APPENDIX A: SAR TEST DATA

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: NRWNT4PN6V

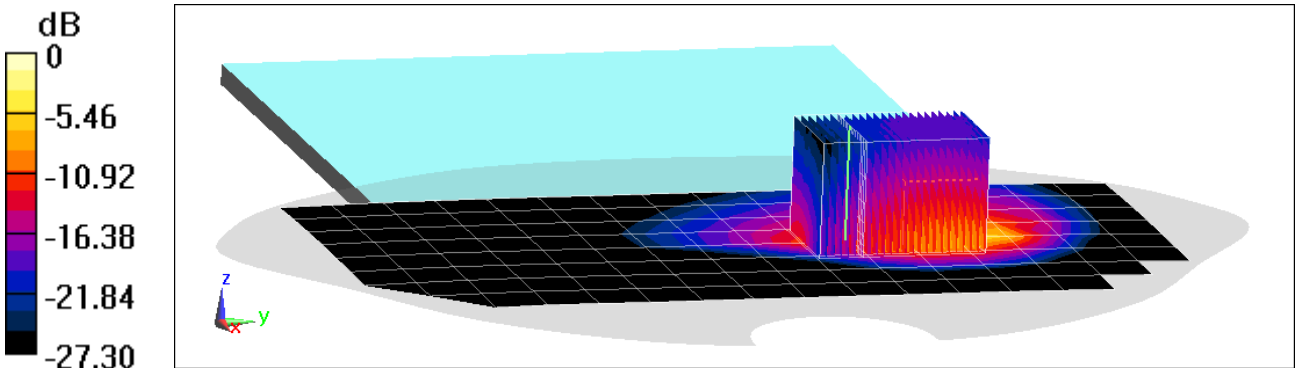
Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: 835 Body; Medium parameters used (interpolated):
$f = 824.2$ MHz; $\sigma = 0.985$ S/m; $\varepsilon_r = 53.395$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-15-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 824.2 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 850, Antenna 1, Body SAR, Back side, Low.ch, 2 Tx Slots

Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (16x24x8)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 24.48 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.240 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: NRWNT4PN6V

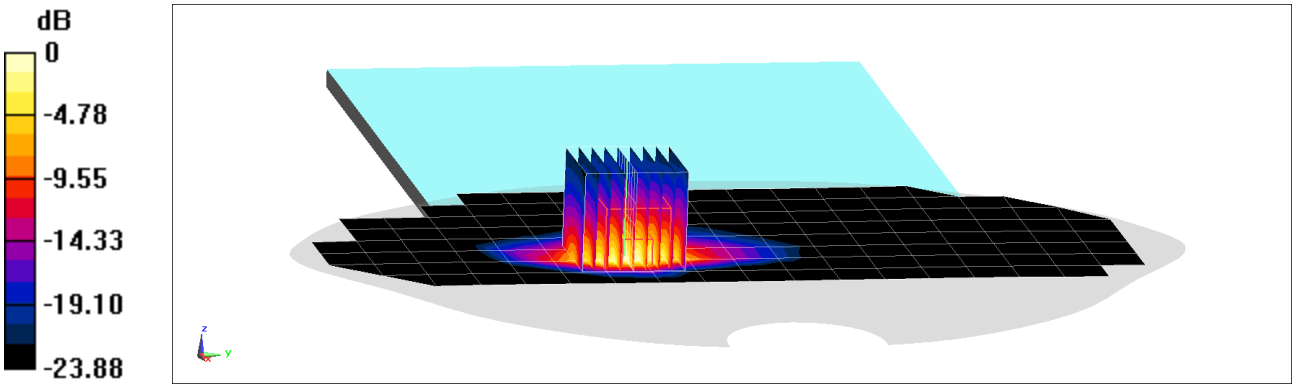
Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
Medium: 1900 Body; Medium parameters used:
f = 1910 MHz; σ = 1.593 S/m; ε_r = 52.091; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-18-2021; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1909.8 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: GPRS 1900, Antenna 4b, Body SAR, Back side, High.ch, 2 Tx Slots

Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 20.20 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.248 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: P7W7QRC22F

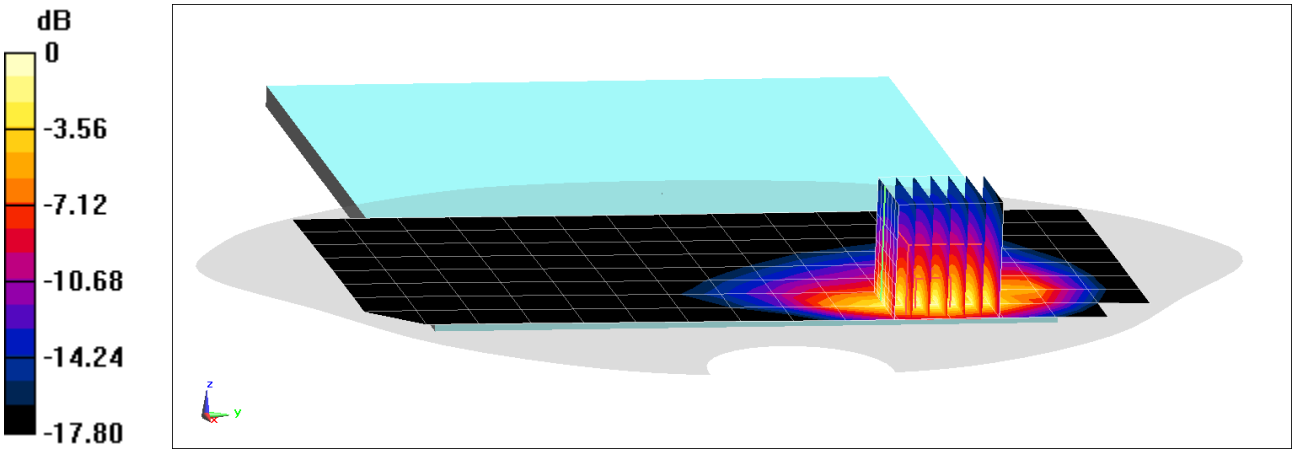
Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.6 MHz; σ = 0.995 S/m; ε_r = 53.201; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-06-2021; Ambient Temp: 22.1°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7546; ConvF(9.75, 9.75, 9.75) @ 836.6 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 850, Antenna 3, Body SAR, Back side, Mid.ch

Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 26.81 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.49 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.331 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

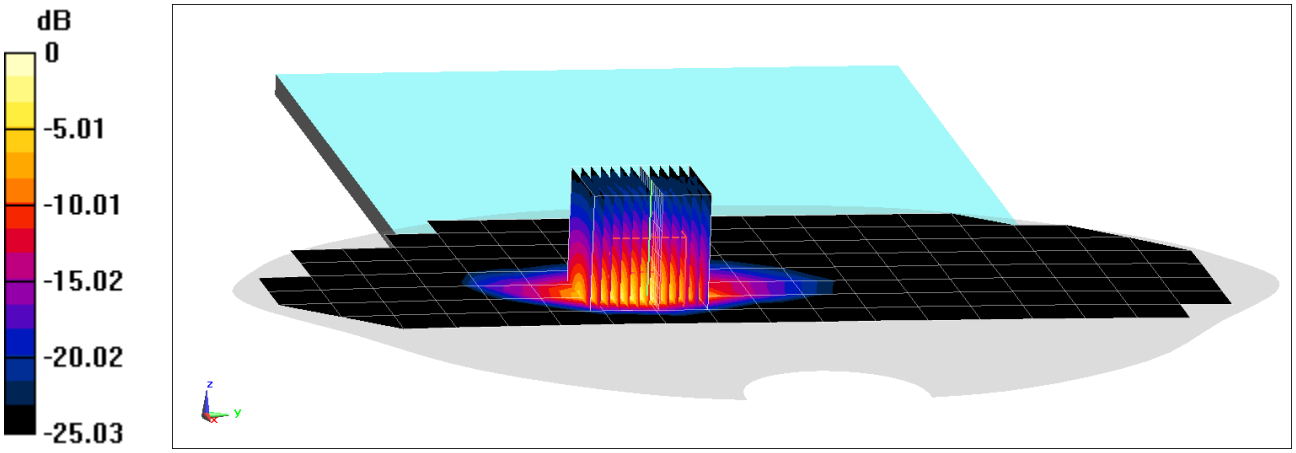
Communication System: UID 0, UMTS; Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1752.6 MHz; σ = 1.508 S/m; ε_r = 50.841; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-10-2021; Ambient Temp: 22.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1752.6 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: UMTS 1750, Antenna 4b, Body SAR, Back side, High.ch

