	25	0	11.20	11.12	11.11	11.08	0-5	0
	1	0	11.48	10.99	10.65	11.30		0
	1	12	11.36	10.88	10.61	11.14		0
	1	24	11.48	11.00	10.63	11.29		0
	12	0	10.98	10.89	10.90	10.75		0
	12	6	10.96	10.84	10.92	10.78		0
256QAM	12	13	10.98	10.89	10.92	10.79		0
	25	0	11.04	10.93	10.90	10.83		0

Table I-102
LTE Band 48 Measured P_{limit} Antenna 4 - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel 55315 (3557.5 MHz)	Low-Mid Channel 55765 (3602.5 MHz)	Mid-High Channel 56215 (3647.5 MHz)	High Channel 56665 (3692.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
Conducted Power [dBm]								
QPSK	1	0	10.14	10.10	10.13	9.98	0	0
	1	36	10.18	10.14	10.12	9.96		0
	1	74	10.18	10.20	10.10	9.96		0
	36	0	10.33	10.25	10.32	10.10	0-1	0
	36	18	10.36	10.24	10.32	10.18		0
	36	37	10.31	10.24	10.23	10.05		0
16QAM	75	0	10.29	10.20	10.28	10.02	0-1	0
	1	0	9.95	10.18	10.29	9.99		0
	1	36	9.91	10.22	10.28	9.94		0
	1	74	9.93	10.26	10.26	9.91	0-2	0
	36	0	10.39	10.27	10.34	10.07		0
	36	18	10.36	10.28	10.36	10.20		0
64QAM	36	37	10.36	10.29	10.30	10.15	0-2	0
	75	0	10.31	10.19	10.30	10.01		0
	1	0	10.15	10.13	10.13	9.99	0-3	0
	1	36	10.20	10.18	10.15	10.00		0
	1	74	10.20	10.22	10.13	9.98		0
	36	0	10.36	10.27	10.33	10.10	0-5	0
256QAM	36	18	10.37	10.26	10.30	10.13		0
	36	37	10.34	10.30	10.24	10.09		0
	75	0	10.33	10.24	10.29	10.01	0-5	0
	1	0	10.54	9.95	10.52	10.55		0
	1	36	10.67	10.00	10.50	10.56		0
	1	74	10.67	10.04	10.36	10.55		0
256QAM	36	0	10.24	10.41	10.47	10.43	0-5	0
	36	18	10.33	10.51	10.44	10.47		0
	36	37	10.30	10.49	10.40	10.39		0
	75	0	10.29	10.50	10.44	10.44		0

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Table I-103
LTE Band 48 Measured P_{limit} Antenna 4 - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	10.37	10.28	10.35	10.14	0	0
	1	25	10.37	10.16	10.19	10.13		0
	1	49	10.39	10.24	10.23	10.18		0
	25	0	10.38	10.27	10.31	10.15	0-1	0
	25	12	10.40	10.29	10.37	10.17		0
	25	25	10.39	10.27	10.33	10.12		0
	50	0	10.35	10.29	10.37	10.12	0	
16QAM	1	0	10.24	10.33	10.48	10.03	0-1	0
	1	25	10.17	10.26	10.29	9.94		0
	1	49	10.25	10.32	10.41	10.01		0
	25	0	10.43	10.31	10.41	10.17	0-2	0
	25	12	10.44	10.33	10.38	10.23		0
	25	25	10.40	10.29	10.34	10.16		0
	50	0	10.39	10.26	10.32	10.12	0	
64QAM	1	0	10.43	10.27	10.29	10.27	0-2	0
	1	25	10.37	10.21	10.20	10.13		0
	1	49	10.43	10.27	10.22	10.19		0
	25	0	10.39	10.29	10.34	10.17	0-3	0
	25	12	10.43	10.32	10.39	10.18		0
	25	25	10.38	10.30	10.36	10.14		0
	50	0	10.39	10.31	10.37	10.16	0	
256QAM	1	0	10.16	9.96	10.65	10.33	0-5	0
	1	25	10.09	9.97	10.54	10.22		0
	1	49	10.21	10.05	10.51	10.26		0
	25	0	10.24	10.38	10.44	10.41	0-5	0
	25	12	10.32	10.52	10.45	10.39		0
	25	25	10.28	10.48	10.41	10.34		0
	50	0	10.36	10.54	10.50	10.44	0	

Table I-104
LTE Band 48 Measured P_{limit} Antenna 4 - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.5 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	10.43	10.25	10.33	10.13	0	0
	1	12	10.35	10.18	10.17	10.10		0
	1	24	10.44	10.21	10.17	10.19		0
	12	0	10.40	10.23	10.27	10.12	0-1	0
	12	6	10.40	10.25	10.32	10.16		0
	12	13	10.41	10.27	10.31	10.15		0
16QAM	25	0	10.39	10.23	10.32	10.15	0-1	0
	1	0	10.42	10.19	10.31	10.12		0
	1	12	10.35	10.35	10.40	10.08		0
	1	24	10.35	10.42	10.46	10.14	0-2	0
	12	0	10.42	10.21	10.29	10.16		0
	12	6	10.40	10.26	10.33	10.19		0
64QAM	12	13	10.41	10.22	10.28	10.17	0-2	0
	25	0	10.33	10.22	10.29	10.11		0
	1	0	10.44	10.23	10.32	10.15	0-2	0
	1	12	10.35	10.35	10.41	10.10		0
	1	24	10.38	10.41	10.50	10.18		0
	12	0	10.45	10.29	10.35	10.16	0-3	0
12	6	10.41	10.27	10.31	10.20	0		
12	13	10.43	10.24	10.29	10.12	0		
256QAM	25	0	10.37	10.24	10.32	10.14	0-3	0
	1	0	10.54	10.44	10.41	10.39		0
	1	12	10.51	9.97	10.41	10.66		0
	1	24	10.55	10.14	10.39	10.72	0-5	0
	12	0	10.21	10.48	10.42	10.28		0
	12	6	10.21	10.46	10.35	10.29		0
256QAM	12	13	10.20	10.48	10.34	10.25	0-5	0
	25	0	10.31	10.44	10.43	10.37		0

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I.2 NR Lower Bandwidth RF Conducted Powers

I.2.1 NR Band n71

Table I-105
NR Band n71 Measured Plimit Antenna 2 - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.40	0	0.0
	1	40	17.31		0.0
	1	77	17.17		0.0
	36	0	17.33	0-0.5	0.0
	36	22	17.11	0	0.0
	36	43	17.04	0-0.5	0.0
	75	0	17.18		0.0
DFT-s-OFDM QPSK	1	1	17.30	0	0.0
	1	40	17.13		0.0
	1	77	17.15		0.0
	36	0	17.33	0-1	0.0
	36	22	17.15	0	0.0
	36	43	17.05	0-1	0.0
	75	0	17.20		0.0
DFT-s-OFDM 16QAM	1	1	17.33	0-1	0.0
CP-OFDM QPSK	1	1	17.37	0-1.5	0.0

Note: NR Band n71 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-106
NR Band n71 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.37	17.25	17.12	0	0.0
	1	26	17.29	17.20	17.06		0.0
	1	50	17.24	17.13	17.03		0.0
	25	0	17.37	17.10	17.04	0-0.5	0.0
	25	14	17.36	17.15	17.00	0	0.0
	25	27	17.27	17.10	17.01	0-0.5	0.0
	50	0	17.40	17.14	17.01		0.0
DFT-s-OFDM QPSK	1	1	17.40	17.19	17.08	0	0.0
	1	26	17.32	17.10	17.02		0.0
	1	50	17.26	17.15	17.00		0.0
	25	0	17.39	17.11	17.01	0-1	0.0
	25	14	17.38	17.18	17.00	0	0.0
	25	27	17.30	17.15	17.03	0-1	0.0
	50	0	17.28	17.16	17.02		0.0
DFT-s-OFDM 16QAM	1	1	17.41	17.23	17.07	0-1	0.0
CP-OFDM QPSK	1	1	17.35	17.13	17.05	0-1.5	0.0

Table I-107
NR Band n71 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n71							
			5 MHz Bandwidth				
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.35	17.16	17.07	0	0.0
	1	13	17.32	17.10	17.05		0.0
	1	23	17.32	17.20	17.02		0.0
	12	0	17.38	17.30	17.03	0-0.5	0.0
	12	7	17.40	17.29	17.00	0	0.0
	12	13	17.26	17.19	17.03	0-0.5	0.0
	25	0	17.31	17.16	16.98		0.0
DFT-s-OFDM QPSK	1	1	17.43	17.21	17.00	0	0.0
	1	13	17.32	17.24	17.02		0.0
	1	23	17.27	17.11	17.01		0.0
	12	0	17.32	17.25	17.02	0-1	0.0
	12	7	17.35	17.23	17.03	0	0.0
	12	13	17.28	17.10	17.05	0-1	0.0
	25	0	17.32	17.18	17.01		0.0
DFT-s-OFDM 16QAM	1	1	17.43	17.34	17.04	0-1	0.0
CP-OFDM QPSK	1	1	17.30	17.17	17.00	0-1.5	0.0

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Table I-108
NR Band n71 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.22	0	0.0
	1	40	19.23		0.0
	1	77	19.14		0.0
	36	0	19.23	0-0.5	0.0
	36	22	19.13	0	0.0
	36	43	19.07	0-0.5	0.0
	75	0	19.20		0.0
DFT-s-OFDM QPSK	1	1	19.19	0	0.0
	1	40	19.28		0.0
	1	77	19.14		0.0
	36	0	19.21	0-1	0.0
	36	22	19.18	0	0.0
	36	43	19.12	0-1	0.0
	75	0	19.24		0.0
DFT-s-OFDM 16QAM	1	1	19.18	0-1	0.0
CP-OFDM QPSK	1	1	19.14	0-1.5	0.0

Note: NR Band n71 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-109
NR Band n71 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.24	19.13	19.15	0	0.0
	1	26	19.15	19.12	19.11		0.0
	1	50	19.12	19.11	18.95		0.0
	25	0	19.22	19.17	19.04	0-0.5	0.0
	25	14	19.18	19.26	18.98	0	0.0
	25	27	19.14	19.18	19.01	0-0.5	0.0
	50	0	19.20	19.16	19.03		0.0
DFT-s-OFDM QPSK	1	1	19.33	19.15	19.12	0	0.0
	1	26	19.15	19.18	19.02		0.0
	1	50	19.05	19.21	18.95		0.0
	25	0	19.25	19.20	19.11	0-1	0.0
	25	14	19.16	19.23	19.07	0	0.0
	25	27	19.09	19.21	18.98	0-1	0.0
	50	0	19.19	19.18	19.05		0.0
DFT-s-OFDM 16QAM	1	1	19.21	19.08	19.04	0-1	0.0
CP-OFDM QPSK	1	1	19.34	19.14	18.98	0-1.5	0.0

Table I-110
NR Band n71 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n71							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	19.11	19.14	18.95	0	0.0
	1	13	19.12	19.04	18.78		0.0
	1	23	19.02	18.96	18.83		0.0
	12	0	19.16	19.09	18.91	0-0.5	0.0
	12	7	19.11	19.05	18.83	0	0.0
	12	13	19.07	19.04	18.74	0-0.5	0.0
	25	0	19.08	19.01	18.75		0.0
DFT-s-OFDM QPSK	1	1	19.15	19.11	18.88	0	0.0
	1	13	19.13	19.04	18.75		0.0
	1	23	19.05	19.03	18.73		0.0
	12	0	19.13	19.03	18.83	0-1	0.0
	12	7	19.12	19.08	18.80	0	0.0
	12	13	19.03	18.96	18.75	0-1	0.0
	25	0	19.13	19.08	18.82		0.0
DFT-s-OFDM 16QAM	1	1	19.12	18.94	18.75	0-1	0.0
CP-OFDM QPSK	1	1	19.23	19.02	18.94	0-1.5	0.0

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NR Band n12

Table I-111
NR Band n12 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.21	0	0.0
	1	26	18.14		0.0
	1	50	18.11		0.0
	25	0	18.17	0-0.5	0.0
	25	14	18.21	0	0.0
	25	27	18.20		0.0
	50	0	18.25		0.0
DFT-s-OFDM QPSK	1	1	18.22	0	0.0
	1	26	18.23		0.0
	1	50	18.16		0.0
	25	0	18.25	0-1	0.0
	25	14	18.23	0	0.0
	25	27	18.14		0.0
	50	0	18.28		0.0
DFT-s-OFDM 16QAM	1	1	18.18	0-1	0.0
CP-OFDM QPSK	1	1	18.35	0-1.5	0.0

Note: NR Band n12 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-112
NR Band n12 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	18.27	18.24	18.25	0	0.0
	1	13	18.21	18.15	18.15		0.0
	1	23	18.16	18.13	18.11		0.0
	12	0	18.31	18.29	18.13	0-0.5	0.0
	12	7	18.26	18.17	18.08	0	0.0
	12	13	18.21	18.13	17.98	0-0.5	0.0
	25	0	18.20	18.18	18.01		0.0
DFT-s-OFDM QPSK	1	1	18.37	18.21	18.15	0	0.0
	1	13	18.25	18.21	18.09		0.0
	1	23	18.22	18.10	17.99		0.0
	12	0	18.33	18.22	18.13	0-1	0.0
	12	7	18.28	18.23	18.11	0	0.0
	12	13	18.14	18.19	18.08	0-1	0.0
	25	0	18.30	18.22	18.13		0.0
DFT-s-OFDM 16QAM	1	1	18.20	18.21	18.10	0-1	0.0
CP-OFDM QPSK	1	1	18.31	18.20	18.18	0-1.5	0.0

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Table I-113
NR Band n12 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.56	0	0.0
	1	26	17.53		0.0
	1	50	17.50		0.0
	25	0	17.52	0-0.5	0.0
	25	14	17.56	0	0.0
	25	27	17.57	0-0.5	0.0
	50	0	17.61		0.0
DFT-s-OFDM QPSK	1	1	17.55	0	0.0
	1	26	17.51		0.0
	1	50	17.44		0.0
	25	0	17.56	0-1	0.0
	25	14	17.58	0	0.0
	25	27	17.54	0-1	0.0
	50	0	17.60		0.0
DFT-s-OFDM 16QAM	1	1	17.42	0-1	0.0
CP-OFDM QPSK	1	1	17.61	0-1.5	0.0

Note: NR Band n12 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-114
NR Band n12 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.67	17.57	17.65	0	0.0
	1	13	17.53	17.52	17.48		0.0
	1	23	17.49	17.47	17.45		0.0
	12	0	17.62	17.63	17.55	0-0.5	0.0
	12	7	17.60	17.61	17.47	0	0.0
	12	13	17.53	17.48	17.41	0-0.5	0.0
	25	0	17.56	17.58	17.47		0.0
DFT-s-OFDM QPSK	1	1	17.71	17.52	17.52	0	0.0
	1	13	17.59	17.47	17.40		0.0
	1	23	17.56	17.49	17.42		0.0
	12	0	17.69	17.70	17.51	0-1	0.0
	12	7	17.63	17.56	17.48	0	0.0
	12	13	17.57	17.52	17.45	0-1	0.0
	25	0	17.59	17.54	17.51		0.0
DFT-s-OFDM 16QAM	1	1	17.58	17.56	17.57	0-1	0.0
CP-OFDM QPSK	1	1	17.66	17.63	17.59	0-1.5	0.0

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NR Band n5

Table I-115
NR Band n5 Measured Plimit Antenna 2 - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.63	0	0.0
	1	40	17.52		0.0
	1	77	17.41		0.0
	36	0	17.44	0-0.5	0.0
	36	22	17.38	0	0.0
	36	43	17.39	0-0.5	0.0
	75	0	17.44		0.0
DFT-s-OFDM QPSK	1	1	17.61	0	0.0
	1	40	17.57		0.0
	1	77	17.49		0.0
	36	0	17.48	0	0.0
	36	22	17.45	0	0.0
	36	43	17.39	0	0.0
	75	0	17.47		0.0
DFT-s-OFDM 16QAM	1	1	17.55	0-1	0.0
CP-OFDM QPSK	1	1	17.64	0	0.0

Note: NR Band n5 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-116
NR Band n5 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.48	0	0.0
	1	26	17.51		0.0
	1	50	17.45		0.0
	25	0	17.48	0-0.5	0.0
	25	14	17.40	0	0.0
	25	27	17.38		0.0
	50	0	17.50		0.0
DFT-s-OFDM QPSK	1	1	17.55	0	0.0
	1	26	17.53		0.0
	1	50	17.51		0.0
	25	0	17.44	0-1	0.0
	25	14	17.49	0	0.0
	25	27	17.40		0.0
	50	0	17.47		0.0
DFT-s-OFDM 16QAM	1	1	17.43	0-1	0.0
CP-OFDM QPSK	1	1	17.32	0-1.5	0.0

Note: NR Band n5 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-117
NR Band n5 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.62	17.49	17.35	0	0.0
	1	13	17.55	17.47	17.22		0.0
	1	23	17.51	17.41	17.19		0.0
	12	0	17.60	17.51	17.33	0-0.5	0.0
	12	7	17.56	17.44	17.20	0	0.0
	12	13	17.49	17.35	17.15	0-0.5	0.0
	25	0	17.47	17.37	17.21		0.0
DFT-s-OFDM QPSK	1	1	17.67	17.52	17.37	0	0.0
	1	13	17.60	17.39	17.17		0.0
	1	23	17.33	17.38	17.20		0.0
	12	0	17.60	17.47	17.37	0-1	0.0
	12	7	17.61	17.41	17.22	0	0.0
	12	13	17.47	17.38	17.20	0-1	0.0
	25	0	17.58	17.46	17.25		0.0
DFT-s-OFDM 16QAM	1	1	17.55	17.68	17.31	0-1	0.0
CP-OFDM QPSK	1	1	17.58	17.45	17.27	0-1.5	0.0

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Table I-118
NR Band n5 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.51	0	0.0
	1	40	17.40		0.0
	1	77	17.33		0.0
	36	0	17.51	0-0.5	0.0
	36	22	17.35	0	0.0
	36	43	17.32	0-0.5	0.0
	75	0	17.45		0.0
DFT-s-OFDM QPSK	1	1	17.59	0	0.0
	1	40	17.55		0.0
	1	77	17.44		0.0
	36	0	17.48	0-1	0.0
	36	22	17.41	0	0.0
	36	43	17.37	0-1	0.0
	75	0	17.41		0.0
DFT-s-OFDM 16QAM	1	1	17.72	0-1	0.0
CP-OFDM QPSK	1	1	17.49	0-1.5	0.0

Note: NR Band n5 at 15 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-119
NR Band n5 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.30	0	0.0
	1	26	17.41		0.0
	1	50	17.37		0.0
	25	0	17.50	0-0.5	0.0
	25	14	17.41	0	0.0
	25	27	17.31	0-0.5	0.0
	50	0	17.44		0.0
DFT-s-OFDM QPSK	1	1	17.41	0	0.0
	1	26	17.51		0.0
	1	50	17.43		0.0
	25	0	17.37	0-1	0.0
	25	14	17.42	0	0.0
	25	27	17.38	0-1	0.0
	50	0	17.41		0.0
DFT-s-OFDM 16QAM	1	1	17.51	0-1	0.0
CP-OFDM QPSK	1	1	17.39	0-1.5	0.0

Note: NR Band n5 at 10 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-120
NR Band n5 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	17.62	17.41	17.32	0	0.0
	1	13	17.47	17.40	17.22		0.0
	1	23	17.41	17.27	17.12		0.0
	12	0	17.59	17.38	17.25	0-0.5	0.0
	12	7	17.44	17.32	17.22	0	0.0
	12	13	17.41	17.37	17.09	0-0.5	0.0
	25	0	17.45	17.37	17.19		0.0
DFT-s-OFDM QPSK	1	1	17.58	17.45	17.33	0	0.0
	1	13	17.51	17.47	17.23		0.0
	1	23	17.45	17.41	17.09		0.0
	12	0	17.55	17.48	17.30	0-1	0.0
	12	7	17.44	17.43	17.21	0	0.0
	12	13	17.41	17.35	17.15	0-1	0.0
	25	0	17.43	17.40	17.18		0.0
DFT-s-OFDM 16QAM	1	1	17.64	17.61	17.47	0-1	0.0
CP-OFDM QPSK	1	1	17.61	17.33	17.24	0-1.5	0.0

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I.2.4

NR Band n66

Table I-121
NR Band n66 Measured Plimit Antenna 1b - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.26	0	0.0
	1	80	11.22		0.0
	1	158	11.28		0.0
	80	0	11.21	0-0.5	0.0
	80	40	11.10	0	0.0
	80	80	11.09	0-0.5	0.0
	160	0	11.12		0.0
DFT-s-OFDM QPSK	1	1	11.30	0	0.0
	1	80	11.10		0.0
	1	158	11.27		0.0
	80	0	11.16	0-1	0.0
	80	40	11.09	0	0.0
	80	80	11.16	0-1	0.0
	160	0	11.17		0.0
DFT-s-OFDM 16QAM	1	1	11.00	0-1	0.0
CP-OFDM QPSK	1	1	11.32	0-1.5	0.0

Note: NR Band n66 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-122
NR Band n66 Measured Plimit Antenna 1b - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.25	11.15	11.16	0	0.0
	1	53	11.14	11.09	11.05		0.0
	1	104	11.22	11.28	11.21		0.0
	50	0	11.19	11.12	11.11	0-0.5	0.0
	50	28	11.16	11.08	11.06	0	0.0
	50	56	11.16	11.22	11.07	0-0.5	0.0
	100	0	11.20	11.10	11.13		0.0
DFT-s-OFDM QPSK	1	1	11.16	11.19	11.09	0	0.0
	1	53	11.22	10.98	11.01		0.0
	1	104	11.22	11.19	11.03		0.0
	50	0	11.20	11.15	11.09	0-1	0.0
	50	28	11.15	11.18	11.10	0	0.0
	50	56	11.18	11.16	11.12	0-1	0.0
	100	0	11.17	11.20	11.08		0.0
DFT-s-OFDM 16QAM	1	1	11.32	11.21	11.18	0-1	0.0
CP-OFDM QPSK	1	1	11.03	11.06	11.23	0-1.5	0.0

Table I-123
NR Band n66 Measured Plimit Antenna 1b - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.94	10.85	11.03	0	0.0
	1	40	10.88	10.81	10.95		0.0
	1	77	10.91	10.94	11.15		0.0
	36	0	10.88	10.82	10.97	0-0.5	0.0
	36	22	10.81	10.85	10.95	0	0.0
	36	43	10.83	10.82	10.98	0-0.5	0.0
	75	0	10.81	10.84	10.96		0.0
DFT-s-OFDM QPSK	1	1	10.88	10.88	11.03	0	0.0
	1	40	10.83	10.85	11.02		0.0
	1	77	10.87	10.95	11.09		0.0
	36	0	10.88	10.86	11.02	0-1	0.0
	36	22	10.85	10.81	10.95	0	0.0
	36	43	10.88	10.88	11.07	0-1	0.0
	75	0	10.86	10.81	11.02		0.0
DFT-s-OFDM 16QAM	1	1	10.97	10.98	11.01	0-1	0.0
CP-OFDM QPSK	1	1	10.91	10.90	11.00	0-1.5	0.0

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Table I-124
NR Band n66 Measured Plimit Antenna 1b - 10 MHz Bandwidth

NR Band n66							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.77	10.88	11.06	0	0.0
	1	26	10.84	10.89	11.20		0.0
	1	50	10.83	10.92	11.27		0.0
	25	0	10.77	10.85	11.23	0-0.5	0.0
	25	14	10.80	10.91	11.26	0	0.0
	25	27	10.85	10.85	11.27	0-0.5	0.0
	50	0	10.84	10.84	11.21		0.0
DFT-s-OFDM QPSK	1	1	10.89	10.90	11.24	0	0.0
	1	26	10.92	10.97	11.18		0.0
	1	50	10.98	10.95	11.26		0.0
	25	0	10.83	10.90	11.19	0-1	0.0
	25	14	10.85	10.88	11.23	0	0.0
	25	27	10.81	10.87	11.20	0-1	0.0
	50	0	10.79	10.85	11.23		0.0
DFT-s-OFDM 16QAM	1	1	10.86	10.93	11.20	0-1	0.0
CP-OFDM QPSK	1	1	10.92	10.96	11.10	0-1.5	0.0

Table I-125
NR Band n66 Measured Plimit Antenna 1b - 5 MHz Bandwidth

NR Band n66							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.85	10.85	11.05	0	0.0
	1	13	10.86	10.85	11.22		0.0
	1	23	10.82	10.85	11.17		0.0
	12	0	10.83	10.89	11.10	0-0.5	0.0
	12	7	10.84	10.91	11.18	0	0.0
	12	13	10.82	10.86	11.10	0-0.5	0.0
	25	0	10.81	10.85	11.14		0.0
DFT-s-OFDM QPSK	1	1	10.92	10.88	11.16	0	0.0
	1	13	10.87	10.93	11.23		0.0
	1	23	10.93	10.95	11.25		0.0
	12	0	10.90	10.81	11.09	0-1	0.0
	12	7	10.91	10.71	10.65	0	0.0
	12	13	10.89	10.74	11.10	0-1	0.0
	25	0	10.85	10.70	11.09		0.0
DFT-s-OFDM 16QAM	1	1	10.84	10.90	10.91	0-1	0.0
CP-OFDM QPSK	1	1	10.72	10.87	11.15	0-1.5	0.0

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Table I-126
NR Band n66 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.25	0	0.0
	1	80	13.05		0.0
	1	158	13.09		0.0
	80	0	13.05	0-0.5	0.0
	80	40	12.95	0	0.0
	80	80	12.94	0-0.5	0.0
	160	0	13.03		0.0
DFT-s-OFDM QPSK	1	1	13.14	0	0.0
	1	80	12.96		0.0
	1	158	13.01		0.0
	80	0	13.03	0-1	0.0
	80	40	12.99	0	0.0
	80	80	12.98	0-1	0.0
	160	0	13.02		0.0
DFT-s-OFDM 16QAM	1	1	13.23	0-1	0.0
CP-OFDM QPSK	1	1	13.11	0-1.5	0.0

Note: NR Band n66 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-127
NR Band n66 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.08	13.04	12.87	0	0.0
	1	53	13.03	12.83	12.75		0.0
	1	104	13.05	12.90	12.76		0.0
	50	0	13.05	12.89	12.79	0-0.5	
	50	28	13.12	12.88	12.76	0	0.0
	50	56	13.03	12.90	12.74	0-0.5	0.0
	100	0	13.10	12.85	12.75		0.0
DFT-s-OFDM QPSK	1	1	13.12	13.01	12.83	0	0.0
	1	53	13.03	12.90	12.76		0.0
	1	104	13.04	12.95	12.74		0.0
	50	0	13.15	12.93	12.81	0-1	0.0
	50	28	13.08	12.86	12.73	0	0.0
	50	56	13.09	12.84	12.68	0-1	0.0
	100	0	13.07	12.89	12.72		0.0
DFT-s-OFDM 16QAM	1	1	13.17	13.10	12.89	0-1	0.0
CP-OFDM QPSK	1	1	13.05	13.02	12.85	0-1.5	0.0

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Table I-128
NR Band n66 Measured Plimit Antenna 2 - 15 MHz Bandwidth

NR Band n66							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.15	13.00	12.91	0	0.0
	1	40	13.06	12.86	12.78		0.0
	1	77	13.08	12.87	12.76		0.0
	36	0	13.06	12.88	12.80	0-0.5	0.0
	36	22	13.02	12.78	12.71	0	0.0
	36	43	13.01	12.84	12.76	0-0.5	0.0
	75	0	13.02	12.87	12.76		0.0
DFT-s-OFDM QPSK	1	1	13.15	12.99	12.84	0	0.0
	1	40	13.05	12.86	12.77		0.0
	1	77	13.08	12.89	12.75		0.0
	36	0	13.08	12.88	12.82	0	0.0
	36	22	13.00	12.81	12.75	0	0.0
	36	43	13.04	12.82	12.75	0	0.0
	75	0	13.02	12.85	12.77		0.0
DFT-s-OFDM 16QAM	1	1	13.10	12.98	12.83	0-1	0.0
CP-OFDM QPSK	1	1	12.95	12.84	12.83	0	0.0

Table I-129
NR Band n66 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.11	12.92	12.83	0	0.0
	1	26	13.13	12.97	12.90		0.0
	1	50	13.17	12.90	12.88		0.0
	25	0	13.07	12.84	12.75	0-0.5	0.0
	25	14	13.10	12.81	12.73	0	0.0
	25	27	13.11	12.88	12.80	0-0.5	0.0
	50	0	13.07	12.79	12.75		0.0
DFT-s-OFDM QPSK	1	1	13.05	12.93	12.76	0	0.0
	1	26	13.12	12.91	12.82		0.0
	1	50	13.07	12.85	12.71		0.0
	25	0	13.05	12.87	12.72	0-1	0.0
	25	14	13.10	12.84	12.70	0	0.0
	25	27	13.03	12.81	12.68	0-1	0.0
	50	0	13.04	12.84	12.74		0.0
DFT-s-OFDM 16QAM	1	1	13.12	12.95	12.81	0-1	0.0
CP-OFDM QPSK	1	1	13.08	12.88	12.78	0-1.5	0.0

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Table I-130
NR Band n66 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.01	12.95	12.77	0	0.0
	1	13	13.09	12.93	12.85		0.0
	1	23	13.08	12.82	12.82		0.0
	12	0	13.03	12.97	12.50	0-0.5	0.0
	12	7	13.03	12.90	12.76	0	0.0
	12	13	13.04	12.95	12.74	0-0.5	0.0
25	0	13.06	12.91	12.78	0.0		
DFT-s-OFDM QPSK	1	1	13.12	12.93	12.86	0	0.0
	1	13	13.07	12.97	12.77		0.0
	1	23	13.02	12.95	12.71		0.0
	12	0	13.07	12.91	12.82	0-1	0.0
	12	7	13.06	12.93	12.76	0	0.0
	12	13	13.02	12.89	12.82	0-1	0.0
25	0	13.03	12.89	12.74	0.0		
DFT-s-OFDM 16QAM	1	1	13.12	12.96	12.81	0-1	0.0
CP-OFDM QPSK	1	1	12.97	12.88	12.74	0-1.5	0.0

Table I-131
NR Band n66 Measured Plimit Antenna 3b - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.46	0	0.0
	1	80	11.41		0.0
	1	158	11.62		0.0
	80	0	11.42	0-0.5	0.0
	80	40	11.32	0	0.0
	80	80	11.49	0-0.5	0.0
	160	0	11.41		0.0
DFT-s-OFDM QPSK	1	1	11.52	0	0.0
	1	80	11.35		0.0
	1	158	11.63		0.0
	80	0	11.48	0-1	0.0
	80	40	11.37	0	0.0
	80	80	11.44	0-1	0.0
	160	0	11.42		0.0
DFT-s-OFDM 16QAM	1	1	11.71	0-1	0.0
CP-OFDM QPSK	1	1	11.5	0-1.5	0.0

Note: NR Band n66 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-132
NR Band n66 Measured Plimit Antenna 3b - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.4	11.46	11.64	0	0.0
	1	53	11.35	11.49	11.58		0.0
	1	104	11.52	11.62	11.72		0.0
	50	0	11.4	11.43	11.62	0-0.5	0.0
	50	28	11.42	11.44	11.65	0	0.0
	50	56	11.44	11.52	11.69	0-0.5	0.0
	100	0	11.39	11.47	11.61		0.0
DFT-s-OFDM QPSK	1	1	11.41	11.42	11.64	0	0.0
	1	53	11.35	11.43	11.63		0.0
	1	104	11.51	11.59	11.70		0.0
	50	0	11.36	11.42	11.63	0-1	0.0
	50	28	11.41	11.45	11.63	0	0.0
	50	56	11.44	11.51	11.68	0-1	0.0
	100	0	11.42	11.49	11.65		0.0
DFT-s-OFDM 16QAM	1	1	11.63	11.71	11.9	0-1	0.0
CP-OFDM QPSK	1	1	11.41	11.52	11.64	0-1.5	0.0

Table I-133
NR Band n66 Measured Plimit Antenna 3b - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.43	11.56	11.78	0	0.0
	1	40	11.38	11.54	11.71		0.0
	1	77	11.51	11.65	11.82		0.0
	36	0	11.4	11.52	11.72	0-0.5	0.0
	36	22	11.35	11.52	11.64	0	0.0
	36	43	11.48	11.58	11.75	0-0.5	0.0
	75	0	11.39	11.53	11.71		0.0
DFT-s-OFDM QPSK	1	1	11.52	11.51	11.74	0	0.0
	1	40	11.47	11.5	11.73		0.0
	1	77	11.57	11.6	11.8		0.0
	36	0	11.44	11.52	11.74	0-1	0.0
	36	22	11.45	11.45	11.73	0	0.0
	36	43	11.52	11.57	11.76	0-1	0.0
	75	0	11.48	11.5	11.72		0.0
DFT-s-OFDM 16QAM	1	1	11.7	11.75	12	0-1	0.0
CP-OFDM QPSK	1	1	11.35	11.53	11.85	0-1.5	0.0

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Table I-134
NR Band n66 Measured Plimit Antenna 3b - 10 MHz Bandwidth

NR Band n66							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.36	11.51	11.81	0	0.0
	1	26	11.5	11.62	11.74		0.0
	1	50	11.43	11.55	11.81		0.0
	25	0	11.38	11.58	11.73	0-0.5	0.0
	25	14	11.42	11.48	11.72	0	0.0
	25	27	11.37	11.48	11.72	0-0.5	0.0
	50	0	11.34	11.51	11.71		0.0
DFT-s-OFDM QPSK	1	1	11.41	11.52	11.71	0	0.0
	1	26	11.5	11.61	11.8		0.0
	1	50	11.44	11.55	11.83		0.0
	25	0	11.42	11.51	11.73	0-1	0.0
	25	14	11.44	11.51	11.75	0	0.0
	25	27	11.39	11.5	11.69	0-1	0.0
	50	0	11.44	11.53	11.74		0.0
DFT-s-OFDM 16QAM	1	1	11.62	11.75	11.99	0-1	0.0
CP-OFDM QPSK	1	1	11.52	11.55	11.81	0-1.5	0.0

Table I-135
NR Band n66 Measured Plimit Antenna 3b - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.62	11.76	11.91	0	0.0
	1	13	11.64	11.81	11.92		0.0
	1	23	11.62	11.75	11.89		0.0
	12	0	11.59	11.73	11.84	0-0.5	0.0
	12	7	11.61	11.75	11.83	0	0.0
	12	13	11.6	11.77	11.91	0-0.5	0.0
	25	0	11.59	11.73	11.85		0.0
DFT-s-OFDM QPSK	1	1	11.55	11.75	11.77	0	0.0
	1	13	11.65	11.7	11.79		0.0
	1	23	11.57	11.74	11.83		0.0
	12	0	11.61	11.71	11.87	0-1	0.0
	12	7	11.73	11.81	11.95	0	0.0
	12	13	11.62	11.8	11.92	0-1	0.0
	25	0	11.62	11.75	11.91		0.0
DFT-s-OFDM 16QAM	1	1	11.81	11.99	11.81	0-1	0.0
CP-OFDM QPSK	1	1	11.63	11.76	11.82	0-1.5	0.0

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Table I-136
NR Band n66 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.41	0	0.0
	1	80	13.22		0.0
	1	158	13.26		0.0
	80	0	13.28	0-0.5	0.0
	80	40	13.18	0	0.0
	80	80	13.16	0-0.5	0.0
	160	0	13.19		0.0
DFT-s-OFDM QPSK	1	1	13.46	0	0.0
	1	80	13.23		0.0
	1	158	13.35		0.0
	80	0	13.30	0-1	0.0
	80	40	13.19	0	0.0
	80	80	13.22	0-1	0.0
	160	0	13.21		0.0
DFT-s-OFDM 16QAM	1	1	13.20	0-1	0.0
CP-OFDM QPSK	1	1	13.40	0-1.5	0.0

Note: NR Band n66 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-137
NR Band n66 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.52	13.37	13.27	0	0.0
	1	53	13.41	13.20	13.16		0.0
	1	104	13.34	13.21	13.15		0.0
	50	0	13.44	13.25	13.17	0-0.5	0.0
	50	28	13.35	13.20	13.12	0	0.0
	50	56	13.36	13.15	13.07	0-0.5	0.0
	100	0	13.40	13.17	13.13		0.0
DFT-s-OFDM QPSK	1	1	13.47	13.41	13.31	0	0.0
	1	53	13.39	13.29	13.16		0.0
	1	104	13.37	13.30	13.20		0.0
	50	0	13.40	13.29	13.18	0-1	0.0
	50	28	13.41	13.22	13.14	0	0.0
	50	56	13.33	13.19	13.10	0-1	0.0
	100	0	13.38	13.21	13.13		0.0
DFT-s-OFDM 16QAM	1	1	13.22	13.08	13.02	0-1	0.0
CP-OFDM QPSK	1	1	13.40	13.32	13.21	0-1.5	0.0

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Table I-138
NR Band n66 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band n66							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.38	13.25	13.19	0	0.0
	1	40	13.35	13.14	13.04		0.0
	1	77	13.39	13.23	13.11		0.0
	36	0	13.37	13.21	13.12	0-0.5	0.0
	36	22	13.26	13.16	13.03	0	0.0
	36	43	13.38	13.15	13.02	0-0.5	0.0
75	0	13.40	13.19	13.08	0.0		
DFT-s-OFDM QPSK	1	1	13.44	13.30	13.12	0	0.0
	1	40	13.38	13.16	13.08		0.0
	1	77	13.34	13.26	13.10		0.0
	36	0	13.43	13.22	13.13	0	0.0
	36	22	13.32	13.16	13.05	0	0.0
	36	43	13.34	13.18	13.02	0	0.0
75	0	13.38	13.15	13.06	0.0		
DFT-s-OFDM 16QAM	1	1	13.41	13.24	13.12	0-1	0.0
CP-OFDM QPSK	1	1	13.37	13.18	13.11	0	0.0

Table I-139
NR Band n66 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.31	13.24	13.07	0	0.0
	1	26	13.27	13.21	13.12		0.0
	1	50	13.23	13.15	13.00		0.0
	25	0	13.28	13.18	13.01	0-0.5	0.0
	25	14	13.32	13.23	13.09	0	0.0
	25	27	13.27	13.12	13.02	0-0.5	0.0
	50	0	13.30	13.23	13.04		0.0
DFT-s-OFDM QPSK	1	1	13.34	13.24	13.12	0	0.0
	1	26	13.28	13.30	13.08		0.0
	1	50	13.22	13.14	13.04		0.0
	25	0	13.34	13.19	13.12	0-1	0.0
	25	14	13.36	13.22	13.07	0	0.0
	25	27	13.32	13.17	13.03	0-1	0.0
	50	0	13.31	13.20	13.11		0.0
DFT-s-OFDM 16QAM	1	1	13.30	13.22	13.16	0-1	0.0
CP-OFDM QPSK	1	1	13.25	13.16	12.96	0-1.5	0.0

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Table I-140
NR Band n66 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.30	13.21	13.13	0	0.0
	1	13	13.35	13.27	13.08		0.0
	1	23	13.40	13.20	13.15		0.0
	12	0	13.36	13.15	13.06	0-0.5	0.0
	12	7	13.32	13.18	13.09	0	0.0
	12	13	13.37	13.12	13.04	0-0.5	0.0
	25	0	13.29	13.19	13.01		0.0
DFT-s-OFDM QPSK	1	1	13.40	13.22	13.13	0	0.0
	1	13	13.39	13.24	13.10		0.0
	1	23	13.36	13.20	13.06		0.0
	12	0	13.35	13.18	13.11	0-1	0.0
	12	7	13.33	13.19	13.10	0	0.0
	12	13	13.29	13.22	13.08	0-1	0.0
	25	0	13.34	13.23	13.04		0.0
DFT-s-OFDM 16QAM	1	1	13.44	13.17	13.13	0-1	0.0
CP-OFDM QPSK	1	1	13.27	13.09	12.97	0-1.5	0.0

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NR Band n25

Table I-141
NR Band n25 Measured Plimit Antenna 1b - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.72	0	0.0
	1	80	10.60		0.0
	1	158	10.77		0.0
	80	0	10.65	0-0.5	0.0
	80	40	10.55	0	0.0
	80	80	10.54	0-0.5	0.0
	160	0	10.61		0.0
DFT-s-OFDM QPSK	1	1	10.71	0	0.0
	1	80	10.49		0.0
	1	158	10.65		0.0
	80	0	10.62	0-1	0.0
	80	40	10.57	0	0.0
	80	80	10.58	0-1	0.0
	160	0	10.60		0.0
DFT-s-OFDM 16QAM	1	1	10.75	0-1	0.0
CP-OFDM QPSK	1	1	10.73	0-1.5	0.0

Note: NR Band n25 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-142
NR Band n25 Measured Plimit Antenna 1b - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.72	0	0.0
	1	67	10.59		0.0
	1	131	10.68		0.0
	64	0	10.58	0-0.5	0.0
	64	35	10.53	0	0.0
	64	69	10.51	0-0.5	0.0
	128	0	10.55		0.0
DFT-s-OFDM QPSK	1	1	10.67	0	0.0
	1	67	10.56		0.0
	1	131	10.73		0.0
	64	0	10.59	0-1	0.0
	64	35	10.51	0	0.0
	64	69	10.49	0-1	0.0
	128	0	10.55		0.0
DFT-s-OFDM 16QAM	1	1	10.64	0-1	0.0
CP-OFDM QPSK	1	1	10.81	0-1.5	0.0

Note: NR Band n25 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-143
NR Band n25 Measured Plimit Antenna 1b - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.85	10.73	10.33	0	0.0
	1	53	10.77	10.68	10.52		0.0
	1	104	10.69	10.55	10.55		0.0
	50	0	10.75	10.61	10.46	0-0.5	0.0
	50	28	10.78	10.52	10.56	0	0.0
	50	56	10.67	10.49	10.51	0-0.5	0.0
100	0	10.77	10.56	10.52	0.0		
DFT-s-OFDM QPSK	1	1	10.74	10.64	10.61	0	0.0
	1	53	10.77	10.61	10.57		0.0
	1	104	10.64	10.46	10.54		0.0
	50	0	10.77	10.64	10.51	0-1	0.0
	50	28	10.75	10.59	10.55	0	0.0
	50	56	10.69	10.57	10.59	0-1	0.0
100	0	10.76	10.58	10.55	0.0		
DFT-s-OFDM 16QAM	1	1	10.91	10.73	10.65	0-1	0.0
CP-OFDM QPSK	1	1	10.86	10.71	10.35	0-1.5	0.0

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Table I-144
NR Band n25 Measured Plimit Antenna 1b - 15 MHz Bandwidth

NR Band n25							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.83	10.76	10.77	0	0.0
	1	40	10.85	10.68	10.72		0.0
	1	77	10.86	10.71	10.70		0.0
	36	0	10.79	10.76	10.64	0-0.5	0.0
	36	22	10.77	10.60	10.66	0	0.0
	36	43	10.75	10.59	10.58	0-0.5	0.0
75	0	10.79	10.65	10.61	0.0		
DFT-s-OFDM QPSK	1	1	10.82	10.71	10.68	0	0.0
	1	40	10.86	10.75	10.72		0.0
	1	77	10.81	10.73	10.66		0.0
	36	0	10.84	10.70	10.70	0	0.0
	36	22	10.77	10.67	10.67	0	0.0
	36	43	10.81	10.63	10.65	0	0.0
75	0	10.78	10.69	10.67	0.0		
DFT-s-OFDM 16QAM	1	1	10.91	10.80	10.74	0-1	0.0
CP-OFDM QPSK	1	1	10.91	10.82	10.73	0	0.0

Table I-145
NR Band n25 Measured Plimit Antenna 1b - 10 MHz Bandwidth

NR Band n25							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.76	10.72	10.67	0	0.0
	1	26	10.73	10.78	10.72		0.0
	1	50	10.64	10.68	10.61		0.0
	25	0	10.64	10.59	10.66	0-0.5	0.0
	25	14	10.58	10.55	10.54	0	0.0
	25	27	10.57	10.53	10.58	0-0.5	0.0
	50	0	10.63	10.53	10.58		0.0
DFT-s-OFDM QPSK	1	1	10.77	10.71	10.70	0	0.0
	1	26	10.67	10.68	10.61		0.0
	1	50	10.57	10.61	10.57		0.0
	25	0	10.60	10.54	10.56	0-1	0.0
	25	14	10.61	10.58	10.64	0	0.0
	25	27	10.61	10.63	10.65	0-1	0.0
	50	0	10.63	10.57	10.64		0.0
DFT-s-OFDM 16QAM	1	1	10.64	10.61	10.63	0-1	0.0
CP-OFDM QPSK	1	1	10.47	10.57	10.68	0-1.5	0.0

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Table I-146
NR Band n25 Measured Plimit Antenna 1b - 5 MHz Bandwidth

NR Band n25							
			5 MHz Bandwidth				
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.66	10.65	10.68	0	0.0
	1	13	10.78	10.72	10.72		0.0
	1	23	10.76	10.64	10.69		0.0
	12	0	10.68	10.63	10.61	0-0.5	0.0
	12	7	10.73	10.74	10.65	0	0.0
	12	13	10.74	10.72	10.68	0-0.5	0.0
25	0	10.68	10.62	10.61	0.0		
DFT-s-OFDM QPSK	1	1	10.68	10.62	10.67	0	0.0
	1	13	10.84	10.67	10.71		0.0
	1	23	10.76	10.66	10.67		0.0
	12	0	10.66	10.58	10.58	0-1	0.0
	12	7	10.72	10.65	10.63	0	0.0
	12	13	10.75	10.67	10.66	0-1	0.0
25	0	10.72	10.59	10.62	0.0		
DFT-s-OFDM 16QAM	1	1	10.64	10.61	10.62	0-1	0.0
CP-OFDM QPSK	1	1	10.55	10.67	10.69	0-1.5	0.0

Table I-147
NR Band n25 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.96	0	0.0
	1	80	12.82		0.0
	1	158	12.95		0.0
	80	0	12.92	0-0.5	0.0
	80	40	12.83	0	0.0
	80	80	12.87	0-0.5	0.0
	160	0	12.89		0.0
DFT-s-OFDM QPSK	1	1	12.98	0	0.0
	1	80	12.88		0.0
	1	158	12.98		0.0
	80	0	12.92	0-1	0.0
	80	40	12.86	0	0.0
	80	80	12.91	0-1	0.0
	160	0	12.91		0.0
DFT-s-OFDM 16QAM	1	1	12.75	0-1	0.0
CP-OFDM QPSK	1	1	12.81	0-1.5	0.0

Note: NR Band n25 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-148
NR Band n25 Measured Plimit Antenna 2 - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.90	0	0.0
	1	67	12.82		0.0
	1	131	12.98		0.0
	64	0	12.88	0-0.5	0.0
	64	35	12.83	0	0.0
	64	69	12.85	0-0.5	0.0
	128	0	12.86		0.0
DFT-s-OFDM QPSK	1	1	12.93	0	0.0
	1	67	12.85		0.0
	1	131	12.88		0.0
	64	0	12.91	0-1	0.0
	64	35	12.84	0	0.0
	64	69	12.83	0-1	0.0
	128	0	12.87		0.0
DFT-s-OFDM 16QAM	1	1	12.76	0-1	0.0
CP-OFDM QPSK	1	1	12.77	0-1.5	0.0

Note: NR Band n25 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-149
NR Band n25 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.90	12.91	12.82	0	0.0
	1	53	12.82	12.82	12.73		0.0
	1	104	12.78	12.70	12.65		0.0
	50	0	12.86	12.91	12.79	0-0.5	0.0
	50	28	12.85	12.81	12.75	0	0.0
	50	56	12.86	12.75	12.61	0-0.5	0.0
	100	0	12.76	12.84	12.73		0.0
DFT-s-OFDM QPSK	1	1	12.94	12.97	12.86	0	0.0
	1	53	12.85	12.88	12.77		0.0
	1	104	12.83	12.78	12.69		0.0
	50	0	12.87	12.87	12.79	0-1	0.0
	50	28	12.86	12.83	12.73	0	0.0
	50	56	12.84	12.75	12.64	0-1	0.0
	100	0	12.92	12.81	12.75		0.0
DFT-s-OFDM 16QAM	1	1	12.92	12.78	12.61	0-1	0.0
CP-OFDM QPSK	1	1	12.93	12.84	12.73	0-1.5	0.0

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Table I-150
NR Band n25 Measured Plimit Antenna 2 - 15 MHz Bandwidth

NR Band n25							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.80	12.73	12.75	0	0.0
	1	40	12.73	12.81	12.76		0.0
	1	77	12.78	12.76	12.81		0.0
	36	0	12.73	12.77	12.74	0-0.5	0.0
	36	22	12.68	12.72	12.66	0	0.0
	36	43	12.65	12.68	12.65	0-0.5	0.0
75	0	12.71	12.68	12.69	0.0		
DFT-s-OFDM QPSK	1	1	12.86	12.81	12.79	0	0.0
	1	40	12.81	12.69	12.77		0.0
	1	77	12.79	12.82	12.76		0.0
	36	0	12.83	12.77	12.83	0	0.0
	36	22	12.72	12.71	12.74	0	0.0
	36	43	12.75	12.75	12.81	0	0.0
75	0	12.79	12.72	12.80	0.0		
DFT-s-OFDM 16QAM	1	1	12.54	12.77	12.94	0-1	0.0
CP-OFDM QPSK	1	1	12.73	12.66	12.75	0	0.0

Table I-151
NR Band n25 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n25							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.83	12.73	12.78	0	0.0
	1	26	12.74	12.78	12.79		0.0
	1	50	12.78	12.70	12.82		0.0
	25	0	12.75	12.69	12.81	0-0.5	0.0
	25	14	12.80	12.76	12.79	0	0.0
	25	27	12.77	12.78	12.76	0-0.5	0.0
	50	0	12.76	12.76	12.78		0.0
DFT-s-OFDM QPSK	1	1	12.88	12.81	12.85	0	0.0
	1	26	12.78	12.91	12.91		0.0
	1	50	12.72	12.89	12.86		0.0
	25	0	12.73	12.67	12.79	0-1	0.0
	25	14	12.75	12.76	12.78	0	0.0
	25	27	12.79	12.80	12.76	0-1	0.0
	50	0	12.75	12.74	12.78		0.0
DFT-s-OFDM 16QAM	1	1	12.71	12.78	12.51	0-1	0.0
CP-OFDM QPSK	1	1	12.84	12.63	12.76	0-1.5	0.0

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Table I-152
NR Band n25 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.74	12.86	12.84	0	0.0
	1	13	12.71	12.77	12.81		0.0
	1	23	12.71	12.88	12.86		0.0
	12	0	12.58	12.77	12.69	0-0.5	0.0
	12	7	12.76	12.82	12.78	0	0.0
	12	13	12.70	12.82	12.85	0-0.5	0.0
25	0	12.68	12.73	12.75	0.0		
DFT-s-OFDM QPSK	1	1	12.62	12.65	12.78	0	0.0
	1	13	12.79	12.77	12.76		0.0
	1	23	12.70	12.74	12.72		0.0
	12	0	12.65	12.75	12.74	0-1	0.0
	12	7	12.65	12.75	12.81	0	0.0
	12	13	12.75	12.82	12.83	0-1	0.0
25	0	12.75	12.79	12.76	0.0		
DFT-s-OFDM 16QAM	1	1	12.57	12.81	12.84	0-1	0.0
CP-OFDM QPSK	1	1	12.69	12.75	12.73	0-1.5	0.0