Area Scan (9x19x1): 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 = 25.54 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 4.79 W/kg
SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.349 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

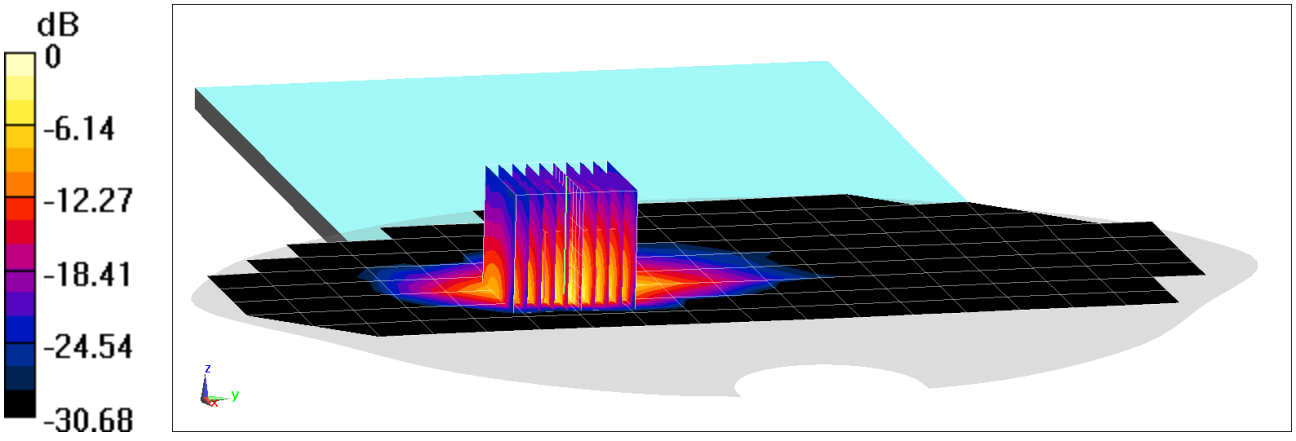
Communication System: UID 0, UMTS; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
f = 1907.6 MHz; σ = 1.555 S/m; ε_r = 52.329; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-22-2021; Ambient Temp: 22.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1907.6 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: UMTS 1900, Antenna 4b, Body SAR, Back side, High.ch

Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (19x13x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 2.226 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.288 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: NRWNT4PN6V