Table I-153
NR Band n25 Measured Plimit Antenna 3b - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.02	0	0.0
	1	80	10.81		0.0
	1	158	10.97		0.0
	80	0	10.94	0-0.5	0.0
	80	40	10.92	0	0.0
	80	80	10.96		0.0
	160	0	10.96		0.0
DFT-s-OFDM QPSK	1	1	11.09	0	0.0
	1	80	10.97		0.0
	1	158	11.09		0.0
	80	0	10.97	0-1	0.0
	80	40	10.91	0	0.0
	80	80	10.98	0-1	0.0
	160	0	11.00		0.0
DFT-s-OFDM 16QAM	1	1	10.79	0-1	0.0
CP-OFDM QPSK	1	1	11.04	0-1.5	0.0

Note: NR Band n25 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-154
NR Band n25 Measured Plimit Antenna 3b - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.02	0	0.0
	1	67	10.88		0.0
	1	131	10.99		0.0
	64	0	10.92	0-0.5	0.0
	64	35	10.89	0	0.0
	64	69	10.89	0-0.5	0.0
	128	0	10.87		0.0
DFT-s-OFDM QPSK	1	1	11.05	0	0.0
	1	67	10.86		0.0
	1	131	11.02		0.0
	64	0	10.86	0-1	0.0
	64	35	10.90	0	0.0
	64	69	10.91	0-1	0.0
	128	0	10.90		0.0
DFT-s-OFDM 16QAM	1	1	10.87	0-1	0.0
CP-OFDM QPSK	1	1	10.90	0-1.5	0.0

Note: NR Band n25 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-155
NR Band n25 Measured Plimit Antenna 3b - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.95	10.97	10.90	0	0.0
	1	53	10.80	10.96	10.91		0.0
	1	104	10.78	10.95	10.77		0.0
	50	0	10.77	10.92	10.79	0-0.5	0.0
	50	28	10.83	10.90	10.82	0	0.0
	50	56	10.76	10.87	10.75	0-0.5	0.0
	100	0	10.79	10.91	10.74		0.0
DFT-s-OFDM QPSK	1	1	10.79	10.95	10.96	0	0.0
	1	53	10.82	10.99	10.94		0.0
	1	104	10.71	10.87	10.81		0.0
	50	0	10.79	10.94	10.83	0-1	0.0
	50	28	10.80	10.88	10.73	0	0.0
	50	56	10.76	10.87	10.73	0-1	0.0
	100	0	10.75	10.91	10.81		0.0
DFT-s-OFDM 16QAM	1	1	10.92	11.24	10.85	0-1	0.0
CP-OFDM OPSK	1	1	10.88	10.93	10.91	0-1.5	0.0

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Table I-156
NR Band n25 Measured Plimit Antenna 3b - 15 MHz Bandwidth

NR Band n25							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.94	11.00	11.05	0	0.0
	1	40	10.97	10.94	10.97		0.0
	1	77	10.93	10.98	10.99		0.0
	36	0	10.92	10.83	10.92	0-0.5	0.0
	36	22	10.89	10.80	10.94	0	0.0
	36	43	10.89	10.87	10.79	0-0.5	0.0
75	0	10.91	10.92	10.91	0.0		
DFT-s-OFDM QPSK	1	1	10.92	10.88	10.99	0	0.0
	1	40	10.91	10.97	10.96		0.0
	1	77	10.97	10.88	10.95		0.0
	36	0	10.89	10.81	10.92	0-1	0.0
	36	22	10.91	10.82	10.91	0	0.0
	36	43	10.86	10.79	10.96	0-1	0.0
75	0	10.89	10.92	10.88	0.0		
DFT-s-OFDM 16QAM	1	1	10.67	10.66	10.83	0-1	0.0
CP-OFDM QPSK	1	1	11.03	10.98	11.07	0-1.5	0.0

Table I-157
NR Band n25 Measured Plimit Antenna 3b - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.09	10.97	11.01	0	0.0
	1	26	11.11	10.97	10.96		0.0
	1	50	11.01	10.94	10.95		0.0
	25	0	11.02	10.91	10.90	0-0.5	0.0
	25	14	11.08	10.96	10.87	0	0.0
	25	27	11.07	10.97	10.89	0-0.5	0.0
	50	0	11.05	10.95	10.92		0.0
DFT-s-OFDM QPSK	1	1	11.07	10.96	10.90	0	0.0
	1	26	11.15	10.93	10.94		0.0
	1	50	11.06	10.96	10.93		0.0
	25	0	11.02	10.92	10.89	0-1	0.0
	25	14	11.05	10.95	10.94	0	0.0
	25	27	11.12	10.98	10.98	0-1	0.0
	50	0	11.12	10.93	10.94		0.0
DFT-s-OFDM 16QAM	1	1	11.22	11.04	11.11	0-1	0.0
CP-OFDM QPSK	1	1	11.18	11.11	11.14	0-1.5	0.0

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Table I-158
NR Band n25 Measured Plimit Antenna 3b - 5 MHz Bandwidth

NR Band n25							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.04	10.95	10.91	0	0.0
	1	13	11.10	10.93	11.02		0.0
	1	23	11.08	10.98	10.98		0.0
	12	0	10.99	10.85	10.77	0-0.5	0.0
	12	7	11.05	10.91	10.85	0	0.0
	12	13	11.10	10.98	10.87	0-0.5	0.0
25	0	10.99	10.88	10.85	0.0		
DFT-s-OFDM QPSK	1	1	11.03	10.87	10.83	0	0.0
	1	13	11.02	10.95	10.87		0.0
	1	23	11.04	11.01	10.86		0.0
	12	0	10.98	10.84	10.88	0-1	0.0
	12	7	11.02	10.96	10.84	0	0.0
	12	13	11.06	10.97	10.93	0-1	0.0
	25	0	11.04	10.91	10.90		0.0
DFT-s-OFDM 16QAM	1	1	10.87	10.69	10.91	0-1	0.0
CP-OFDM QPSK	1	1	10.89	10.81	10.80	0-1.5	0.0

Table I-159
NR Band n25 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.00	0	0.0
	1	80	12.75		0.0
	1	158	12.91		0.0
	80	0	12.74	0-0.5	0.0
	80	40	12.70	0	0.0
	80	80	12.81	0-0.5	0.0
	160	0	12.80		0.0
DFT-s-OFDM QPSK	1	1	13.11	0	0.0
	1	80	12.84		0.0
	1	158	13.05		0.0
	80	0	12.82	0-1	0.0
	80	40	12.76	0	0.0
	80	80	12.81	0-1	0.0
	160	0	12.80		0.0
DFT-s-OFDM 16QAM	1	1	12.75	0-1	0.0
CP-OFDM QPSK	1	1	13.01	0-1.5	0.0

Note: NR Band n25 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-160
NR Band n25 Measured Plimit Antenna 4 - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.04	0	0.0
	1	67	12.85		0.0
	1	131	12.99		0.0
	64	0	12.89	0-0.5	0.0
	64	35	12.87	0	0.0
	64	69	12.91	0-0.5	0.0
	128	0	12.85		0.0
DFT-s-OFDM QPSK	1	1	13.08	0	0.0
	1	67	12.97		0.0
	1	131	12.97		0.0
	64	0	12.89	0-1	0.0
	64	35	12.86	0	0.0
	64	69	12.89	0-1	0.0
	128	0	12.86		0.0
DFT-s-OFDM 16QAM	1	1	12.76	0-1	0.0
CP-OFDM QPSK	1	1	13.02	0-1.5	0.0

Note: NR Band n25 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-161
NR Band n25 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.87	12.80	12.81	0	0.0
	1	53	12.81	12.83	12.76		0.0
	1	104	12.76	12.74	12.74		0.0
	50	0	12.79	12.78	12.73	0-0.5	0.0
	50	28	12.75	12.74	12.72	0	0.0
	50	56	12.73	12.73	12.72	0-0.5	0.0
100	0	12.77	12.74	12.75	0.0		
DFT-s-OFDM QPSK	1	1	13.00	12.83	12.88	0	0.0
	1	53	12.93	12.89	12.93		0.0
	1	104	12.94	12.87	12.75		0.0
	50	0	12.76	12.77	12.78	0-1	0.0
	50	28	12.75	12.73	12.74	0	0.0
	50	56	12.75	12.73	12.64	0-1	0.0
100	0	12.72	12.67	12.71	0.0		
DFT-s-OFDM 16QAM	1	1	12.77	12.70	12.65	0-1	0.0
CP-OFDM QPSK	1	1	12.95	12.86	12.76	0-1.5	0.0

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Table I-162
NR Band n25 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.88	12.76	12.78	0	0.0
	1	40	12.82	12.84	12.81		0.0
	1	77	12.83	12.81	12.82		0.0
	36	0	12.78	12.69	12.77	0-0.5	0.0
	36	22	12.75	12.73	12.73	0	0.0
	36	43	12.70	12.68	12.71	0-0.5	0.0
75	0	12.73	12.65	12.74	0.0		
DFT-s-OFDM QPSK	1	1	12.97	12.91	12.85	0	0.0
	1	40	12.95	12.87	12.89		0.0
	1	77	12.91	12.93	12.90		0.0
	36	0	12.84	12.73	12.76	0	0.0
	36	22	12.76	12.71	12.74	0	0.0
	36	43	12.73	12.72	12.74	0	0.0
75	0	12.79	12.71	12.75	0.0		
DFT-s-OFDM 16QAM	1	1	12.68	12.64	12.65	0-1	0.0
CP-OFDM QPSK	1	1	12.92	12.80	12.82	0	0.0

Table I-163
NR Band n25 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.81	12.74	12.66	0	0.0
	1	26	12.84	12.81	12.80		0.0
	1	50	12.80	12.71	12.75		0.0
	25	0	12.71	12.69	12.7	0-0.5	0.0
	25	14	12.75	12.70	12.68	0	0.0
	25	27	12.72	12.66	12.71	0-0.5	0.0
	50	0	12.75	12.69	12.66		0.0
DFT-s-OFDM QPSK	1	1	12.89	12.80	12.81	0	0.0
	1	26	12.88	12.85	12.78		0.0
	1	50	12.90	12.82	12.82		0.0
	25	0	12.74	12.70	12.68	0-1	0.0
	25	14	12.77	12.67	12.66	0	0.0
	25	27	12.79	12.69	12.70	0-1	0.0
	50	0	12.77	12.67	12.68		0.0
DFT-s-OFDM 16QAM	1	1	12.64	12.66	12.71	0-1	0.0
CP-OFDM QPSK	1	1	12.91	12.81	12.73	0-1.5	0.0

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Table I-164
NR Band n25 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.76	12.74	12.73	0	0.0
	1	13	12.82	12.73	12.71		0.0
	1	23	12.78	12.75	12.79		0.0
	12	0	12.69	12.64	12.66	0-0.5	0.0
	12	7	12.74	12.73	12.75	0	0.0
	12	13	12.72	12.75	12.77	0-0.5	0.0
	25	0	12.70	12.66	12.72		0.0
DFT-s-OFDM QPSK	1	1	12.84	12.79	12.81	0	0.0
	1	13	12.85	12.82	12.86		0.0
	1	23	12.90	12.88	12.84		0.0
	12	0	12.72	12.70	12.71	0-1	0.0
	12	7	12.81	12.74	12.73	0	0.0
	12	13	12.78	12.71	12.68	0-1	0.0
	25	0	12.74	12.68	12.66		0.0
DFT-s-OFDM 16QAM	1	1	12.69	12.67	12.66	0-1	0.0
CP-OFDM QPSK	1	1	12.71	12.66	12.67	0-1.5	0.0

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NR Band n30

Table I-165
NR Band n30 Measured Plimit Antenna 1b - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.67	0	0.0
	1	13	11.55		0.0
	1	23	11.62		0.0
	12	0	11.52	0-0.5	0.0
	12	7	11.53	0	0.0
	12	13	11.51	0-0.5	0.0
	25	0	11.52		0.0
DFT-s-OFDM QPSK	1	1	11.51	0	0.0
	1	13	11.65		0.0
	1	23	11.70		0.0
	12	0	11.56	0-1	0.0
	12	7	11.55	0	0.0
	12	13	11.58	0-1	0.0
	25	0	11.52		0.0
DFT-s-OFDM 16QAM	1	1	11.51	0-1	0.0
CP-OFDM QPSK	1	1	11.50	0-1.5	0.0

Note: NR Band n30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-166
NR Band n30 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.12	0	0.0
	1	13	12.08		0.0
	1	23	12.08		0.0
	12	0	12.04	0-0.5	0.0
	12	7	12.10	0	0.0
	12	13	12.13	0-0.5	0.0
	25	0	12.15		0.0
DFT-s-OFDM QPSK	1	1	12.15	0	0.0
	1	13	12.14		0.0
	1	23	12.18		0.0
	12	0	12.18	0-1	0.0
	12	7	12.14	0	0.0
	12	13	12.19	0-1	0.0
	25	0	12.15		0.0
DFT-s-OFDM 16QAM	1	1	11.94	0-1	0.0
CP-OFDM QPSK	1	1	12.15	0-1.5	0.0

Note: NR Band n30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-167
NR Band n30 Measured Plimit Antenna 3b - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.33	0	0.0
	1	13	13.41		0.0
	1	23	13.39		0.0
	12	0	13.35	0-0.5	0.0
	12	7	13.34	0	0.0
	12	13	13.36	0-0.5	0.0
	25	0	13.31		0.0
DFT-s-OFDM QPSK	1	1	13.33	0	0.0
	1	13	13.45		0.0
	1	23	13.47		0.0
	12	0	13.29	0-1	0.0
	12	7	13.31	0	0.0
	12	13	13.37	0-1	0.0
	25	0	13.31		0.0
DFT-s-OFDM 16QAM	1	1	13.25	0-1	0.0
CP-OFDM QPSK	1	1	13.22	0-1.5	0.0

Note: NR Band n30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-168
NR Band n30 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.15	0	0.0
	1	13	13.21		0.0
	1	23	13.27		0.0
	12	0	13.11	0-0.5	0.0
	12	7	13.13	0	0.0
	12	13	13.09	0-0.5	0.0
	25	0	13.11		0.0
DFT-s-OFDM QPSK	1	1	13.05	0	0.0
	1	13	13.10		0.0
	1	23	13.12		0.0
	12	0	13.10	0-1	0.0
	12	7	13.15	0	0.0
	12	13	13.12	0-1	0.0
	25	0	13.18		0.0
DFT-s-OFDM 16QAM	1	1	13.16	0-1	0.0
CP-OFDM QPSK	1	1	13.03	0-1.5	0.0

Note: NR Band n30 at 5 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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NR Band n7

Table I-169
NR Band n7 Measured Plimit Antenna 1b - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.13	0	0.0
	1	80	12.02		0.0
	1	158	12.11		0.0
	80	0	12.01	0-0.5	0.0
	80	40	12.03	0	0.0
	80	80	12.09	0-0.5	0.0
	160	0	12.08		0.0
DFT-s-OFDM QPSK	1	1	12.05	0	0.0
	1	80	11.99		0.0
	1	158	12.15		0.0
	80	0	12.06	0-1	0.0
	80	40	12.04	0	0.0
	80	80	12.10	0-1	0.0
	160	0	12.07		0.0
DFT-s-OFDM 16QAM	1	1	12.11	0-1	0.0
CP-OFDM QPSK	1	1	12.11	0-1.5	0.0

Note: NR Band n7 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-170
NR Band n7 Measured Plimit Antenna 1b - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.08	0	0.0
	1	67	12.09		0.0
	1	131	12.11		0.0
	64	0	12.12	0-0.5	0.0
	64	35	12.05	0	0.0
	64	69	12.09	0-0.5	0.0
	128	0	12.11		0.0
DFT-s-OFDM QPSK	1	1	12.05	0	0.0
	1	67	12.04		0.0
	1	131	12.06		0.0
	64	0	12.09	0-1	0.0
	64	35	12.08	0	0.0
	64	69	12.11	0-1	0.0
	128	0	12.05		0.0
DFT-s-OFDM 16QAM	1	1	12.22	0-1	0.0
CP-OFDM QPSK	1	1	12.19	0-1.5	0.0

Note: NR Band n7 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-171
NR Band n7 Measured Plimit Antenna 1b - 20 MHz Bandwidth

NR Band n7							
20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.82	11.92	11.91	0	0.0
	1	53	11.79	11.99	11.93		0.0
	1	104	11.82	11.92	12.01		0.0
	50	0	11.74	11.85	11.90	0-0.5	0.0
	50	28	11.77	11.87	11.86	0	0.0
	50	56	11.78	11.87	11.91	0-0.5	0.0
	100	0	11.80	11.89	11.89		0.0
DFT-s-OFDM QPSK	1	1	11.83	11.94	11.97	0	0.0
	1	53	11.81	12.03	12.02		0.0
	1	104	11.82	12.01	12.05		0.0
	50	0	11.85	11.89	11.87	0-1	0.0
	50	28	11.81	11.90	11.91	0	0.0
	50	56	11.82	11.89	11.92	0-1	0.0
	100	0	11.78	11.89	11.85		0.0
DFT-s-OFDM 16QAM	1	1	11.63	11.67	11.75	0-1	0.0
CP-OFDM QPSK	1	1	11.98	11.87	11.91	0-1.5	0.0

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Table I-172
NR Band n7 Measured Plimit Antenna 1b - 15 MHz Bandwidth

NR Band n7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.98	12.05	12.07	0	0.0
	1	40	11.95	12.01	12.13		0.0
	1	77	12.06	11.96	12.11		0.0
	36	0	11.92	11.98	12.10	0-0.5	0.0
	36	22	11.97	11.92	12.09	0	0.0
	36	43	11.97	11.99	12.02	0-0.5	0.0
75	0	11.95	11.99	12.08	0.0		
DFT-s-OFDM QPSK	1	1	11.99	12.02	12.01	0	0.0
	1	40	11.99	12.01	12.08		0.0
	1	77	11.95	11.93	12.12		0.0
	36	0	11.95	12.01	12.10	0-1	0.0
	36	22	11.92	11.98	12.08	0	0.0
	36	43	12.00	11.97	12.12	0-1	0.0
	75	0	11.98	12.03	12.08		0.0
DFT-s-OFDM 16QAM	1	1	11.96	11.95	12.01	0-1	0.0
CP-OFDM QPSK	1	1	12.04	12.06	12.11	0-1.5	0.0

Table I-173
NR Band n7 Measured Plimit Antenna 1b - 10 MHz Bandwidth

NR Band n7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.01	11.90	11.99	0	0.0
	1	26	11.89	11.96	12.02		0.0
	1	50	11.90	11.99	12.01		0.0
	25	0	11.92	12.04	11.98	0-0.5	0.0
	25	14	11.97	12.00	12.00	0	0.0
	25	27	11.92	12.03	12.02	0-0.5	0.0
	50	0	11.92	12.03	11.95		0.0
DFT-s-OFDM QPSK	1	1	11.93	12.01	12.03	0	0.0
	1	26	12.01	11.98	11.99		0.0
	1	50	11.97	12.02	12.07		0.0
	25	0	11.97	12.06	12.03	0-1	0.0
	25	14	11.96	12.02	11.97	0	0.0
	25	27	11.97	12.08	12.05	0-1	0.0
	50	0	11.94	12.04	12.02		0.0
DFT-s-OFDM 16QAM	1	1	11.87	11.91	11.84	0-1	0.0
CP-OFDM QPSK	1	1	12.11	12.07	12.16	0-1.5	0.0

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Table I-174
NR Band n7 Measured Plimit Antenna 1b - 5 MHz Bandwidth

NR Band n7								
			5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]	
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)			
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	12.05	12.01	12.10	0	0.0	
	1	13	12.02	12.07	12.08		0.0	
	1	23	12.02	12.04	12.09		0.0	
	12	0	12.06	12.05	12.06	0-0.5	0.0	
	12	7	12.05	12.11	12.06	0	0.0	
	12	13	12.11	12.12	12.09	0-0.5	0.0	
DFT-s-OFDM QPSK	25	0	11.98	12.07	12.14	0	0.0	
	1	1	12.03	12.06	12.02		0.0	
	1	13	12.02	12.09	12.13		0.0	
	1	23	11.99	12.12	12.12	0-1	0.0	
	12	0	11.97	12.06	12.14		0	0.0
	12	7	12.01	12.09	12.06		0	0.0
	12	13	12.04	12.11	12.09	0-1	0.0	
	25	0	12.02	12.11	12.07		0.0	
DFT-s-OFDM 16QAM	1	1	12.12	12.17	12.21	0-1	0.0	
CP-OFDM QPSK	1	1	12.02	12.03	12.03	0-1.5	0.0	

Table I-175
NR Band n7 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.99	0	0.0
	1	80	11.03		0.0
	1	158	10.95		0.0
	80	0	10.96	0-0.5	0.0
	80	40	11.01	0	0.0
	80	80	10.98	0-0.5	0.0
	160	0	10.99		0.0
DFT-s-OFDM QPSK	1	1	10.93	0	0.0
	1	80	10.90		0.0
	1	158	10.92		0.0
	80	0	10.95	0-1	0.0
	80	40	10.96	0	0.0
	80	80	10.94	0-1	0.0
	160	0	11.00		0.0
DFT-s-OFDM 16QAM	1	1	10.90	0-1	0.0
CP-OFDM QPSK	1	1	10.91	0-1.5	0.0

Note: NR Band n7 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-176
NR Band n7 Measured Plimit Antenna 2 - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.06	0	0.0
	1	67	11.09		0.0
	1	131	11.00		0.0
	64	0	11.03	0-0.5	0.0
	64	35	11.02	0	0.0
	64	69	10.99		0.0
	128	0	11.04		0.0
DFT-s-OFDM QPSK	1	1	11.10	0	0.0
	1	67	11.05		0.0
	1	131	11.02		0.0
	64	0	11.07	0-1	0.0
	64	35	11.02	0	0.0
	64	69	11.01		0.0
	128	0	11.04		0.0
DFT-s-OFDM 16QAM	1	1	10.92	0-1	0.0
CP-OFDM QPSK	1	1	11.02	0-1.5	0.0

Note: NR Band n7 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-177
NR Band n7 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.14	11.18	11.17	0	0.0
	1	53	11.13	11.23	11.18		0.0
	1	104	11.15	11.19	11.12		0.0
	50	0	11.08	11.16	11.12	0-0.5	0.0
	50	28	11.10	11.15	11.13	0	0.0
	50	56	11.14	11.16	11.16	0-0.5	0.0
	100	0	11.09	11.18	11.14		0.0
DFT-s-OFDM QPSK	1	1	11.06	11.12	11.20	0	0.0
	1	53	11.13	11.15	11.17		0.0
	1	104	11.08	11.23	11.21		0.0
	50	0	11.11	11.14	11.17	0-1	0.0
	50	28	11.12	11.16	11.16	0	0.0
	50	56	11.13	11.20	11.18	0-1	0.0
	100	0	11.05	11.15	11.20		0.0
DFT-s-OFDM 16QAM	1	1	11.13	11.21	11.18	0-1	0.0
CP-OFDM QPSK	1	1	11.14	11.09	11.11	0-1.5	0.0

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Table I-178
NR Band n7 Measured Plimit Antenna 2 - 15 MHz Bandwidth

NR Band n7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.15	11.22	11.23	0	0.0
	1	40	11.14	11.23	11.17		0.0
	1	77	11.19	11.16	11.20		0.0
	36	0	11.05	11.13	11.14	0-0.5	0.0
	36	22	11.06	11.06	11.10	0	0.0
	36	43	11.10	11.12	11.13	0-0.5	0.0
	75	0	11.12	11.16	11.17		0.0
DFT-s-OFDM QPSK	1	1	11.12	11.09	11.13	0	0.0
	1	40	11.07	11.10	11.15		0.0
	1	77	11.14	11.12	11.18		0.0
	36	0	11.13	11.09	11.16	0	0.0
	36	22	11.05	11.08	11.12	0	0.0
	36	43	11.09	11.15	11.18	0	0.0
	75	0	11.10	11.11	11.21		0.0
DFT-s-OFDM 16QAM	1	1	11.24	11.17	11.28	0-1	0.0
CP-OFDM QPSK	1	1	10.96	11.05	11.11	0	0.0

Table I-179
NR Band n7 Measured Plimit Antenna 2 - 10 MHz Bandwidth

NR Band n7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.05	11.02	10.96	0	0.0
	1	26	11.06	11.00	10.97		0.0
	1	50	10.94	10.92	10.96		0.0
	25	0	11.07	11.02	10.99	0-0.5	0.0
	25	14	11.01	11.06	10.98	0	0.0
	25	27	10.99	11.03	11.00	0-0.5	0.0
	50	0	11.04	11.00	10.97		0.0
DFT-s-OFDM QPSK	1	1	11.06	10.95	10.99	0	0.0
	1	26	11.02	11.05	11.00		0.0
	1	50	11.00	11.03	11.01		0.0
	25	0	11.05	11.08	10.98	0-1	0.0
	25	14	11.00	11.01	11.00	0	0.0
	25	27	10.99	11.03	11.05	0-1	0.0
	50	0	11.06	11.00	11.01		0.0
DFT-s-OFDM 16QAM	1	1	10.80	10.85	10.84	0-1	0.0
CP-OFDM QPSK	1	1	10.89	10.94	10.86	0-1.5	0.0

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Table I-180
NR Band n7 Measured Plimit Antenna 2 - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.00	11.05	11.04	0	0.0
	1	13	10.99	10.96	11.02		0.0
	1	23	11.01	10.94	11.06		0.0
	12	0	11.05	11.01	11.09	0-0.5	0.0
	12	7	11.03	11.00	11.06	0	0.0
	12	13	11.03	11.09	11.09	0-0.5	0.0
	25	0	11.08	11.04	11.05		0.0
DFT-s-OFDM QPSK	1	1	11.03	10.99	11.07	0	0.0
	1	13	11.00	10.98	11.10		0.0
	1	23	10.97	10.94	11.08		0.0
	12	0	11.02	11.07	11.08	0-1	0.0
	12	7	10.98	11.00	11.09	0	0.0
	12	13	11.00	11.05	10.99	0-1	0.0
	25	0	11.02	11.01	11.07		0.0
DFT-s-OFDM 16QAM	1	1	10.99	11.01	11.04	0-1	0.0
CP-OFDM QPSK	1	1	11.02	10.99	11.00	0-1.5	0.0

Table I-181
NR Band n7 Measured Plimit Antenna 3b - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			507000 (2535 MHz)			
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.27	0		0.0
	1	80	13.32			0.0
	1	158	13.31			0.0
	80	0	13.32	0-0.5		0.0
	80	40	13.25	0		0.0
	80	80	13.27	0-0.5		0.0
	160	0	13.34			0.0
DFT-s-OFDM QPSK	1	1	13.20	0		0.0
	1	80	13.35			0.0
	1	158	13.25			0.0
	80	0	13.33	0-1		0.0
	80	40	13.27	0		0.0
	80	80	13.28	0-1		0.0
	160	0	13.35			0.0
DFT-s-OFDM 16QAM	1	1	13.15	0-1		0.0
CP-OFDM QPSK	1	1	13.17	0-1.5		0.0

Note: NR Band n7 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-182
NR Band n7 Measured Plimit Antenna 3b - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.18	0	0.0
	1	67	13.25		0.0
	1	131	13.27		0.0
	64	0	13.29	0-0.5	0.0
	64	35	13.27	0	0.0
	64	69	13.26		0.0
	128	0	13.32		0.0
DFT-s-OFDM QPSK	1	1	13.21	0	0.0
	1	67	13.30		0.0
	1	131	13.28		0.0
	64	0	13.33	0-1	0.0
	64	35	13.29	0	0.0
	64	69	13.29		0.0
	128	0	13.29		0.0
DFT-s-OFDM 16QAM	1	1	13.11	0-1	0.0
CP-OFDM QPSK	1	1	13.25	0-1.5	0.0

Note: NR Band n7 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-183
NR Band n7 Measured Plimit Antenna 3b - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.24	13.27	13.22	0	0.0
	1	53	13.18	13.23	13.21		0.0
	1	104	13.23	13.24	13.22		0.0
	50	0	13.26	13.25	13.21	0-0.5	0.0
	50	28	13.27	13.23	13.20	0	0.0
	50	56	13.25	13.22	13.18	0-0.5	0.0
	100	0	13.28	13.25	13.25		0.0
DFT-s-OFDM QPSK	1	1	13.26	13.24	13.25	0	0.0
	1	53	13.18	13.28	13.21		0.0
	1	104	13.23	13.25	13.24		0.0
	50	0	13.20	13.21	13.22	0-1	0.0
	50	28	13.26	13.22	13.19	0	0.0
	50	56	13.25	13.24	13.22	0-1	0.0
	100	0	13.27	13.22	13.23		0.0
DFT-s-OFDM 16QAM	1	1	13.13	13.11	13.08	0-1	0.0
CP-OFDM QPSK	1	1	13.13	13.28	13.20	0-1.5	0.0

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Table I-184
NR Band n7 Measured Plimit Antenna 3b - 15 MHz Bandwidth

NR Band n7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.23	13.24	13.22	0	0.0
	1	40	13.12	13.25	13.18		0.0
	1	77	13.15	13.22	13.22		0.0
	36	0	13.16	13.23	13.18	0-0.5	0.0
	36	22	13.13	13.14	13.16	0	0.0
	36	43	13.13	13.20	13.20	0-0.5	0.0
	75	0	13.15	13.25	13.20		0.0
DFT-s-OFDM QPSK	1	1	13.27	13.32	13.25	0	0.0
	1	40	13.22	13.24	13.21		0.0
	1	77	13.16	13.18	13.22		0.0
	36	0	13.19	13.25	13.18	0-1	0.0
	36	22	13.18	13.25	13.18	0	0.0
	36	43	13.20	13.24	13.21	0-1	0.0
	75	0	13.16	13.25	13.23		0.0
DFT-s-OFDM 16QAM	1	1	13.19	13.12	13.16	0-1	0.0
CP-OFDM QPSK	1	1	13.15	13.32	13.17	0-1.5	0.0

Table I-185
NR Band n7 Measured Plimit Antenna 3b - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.12	13.22	13.05	0	0.0
	1	26	13.16	13.25	13.11		0.0
	1	50	13.12	13.19	13.07		0.0
	25	0	13.23	13.25	13.15	0-0.5	0.0
	25	14	13.22	13.32	13.15	0	0.0
	25	27	13.14	13.21	13.12	0-0.5	0.0
	50	0	13.21	13.25	13.12		0.0
DFT-s-OFDM QPSK	1	1	13.23	13.21	13.05	0	0.0
	1	26	13.11	13.20	13.02		0.0
	1	50	13.05	13.22	13.06		0.0
	25	0	13.14	13.25	13.09	0-1	0.0
	25	14	13.13	13.28	13.10	0	0.0
	25	27	13.06	13.24	13.11	0-1	0.0
	50	0	13.22	13.25	13.08		0.0
DFT-s-OFDM 16QAM	1	1	13.03	12.98	13.05	0-1	0.0
CP-OFDM QPSK	1	1	13.08	13.15	13.14	0-1.5	0.0

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Table I-186
NR Band n7 Measured Plimit Antenna 3b - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.24	13.15	13.12	0	0.0
	1	13	13.26	13.28	13.06		0.0
	1	23	13.15	13.21	13.07		0.0
	12	0	13.38	13.25	13.10	0-0.5	0.0
	12	7	13.28	13.23	13.12	0	0.0
	12	13	13.33	13.25	13.13	0-0.5	0.0
	25	0	13.33	13.23	13.12		0.0
DFT-s-OFDM QPSK	1	1	13.33	13.26	13.01	0	0.0
	1	13	13.27	13.29	13.11		0.0
	1	23	13.18	13.21	13.01		0.0
	12	0	13.34	13.26	13.14	0-1	0.0
	12	7	13.34	13.28	13.11	0	0.0
	12	13	13.31	13.24	13.10	0-1	0.0
	25	0	13.34	13.25	13.14		0.0
DFT-s-OFDM 16QAM	1	1	13.22	13.19	13.03	0-1	0.0
CP-OFDM QPSK	1	1	13.24	13.25	13.13	0-1.5	0.0

Table I-187
NR Band n7 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.78	0	0.0
	1	80	11.83		0.0
	1	158	11.77		0.0
	80	0	11.78	0-0.5	0.0
	80	40	11.83	0	0.0
	80	80	11.81	0-0.5	0.0
	160	0	11.80		0.0
DFT-s-OFDM QPSK	1	1	11.88	0	0.0
	1	80	11.93		0.0
	1	158	11.83		0.0
	80	0	11.82	0-1	0.0
	80	40	11.80	0	0.0
	80	80	11.86	0-1	0.0
	160	0	11.85		0.0
DFT-s-OFDM 16QAM	1	1	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.75	0-1.5	0.0

Note: NR Band n7 at 30 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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Table I-188
NR Band n7 Measured Plimit Antenna 4 - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.88	0	0.0
	1	67	11.92		0.0
	1	131	11.91		0.0
	64	0	11.82	0-0.5	0.0
	64	35	11.85	0	0.0
	64	69	11.91	0-0.5	0.0
	128	0	11.85		0.0
DFT-s-OFDM QPSK	1	1	11.86	0	0.0
	1	67	11.92		0.0
	1	131	11.91		0.0
	64	0	11.87	0-1	0.0
	64	35	11.85	0	0.0
	64	69	11.90	0-1	0.0
	128	0	11.83		0.0
DFT-s-OFDM 16QAM	1	1	11.91	0-1	0.0
CP-OFDM QPSK	1	1	11.76	0-1.5	0.0

Note: NR Band n7 at 25 MHz bandwidth does not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Table I-189
NR Band n7 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n7							
20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.70	11.79	11.81	0	0.0
	1	53	11.66	11.77	11.83		0.0
	1	104	11.71	11.80	11.73		0.0
	50	0	11.66	11.75	11.78	0-0.5	0.0
	50	28	11.66	11.79	11.77	0	0.0
	50	56	11.71	11.82	11.75	0-0.5	0.0
	100	0	11.67	11.78	11.77		0.0
DFT-s-OFDM QPSK	1	1	11.74	11.84	11.76	0	0.0
	1	53	11.75	11.83	11.81		0.0
	1	104	11.77	11.88	11.75		0.0
	50	0	11.65	11.77	11.78	0-1	0.0
	50	28	11.63	11.79	11.79	0	0.0
	50	56	11.67	11.81	11.80	0-1	0.0
	100	0	11.66	11.77	11.75		0.0
DFT-s-OFDM 16QAM	1	1	11.75	11.84	11.99	0-1	0.0
CP-OFDM QPSK	1	1	11.78	11.71	11.82	0-1.5	0.0

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Table I-190
NR Band n7 Measured Plimit Antenna 4 - 15 MHz Bandwidth

NR Band n7							
			15 MHz Bandwidth				
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.74	11.85	11.86	0	0.0
	1	40	11.76	11.83	11.88		0.0
	1	77	11.78	11.79	11.90		0.0
	36	0	11.73	11.79	11.77	0-0.5	0.0
	36	22	11.69	11.78	11.72	0	0.0
	36	43	11.71	11.74	11.71	0-0.5	0.0
75	0	11.68	11.83	11.72	0.0		
DFT-s-OFDM QPSK	1	1	11.78	11.82	11.79	0	0.0
	1	40	11.75	11.81	11.78		0.0
	1	77	11.65	11.78	11.72		0.0
	36	0	11.73	11.88	11.73	0-1	0.0
	36	22	11.76	11.80	11.76	0	0.0
	36	43	11.74	11.83	11.71	0-1	0.0
75	0	11.74	11.80	11.75	0.0		
DFT-s-OFDM 16QAM	1	1	11.71	11.99	11.60	0-1	0.0
CP-OFDM QPSK	1	1	11.73	11.89	11.77	0-1.5	0.0

Table I-191
NR Band n7 Measured Plimit Antenna 4 - 10 MHz Bandwidth

NR Band n7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.65	11.66	11.74	0	0.0
	1	26	11.71	11.77	11.72		0.0
	1	50	11.62	11.73	11.78		0.0
	25	0	11.70	11.75	11.78	0-0.5	0.0
	25	14	11.69	11.78	11.78	0	0.0
	25	27	11.63	11.73	11.76	0-0.5	0.0
	50	0	11.71	11.75	11.74		0.0
DFT-s-OFDM QPSK	1	1	11.69	11.74	11.72	0	0.0
	1	26	11.66	11.76	11.67		0.0
	1	50	11.61	11.72	11.73		0.0
	25	0	11.71	11.81	11.75	0-1	0.0
	25	14	11.72	11.75	11.79	0	0.0
	25	27	11.69	11.77	11.74	0-1	0.0
	50	0	11.66	11.78	11.77		0.0
DFT-s-OFDM 16QAM	1	1	11.65	11.75	11.61	0-1	0.0
CP-OFDM QPSK	1	1	11.71	11.85	11.72	0-1.5	0.0

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Table I-192
NR Band n7 Measured Plimit Antenna 4 - 5 MHz Bandwidth

NR Band n7							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.64	11.78	11.70	0	0.0
	1	13	11.72	11.85	11.71		0.0
	1	23	11.61	11.71	11.65		0.0
	12	0	11.69	11.73	11.72	0-0.5	0.0
	12	7	11.71	11.69	11.70	0	0.0
	12	13	11.68	11.74	11.76	0-0.5	0.0
25	0	11.66	11.76	11.74	0.0		
DFT-s-OFDM QPSK	1	1	11.72	11.84	11.74	0	0.0
	1	13	11.68	11.74	11.68		0.0
	1	23	11.72	11.75	11.73		0.0
	12	0	11.69	11.72	11.72	0-1	0.0
	12	7	11.72	11.76	11.75	0	0.0
	12	13	11.71	11.74	11.79	0-1	0.0
25	0	11.70	11.73	11.71	0.0		
DFT-s-OFDM 16QAM	1	1	11.67	11.84	11.77	0-1	0.0
CP-OFDM QPSK	1	1	11.73	11.78	11.76	0-1.5	0.0

I.2.8 NR Band n41 PC2

Table I-193
NR Band n41 PC2 Measured Plimit Antenna 1b - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.30	11.36	0	0.0
	1	123	11.22	11.22		0.0
	1	243	11.34	11.35		0.0
	120	0	11.19	11.19	0-0.5	0.0
	120	63	11.23	11.10	0	0.0
	120	125	11.20	11.25	0-0.5	0.0
	243	0	11.15	11.19		0.0
DFT-s-OFDM QPSK	1	1	11.29	11.20	0	0.0
	1	123	11.25	11.18		0.0
	1	243	11.15	11.28		0.0
	120	0	11.30	11.13	0-1	0.0
	120	63	11.24	11.19	0	0.0
	120	125	11.19	11.27	0-1	0.0
	243	0	11.16	11.19		0.0
DFT-s-OFDM 16QAM	1	1	11.34	11.39	0-1	0.0
CP-OFDM QPSK	1	1	11.30	11.35	0-1.5	0.0

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Table I-194
NR Band n41 PC2 Measured Plimit Antenna 1b - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.36	11.34	0	0.0
	1	109	11.24	11.23		0.0
	1	215	11.28	11.33		0.0
	108	0	11.21	11.16	0-0.5	0.0
	108	55	11.15	11.13	0	0.0
	108	109	11.19	11.22	0-0.5	0.0
	216	0	11.17	11.16		0.0
DFT-s-OFDM QPSK	1	1	11.24	11.28	0	0.0
	1	109	11.19	11.13		0.0
	1	215	11.19	11.26		0.0
	108	0	11.24	11.16	0-1	0.0
	108	55	11.17	11.17	0	0.0
	108	109	11.18	11.22	0-1	0.0
	216	0	11.18	11.18		0.0
DFT-s-OFDM 16QAM	1	1	11.38	11.37	0-1	0.0
CP-OFDM QPSK	1	1	11.26	11.31	0-1.5	0.0

Table I-195
NR Band n41 PC2 Measured Plimit Antenna 1b - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.30	11.27	11.24	0	0.0
	1	81	11.20	11.35	11.31		0.0
	1	160	11.15	11.29	11.36		0.0
	81	0	11.24	11.30	11.30	0-0.5	0.0
	81	41	11.15	11.36	11.28	0	0.0
	81	81	11.23	11.33	11.31	0-0.5	0.0
	162	0	11.21	11.36	11.34		0.0
DFT-s-OFDM QPSK	1	1	11.27	11.16	11.27	0	0.0
	1	81	11.15	11.30	11.29		0.0
	1	160	11.20	11.27	11.35		0.0
	81	0	11.28	11.33	11.30	0-1	0.0
	81	41	11.18	11.36	11.33	0	0.0
	81	81	11.26	11.33	11.37	0-1	0.0
	162	0	11.20	11.35	11.31		0.0
DFT-s-OFDM 16QAM	1	1	11.48	11.43	11.42	0-1	0.0
CP-OFDM QPSK	1	1	11.32	11.30	11.24	0-1.5	0.0

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Table I-196
NR Band n41 PC2 Measured Plimit Antenna 1b - 50 MHz Bandwidth

NR Band n41							
50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.22	11.36	11.37	0	0.0
	1	67	11.19	11.40	11.36		0.0
	1	131	11.32	11.38	11.38		0.0
	64	0	11.25	11.33	11.33	0-0.5	0.0
	64	35	11.18	11.38	11.30	0	0.0
	64	69	11.20	11.34	11.40	0-0.5	0.0
	128	0	11.24	11.39	11.35		0.0
DFT-s-OFDM QPSK	1	1	11.27	11.40	11.35	0	0.0
	1	67	11.24	11.37	11.36		0.0
	1	131	11.27	11.37	11.38		0.0
	64	0	11.28	11.35	11.30	0-1	0.0
	64	35	11.20	11.39	11.33	0	0.0
	64	69	11.25	11.36	11.38	0-1	0.0
	128	0	11.21	11.35	11.31		0.0
DFT-s-OFDM 16QAM	1	1	11.20	11.14	11.11	0-1	0.0
CP-OFDM QPSK	1	1	11.30	11.38	11.29	0-1.5	0.0

Table I-197
NR Band n41 PC2 Measured Plimit Antenna 1b - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.40	11.38	11.35	11.19	0	0.0
	1	53	11.34	11.31	11.19	11.12		0.0
	1	104	11.33	11.35	11.20	11.40		0.0
	50	0	11.35	11.35	11.29	11.22	0-0.5	0.0
	50	28	11.37	11.32	11.17	11.15	0	0.0
	50	56	11.32	11.34	11.22	11.24	0-0.5	0.0
	100	0	11.32	11.36	11.17	11.18		0.0
DFT-s-OFDM QPSK	1	1	11.40	11.41	11.37	11.17	0	0.0
	1	53	11.38	11.39	11.21	11.15		0.0
	1	104	11.35	11.37	11.20	11.40		0.0
	50	0	11.28	11.28	11.24	11.22	0-1	0.0
	50	28	11.24	11.22	11.19	11.15	0	0.0
	50	56	11.28	11.28	11.24	11.30	0-1	0.0
	100	0	11.32	11.30	11.21	11.20		0.0
DFT-s-OFDM 16QAM	1	1	11.17	11.21	11.13	11.12	0-1	0.0
CP-OFDM QPSK	1	1	11.37	11.30	11.37	11.13	0-1.5	0.0

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Table I-198
NR Band n41 PC2 Measured Plimit Antenna 1b - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.66	11.58	11.44	11.48	11.44	0	0.0
	1	39	11.53	11.60	11.48	11.38	11.33		0.0
	1	76	11.64	11.55	11.58	11.60	11.52		0.0
	36	0	11.55	11.50	11.40	11.48	11.27	0-0.5	0.0
	36	21	11.53	11.52	11.42	11.32	11.29	0	0.0
	36	42	11.58	11.45	11.55	11.48	11.37	0-0.5	0.0
	75	0	11.55	11.48	11.50	11.46	11.33	0.0	
DFT-s-OFDM QPSK	1	1	11.66	11.55	11.55	11.57	11.37	0	0.0
	1	39	11.52	11.54	11.45	11.38	11.24		0.0
	1	76	11.63	11.62	11.62	11.60	11.47		0.0
	36	0	11.56	11.54	11.45	11.45	11.30	0-1	0.0
	36	21	11.52	11.48	11.48	11.38	11.26	0	0.0
	36	42	11.55	11.52	11.55	11.45	11.42	0-1	0.0
	75	0	11.58	11.54	11.51	11.45	11.35	0.0	
DFT-s-OFDM 16QAM	1	1	11.83	11.62	11.60	11.42	11.52	0-1	0.0
CP-OFDM QPSK	1	1	11.70	11.60	11.50	11.40	11.45	0-1.5	0.0

Table I-199
NR Band n41 PC2 Measured Plimit Antenna 1b - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.67	11.52	11.38	11.33	11.27	0	0.0
	1	26	11.52	11.32	11.28	11.27	11.08		0.0
	1	49	11.51	11.40	11.48	11.30	11.28		0.0
	25	0	11.51	11.31	11.34	11.31	11.18	0-0.5	0.0
	25	13	11.52	11.32	11.38	11.28	11.22	0	0.0
	25	26	11.50	11.35	11.40	11.34	11.25	0-0.5	0.0
	50	0	11.48	11.37	11.41	11.32	11.18	0.0	
DFT-s-OFDM QPSK	1	1	11.55	11.50	11.48	11.38	11.30	0	0.0
	1	26	11.40	11.30	11.38	11.27	11.22		0.0
	1	49	11.47	11.40	11.50	11.33	11.32		0.0
	25	0	11.50	11.32	11.32	11.34	11.22	0-1	0.0
	25	13	11.48	11.30	11.34	11.30	11.21	0	0.0
	25	26	11.50	11.35	11.38	11.32	11.25	0-1	0.0
	50	0	11.52	11.36	11.35	11.31	11.22	0.0	
DFT-s-OFDM 16QAM	1	1	11.70	11.30	11.15	11.17	11.15	0-1	0.0
CP-OFDM QPSK	1	1	11.54	11.60	11.45	11.41	11.40	0-1.5	0.0

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Table I-200
NR Band n41 PC2 Measured Plimit Antenna 2 - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.18	11.12	0	0.0
	1	123	11.23	11.23		0.0
	1	243	11.26	11.20		0.0
	120	0	11.42	11.26	0-0.5	0.0
	120	63	11.28	11.23	0	0.0
	120	125	11.25	11.11	0-0.5	0.0
	243	0	11.29	11.22		0.0
DFT-s-OFDM QPSK	1	1	11.22	11.04	0	0.0
	1	123	11.28	11.25		0.0
	1	243	11.15	11.17		0.0
	120	0	11.43	11.23	0-1	0.0
	120	63	11.28	11.22	0	0.0
	120	125	11.23	11.14	0-1	0.0
	243	0	11.28	11.22		0.0
DFT-s-OFDM 16QAM	1	1	11.25	11.16	0-1	0.0
CP-OFDM QPSK	1	1	11.29	11.15	0-1.5	0.0

Table I-201
NR Band n41 PC2 Measured Plimit Antenna 2 - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.41	11.22	0	0.0
	1	109	11.54	11.18		0.0
	1	215	11.30	11.33		0.0
	108	0	11.44	11.30	0-0.5	0.0
	108	55	11.40	11.21	0	0.0
	108	109	11.35	11.26	0-0.5	0.0
	216	0	11.42	11.23		0.0
DFT-s-OFDM QPSK	1	1	11.29	11.23	0	0.0
	1	109	11.40	11.19		0.0
	1	215	11.28	11.26		0.0
	108	0	11.46	11.28	0-1	0.0
	108	55	11.42	11.16	0	0.0
	108	109	11.32	11.18	0-1	0.0
	216	0	11.40	11.18		0.0
DFT-s-OFDM 16QAM	1	1	11.31	11.23	0-1	0.0
CP-OFDM QPSK	1	1	11.33	11.20	0-1.5	0.0

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Table I-202
NR Band n41 PC2 Measured Plimit Antenna 2 - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.32	11.15	11.25	0	0.0
	1	81	11.30	11.36	11.27		0.0
	1	160	11.29	11.31	11.23		0.0
	81	0	11.31	11.24	11.28	0-0.5	0.0
	81	41	11.30	11.30	11.24	0	0.0
	81	81	11.15	11.32	11.23	0-0.5	0.0
	162	0	11.28	11.33	11.27		0.0
DFT-s-OFDM QPSK	1	1	11.23	11.11	11.31	0	0.0
	1	81	11.16	11.25	11.17		0.0
	1	160	11.24	11.28	11.19		0.0
	81	0	11.31	11.22	11.28	0-1	0.0
	81	41	11.23	11.30	11.26	0	0.0
	81	81	11.25	11.33	11.22	0-1	0.0
	162	0	11.28	11.32	11.25		0.0
DFT-s-OFDM 16QAM	1	1	11.56	11.40	11.48	0-1	0.0
CP-OFDM QPSK	1	1	11.38	11.31	11.32	0-1.5	0.0

Table I-203
NR Band n41 PC2 Measured Plimit Antenna 2 - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.33	11.15	11.29	0	0.0
	1	67	11.18	11.25	11.10		0.0
	1	131	11.28	11.21	11.24		0.0
	64	0	11.20	11.10	11.05	0-0.5	0.0
	64	35	11.17	11.19	11.06	0	0.0
	64	69	11.25	11.25	11.13	0-0.5	0.0
	128	0	11.14	11.22	11.14		0.0
DFT-s-OFDM QPSK	1	1	11.28	11.11	11.22	0	0.0
	1	67	11.21	11.14	11.08		0.0
	1	131	11.13	11.15	11.10		0.0
	64	0	11.21	11.13	11.06	0-1	0.0
	64	35	11.15	11.20	11.10	0	0.0
	64	69	11.25	11.21	11.18	0-1	0.0
	128	0	11.12	11.22	11.14		0.0
DFT-s-OFDM 16QAM	1	1	11.48	11.34	11.39	0-1	0.0
CP-OFDM QPSK	1	1	11.19	11.12	11.15	0-1.5	0.0

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Table I-204
NR Band n41 PC2 Measured Plimit Antenna 2 - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.37	11.29	11.15	11.20	0	0.0
	1	53	11.36	11.17	11.05	11.09		0.0
	1	104	11.40	11.25	11.18	11.33		0.0
	50	0	11.30	11.30	11.25	11.15	0-0.5	0.0
	50	28	11.32	11.21	11.14	11.08	0	0.0
	50	56	11.29	11.29	11.21	11.18	0-0.5	0.0
	100	0	11.35	11.25	11.28	11.09		0.0
DFT-s-OFDM QPSK	1	1	11.43	11.33	11.34	11.21	0	0.0
	1	53	11.36	11.18	11.11	11.07		0.0
	1	104	11.46	11.30	11.19	11.31		0.0
	50	0	11.34	11.27	11.25	11.18	0-1	0.0
	50	28	11.33	11.16	11.09	11.10	0	0.0
	50	56	11.31	11.29	11.21	11.18	0-1	0.0
	100	0	11.34	11.25	11.30	11.13		0.0
DFT-s-OFDM 16QAM	1	1	11.66	11.17	11.41	11.15	0-1	0.0
CP-OFDM QPSK	1	1	11.45	11.44	11.35	11.18	0-1.5	0.0

Table I-205
NR Band n41 PC2 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.37	11.40	11.39	11.22	11.11	0	0.0
	1	39	11.27	11.18	11.26	11.11	11.03		0.0
	1	76	11.30	11.29	11.35	11.33	11.25		0.0
	36	0	11.35	11.21	11.20	11.15	11.06	0-0.5	0.0
	36	21	11.33	11.18	11.19	11.04	11.07	0	0.0
	36	42	11.37	11.28	11.29	11.15	11.15	0-0.5	0.0
	75	0	11.32	11.22	11.26	11.21	11.14		0.0
DFT-s-OFDM QPSK	1	1	11.38	11.34	11.27	11.22	11.28	0	0.0
	1	39	11.32	11.22	11.16	11.07	11.15		0.0
	1	76	11.34	11.32	11.23	11.21	11.26		0.0
	36	0	11.35	11.21	11.17	11.14	11.07	0-1	0.0
	36	21	11.28	11.22	11.19	11.11	11.10	0	0.0
	36	42	11.35	11.30	11.24	11.12	11.18	0-1	0.0
	75	0	11.34	11.25	11.23	11.22	11.14		0.0
DFT-s-OFDM 16QAM	1	1	11.46	11.42	11.28	11.25	11.16	0-1	0.0
CP-OFDM QPSK	1	1	11.42	11.38	11.22	11.23	11.27	0-1.5	0.0

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Table I-206
NR Band n41 PC2 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.31	11.26	11.17	11.23	11.21	0	0.0
	1	26	11.21	11.11	11.08	11.17	11.01	0-0.5	0.0
	1	49	11.30	11.23	11.21	11.16	11.14		0.0
	25	0	11.25	11.14	11.10	11.17	11.03		0.0
	25	13	11.24	11.16	11.11	11.14	11.10	0	0.0
	25	26	11.21	11.06	11.13	11.15	11.14	0-0.5	0.0
	50	0	11.22	11.13	11.12	11.13	11.09		0.0
DFT-s-OFDM QPSK	1	1	11.28	11.20	11.12	11.14	11.19	0	0.0
	1	26	11.17	11.13	11.08	11.12	11.07		0.0
	1	49	11.22	11.10	11.13	11.09	11.11		0.0
	25	0	11.25	11.19	11.14	11.13	11.10	0-1	0.0
	25	13	11.27	11.16	11.20	11.18	11.13	0	0.0
	25	26	11.22	11.08	11.16	11.17	11.17	0-1	0.0
	50	0	11.23	11.12	11.13	11.18	11.10		0.0
DFT-s-OFDM 16QAM	1	1	11.41	11.24	11.26	11.09	11.12	0-1	0.0
CP-OFDM QPSK	1	1	11.26	11.21	11.19	11.13	11.16	0-1.5	0.0

Table I-207
NR Band n41 PC2 Measured Plimit Antenna 3b - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.49	13.26	0	0.0
	1	123	13.40	13.36		0.0
	1	243	13.23	13.28		0.0
	120	0	13.41	13.30	0-0.5	0.0
	120	63	13.34	13.31	0	0.0
	120	125	13.31	13.21	0-0.5	0.0
243	0	13.38	13.32	0.0		
DFT-s-OFDM QPSK	1	1	13.33	13.18	0	0.0
	1	123	13.36	13.29		0.0
	1	243	13.14	13.18		0.0
	120	0	13.42	13.30	0-1	0.0
	120	63	13.30	13.31	0	0.0
	120	125	13.28	13.23	0-1	0.0
243	0	13.36	13.32	0.0		
DFT-s-OFDM 16QAM	1	1	13.32	13.25	0-1	0.0
CP-OFDM QPSK	1	1	13.31	13.15	0-1.5	0.0

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Table I-208
NR Band n41 PC2 Measured Plimit Antenna 3b - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.57	13.33	0	0.0
	1	109	13.40	13.44		0.0
	1	215	13.37	13.35		0.0
	108	0	13.50	13.34	0-0.5	0.0
	108	55	13.35	13.34	0	0.0
	108	109	13.39	13.34	0-0.5	0.0
	216	0	13.41	13.37		0.0
DFT-s-OFDM QPSK	1	1	13.44	13.31	0	0.0
	1	109	13.34	13.30		0.0
	1	215	13.32	13.16		0.0
	108	0	13.46	13.37	0-1	0.0
	108	55	13.34	13.35	0	0.0
	108	109	13.36	13.36	0-1	0.0
	216	0	13.38	13.39		0.0
DFT-s-OFDM 16QAM	1	1	13.67	13.14	0-1	0.0
CP-OFDM QPSK	1	1	13.52	13.33	0-1.5	0.0

Table I-209
NR Band n41 PC2 Measured Plimit Antenna 3b - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.52	13.40	13.35	0	0.0
	1	81	13.41	13.39	13.24		0.0
	1	160	13.45	13.35	13.34		0.0
	81	0	13.39	13.42	13.25	0-0.5	0.0
	81	41	13.38	13.44	13.21	0	0.0
	81	81	13.41	13.37	13.20	0-0.5	0.0
162	0	13.45	13.35	13.24	0.0		
DFT-s-OFDM QPSK	1	1	13.45	13.32	13.29	0	0.0
	1	81	13.40	13.44	13.25		0.0
	1	160	13.45	13.34	13.29		0.0
	81	0	13.45	13.38	13.30	0-1	0.0
	81	41	13.38	13.45	13.23	0	0.0
	81	81	13.45	13.46	13.27	0-1	0.0
	162	0	13.41	13.37	13.29		0.0
DFT-s-OFDM 16QAM	1	1	13.22	13.15	13.10	0-1	0.0
CP-OFDM QPSK	1	1	13.50	13.31	13.35	0-1.5	0.0

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Table I-210
NR Band n41 PC2 Measured Plimit Antenna 3b - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.47	13.38	13.25	0	0.0
	1	67	13.27	13.29	13.17		0.0
	1	131	13.35	13.20	13.28		0.0
	64	0	13.30	13.28	13.09	0-0.5	0.0
	64	35	13.25	13.31	13.16	0	0.0
	64	69	13.21	13.27	13.13	0-0.5	0.0
128	0	13.25	13.34	13.15	0.0		
DFT-s-OFDM QPSK	1	1	13.45	13.41	13.28	0	0.0
	1	67	13.29	13.33	13.18		0.0
	1	131	13.41	13.21	13.25		0.0
	64	0	13.31	13.28	13.12	0-1	0.0
	64	35	13.25	13.31	13.17	0	0.0
	64	69	13.22	13.23	13.17	0-1	0.0
128	0	13.24	13.33	13.16	0.0		
DFT-s-OFDM 16QAM	1	1	13.16	13.09	13.03	0-1	0.0
CP-OFDM QPSK	1	1	13.51	13.48	13.35	0-1.5	0.0

Table I-211
NR Band n41 PC2 Measured Plimit Antenna 3b - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.45	13.39	13.42	13.35	0	0.0
	1	53	13.26	13.30	13.15	13.22		0.0
	1	104	13.40	13.42	13.28	13.29		0.0
	50	0	13.41	13.33	13.29	13.21	0-0.5	0.0
	50	28	13.35	13.24	13.23	13.21	0	0.0
	50	56	13.38	13.31	13.27	13.20	0-0.5	0.0
	100	0	13.39	13.29	13.33	13.24		0.0
DFT-s-OFDM QPSK	1	1	13.54	13.45	13.43	13.35	0	0.0
	1	53	13.36	13.24	13.48	13.31		0.0
	1	104	13.46	13.33	13.26	13.27		0.0
	50	0	13.45	13.32	13.34	13.21	0-1	0.0
	50	28	13.35	13.28	13.25	13.23	0	0.0
	50	56	13.36	13.34	13.27	13.19	0-1	0.0
	100	0	13.39	13.29	13.33	13.26		0.0
DFT-s-OFDM 16QAM	1	1	13.27	13.10	13.19	13.06	0-1	0.0
CP-OFDM QPSK	1	1	13.51	13.43	13.42	13.35	0-1.5	0.0

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Table I-212
NR Band n41 PC2 Measured Plimit Antenna 3b - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.56	13.48	13.37	13.36	13.33	0	0.0
	1	39	13.44	13.31	13.31	13.30	13.15		0.0
	1	76	13.57	13.45	13.48	13.39	13.38		0.0
	36	0	13.48	13.35	13.32	13.23	13.25	0-0.5	0.0
	36	21	13.44	13.28	13.30	13.25	13.18	0	0.0
	36	42	13.48	13.33	13.41	13.28	13.26	0-0.5	0.0
	75	0	13.46	13.33	13.35	13.32	13.18		0.0
DFT-s-OFDM QPSK	1	1	13.58	13.48	13.35	13.32	13.23	0	0.0
	1	39	13.41	13.28	13.33	13.25	13.16		0.0
	1	76	13.55	13.41	13.43	13.28	13.37		0.0
	36	0	13.51	13.37	13.28	13.31	13.25	0-1	0.0
	36	21	13.44	13.27	13.28	13.26	13.17	0	0.0
	36	42	13.45	13.32	13.38	13.21	13.23	0-1	0.0
	75	0	13.48	13.35	13.33	13.30	13.22		0.0
DFT-s-OFDM 16QAM	1	1	13.66	13.54	13.44	13.48	13.44	0-1	0.0
CP-OFDM QPSK	1	1	13.58	13.48	13.36	13.33	13.23	0-1.5	0.0

Table I-213
NR Band n41 PC2 Measured Plimit Antenna 3b - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	13.47	13.32	13.21	13.33	13.28	0	0.0
	1	26	13.36	13.22	13.20	13.24	13.25		0.0
	1	49	13.32	13.27	13.27	13.28	13.37		0.0
	25	0	13.35	13.24	13.22	13.22	13.24	0-0.5	0.0
	25	13	13.29	13.23	13.25	13.21	13.22	0	0.0
	25	26	13.28	13.20	13.24	13.22	13.24	0-0.5	0.0
	50	0	13.31	13.21	13.23	13.23	13.22		0.0
DFT-s-OFDM QPSK	1	1	13.36	13.28	13.21	13.20	13.12	0	0.0
	1	26	13.22	13.13	13.22	13.15	13.12		0.0
	1	49	13.25	13.23	13.28	13.23	13.21		0.0
	25	0	13.39	13.27	13.27	13.24	13.24	0-1	0.0
	25	13	13.33	13.24	13.31	13.22	13.24	0	0.0
	25	26	13.28	13.21	13.33	13.19	13.22	0-1	0.0
	50	0	13.33	13.24	13.30	13.22	13.26	0.0	
DFT-s-OFDM 16QAM	1	1	13.01	12.98	13.00	12.96	12.95	0-1	0.0
CP-OFDM QPSK	1	1	13.29	13.23	13.21	13.25	13.15	0-1.5	0.0

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Table I-214
NR Band n41 PC2 Measured Plimit Antenna 4 - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.10	11.17	0	0.0
	1	123	11.11	11.12		0.0
	1	243	11.06	11.23		0.0
	120	0	11.18	11.03	0-0.5	0.0
	120	63	11.03	11.00	0	0.0
	120	125	11.13	11.10	0-0.5	0.0
	243	0	11.16	11.00		0.0
DFT-s-OFDM QPSK	1	1	11.15	11.16	0	0.0
	1	123	11.05	11.02		0.0
	1	243	11.11	11.30		0.0
	120	0	11.21	11.07	0-1	0.0
	120	63	11.06	11.00	0	0.0
	120	125	11.16	11.14	0-1	0.0
	243	0	11.13	11.02		0.0
DFT-s-OFDM 16QAM	1	1	11.38	11.37	0-1	0.0
CP-OFDM QPSK	1	1	11.14	11.07	0-1.5	0.0

Table I-215
NR Band n41 PC2 Measured Plimit Antenna 4 - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.20	11.06	0	0.0
	1	109	11.10	11.09		0.0
	1	215	11.18	11.26		0.0
	108	0	11.11	11.02	0-0.5	0.0
	108	55	11.00	11.03	0	0.0
	108	109	11.01	11.08	0-0.5	0.0
	216	0	11.00	11.00		0.0
DFT-s-OFDM QPSK	1	1	11.24	11.06	0	0.0
	1	109	11.02	11.01		0.0
	1	215	11.13	11.23		0.0
	108	0	11.08	11.01	0-1	0.0
	108	55	11.01	11.00	0	0.0
	108	109	11.02	11.12	0-1	0.0
	216	0	11.02	11.00		0.0
DFT-s-OFDM 16QAM	1	1	11.20	11.01	0-1	0.0
CP-OFDM QPSK	1	1	11.15	11.08	0-1.5	0.0

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Table I-216
NR Band n41 PC2 Measured Plimit Antenna 4 - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.18	11.14	10.95	0	0.0
	1	81	11.12	11.30	11.28		0.0
	1	160	11.15	11.02	11.46		0.0
	81	0	11.16	11.24	11.00	0-0.5	0.0
	81	41	11.07	11.30	11.20	0	0.0
	81	81	11.04	11.15	11.30	0-0.5	0.0
162	0	11.12	11.25	11.13	0.0		
DFT-s-OFDM QPSK	1	1	11.12	11.09	10.86	0	0.0
	1	81	11.09	11.23	11.26		0.0
	1	160	11.11	11.05	11.40		0.0
	81	0	11.17	11.24	11.00	0-1	0.0
	81	41	11.08	11.30	11.22	0	0.0
	81	81	11.03	11.17	11.26	0-1	0.0
162	0	11.12	11.24	11.14	0.0		
DFT-s-OFDM 16QAM	1	1	11.22	11.28	11.08	0-1	0.0
CP-OFDM QPSK	1	1	11.30	11.07	10.97	0-1.5	0.0

Table I-217
NR Band n41 PC2 Measured Plimit Antenna 4 - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.21	11.34	11.04	0	0.0
	1	67	11.13	11.38	11.24		0.0
	1	131	11.12	11.20	11.45		0.0
	64	0	11.15	11.29	11.05	0-0.5	0.0
	64	35	11.07	11.36	11.14	0	0.0
	64	69	11.04	11.25	11.25	0-0.5	0.0
	128	0	11.09	11.32	11.15		0.0
DFT-s-OFDM QPSK	1	1	11.20	11.24	11.01	0	0.0
	1	67	11.08	11.26	11.15		0.0
	1	131	11.03	11.15	11.39		0.0
	64	0	11.21	11.33	11.04	0-1	0.0
	64	35	11.11	11.35	11.13	0	0.0
	64	69	11.05	11.24	11.28	0-1	0.0
	128	0	11.12	11.31	11.12		0.0
DFT-s-OFDM 16QAM	1	1	10.95	11.04	10.92	0-1	0.0
CP-OFDM QPSK	1	1	11.20	11.31	11.03	0-1.5	0.0

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Table I-218
NR Band n41 PC2 Measured Plimit Antenna 4 - 40 MHz Bandwidth

NR Band n41								
40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.39	11.06	11.44	11.17	0	0.0
	1	53	11.22	11.09	11.09	11.29		0.0
	1	104	11.20	11.43	11.04	11.45		0.0
	50	0	11.27	11.08	11.14	11.27	0-0.5	0.0
	50	28	11.23	11.14	11.07	11.16	0	0.0
	50	56	11.25	11.31	10.97	11.42	0-0.5	0.0
	100	0	11.26	11.19	11.10	11.21	0	0.0
DFT-s-OFDM QPSK	1	1	11.39	11.06	11.32	11.12	0	0.0
	1	53	11.20	11.11	11.02	11.24		0.0
	1	104	11.16	11.34	11.07	11.44		0.0
	50	0	11.30	11.09	11.17	11.27	0-1	0.0
	50	28	11.23	11.16	11.05	11.27	0	0.0
	50	56	11.19	11.30	10.97	11.35	0-1	0.0
	100	0	11.25	11.20	11.10	11.43	0	0.0
DFT-s-OFDM 16QAM	1	1	11.10	10.93	11.12	10.96	0-1	0.0
CP-OFDM QPSK	1	1	11.34	11.05	11.44	11.22	0-1.5	0.0

Table I-219
NR Band n41 PC2 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.16	11.37	11.40	11.41	11.40	0	0.0
	1	39	11.20	11.29	11.38	11.31	11.46		0.0
	1	76	11.15	11.37	11.42	11.37	11.45		0.0
	36	0	11.14	11.22	11.35	11.36	11.41	0-0.5	0.0
	36	21	11.17	11.20	11.34	11.28	11.42	0	0.0
	36	42	11.20	11.28	11.33	11.32	11.40	0-0.5	0.0
	75	0	11.19	11.25	11.40	11.28	11.43	0	0.0
DFT-s-OFDM QPSK	1	1	11.18	11.30	11.32	11.37	11.40	0	0.0
	1	39	11.19	11.22	11.44	11.24	11.43		0.0
	1	76	11.30	11.32	11.40	11.41	11.45		0.0
	36	0	11.21	11.21	11.34	11.35	11.39	0-1	0.0
	36	21	11.15	11.17	11.37	11.28	11.38	0	0.0
	36	42	11.25	11.23	11.38	11.35	11.40	0-1	0.0
	75	0	11.22	11.25	11.39	11.28	11.32	0	0.0
DFT-s-OFDM 16QAM	1	1	11.30	11.43	11.40	11.46	11.41	0-1	0.0
CP-OFDM QPSK	1	1	11.14	11.35	11.38	11.35	11.40	0-1.5	0.0

Table I-220
NR Band n41 PC2 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]	
			501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)			535998 (2679.99 MHz)
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	11.17	11.17	11.23	11.25	11.30	0	0.0
	1	26	11.21	11.14	11.21	11.12	11.18		0.0
	1	49	11.10	11.25	11.35	11.22	11.33		0.0
	25	0	11.16	11.05	11.23	11.16	11.24	0-0.5	0.0
	25	13	11.12	11.10	11.21	11.10	11.17	0	0.0
	25	26	11.21	11.14	11.27	11.14	11.24	0-0.5	0.0
	50	0	11.16	11.08	11.21	11.08	11.18	0	0.0
DFT-s-OFDM QPSK	1	1	11.14	11.12	11.20	11.19	11.26	0	0.0
	1	26	11.17	11.21	11.18	11.02	11.16		0.0
	1	49	11.21	11.17	11.29	11.14	11.28		0.0
	25	0	11.19	11.15	11.22	11.22	11.25	0-1	0.0
	25	13	11.13	11.11	11.19	11.07	11.20	0	0.0
	25	26	11.20	11.07	11.27	11.11	11.25	0-1	0.0
	50	0	11.19	11.10	11.25	11.10	11.22	0	0.0
DFT-s-OFDM 16QAM	1	1	11.24	11.34	11.30	11.34	11.40	0-1	0.0
CP-OFDM QPSK	1	1	11.08	11.14	11.18	11.14	11.32	0-1.5	0.0

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NR Band n77 DoD PC2

Table I-221

NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.25	0	0.0
	1	123	9.40		0.0
	1	243	9.42		0.0
	120	0	9.38	0-0.5	0.0
	120	63	9.38	0	0.0
	120	125	9.38	0-0.5	0.0
	243	0	9.37		0.0
DFT-s-OFDM QPSK	1	1	9.34	0	0.0
	1	123	9.50		0.0
	1	243	9.52		0.0
	120	0	9.44	0-1	0.0
	120	63	9.39	0	0.0
	120	125	9.43	0-1	0.0
	243	0	9.38		0.0
DFT-s-OFDM 16QAM	1	1	9.30	0-1	0.0
CP-OFDM QPSK	1	1	9.32	0-1.5	0.0

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Table I-222
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.52	0	0.0
	1	109	9.53		0.0
	1	215	9.59		0.0
	108	0	9.50	0-0.5	0.0
	108	55	9.49	0	0.0
	108	109	9.48	0-0.5	0.0
	216	0	9.47		0.0
DFT-s-OFDM QPSK	1	1	9.45	0	0.0
	1	109	9.56		0.0
	1	215	9.60		0.0
	108	0	9.50	0-1	0.0
	108	55	9.47	0	0.0
	108	109	9.50	0-1	0.0
	216	0	9.50		0.0
DFT-s-OFDM 16QAM	1	1	9.40	0-1	0.0
CP-OFDM QPSK	1	1	9.52	0-1.5	0.0

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Table I-223
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.19	0	0.0
	1	95	9.13		0.0
	1	187	9.21		0.0
	90	0	9.15	0-0.5	0.0
	90	50	9.20	0	0.0
	90	99	9.19	0-0.5	0.0
	180	0	9.13		0.0
DFT-s-OFDM QPSK	1	1	9.26	0	0.0
	1	95	9.24		0.0
	1	187	9.27		0.0
	90	0	9.20	0-1	0.0
	90	50	9.25	0	0.0
	90	99	9.22	0-1	0.0
	180	0	9.17		0.0
DFT-s-OFDM 16QAM	1	1	9.28	0-1	0.0
CP-OFDM QPSK	1	1	9.22	0-1.5	0.0

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Table I-224
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.33	0	0.0
	1	81	9.25		0.0
	1	160	9.38		0.0
	81	0	9.24	0-0.5	0.0
	81	41	9.27	0	0.0
	81	81	9.23	0-0.5	0.0
	162	0	9.25		0.0
DFT-s-OFDM QPSK	1	1	9.35	0	0.0
	1	81	9.34		0.0
	1	160	9.50		0.0
	81	0	9.29	0-1	0.0
	81	41	9.27	0	0.0
	81	81	9.28	0-1	0.0
	162	0	9.30		0.0
DFT-s-OFDM 16QAM	1	1	9.29	0-1	0.0
CP-OFDM QPSK	1	1	9.38	0-1.5	0.0

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Table I-225
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.20	9.39	0	0.0
	1	67	9.29	9.39		0.0
	1	131	9.30	9.45		0.0
	64	0	9.30	9.34	0-0.5	0.0
	64	35	9.34	9.41	0	0.0
	64	69	9.33	9.38	0-0.5	0.0
	128	0	9.36	9.37		0.0
DFT-s-OFDM QPSK	1	1	9.42	9.35	0	0.0
	1	67	9.39	9.42		0.0
	1	131	9.45	9.45		0.0
	64	0	9.40	9.34	0-1	0.0
	64	35	9.38	9.40	0	0.0
	64	69	9.35	9.40	0-1	0.0
	128	0	9.43	9.38		0.0
DFT-s-OFDM 16QAM	1	1	9.38	9.30	0-1	0.0
CP-OFDM QPSK	1	1	9.42	9.39	0-1.5	0.0

Table I-226
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.23	9.20	0	0.0
	1	53	9.15	9.28		0.0
	1	104	9.31	9.38		0.0
	50	0	9.16	9.25	0-0.5	0.0
	50	28	9.20	9.23	0	0.0
	50	56	9.26	9.31	0-0.5	0.0
	100	0	9.22	9.28		0.0
DFT-s-OFDM QPSK	1	1	9.27	9.26	0	0.0
	1	53	9.27	9.33		0.0
	1	104	9.40	9.43		0.0
	50	0	9.23	9.23	0-1	0.0
	50	28	9.19	9.22	0	0.0
	50	56	9.25	9.30	0-1	0.0
	100	0	9.22	9.23		0.0
DFT-s-OFDM 16QAM	1	1	9.21	9.10	0-1	0.0
CP-OFDM QPSK	1	1	9.27	9.28	0-1.5	0.0

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Table I-227
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.17	9.12	9.15	0	0.0
	1	39	9.12	9.04	9.13		0.0
	1	76	9.26	9.25	9.28		0.0
	36	0	9.14	9.08	9.16	0-0.5	0.0
	36	21	9.10	9.06	9.19	0	0.0
	36	42	9.20	9.14	9.19	0-0.5	0.0
	75	0	9.17	9.10	9.21		0.0
DFT-s-OFDM QPSK	1	1	9.26	9.19	9.24	0	0.0
	1	39	9.23	9.18	9.25		0.0
	1	76	9.30	9.29	9.37		0.0
	36	0	9.14	9.06	9.13	0-1	0.0
	36	21	9.11	9.09	9.22	0	0.0
	36	42	9.23	9.14	9.21	0-1	0.0
	75	0	9.14	9.06	9.19		0.0
DFT-s-OFDM 16QAM	1	1	9.19	9.08	9.02	0-1	0.0
CP-OFDM QPSK	1	1	9.29	9.16	9.20	0-1.5	0.0

Table I-228
NR Band n77 DoD PC2 Measured Plimit Antenna 1a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.37	9.20	9.23	0	0.0
	1	26	9.24	9.14	9.20		0.0
	1	49	9.29	9.14	9.25		0.0
	25	0	9.28	9.11	9.26	0-0.5	0.0
	25	13	9.20	9.10	9.20	0	0.0
	25	26	9.25	9.12	9.18	0-0.5	0.0
	50	0	9.25	9.11	9.25		0.0
DFT-s-OFDM QPSK	1	1	9.38	9.23	9.40	0	0.0
	1	26	9.29	9.17	9.25		0.0
	1	49	9.32	9.15	9.30		0.0
	25	0	9.25	9.12	9.24	0-1	0.0
	25	13	9.22	9.08	9.23	0	0.0
	25	26	9.24	9.05	9.25	0-1	0.0
	50	0	9.29	9.11	9.23		0.0
DFT-s-OFDM 16QAM	1	1	9.25	9.19	9.20	0-1	0.0
CP-OFDM QPSK	1	1	9.34	9.27	9.32	0-1.5	0.0

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Table I-229
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.54	0	0.0
	1	123	10.72		0.0
	1	243	10.46		0.0
	120	0	10.62	0-0.5	0.0
	120	63	10.66	0	0.0
	120	125	10.51	0-0.5	0.0
	243	0	10.59		0.0
DFT-s-OFDM QPSK	1	1	10.51	0	0.0
	1	123	10.68		0.0
	1	243	10.44		0.0
	120	0	10.60	0-1	0.0
	120	63	10.65	0	0.0
	120	125	10.52	0-1	0.0
	243	0	10.56		0.0
DFT-s-OFDM 16QAM	1	1	10.57	0-1	0.0
CP-OFDM QPSK	1	1	10.59	0-1.5	0.0

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Table I-230
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.54	0	0.0
	1	109	10.74		0.0
	1	215	10.39		0.0
	108	0	10.61	0-0.5	0.0
	108	55	10.69	0	0.0
	108	109	10.54	0-0.5	0.0
	216	0	10.53		0.0
DFT-s-OFDM QPSK	1	1	10.51	0	0.0
	1	109	10.70		0.0
	1	215	10.37		0.0
	108	0	10.62	0-1	0.0
	108	55	10.68	0	0.0
	108	109	10.52	0-1	0.0
	216	0	10.51		0.0
DFT-s-OFDM 16QAM	1	1	10.58	0-1	0.0
CP-OFDM QPSK	1	1	10.55	0-1.5	0.0

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Table I-231
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.93	0	0.0
	1	95	11.07		0.0
	1	187	11.00		0.0
	90	0	10.90	0-0.5	0.0
	90	50	11.00	0	0.0
	90	99	10.95	0-0.5	0.0
	180	0	10.94		0.0
DFT-s-OFDM QPSK	1	1	10.97	0	0.0
	1	95	11.02		0.0
	1	187	11.08		0.0
	90	0	10.97	0-1	0.0
	90	50	11.00	0	0.0
	90	99	11.04	0-1	0.0
	180	0	11.01		0.0
DFT-s-OFDM 16QAM	1	1	11.07	0-1	0.0
CP-OFDM QPSK	1	1	10.91	0-1.5	0.0

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Table I-232
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.52	0	0.0
	1	81	10.72		0.0
	1	160	10.43		0.0
	81	0	10.61	0-0.5	0.0
	81	41	10.63	0	0.0
	81	81	10.54	0-0.5	0.0
	162	0	10.60		0.0
DFT-s-OFDM QPSK	1	1	10.49	0	0.0
	1	81	10.68		0.0
	1	160	10.43		0.0
	81	0	10.62	0-1	0.0
	81	41	10.63	0	0.0
	81	81	10.55	0-1	0.0
	162	0	10.57		0.0
DFT-s-OFDM 16QAM	1	1	10.68	0-1	0.0
CP-OFDM QPSK	1	1	10.57	0-1.5	0.0

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Table I-233
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.56	10.61	0	0.0
	1	67	10.62	10.38		0.0
	1	131	10.74	10.50		0.0
	64	0	10.52	10.44	0-0.5	0.0
	64	35	10.57	10.41	0	0.0
	64	69	10.64	10.39	0-0.5	0.0
	128	0	10.58	10.41		0.0
DFT-s-OFDM QPSK	1	1	10.53	10.53	0	0.0
	1	67	10.56	10.39		0.0
	1	131	10.71	10.47		0.0
	64	0	10.51	10.43	0-1	0.0
	64	35	10.58	10.40	0	0.0
	64	69	10.67	10.35	0-1	0.0
	128	0	10.61	10.39		0.0
DFT-s-OFDM 16QAM	1	1	10.65	10.69	0-1	0.0
CP-OFDM QPSK	1	1	10.59	10.63	0-1.5	0.0

Table I-234
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.82	10.86	0	0.0
	1	53	10.72	10.78		0.0
	1	104	10.86	10.88		0.0
	50	0	10.75	10.82	0-0.5	0.0
	50	28	10.74	10.77	0	0.0
	50	56	10.81	10.83	0-0.5	0.0
	100	0	10.70	10.76		0.0
DFT-s-OFDM QPSK	1	1	10.79	10.87	0	0.0
	1	53	10.82	10.81		0.0
	1	104	10.95	10.95		0.0
	50	0	10.70	10.77	0-1	0.0
	50	28	10.76	10.80	0	0.0
	50	56	10.84	10.82	0-1	0.0
	100	0	10.81	10.79		0.0
DFT-s-OFDM 16QAM	1	1	10.96	10.95	0-1	0.0
CP-OFDM QPSK	1	1	10.86	10.80	0-1.5	0.0

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Table I-235
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.83	10.88	10.87	0	0.0
	1	39	10.85	10.85	10.87		0.0
	1	76	10.88	10.93	10.90		0.0
	36	0	10.86	10.84	10.87	0-0.5	0.0
	36	21	10.82	10.85	10.86	0	0.0
	36	42	10.89	10.87	10.89	0-0.5	0.0
	75	0	10.86	10.84	10.89		0.0
DFT-s-OFDM QPSK	1	1	10.90	10.86	10.93	0	0.0
	1	39	10.85	10.92	10.89		0.0
	1	76	10.93	10.96	10.97		0.0
	36	0	10.81	10.78	10.89	0-1	0.0
	36	21	10.76	10.82	10.86	0	0.0
	36	42	10.84	10.91	10.85	0-1	0.0
	75	0	10.75	10.85	10.89		0.0
DFT-s-OFDM 16QAM	1	1	10.97	10.92	10.99	0-1	0.0
CP-OFDM QPSK	1	1	10.80	10.81	10.75	0-1.5	0.0

Table I-236
NR Band n77 DoD PC2 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
			630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.87	10.89	10.84	0	0.0
	1	26	10.85	10.84	10.79		0.0
	1	49	10.84	10.88	10.81		0.0
	25	0	10.88	10.86	10.75	0-0.5	0.0
	25	13	10.82	10.83	10.73	0	0.0
	25	26	10.85	10.87	10.72	0-0.5	0.0
	50	0	10.86	10.81	10.76		0.0
DFT-s-OFDM QPSK	1	1	10.94	10.93	10.91	0	0.0
	1	26	10.87	10.89	10.87		0.0
	1	49	10.86	10.91	10.80		0.0
	25	0	10.88	10.87	10.74	0-1	0.0
	25	13	10.78	10.82	10.71	0	0.0
	25	26	10.76	10.81	10.75	0-1	0.0
	50	0	10.83	10.84	10.78		0.0
DFT-s-OFDM 16QAM	1	1	11.02	10.99	11.00	0-1	0.0
CP-OFDM QPSK	1	1	10.93	10.86	10.80	0-1.5	0.0

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Table I-237
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.81	0	0.0
	1	123	9.84		0.0
	1	243	9.91		0.0
	120	0	9.87	0-0.5	0.0
	120	63	9.93	0	0.0
	120	125	9.89	0-0.5	0.0
	243	0	9.85		0.0
DFT-s-OFDM QPSK	1	1	9.92	0	0.0
	1	123	9.96		0.0
	1	243	9.88		0.0
	120	0	9.89	0-1	0.0
	120	63	9.91	0	0.0
	120	125	9.96	0-1	0.0
	243	0	9.93		0.0
DFT-s-OFDM 16QAM	1	1	9.65	0-1	0.0
CP-OFDM QPSK	1	1	10.00	0-1.5	0.0

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Table I-238
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.92	0	0.0
	1	109	10.05		0.0
	1	215	9.93		0.0
	108	0	9.98	0-0.5	0.0
	108	55	10.02	0	0.0
	108	109	9.97	0-0.5	0.0
	216	0	9.97		0.0
DFT-s-OFDM QPSK	1	1	10.00	0	0.0
	1	109	10.06		0.0
	1	215	9.95		0.0
	108	0	10.00	0-1	0.0
	108	55	10.03	0	0.0
	108	109	10.01	0-1	0.0
	216	0	10.01		0.0
DFT-s-OFDM 16QAM	1	1	9.81	0-1	0.0
CP-OFDM QPSK	1	1	9.77	0-1.5	0.0

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Table I-239
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.58	0	0.0
	1	95	9.72		0.0
	1	187	9.70		0.0
	90	0	9.67	0-0.5	0.0
	90	50	9.66	0	0.0
	90	99	9.75	0-0.5	0.0
	180	0	9.72		0.0
DFT-s-OFDM QPSK	1	1	9.74	0	0.0
	1	95	9.77		0.0
	1	187	9.82		0.0
	90	0	9.68	0-1	0.0
	90	50	9.71	0	0.0
	90	99	9.77	0-1	0.0
	180	0	9.76		0.0
DFT-s-OFDM 16QAM	1	1	9.87	0-1	0.0
CP-OFDM QPSK	1	1	9.79	0-1.5	0.0

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Table I-240
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.85	0	0.0
	1	81	9.92		0.0
	1	160	10.01		0.0
	81	0	9.84	0-0.5	0.0
	81	41	9.92	0	0.0
	81	81	9.93	0-0.5	0.0
	162	0	9.91		0.0
DFT-s-OFDM QPSK	1	1	9.82	0	0.0
	1	81	9.88		0.0
	1	160	10.02		0.0
	81	0	9.88	0-1	0.0
	81	41	9.94	0	0.0
	81	81	9.97	0-1	0.0
	162	0	9.92		0.0
DFT-s-OFDM 16QAM	1	1	9.98	0-1	0.0
CP-OFDM QPSK	1	1	9.90	0-1.5	0.0

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Table I-241
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.17	10.03	0	0.0
	1	67	10.18	10.10		0.0
	1	131	10.22	10.01		0.0
	64	0	10.12	10.03	0-0.5	0.0
	64	35	10.20	10.07	0	0.0
	64	69	10.15	10.15	0-0.5	0.0
	128	0	10.13	10.10		0.0
DFT-s-OFDM QPSK	1	1	10.13	10.08	0	0.0
	1	67	10.15	10.05		0.0
	1	131	10.20	10.15		0.0
	64	0	10.13	10.07	0-1	0.0
	64	35	10.14	10.15	0	0.0
	64	69	10.12	10.17	0-1	0.0
	128	0	10.13	10.14		0.0
DFT-s-OFDM 16QAM	1	1	9.92	9.66	0-1	0.0
CP-OFDM QPSK	1	1	10.14	9.92	0-1.5	0.0

Table I-242
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.30	10.17	0	0.0
	1	53	10.24	10.14		0.0
	1	104	10.35	10.33		0.0
	50	0	10.17	10.20	0-0.5	0.0
	50	28	10.18	10.20	0	0.0
	50	56	10.26	10.28	0-0.5	0.0
	100	0	10.24	10.26		0.0
DFT-s-OFDM QPSK	1	1	10.26	10.16	0	0.0
	1	53	10.20	10.18		0.0
	1	104	10.35	10.43		0.0
	50	0	10.19	10.15	0-1	0.0
	50	28	10.22	10.22	0	0.0
	50	56	10.24	10.28	0-1	0.0
	100	0	10.23	10.25		0.0
DFT-s-OFDM 16QAM	1	1	10.05	9.88	0-1	0.0
CP-OFDM QPSK	1	1	10.20	10.18	0-1.5	0.0

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Table I-243
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.27	10.24	10.28	0	0.0
	1	39	10.24	10.22	10.18		0.0
	1	76	10.32	10.30	10.19		0.0
	36	0	10.22	10.16	9.90	0-0.5	0.0
	36	21	10.21	10.18	9.86	0	0.0
	36	42	10.26	10.17	9.99	0-0.5	0.0
75	0	10.24	10.16	9.96	0.0		
DFT-s-OFDM QPSK	1	1	10.28	10.13	10.02	0	0.0
	1	39	10.22	10.14	10.06		0.0
	1	76	10.20	10.21	10.13		0.0
	36	0	10.15	10.12	9.87	0-1	0.0
	36	21	10.06	10.11	9.92	0	0.0
	36	42	10.15	10.16	9.97	0-1	0.0
75	0	10.15	10.17	9.94	0.0		
DFT-s-OFDM 16QAM	1	1	9.92	10.03	9.72	0-1	0.0
CP-OFDM QPSK	1	1	10.02	10.20	9.80	0-1.5	0.0

Table I-244
NR Band n77 DoD PC2 Measured Plimit Antenna 3a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.18	10.07	10.02	0	0.0
	1	26	10.02	9.96	9.92		0.0
	1	49	10.08	9.91	10.13		0.0
	25	0	10.08	9.95	9.95	0-0.5	0.0
	25	13	10.02	9.92	9.97	0	0.0
	25	26	10.06	9.95	9.95	0-0.5	0.0
50	0	10.02	9.92	10.00	0.0		
DFT-s-OFDM QPSK	1	1	10.14	10.10	10.12	0	0.0
	1	26	10.50	9.98	10.10		0.0
	1	49	10.07	10.08	10.00		0.0
	25	0	10.10	9.96	9.99	0-1	0.0
	25	13	10.04	9.90	10.02	0	0.0
	25	26	10.05	9.96	10.03	0-1	0.0
50	0	10.04	10.00	10.03	0.0		
DFT-s-OFDM 16QAM	1	1	9.99	9.68	9.90	0-1	0.0
CP-OFDM QPSK	1	1	10.00	10.06	10.03	0-1.5	0.0

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Table I-245
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.58	0	0.0
	1	123	10.64		0.0
	1	243	10.80		0.0
	120	0	10.59	0-0.5	0.0
	120	63	10.00	0	0.0
	120	125	10.70	0-0.5	0.0
	243	0	10.70		0.0
DFT-s-OFDM QPSK	1	1	10.53	0	0.0
	1	123	10.85		0.0
	1	243	10.84		0.0
	120	0	10.70	0-1	0.0
	120	63	10.82	0	0.0
	120	125	10.90	0-1	0.0
	243	0	10.81		0.0
DFT-s-OFDM 16QAM	1	1	10.55	0-1	0.0
CP-OFDM QPSK	1	1	10.60	0-1.5	0.0

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Table I-246
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.66	0	0.0
	1	109	10.64		0.0
	1	215	10.81		0.0
	108	0	10.59	0-0.5	0.0
	108	55	10.63	0	0.0
	108	109	10.73	0-0.5	0.0
	216	0	10.72		0.0
DFT-s-OFDM QPSK	1	1	10.72	0	0.0
	1	109	10.80		0.0
	1	215	10.80		0.0
	108	0	10.74	0-1	0.0
	108	55	10.77	0	0.0
	108	109	10.90	0-1	0.0
	216	0	10.79		0.0
DFT-s-OFDM 16QAM	1	1	10.82	0-1	0.0
CP-OFDM QPSK	1	1	10.70	0-1.5	0.0

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Table I-247
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.75	0	0.0
	1	95	10.64		0.0
	1	187	10.82		0.0
	90	0	10.59	0-0.5	0.0
	90	50	10.63	0	0.0
	90	99	10.73	0-0.5	0.0
	180	0	10.72		0.0
DFT-s-OFDM QPSK	1	1	10.87	0	0.0
	1	95	10.90		0.0
	1	187	10.88		0.0
	90	0	10.70	0-1	0.0
	90	50	10.80	0	0.0
	90	99	10.85	0-1	0.0
	180	0	10.83		0.0
DFT-s-OFDM 16QAM	1	1	10.79	0-1	0.0
CP-OFDM QPSK	1	1	10.72	0-1.5	0.0

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Table I-248
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.70	0	0.0
	1	81	10.64		0.0
	1	160	10.82		0.0
	81	0	10.59	0-0.5	0.0
	81	41	10.63	0	0.0
	81	81	10.73	0-0.5	0.0
	162	0	10.72		0.0
DFT-s-OFDM QPSK	1	1	10.70	0	0.0
	1	81	10.82		0.0
	1	160	10.88		0.0
	81	0	10.70	0-1	0.0
	81	41	10.80	0	0.0
	81	81	10.86	0-1	0.0
	162	0	10.76		0.0
DFT-s-OFDM 16QAM	1	1	10.82	0-1	0.0
CP-OFDM QPSK	1	1	10.67	0-1.5	0.0

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Table I-249
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631668 (3475.02 MHz)	635000 (3525 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.65	10.68	0	0.0
	1	67	10.70	10.82		0.0
	1	131	10.80	10.92		0.0
	64	0	10.70	10.76	0-0.5	0.0
	64	35	10.74	10.86	0	0.0
	64	69	10.74	10.85	0-0.5	0.0
	128	0	10.74	10.82		0.0
DFT-s-OFDM QPSK	1	1	10.78	10.75	0	0.0
	1	67	10.74	10.83		0.0
	1	131	10.78	11.00		0.0
	64	0	10.70	10.75	0-1	0.0
	64	35	10.76	10.81	0	0.0
	64	69	10.80	10.91	0-1	0.0
	128	0	10.80	10.81		0.0
DFT-s-OFDM 16QAM	1	1	10.88	10.77	0-1	0.0
CP-OFDM QPSK	1	1	10.82	10.65	0-1.5	0.0

Table I-250
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			631334 (3470.01 MHz)	635332 (3529.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.88	10.78	0	0.0
	1	53	10.81	10.88		0.0
	1	104	10.96	11.08		0.0
	50	0	10.79	10.85	0-0.5	0.0
	50	28	10.77	10.85	0	0.0
	50	56	10.88	10.92	0-0.5	0.0
	100	0	10.81	10.87		0.0
DFT-s-OFDM QPSK	1	1	10.87	10.82	0	0.0
	1	53	10.82	10.88		0.0
	1	104	10.99	11.10		0.0
	50	0	10.78	10.85	0-1	0.0
	50	28	10.79	10.86	0	0.0
	50	56	10.88	10.98	0-1	0.0
	100	0	10.82	10.92		0.0
DFT-s-OFDM 16QAM	1	1	10.92	10.95	0-1	0.0
CP-OFDM QPSK	1	1	10.75	10.88	0-1.5	0.0

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Table I-251
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	631000 (3465 MHz)	633334 (3500.01 MHz)	635666 (3534.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.88	10.75	10.72	0	0.0
	1	39	10.85	10.64	10.76		0.0
	1	76	10.91	10.82	10.99		0.0
	36	0	10.80	10.79	10.79	0-0.5	0.0
	36	21	10.82	10.63	10.80	0	0.0
	36	42	10.83	10.73	10.88	0-0.5	0.0
75	0	10.83	10.72	10.82	0.0		
DFT-s-OFDM QPSK	1	1	10.85	10.88	10.85	0	0.0
	1	39	10.77	10.81	10.84		0.0
	1	76	10.84	10.98	10.98		0.0
	36	0	10.70	10.71	10.75	0-1	0.0
	36	21	10.74	10.78	10.74	0	0.0
	36	42	10.80	10.83	10.87	0-1	0.0
75	0	10.78	10.80	10.84	0.0		
DFT-s-OFDM 16QAM	1	1	10.95	10.94	10.97	0-1	0.0
CP-OFDM QPSK	1	1	10.88	10.78	10.85	0-1.5	0.0

Table I-252
NR Band n77 DoD PC2 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	630668 (3460.02 MHz)	633334 (3500.01 MHz)	636000 (3540 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.50	10.60	10.60	0	0.0
	1	26	10.47	10.50	10.60		0.0
	1	49	10.45	10.54	10.68		0.0
	25	0	10.49	10.56	10.64	0-0.5	0.0
	25	13	10.62	10.56	10.57	0	0.0
	25	26	10.62	10.58	10.67	0-0.5	0.0
	50	0	10.60	10.55	10.66		0.0
DFT-s-OFDM QPSK	1	1	10.75	10.70	10.72	0	0.0
	1	26	10.65	10.62	10.70		0.0
	1	49	10.70	10.68	10.72		0.0
	25	0	10.68	10.55	10.62	0-1	0.0
	25	13	10.58	10.54	10.60	0	0.0
	25	26	10.64	10.57	10.62	0-1	0.0
	50	0	10.62	10.60	10.63		0.0
DFT-s-OFDM 16QAM	1	1	10.62	10.45	10.55	0-1	0.0
CP-OFDM QPSK	1	1	10.70	10.60	10.65	0-1.5	0.0

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NR Band n77 C PC2

Table I-253

NR Band n77 C PC2 Measured Plimit Antenna 1a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.65	9.94	9.80	0	0.0
	1	123	10.25	10.09	10.04		0.0
	1	243	10.16	10.10	10.20		0.0
	120	0	9.90	10.11	9.93	0-0.5	0.0
	120	63	10.09	10.05	9.97	0	0.0
	120	125	10.13	10.10	10.10	0-0.5	0.0
	243	0	10.03	10.05	10.00		0.0
DFT-s-OFDM QPSK	1	1	9.78	9.96	9.81	0	0.0
	1	123	10.26	10.10	9.96		0.0
	1	243	10.16	10.02	10.25		0.0
	120	0	9.87	10.12	9.95	0-1	0.0
	120	63	10.10	10.03	9.93	0	0.0
	120	125	10.14	10.12	10.09	0-1	0.0
	243	0	10.01	10.06	10.02		0.0
DFT-s-OFDM 16QAM	1	1	9.69	10.03	9.76	0-1	0.0
CP-OFDM QPSK	1	1	9.58	9.93	9.80	0-1.5	0.0

Table I-254

NR Band n77 C PC2 Measured Plimit Antenna 1a - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.71	10.10	9.85	0	0.0
	1	109	10.21	10.09	9.94		0.0
	1	215	10.08	9.98	10.27		0.0
	108	0	9.84	10.07	9.96	0-0.5	0.0
	108	55	10.02	10.01	10.01	0	0.0
	108	109	10.18	10.10	10.13	0-0.5	0.0
	216	0	9.93	10.04	10.07		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.04	9.89	0	0.0
	1	109	10.18	10.06	9.93		0.0
	1	215	10.24	10.07	10.24		0.0
	108	0	9.80	10.10	9.96	0-1	0.0
	108	55	10.04	10.02	9.97	0	0.0
	108	109	10.12	10.08	10.12	0-1	0.0
	216	0	9.95	10.02	10.00		0.0
DFT-s-OFDM 16QAM	1	1	9.70	10.05	9.76	0-1	0.0
CP-OFDM QPSK	1	1	9.66	10.01	9.85	0-1.5	0.0

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Table I-255
NR Band n77 C PC2 Measured Plimit Antenna 1a - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.65	10.02	10.00	10.04	0	0.0
	1	95	10.08	10.32	10.07	9.98		0.0
	1	187	10.16	10.29	10.07	10.25		0.0
	90	0	9.80	10.11	10.03	9.92	0-0.5	0.0
	90	50	10.05	10.23	10.02	10.04	0	0.0
	90	99	10.14	10.24	10.06	10.16	0-0.5	0.0
	180	0	9.92	10.24	10.05	10.06		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.02	9.97	10.03	0	0.0
	1	95	10.03	10.24	10.07	9.91		0.0
	1	187	10.19	10.17	10.10	10.25		0.0
	90	0	9.80	10.08	10.00	9.96	0-1	0.0
	90	50	10.01	10.27	10.04	9.98	0	0.0
	90	99	10.19	10.18	10.07	10.20	0-1	0.0
	180	0	9.95	10.19	10.05	10.02		0.0
DFT-s-OFDM 16QAM	1	1	9.73	10.15	10.01	10.11	0-1	0.0
CP-OFDM QPSK	1	1	9.70	9.98	10.00	9.90	0-1.5	0.0

Table I-256
NR Band n77 C PC2 Measured Plimit Antenna 1a - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.65	10.11	9.98	9.92	0	0.0
	1	81	10.01	10.30	10.13	10.01		0.0
	1	160	10.23	10.32	10.12	10.26		0.0
	81	0	9.81	10.14	9.99	9.90	0-0.5	0.0
	81	41	10.04	10.31	10.06	9.99	0	0.0
	81	81	10.15	10.29	10.04	10.17	0-0.5	0.0
	162	0	9.96	10.24	10.02	10.01		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.09	9.95	9.88	0	0.0
	1	81	10.03	10.27	10.06	10.02		0.0
	1	160	10.19	10.25	10.08	10.24		0.0
	81	0	9.80	10.14	10.00	9.94	0-1	0.0
	81	41	10.00	10.31	10.04	10.02	0	0.0
	81	81	10.14	10.30	10.08	10.12	0-1	0.0
	162	0	9.92	10.27	10.01	10.04		0.0
DFT-s-OFDM 16QAM	1	1	9.75	10.04	9.99	9.97	0-1	0.0
CP-OFDM QPSK	1	1	9.60	9.95	9.79	9.80	0-1.5	0.0

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Table I-257
NR Band n77 C PC2 Measured Plimit Antenna 1a - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
			648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.66	10.05	10.20	10.07	10.12	0	0.0
	1	67	10.00	10.28	10.26	10.11	10.15		0.0
	1	131	10.23	10.40	10.28	10.13	10.40		0.0
	64	0	9.80	10.20	10.26	10.10	10.04	0-0.5	0.0
	64	35	9.97	10.31	10.24	10.12	10.16	0	0.0
	64	69	10.11	10.39	10.18	10.09	10.40	0-0.5	0.0
	128	0	9.92	10.30	10.24	10.11	10.22		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.05	10.23	10.09	10.08	0	0.0
	1	67	10.02	10.28	10.20	10.07	10.18		0.0
	1	131	10.21	10.40	10.21	10.05	10.40		0.0
	64	0	9.80	10.22	10.27	10.10	10.01	0-1	0.0
	64	35	9.93	10.28	10.25	10.11	10.23	0	0.0
	64	69	10.13	10.38	10.18	10.10	10.38	0-1	0.0
	128	0	9.91	10.30	10.27	10.12	10.12		0.0
DFT-s-OFDM 16QAM	1	1	9.70	10.10	10.30	10.07	10.07	0-1	0.0
CP-OFDM QPSK	1	1	9.52	9.93	10.05	9.98	10.03	0-1.5	0.0

Table I-258
NR Band n77 C PC2 Measured Plimit Antenna 1a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	9.70	10.32	10.35	10.13	10.07	9.91	0	0.0
	1	53	9.87	10.12	10.37	10.17	10.05	10.12		0.0
	1	104	10.36	10.40	10.38	10.22	10.07	10.40		0.0
	50	0	9.80	10.12	10.40	10.05	9.95	10.03	0-0.5	0.0
	50	28	9.86	10.15	10.32	10.14	9.96	10.17	0	0.0
	50	56	10.04	10.29	10.40	10.15	10.00	10.29	0-0.5	0.0
	100	0	9.90	10.20	10.34	10.11	9.98	10.15		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.28	10.40	10.28	10.02	9.94	0	0.0
	1	53	9.85	10.16	10.34	10.08	9.91	10.06		0.0
	1	104	10.40	10.40	10.39	10.18	10.10	10.40		0.0
	50	0	9.80	10.10	10.36	10.11	9.98	10.00	0-1	0.0
	50	28	9.90	10.13	10.37	10.13	9.95	10.14	0	0.0
	50	56	10.06	10.30	10.35	10.12	10.06	10.28	0-1	0.0
	100	0	9.87	10.16	10.38	10.08	9.94	10.18		0.0
DFT-s-OFDM 16QAM	1	1	9.85	10.26	10.40	10.22	10.14	9.95	0-1	0.0
CP-OFDM QPSK	1	1	9.64	10.22	10.23	10.24	9.96	9.92	0-1.5	0.0

Table I-259
NR Band n77 C PC2 Measured Plimit Antenna 1a - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	9.78	10.19	10.39	10.25	10.09	10.22	0	0.0
	1	39	9.87	10.20	10.40	10.19	10.13	10.24		0.0
	1	76	10.12	10.40	10.39	10.21	10.15	10.40		0.0
	36	0	9.80	10.16	10.40	10.22	10.00	10.13	0-0.5	0.0
	36	21	9.84	10.17	10.40	10.17	10.10	10.23	0	0.0
	36	42	9.98	10.20	10.37	10.18	10.05	10.32	0-0.5	0.0
	75	0	9.84	10.17	10.39	10.22	10.05	10.27		0.0
DFT-s-OFDM QPSK	1	1	9.78	10.13	10.35	10.30	10.10	10.18	0	0.0
	1	39	9.89	10.19	10.37	10.19	10.13	10.28		0.0
	1	76	10.06	10.39	10.40	10.24	10.16	10.35		0.0
	36	0	9.80	10.17	10.39	10.18	10.04	10.21	0-1	0.0
	36	21	9.84	10.20	10.38	10.15	10.03	10.22	0	0.0
	36	42	9.98	10.28	10.37	10.17	10.09	10.32	0-1	0.0
	75	0	9.83	10.18	10.39	10.16	10.08	10.28		0.0
DFT-s-OFDM 16QAM	1	1	9.74	10.27	10.40	10.28	10.11	10.20	0-1	0.0
CP-OFDM QPSK	1	1	9.60	10.07	10.35	10.19	9.84	10.34	0-1.5	0.0

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Table I-260
NR Band n77 C PC2 Measured Plimit Antenna 1a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.80	10.10	10.40	10.18	9.98	10.17	0	0.0
	1	26	9.87	10.13	10.38	10.11	9.89	10.24	0	0.0
	1	49	9.96	10.30	10.40	10.21	9.96	10.28	0	0.0
	25	0	9.80	10.15	10.40	10.18	9.94	10.18	0-0.5	0.0
	25	13	9.78	10.01	10.34	10.07	9.93	10.23	0	0.0
	25	26	9.82	10.03	10.39	10.10	9.89	10.25	0-0.5	0.0
	50	0	9.80	10.10	10.38	10.17	9.96	10.15	0	0.0
DFT-s-OFDM QPSK	1	1	9.78	10.10	10.39	10.22	9.98	10.15	0	0.0
	1	26	9.75	10.09	10.36	10.16	9.90	10.19	0	0.0
	1	49	9.89	10.17	10.40	10.20	9.99	10.37	0	0.0
	25	0	9.80	10.08	10.39	10.14	10.01	10.17	0-1	0.0
	25	13	9.72	10.09	10.38	10.10	9.82	10.19	0	0.0
	25	26	9.76	10.17	10.40	10.15	9.81	10.30	0-1	0.0
	50	0	9.80	10.06	10.38	10.14	9.84	10.22	0	0.0
DFT-s-OFDM 16QAM	1	1	9.80	10.18	10.40	10.36	9.94	10.09	0-1	0.0
CP-OFDM QPSK	1	1	9.68	10.10	10.39	10.11	10.02	10.13	0-1.5	0.0

Table I-261
NR Band n77 C PC2 Measured Plimit Antenna 2 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.80	10.11	9.75	0	0.0
	1	123	10.34	9.87	9.96		0.0
	1	243	10.20	10.14	10.11		0.0
	120	0	10.01	10.05	9.91	0-0.5	0.0
	120	63	10.13	9.92	10.02	0	0.0
	120	125	10.23	10.04	10.08	0-0.5	0.0
	243	0	10.09	10.09	10.05		0.0
DFT-s-OFDM QPSK	1	1	9.80	10.04	9.73	0	0.0
	1	123	10.26	9.86	9.94		0.0
	1	243	10.29	10.09	10.11		0.0
	120	0	10.01	10.04	9.89	0-1	0.0
	120	63	10.13	9.93	10.03	0	0.0
	120	125	10.19	10.01	10.14	0-1	0.0
	243	0	10.09	10.08	10.09		0.0
DFT-s-OFDM 16QAM	1	1	9.78	10.24	10.02	0-1	0.0
CP-OFDM QPSK	1	1	9.70	10.02	9.77	0-1.5	0.0

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Table I-262
NR Band n77 C PC2 Measured Plimit Antenna 2 - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.66	9.94	9.70	0	0.0
	1	109	10.06	9.84	9.76		0.0
	1	215	10.05	9.91	10.11		0.0
	108	0	9.74	9.84	9.80	0-0.5	0.0
	108	55	9.91	9.77	9.86	0	0.0
	108	109	10.10	9.84	10.05	0-0.5	0.0
	216	0	9.87	9.84	9.89		0.0
DFT-s-OFDM QPSK	1	1	9.60	9.98	9.70	0	0.0
	1	109	10.02	9.71	9.80		0.0
	1	215	9.98	9.86	10.05		0.0
	108	0	9.78	9.85	9.75	0-1	0.0
	108	55	9.94	9.77	9.85	0	0.0
	108	109	10.09	9.80	10.02	0-1	0.0
	216	0	9.87	9.90	9.91		0.0
DFT-s-OFDM 16QAM	1	1	9.82	10.14	9.82	0-1	0.0
CP-OFDM QPSK	1	1	9.65	9.90	9.68	0-1.5	0.0

Table I-263
NR Band n77 C PC2 Measured Plimit Antenna 2 - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.69	10.01	9.68	9.69	0	0.0
	1	95	9.87	10.23	9.90	9.83		0.0
	1	187	10.02	9.88	9.89	10.11		0.0
	90	0	9.69	10.10	9.75	9.74	0-0.5	0.0
	90	50	9.85	10.16	9.87	9.86	0	0.0
	90	99	9.95	10.00	9.99	10.08	0-0.5	0.0
	180	0	9.85	10.14	9.79	9.87		0.0
DFT-s-OFDM QPSK	1	1	9.60	9.94	9.65	9.65	0	0.0
	1	95	9.82	10.18	9.90	9.80		0.0
	1	187	10.06	9.83	9.84	10.11		0.0
	90	0	9.74	10.14	9.76	9.75	0-1	0.0
	90	50	9.83	10.13	9.85	9.85	0	0.0
	90	99	9.95	10.04	9.95	10.04	0-1	0.0
	180	0	9.84	10.10	9.77	9.88		0.0
DFT-s-OFDM 16QAM	1	1	9.82	10.13	9.80	9.80	0-1	0.0
CP-OFDM QPSK	1	1	9.58	9.89	9.67	9.58	0-1.5	0.0

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Table I-264
NR Band n77 C PC2 Measured Plimit Antenna 2 - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.67	10.05	9.67	9.73	0	0.0
	1	81	9.86	10.20	9.89	9.92		0.0
	1	160	10.13	10.02	9.93	10.11		0.0
	81	0	9.78	10.14	9.75	9.71	0-0.5	0.0
	81	41	9.88	10.17	9.89	9.87	0	0.0
	81	81	9.91	10.08	9.97	10.06	0-0.5	0.0
	162	0	9.84	10.14	9.80	9.91		0.0
DFT-s-OFDM QPSK	1	1	9.64	10.08	9.68	9.64	0	0.0
	1	81	9.83	10.15	9.93	9.94		0.0
	1	160	10.01	10.00	9.92	10.11		0.0
	81	0	9.76	10.16	9.80	9.73	0-1	0.0
	81	41	9.83	10.19	9.87	9.87	0	0.0
	81	81	9.92	10.13	9.98	10.07	0-1	0.0
	162	0	9.85	10.12	9.86	9.86		0.0
DFT-s-OFDM 16QAM	1	1	9.80	10.14	9.78	9.81	0-1	0.0
CP-OFDM QPSK	1	1	9.64	9.81	9.69	9.55	0-1.5	0.0

Table I-265
NR Band n77 C PC2 Measured Plimit Antenna 2 - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	9.55	9.80	9.93	9.86	9.84	0	0.0
	1	67	9.77	10.22	9.80	9.74	9.98		0.0
	1	131	9.95	10.32	9.96	9.72	10.11		0.0
	64	0	9.68	10.03	9.96	9.85	9.85	0-0.5	0.0
	64	35	9.81	10.24	9.86	9.78	10.03	0	0.0
	64	69	9.84	10.30	9.83	9.69	10.08	0-0.5	0.0
	128	0	9.74	10.22	9.90	9.81	9.98		0.0
DFT-s-OFDM QPSK	1	1	9.60	9.87	9.94	9.72	9.78	0	0.0
	1	67	9.71	10.20	9.77	9.79	9.96		0.0
	1	131	9.88	10.33	9.96	9.70	10.11		0.0
	64	0	9.62	10.00	9.93	9.84	9.83	0-1	0.0
	64	35	9.74	10.25	9.87	9.80	10.04	0	0.0
	64	69	9.83	10.31	9.83	9.74	10.13	0-1	0.0
	128	0	9.76	10.16	9.89	9.77	9.98		0.0
DFT-s-OFDM 16QAM	1	1	9.78	10.01	10.08	9.94	9.94	0-1	0.0
CP-OFDM QPSK	1	1	9.59	9.80	10.11	9.79	9.85	0-1.5	0.0

Table I-266
NR Band n77 C PC2 Measured Plimit Antenna 2 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	9.82	10.14	9.67	9.82	9.72	10.02	0	0.0
	1	53	9.80	10.20	9.53	9.75	9.68	10.04		0.0
	1	104	10.20	10.34	9.58	9.87	9.85	10.09		0.0
	50	0	9.80	10.12	9.68	9.77	9.64	10.00	0-0.5	0.0
	50	28	9.86	10.19	9.68	9.72	9.55	10.06	0	0.0
	50	56	9.98	10.31	9.74	9.80	9.71	10.08	0	0.0
DFT-s-OFDM QPSK	100	0	9.82	10.21	9.80	9.76	9.62	10.05	0-0.5	0.0
	1	1	9.75	10.14	9.89	9.87	9.74	10.10		0.0
	1	53	9.82	10.13	9.82	9.79	9.66	10.13		0
	1	104	10.20	10.33	9.94	9.89	9.81	10.11	0.0	
	50	0	9.78	10.18	9.78	9.71	9.55	10.09	0-1	0.0
	50	28	9.84	10.16	9.74	9.74	9.55	10.11	0	0.0
	50	56	9.98	10.28	9.85	9.77	9.69	10.14	0	0.0
	100	0	9.87	10.18	9.79	9.73	9.61	10.13	0-1	0.0
DFT-s-OFDM 16QAM	1	1	9.89	10.20	10.03	9.88	9.85	10.02	0-1	0.0
CP-OFDM QPSK	1	1	9.76	10.10	9.96	9.75	9.67	10.04	0-1.5	0.0

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Table I-267
NR Band n77 C PC2 Measured Plimit Antenna 2 - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	9.76	10.15	10.17	9.94	9.71	10.07	0	0.0
	1	39	9.63	10.14	10.03	10.03	9.86	10.04		0.0
	1	76	9.81	10.37	10.07	10.14	9.99	10.11		0.0
	36	0	9.70	10.10	10.10	9.99	9.68	10.00	0-0.5	0.0
	36	21	9.66	10.13	10.07	10.00	9.79	10.06	0	0.0
	36	42	9.70	10.20	10.18	10.00	9.88	10.08	0-0.5	0.0
	75	0	9.70	10.15	10.06	9.97	9.80	10.05		0.0
DFT-s-OFDM QPSK	1	1	9.83	10.20	10.15	9.95	9.94	10.10	0	0.0
	1	39	9.66	10.27	10.12	10.08	9.89	10.14		0.0
	1	76	9.97	10.33	10.20	10.20	10.07	10.11		0.0
	36	0	9.69	10.13	10.12	9.95	9.71	10.13	0-1	0.0
	36	21	9.64	10.09	10.11	10.00	9.78	10.11	0	0.0
	36	42	9.73	10.21	10.19	10.03	9.89	10.14	0-1	0.0
	75	0	9.75	10.16	10.11	9.97	9.84	10.16		0.0
DFT-s-OFDM 16QAM	1	1	9.72	10.14	10.16	10.09	9.82	10.02	0-1	0.0
CP-OFDM QPSK	1	1	9.63	10.10	10.17	9.98	9.71	10.29	0-1.5	0.0

Table I-268
NR Band n77 C PC2 Measured Plimit Antenna 2 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	9.65	10.07	10.17	9.99	9.62	10.07	0	0.0
	1	26	9.58	10.02	10.03	9.81	9.60	10.04		0.0
	1	49	9.62	10.13	10.08	9.95	9.78	10.11		0.0
	25	0	9.66	10.10	10.18	9.94	9.60	10.00		0-0.5
	25	13	9.63	10.06	10.12	9.87	9.58	10.06	0	0.0
	25	26	9.65	10.15	10.14	9.92	9.71	10.08	0-0.5	0.0
	50	0	9.67	10.12	10.14	9.92	9.62	10.05	0	0.0
	1	1	9.84	10.15	10.20	9.97	9.70	10.09	0	0.0
DFT-s-OFDM QPSK	1	26	9.78	10.13	10.13	9.98	9.63	10.13	0	0.0
	1	49	9.72	10.20	10.27	10.01	9.82	10.11	0	0.0
	25	0	9.66	10.06	10.23	9.93	9.64	10.09	0-1	0.0
	25	13	9.69	10.04	10.16	9.87	9.54	10.10	0	0.0
	25	26	9.70	10.09	10.15	9.90	9.70	10.14	0	0.0
	50	0	9.68	10.12	10.16	9.88	9.65	10.15	0-1	0.0
DFT-s-OFDM 16QAM	1	1	10.05	10.25	10.37	9.93	9.78	10.00	0-1	0.0
CP-OFDM QPSK	1	1	9.71	10.20	10.24	9.91	9.62	10.22	0-1.5	0.0

Table I-269
NR Band n77 C PC2 Measured Plimit Antenna 3a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.25	10.05	10.26	0	0.0
	1	123	10.43	10.34	10.31		0.0
	1	243	10.24	10.35	10.38		0.0
	120	0	10.33	10.22	10.29	0-0.5	0.0
	120	63	10.42	10.36	10.28	0	0.0
	120	125	10.21	10.41	10.34	0-0.5	0.0
	243	0	10.43	10.40	10.32		0.0
DFT-s-OFDM QPSK	1	1	10.32	10.51	10.68	0	0.0
	1	123	10.51	10.42	10.68		0.0
	1	243	10.24	10.43	10.42		0.0
	120	0	10.42	10.65	10.41	0-1	0.0
	120	63	10.35	10.43	10.44	0	0.0
	120	125	10.20	10.47	10.48	0-1	0.0
	243	0	10.31	10.38	10.33		0.0
DFT-s-OFDM 16QAM	1	1	10.32	10.39	10.44	0-1	0.0
CP-OFDM QPSK	1	1	10.39	10.40	10.38	0-1.5	0.0

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Table I-270
NR Band n77 C PC2 Measured Plimit Antenna 3a - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.26	10.54	10.75	0	0.0
	1	109	10.43	10.60	10.72		0.0
	1	215	10.41	10.72	10.82		0.0
	108	0	10.33	10.70	10.72	0-0.5	0.0
	108	55	10.37	10.80	10.75	0	0.0
	108	109	10.35	10.78	10.77	0-0.5	0.0
	216	0	10.35	10.70	10.79		0.0
DFT-s-OFDM QPSK	1	1	10.32	10.51	10.70	0	0.0
	1	109	10.34	10.75	10.65		0.0
	1	215	10.40	10.69	10.82		0.0
	108	0	10.39	10.70	10.72	0-1	0.0
	108	55	10.38	10.75	10.77	0	0.0
	108	109	10.44	10.82	10.84	0-1	0.0
	216	0	10.38	10.72	10.77		0.0
DFT-s-OFDM 16QAM	1	1	10.47	10.72	10.90	0-1	0.0
CP-OFDM QPSK	1	1	10.41	10.53	10.87	0-1.5	0.0

Table I-271
NR Band n77 C PC2 Measured Plimit Antenna 3a - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.25	10.45	10.15	10.33	0	0.0
	1	95	10.43	10.75	10.23	10.48		0.0
	1	187	10.32	10.77	10.41	10.55		0.0
	90	0	10.45	10.63	10.16	10.51	0-0.5	0.0
	90	50	10.49	10.76	10.25	10.45	0	0.0
	90	99	10.46	10.84	10.43	10.57	0-0.5	0.0
	180	0	10.49	10.73	10.28	10.50		0.0
DFT-s-OFDM QPSK	1	1	10.45	10.59	10.24	10.51	0	0.0
	1	95	10.59	10.80	10.37	10.54		0.0
	1	187	10.50	10.85	10.51	10.69		0.0
	90	0	10.55	10.67	10.30	10.52	0-1	0.0
	90	50	10.57	10.79	10.38	10.64	0	0.0
	90	99	10.63	10.73	10.54	10.65	0-1	0.0
	180	0	10.54	10.56	10.46	10.63		0.0
DFT-s-OFDM 16QAM	1	1	10.44	10.50	10.65	10.69	0-1	0.0
CP-OFDM QPSK	1	1	10.37	10.57	10.44	10.55	0-1.5	0.0

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Table I-272
NR Band n77 C PC2 Measured Plimit Antenna 3a - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.25	10.69	10.55	10.60	0	0.0
	1	81	10.56	10.75	10.62	10.65		0.0
	1	160	10.86	10.74	10.67	10.80		0.0
	81	0	10.47	10.79	10.53	10.49	0-0.5	0.0
	81	41	10.61	10.80	10.55	10.54	0	0.0
	81	81	10.81	10.77	10.52	10.64	0-0.5	0.0
	162	0	10.67	10.75	10.51	10.57		0.0
DFT-s-OFDM QPSK	1	1	10.32	10.66	10.47	10.57	0	0.0
	1	81	10.61	10.85	10.57	10.61		0.0
	1	160	10.92	10.79	10.59	10.71		0.0
	81	0	10.51	10.79	10.53	10.51	0-1	0.0
	81	41	10.70	10.80	10.51	10.58	0	0.0
	81	81	10.88	10.75	10.52	10.66	0-1	0.0
	162	0	10.74	10.81	10.47	10.59		0.0
DFT-s-OFDM 16QAM	1	1	10.13	10.43	10.22	10.40	0-1	0.0
CP-OFDM QPSK	1	1	10.34	10.61	10.50	10.55	0-1.5	0.0

Table I-273
NR Band n77 C PC2 Measured Plimit Antenna 3a - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.25	10.51	10.55	10.50	10.51	0	0.0
	1	67	10.43	10.61	10.62	10.52	10.50		0.0
	1	131	10.69	10.80	10.74	10.66	10.61		0.0
	64	0	10.33	10.70	10.64	10.47	10.39	0-0.5	0.0
	64	35	10.37	10.72	10.69	10.49	10.49	0	0.0
	64	69	10.47	10.77	10.61	10.60	10.59	0-0.5	0.0
	128	0	10.35	10.69	10.61	10.50	10.51		0.0
DFT-s-OFDM QPSK	1	1	10.32	10.61	10.59	10.46	10.40	0	0.0
	1	67	10.31	10.76	10.65	10.43	10.47		0.0
	1	131	10.67	10.83	10.63	10.60	10.69		0.0
	64	0	10.39	10.75	10.65	10.47	10.46	0-1	0.0
	64	35	10.35	10.76	10.68	10.50	10.52	0	0.0
	64	69	10.45	10.83	10.63	10.54	10.65	0-1	0.0
	128	0	10.33	10.83	10.60	10.53	10.56		0.0
DFT-s-OFDM 16QAM	1	1	10.05	10.47	10.43	10.28	10.52	0-1	0.0
CP-OFDM QPSK	1	1	10.25	10.59	10.57	10.42	10.49	0-1.5	0.0

Table I-274
NR Band n77 C PC2 Measured Plimit Antenna 3a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel					MPR Allowed per 3GPP [dB]	MPR [dB]	
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)			664000 (3960 MHz)
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	10.27	10.46	10.53	10.54	10.49	10.64	0	0.0
	1	53	10.43	10.55	10.40	10.38	10.53	10.63		0.0
	1	104	10.61	10.71	10.53	10.51	10.61	10.68		0.0
	50	0	10.33	10.55	10.43	10.46	10.50	10.62	0-0.5	0.0
	50	28	10.37	10.50	10.45	10.40	10.55	10.65	0	0.0
	50	56	10.42	10.76	10.49	10.46	10.58	10.75	0-0.5	0.0
	100	0	10.35	10.70	10.47	10.48	10.52	10.69		0.0
DFT-s-OFDM QPSK	1	1	10.32	10.57	10.54	10.59	10.60	10.55	0	0.0
	1	53	10.31	10.55	10.47	10.45	10.58	10.64		0.0
	1	104	10.70	10.79	10.61	10.60	10.64	10.83		0.0
	50	0	10.39	10.63	10.50	10.53	10.50	10.68	0-1	0.0
	50	28	10.35	10.65	10.54	10.42	10.54	10.69	0	0.0
	50	56	10.39	10.76	10.62	10.52	10.58	10.85	0-1	0.0
	100	0	10.34	10.71	10.58	10.53	10.56	10.72		0.0
DFT-s-OFDM 16QAM	1	1	10.18	10.50	10.60	10.40	10.33	10.27	0-1	0.0
CP-OFDM QPSK	1	1	10.25	10.52	10.76	10.42	10.44	10.36	0-1.5	0.0

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Table I-275
NR Band n77 C PC2 Measured Plimit Antenna 3a - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	10.50	10.72	10.75	10.69	10.58	10.67	0	0.0
	1	39	10.48	10.76	10.69	10.49	10.57	10.60		0.0
	1	76	10.73	10.79	10.78	10.55	10.70	10.75		0.0
	36	0	10.50	10.68	10.65	10.54	10.53	10.59	0-0.5	0.0
	36	21	10.52	10.77	10.71	10.47	10.57	10.54	0	0.0
	36	42	10.66	10.75	10.72	10.50	10.62	10.66	0-0.5	0.0
	75	0	10.51	10.67	10.73	10.49	10.57	10.62		0.0
	1	1	10.46	10.65	10.63	10.56	10.53	10.63		0.0
DFT-s-OFDM QPSK	1	39	10.39	10.70	10.67	10.47	10.59	10.60	0	0.0
	1	76	10.70	10.71	10.73	10.52	10.63	10.77	0	0.0
	36	0	10.44	10.60	10.74	10.52	10.54	10.56	0-1	0.0
	36	21	10.48	10.66	10.72	10.46	10.57	10.60	0	0.0
	36	42	10.59	10.83	10.78	10.48	10.62	10.69		0.0
	75	0	10.51	10.80	10.77	10.50	10.61	10.66	0-1	0.0
	1	1	10.32	10.40	10.48	10.34	10.44	10.42	0-1	0.0
DFT-s-OFDM 16QAM	1	1	10.32	10.40	10.48	10.34	10.44	10.42	0-1	0.0
CP-OFDM QPSK	1	1	10.38	10.52	10.50	10.47	10.45	10.53	0-1.5	0.0

Table I-276
NR Band n77 C PC2 Measured Plimit Antenna 3a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	10.31	10.55	10.71	10.59	10.60	10.75	0	0.0
	1	26	10.43	10.67	10.68	10.53	10.50	10.47		0.0
	1	49	10.45	10.83	10.75	10.55	10.67	10.66		0.0
	25	0	10.33	10.74	10.80	10.61	10.63	10.49	0-0.5	0.0
	25	13	10.37	10.61	10.71	10.53	10.56	10.53	0	0.0
	25	26	10.27	10.69	10.72	10.49	10.60	10.63	0-0.5	0.0
	50	0	10.35	10.55	10.79	10.53	10.62	10.59		0.0
	1	1	10.32	10.55	10.61	10.63	10.62	10.65		0.0
DFT-s-OFDM QPSK	1	26	10.31	10.56	10.58	10.55	10.64	10.56	0	0.0
	1	49	10.44	10.72	10.75	10.56	10.74	10.64		0.0
	25	0	10.39	10.61	10.67	10.57	10.59	10.58		0.0
	25	13	10.35	10.62	10.71	10.58	10.61	10.60	0	0.0
	25	26	10.32	10.60	10.73	10.53	10.68	10.64	0-1	0.0
	50	0	10.31	10.65	10.75	10.58	10.63	10.60		0.0
	1	1	10.15	10.43	10.58	10.44	10.37	10.54		0-1
DFT-s-OFDM 16QAM	1	1	10.15	10.43	10.58	10.44	10.37	10.54	0-1	0.0
CP-OFDM QPSK	1	1	10.31	10.44	10.59	10.50	10.55	10.59	0-1.5	0.0

Table I-277
NR Band n77 C PC2 Measured Plimit Antenna 4 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.53	11.02	10.82	0	0.0
	1	123	10.93	11.05	10.77		0.0
	1	243	10.80	10.98	11.01		0.0
	120	0	10.59	10.99	10.81	0-0.5	0.0
	120	63	10.83	11.06	10.81	0	0.0
	120	125	10.88	11.04	10.93	0-0.5	0.0
243	0	10.71	11.08	10.87	0.0		
DFT-s-OFDM QPSK	1	1	10.32	11.00	10.81	0	0.0
	1	123	10.97	11.04	10.75		0.0
	1	243	10.91	10.83	10.92		0.0
	120	0	10.60	10.99	10.77	0-1	0.0
	120	63	10.80	11.06	10.82	0	0.0
	120	125	10.85	10.96	10.91	0-1	0.0
243	0	10.72	11.02	10.84	0.0		
DFT-s-OFDM 16QAM	1	1	10.42	11.06	10.77	0-1	0.0
CP-OFDM QPSK	1	1	10.29	11.08	10.86	0-1.5	0.0

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Table I-278
NR Band n77 C PC2 Measured Plimit Antenna 4 - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.51	11.11	10.89	0	0.0
	1	109	10.94	11.17	10.75		0.0
	1	215	10.80	11.02	10.98		0.0
	108	0	10.60	11.00	10.81	0-0.5	0.0
	108	55	10.83	11.06	10.87	0	0.0
	108	109	10.93	11.01	10.95	0-0.5	0.0
	216	0	10.71	11.09	10.90		0.0
DFT-s-OFDM QPSK	1	1	10.43	10.99	10.83	0	0.0
	1	109	10.82	11.13	10.69		0.0
	1	215	10.76	10.95	10.99		0.0
	108	0	10.59	11.03	10.82	0-1	0.0
	108	55	10.79	11.10	10.82	0	0.0
	108	109	10.87	11.04	10.92	0-1	0.0
	216	0	10.72	11.09	10.91		0.0
DFT-s-OFDM 16QAM	1	1	10.44	11.07	10.86	0-1	0.0
CP-OFDM QPSK	1	1	10.47	11.06	10.81	0-1.5	0.0

Table I-279
NR Band n77 C PC2 Measured Plimit Antenna 4 - 70 MHz Bandwidth

NR Band n77								
70 MHz Bandwidth								
Modulation	RB Size	RB Offset	Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
			649000 (3735 MHz)	653666 (3804.99 MHz)	658334 (3875.01 MHz)	663000 (3945 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.48	10.86	11.03	10.93	0	0.0
	1	95	10.78	11.32	11.12	10.92		0.0
	1	187	10.87	11.20	11.04	11.11		0.0
	90	0	10.60	11.11	11.06	10.88	0-0.5	0.0
	90	50	10.86	11.15	11.08	10.95	0	0.0
	90	99	10.87	11.24	11.09	11.08	0-0.5	0.0
	180	0	10.78	11.13	11.03	10.97		0.0
DFT-s-OFDM QPSK	1	1	10.51	10.88	10.89	10.82	0	0.0
	1	95	10.75	11.04	11.05	10.83		0.0
	1	187	10.90	11.15	10.93	10.99		0.0
	90	0	10.55	11.13	11.01	10.82	0-1	0.0
	90	50	10.84	11.11	11.04	10.92	0	0.0
	90	99	10.82	11.26	11.03	11.01	0-1	0.0
	180	0	10.75	11.23	11.02	10.92		0.0
DFT-s-OFDM 16QAM	1	1	10.71	10.85	11.11	11.03	0-1	0.0
CP-OFDM QPSK	1	1	10.58	10.82	10.93	10.88	0-1.5	0.0

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Table I-280
NR Band n77 C PC2 Measured Plimit Antenna 4 - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648668 (3730.02 MHz)	653556 (3803.34 MHz)	658444 (3876.66 MHz)	663332 (3949.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.40	11.06	11.16	10.98	0	0.0
	1	81	10.82	11.31	11.18	11.02		0.0
	1	160	10.91	11.33	11.11	11.17		0.0
	81	0	10.60	11.23	11.13	10.90	0-0.5	0.0
	81	41	10.77	11.27	11.18	10.97	0	0.0
	81	81	10.90	11.33	11.10	11.15	0-0.5	0.0
	162	0	10.81	11.21	11.12	11.02		0.0
DFT-s-OFDM QPSK	1	1	10.47	10.87	11.17	11.10	0	0.0
	1	81	10.75	11.20	11.25	11.11		0.0
	1	160	10.92	11.23	11.28	11.25		0.0
	81	0	10.65	11.16	11.12	10.91	0-1	0.0
	81	41	10.88	11.23	11.13	11.05	0	0.0
	81	81	10.85	11.28	11.15	11.17	0-1	0.0
	162	0	10.79	11.21	11.14	11.03		0.0
DFT-s-OFDM 16QAM	1	1	10.54	11.03	11.39	11.12	0-1	0.0
CP-OFDM QPSK	1	1	10.48	10.99	11.24	10.90	0-1.5	0.0

Table I-281
NR Band n77 C PC2 Measured Plimit Antenna 4 - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	648334 (3725.01 MHz)	652166 (3782.49 MHz)	656000 (3840 MHz)	659834 (3897.51 MHz)	663666 (3954.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.41	10.78	11.02	10.80	10.74	0	0.0
	1	67	10.65	11.05	11.14	10.91	10.96		0.0
	1	131	10.85	11.21	11.17	10.81	11.12		0.0
	64	0	10.44	10.88	11.07	10.87	10.78	0-0.5	0.0
	64	35	10.76	11.09	11.12	10.92	10.89	0	0.0
	64	69	10.86	11.19	11.13	10.87	10.98	0-0.5	0.0
	128	0	10.71	11.03	11.10	10.86	10.91		0.0
DFT-s-OFDM QPSK	1	1	10.41	10.84	11.04	10.91	10.96	0	0.0
	1	67	10.75	11.16	11.20	10.93	10.94		0.0
	1	131	10.85	11.28	11.24	10.98	11.22		0.0
	64	0	10.35	10.87	11.07	10.90	10.74	0-1	0.0
	64	35	10.56	11.04	11.05	10.86	10.90	0	0.0
	64	69	10.72	11.20	11.12	10.85	11.05	0-1	0.0
	128	0	10.56	10.99	11.02	10.87	10.88		0.0
DFT-s-OFDM 16QAM	1	1	10.47	10.94	11.23	11.20	11.04	0-1	0.0
CP-OFDM QPSK	1	1	10.32	10.84	10.87	10.88	10.82	0-1.5	0.0

Table I-282
NR Band n77 C PC2 Measured Plimit Antenna 4 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			648000 (3720 MHz)	651200 (3768 MHz)	654400 (3816 MHz)	657600 (3864 MHz)	660800 (3912 MHz)	664000 (3960 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM π/2 BPSK	1	1	10.70	11.13	11.35	11.27	11.07	11.04	0	0.0
	1	53	10.70	11.09	11.43	11.19	11.06	11.16		0.0
	1	104	11.28	11.40	11.46	11.26	10.99	11.45		0.0
	50	0	10.63	11.04	11.39	11.22	11.04	10.97	0-0.5	0.0
	50	28	10.76	11.05	11.31	11.09	11.02	11.11	0	0.0
	50	56	10.96	11.30	11.45	11.16	11.00	11.20	0-0.5	0.0
100	0	10.73	11.11	11.38	11.17	11.02	11.05	0.0		
DFT-s-OFDM QPSK	1	1	10.60	11.15	11.35	11.25	11.07	10.89	0	0.0
	1	53	10.69	11.02	11.20	11.05	10.94	11.04		0.0
	1	104	11.13	11.43	11.40	11.22	10.99	11.33		0.0
	50	0	10.65	11.05	11.36	11.21	11.03	10.98	0-1	0.0
	50	28	10.76	11.09	11.35	11.16	11.02	11.11	0	0.0
	50	56	10.98	11.24	11.38	11.18	10.98	11.28	0-1	0.0
100	0	10.77	11.11	11.41	11.17	11.05	11.11	0.0		
DFT-s-OFDM 16QAM	1	1	10.68	11.13	11.38	11.38	11.15	11.01	0-1	0.0
CP-OFDM QPSK	1	1	10.57	10.94	11.29	11.23	11.07	10.88	0-1.5	0.0

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Table I-283
NR Band n77 C PC2 Measured Plimit Antenna 4 - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth											
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]	
			647668 (3715.02 MHz)	651000 (3765 MHz)	654334 (3815.01 MHz)	657666 (3864.99 MHz)	661000 (3915 MHz)	664332 (3964.98 MHz)			
			Conducted Power [dBm]								
DFT-s-OFDM π/2 BPSK	1	1	10.43	10.83	11.07	10.99	10.72	10.81	0	0.0	
	1	39	10.64	10.85	11.09	10.92	10.68	10.84		0.0	
	1	76	10.89	11.07	11.21	10.96	10.75	11.03		0.0	
	36	0	10.43	10.75	11.09	10.94	10.75	10.73	0-0.5	0.0	
	36	21	10.76	10.79	11.13	10.84	10.69	10.79	0	0.0	
	36	42	10.86	10.91	11.14	10.87	10.67	10.82	0-0.5	0.0	
	75	0	10.71	10.82	11.12	10.88	10.67	10.84		0.0	
	1	1	10.37	10.83	11.11	11.09	10.71	10.81	0	0.0	
DFT-s-OFDM QPSK	1	39	10.44	10.73	11.21	10.94	10.79	10.85		0	0.0
	1	76	10.74	11.14	11.23	10.96	10.75	11.02		0.0	
	36	0	10.33	10.81	11.16	10.92	10.74	10.75	0-1	0.0	
	36	21	10.45	10.77	11.12	10.88	10.69	10.82	0	0.0	
	36	42	10.61	10.85	11.14	10.93	10.69	10.94		0.0	
	75	0	10.47	10.82	11.17	10.89	10.73	10.84	0-1	0.0	
	1	1	10.70	11.12	11.44	11.43	11.21	11.12	0-1	0.0	
	DFT-s-OFDM 16QAM	1	1	10.39	10.93	11.14	11.07	10.82	10.84	0-1.5	0.0
CP-OFDM QPSK	1	1	10.39	10.93	11.14	11.07	10.82	10.84	0-1.5	0.0	

Table I-284
NR Band n77 C PC2 Measured Plimit Antenna 4 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
Modulation	RB Size	RB Offset	Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
			647334 (3710.01 MHz)	650800 (3762 MHz)	654266 (3813.99 MHz)	657734 (3866.01 MHz)	661200 (3918 MHz)	664666 (3969.99 MHz)		
			Conducted Power [dBm]							
DFT-s-OFDM $\pi/2$ BPSK	1	1	10.71	11.23	11.43	11.26	11.04	11.25	0	0.0
	1	26	10.72	11.13	11.48	11.22	10.92	11.19		0.0
	1	49	10.83	11.29	11.49	11.18	10.89	11.24		0.0
	25	0	10.61	11.16	11.40	11.18	10.94	11.19	0-0.5	0.0
	25	13	10.76	11.09	11.46	11.17	10.90	11.20	0	0.0
	25	26	10.91	11.12	11.48	11.13	10.81	11.23	0-0.5	0.0
50	0	10.71	11.13	11.49	11.14	10.88	11.16	0.0		
1	1	10.73	11.13	11.29	11.20	10.92	11.15	0.0		
DFT-s-OFDM QPSK	1	26	10.61	11.08	11.35	11.14	10.91	11.14	0	0.0
	1	49	10.70	11.12	11.33	11.15	10.85	11.28		0.0
	25	0	10.61	11.14	11.42	11.19	10.97	11.18		0-1
	25	13	10.62	11.12	11.43	11.15	10.88	11.18	0	0.0
	25	26	10.66	11.10	11.43	11.12	10.79	11.24	0-1	0.0
	50	0	10.65	11.11	11.49	11.16	10.94	11.18		0.0
DFT-s-OFDM 16QAM	1	1	10.51	11.04	11.34	11.12	10.92	11.06	0-1	0.0
CP-OFDM QPSK	1	1	10.41	11.05	11.21	11.02	10.99	10.91	0-1.5	0.0

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APPENDIX J: WIFI TIME-AVERAGED SAR VERIFICATION

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1.1 WIFI Time-Averaged SAR Verification Summary

This device supports the manufacturer's time-averaged SAR (TAS) mechanism for WLAN operations. The output power is controlled in real-time so that the power averaged over any 60 second window does not exceed the level tested for SAR in this report. The time-averaged SAR algorithm tracks the energy contribution relative to the available energy budget for each transmitter, defined as the "utilization ratio." Once the utilization ratios for each of the individual WLAN transmitters are calculated, they are summed to derive the overall WLAN system power utilization ratio. This metric is used by the WLAN chipset to manage power levels over time and ensure that SAR limits are never exceeded.

Per FCC Guidance, the following test scenarios were defined to validate the TAS mechanism. The specific scenarios are constructed to validate the operation of the algorithm in all operational states, including transitions between states/antennas:

- Change in channel/band
- Change in antenna (includes connection drop scenario)
- Change in device state, e.g Cell on/off WiFi power change

Predefined transmit profiles for each test scenario are provided by the manufacturer's test automation software to control the operation of the DUT while synchronized operational data was recorded from internal firmware and external power monitors. The data was plotted over time relative to the utilization limit to demonstrate that the maximum time-averaged power is never exceeded. "Reported" values were output and captured directly from DUT firmware, while "Measured" results were obtained from external power metering. The uncertainty budget applied to the WLAN power control functions for this device is 1.5 dB. In all test cases, WLAN radios were configured to operate at 100% duty cycle.

The DUT supports time-averaged SAR (TAS) technology for the WLAN transmitters. This TAS implementation support per-packet tracking enhancement that accounts for per packet power variation. The actual output power is measured from the TSSI ADC reading and is reported in the form of Tx duration weighted for Pmax. Power levels in different bands with different operating states and power limits are not directly comparable so the TAS algorithm instead tracks the ratio of energy contribution relative to the available energy budget for each transmitter.

WWAN and RLAN energy budgets are fixed to maintain compliance considering simultaneous operation. The independent budgets ensure that differences in averaging windows do not impact the overall compliance of the device.

Table 1
WIFI Time-Averaged SAR Verification Summary

Mode	Antenna	Channel	Plim (dBm)	Plim (mW)
802.11b, 22 MHz Bandwidth	3a	6	11.50	14
802.11b, 22 MHz Bandwidth (Reduced)	3a	6	8.50	7
802.11a, 20 MHz Bandwidth	1a	6	12.25	17
802.11a, 20 MHz Bandwidth	5T	149	14.75	30
802.11a, 20 MHz Bandwidth	3b	149	11.25	13

Plim is the maximum time-averaged output power evaluated for SAR compliance

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1.2 Verification Summary

Scenario 1: Change in Antenna

For this test, the effect on the time-averaging algorithm from a change in the active transmit antenna was evaluated. Figures J-1 and J-2 show a switch of 2.4 GHz transmissions from Antenna 3a to Antenna 1a at Time = 120 s, while Figures J-3 and J-4 show a comparable transition for Antenna 5T to Antenna 3b 5 GHz transmissions. In both cases the test automation is controlling the WLAN radios to operate at 100% duty cycle. In both cases the utilization ratio never exceeds 100% and the average transmit power never exceeds the Plim of each respective antenna.

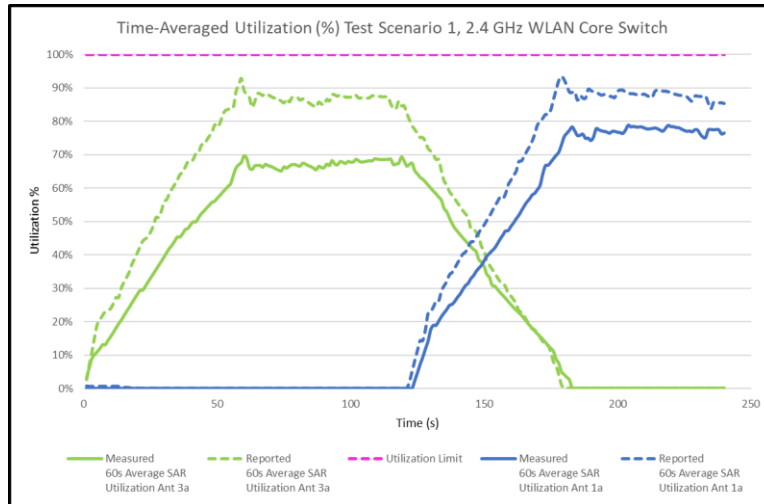


Figure J-1
60s Average SAR Utilization vs. Time, 2.4 GHz

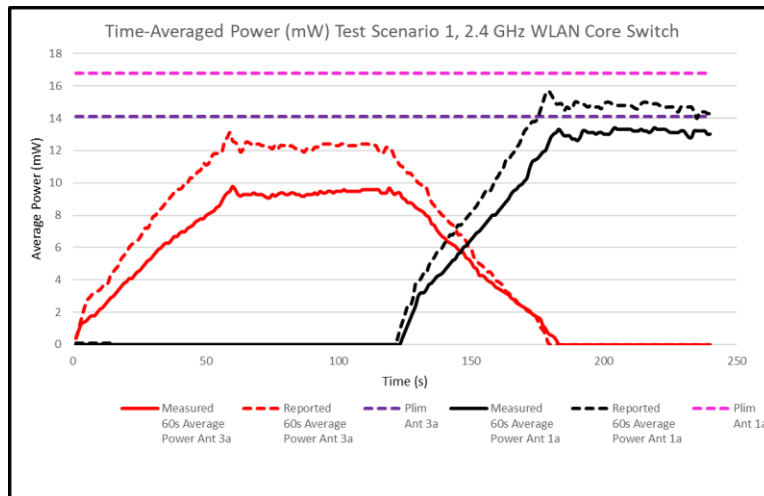


Figure J-2
60s Average Power vs. Time, 2.4 GHz

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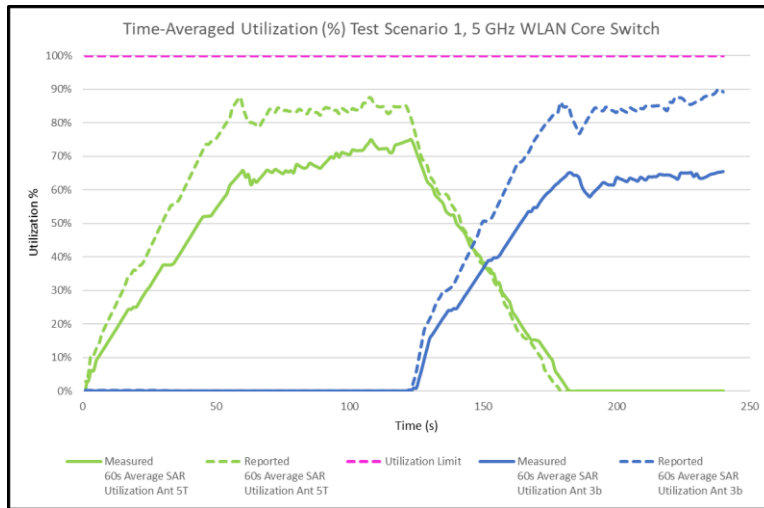


Figure J-3
60s Average SAR Utilization vs. Time, 5 GHz

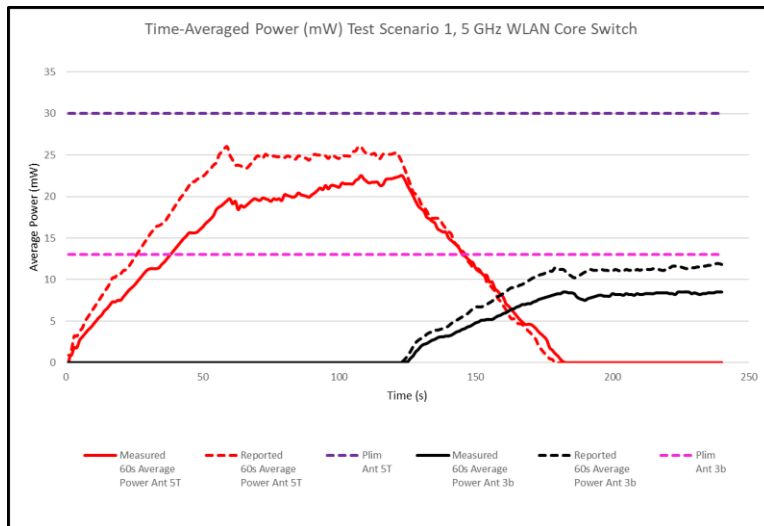


Figure J-4
60s Average Power vs. Time, 5 GHz

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Scenario 2: Change in Channel/Band Test Case

This test demonstrates the efficacy of the time-averaged SAR algorithm while switching between 2.4 GHz and 5 GHz WLAN bands. In addition, it shows that the algorithm tracks time-averaged power and system utilization when the active transmitter is disabled and then reconnects.

The 2.4 GHz Antenna 3a transmitter is active at 100% duty cycle until Time = 120 s. When 2.4 GHz transmissions cease, the 5 GHz Antenna 5T transmitter is activated and begins to negotiate a new connection. The connection is established and the increase in average transmit power and utilization can clearly be seen. In this case the utilization ratio never exceeds 100% and the average transmit power never exceeds the Plim of each respective antenna.

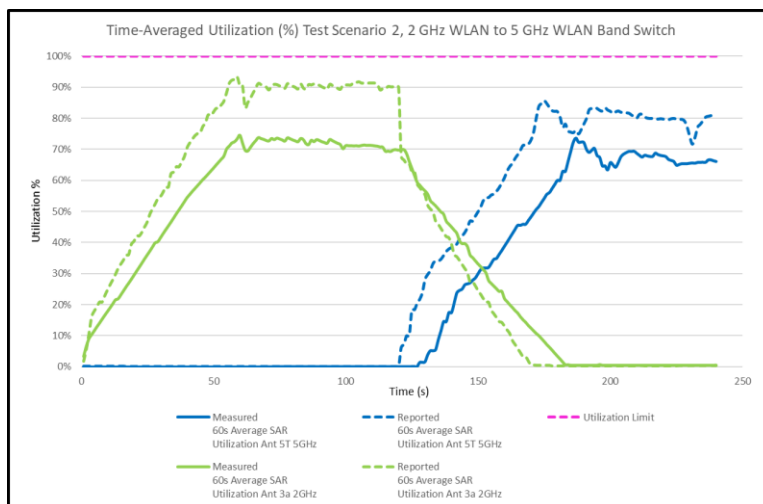


Figure J-5
60s Average Utilization vs. Time during Band Switch

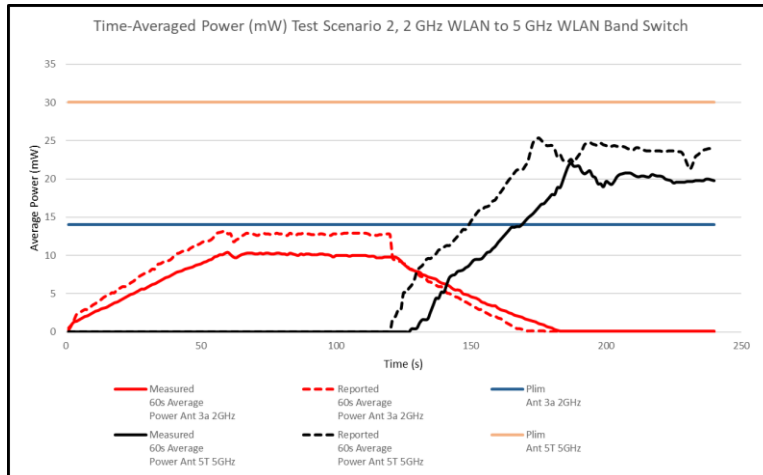


Figure J-6
60s Average Power vs. Time during Band Switch

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Scenario 3: Change in Device State

This test demonstrates the efficacy of the time-averaged SAR algorithm when an external power control trigger is activated, transitioning between cell off and cell on at Time = 120 s.

The 2.4 GHz Ant 3a transmitter is active at 100% duty cycle until Time = 120 s. At this point a cellular connection occurs. The connection is established and the decrease in average transmit power and can clearly be seen, while utilization remains consistent. In this case the utilization ratio never exceeds 100% and the average transmit power never exceeds the Plim of the device state.

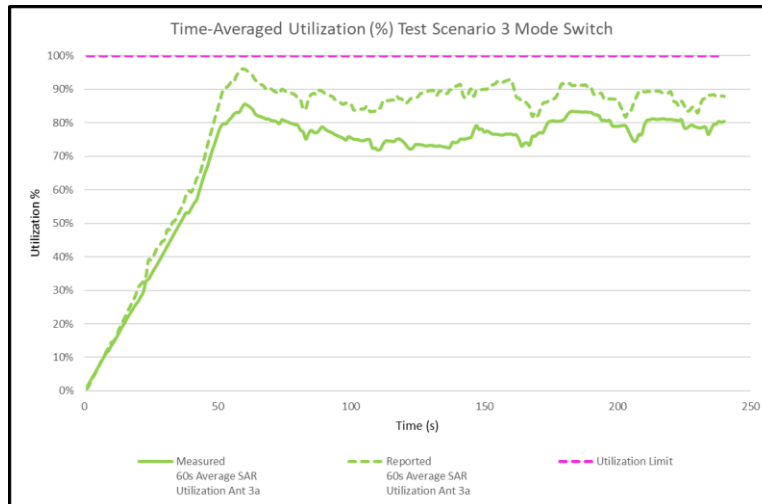


Figure J-7
60s Average Utilization vs. Time during Band Switch

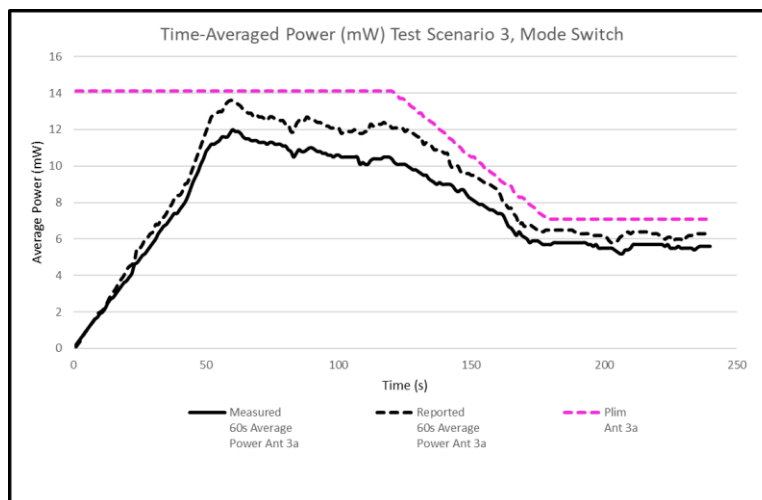


Figure J-8
60s Average Utilization vs. Time during Band Switch

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