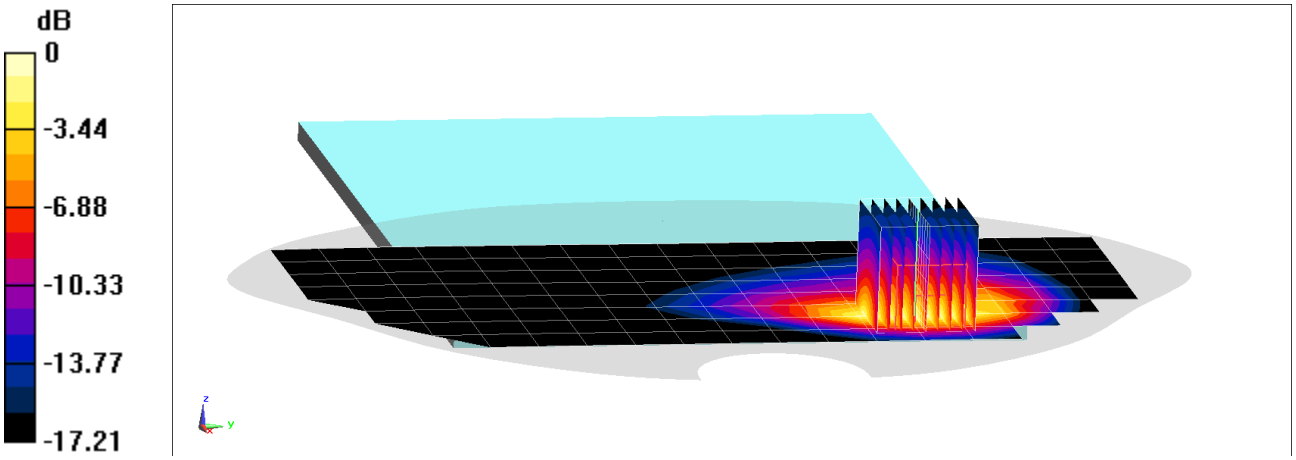
Communication System: UID 0, LTE Band 71; Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: 750 MHz Body; Medium parameters used (interpolated):
f = 680.5 MHz; σ = 0.946 S/m; ε_r = 53.979; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-06-2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7427; ConvF(10.16, 10.16, 10.16) @ 680.5 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 71, Antenna 3, Body SAR, Back side, Mid.ch, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x18x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (10x9x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 29.43 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.375 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: P7W7QRC22F

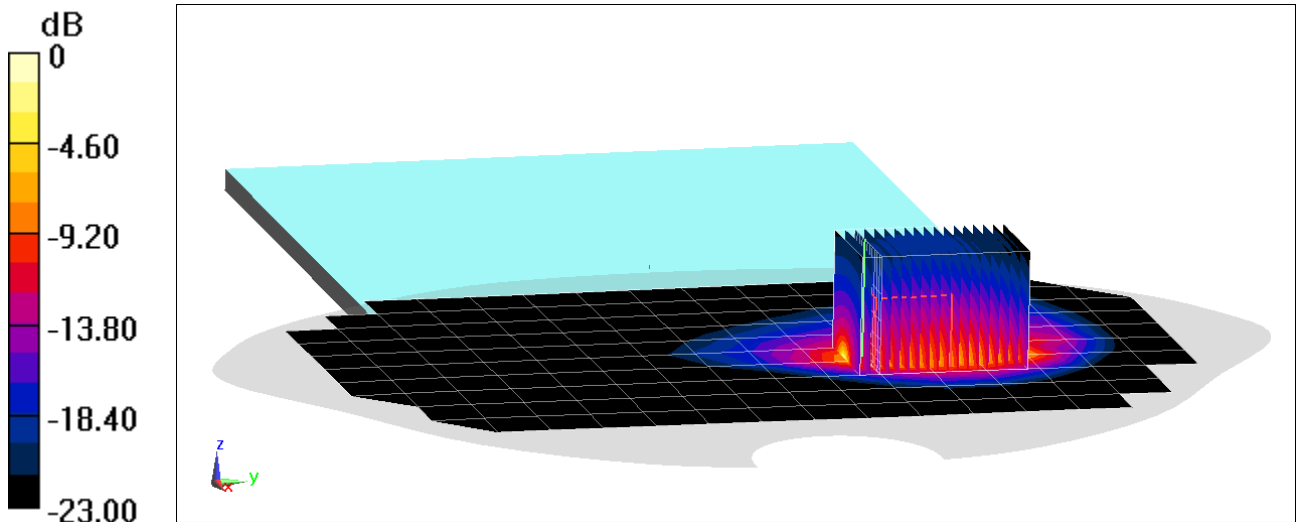
Communication System: UID 0, LTE Band 12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.977 S/m; ε_r = 54.001; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-20-2021; Ambient Temp: 21.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 707.5 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 12, Antenna 1, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (15x18x8)/Cube 0: Measurement grid: dx=2.8mm, dy=2.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 27.83 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 11.8 W/kg
SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.366 W/kg



0 dB = 2.42 W/kg = 3.84 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

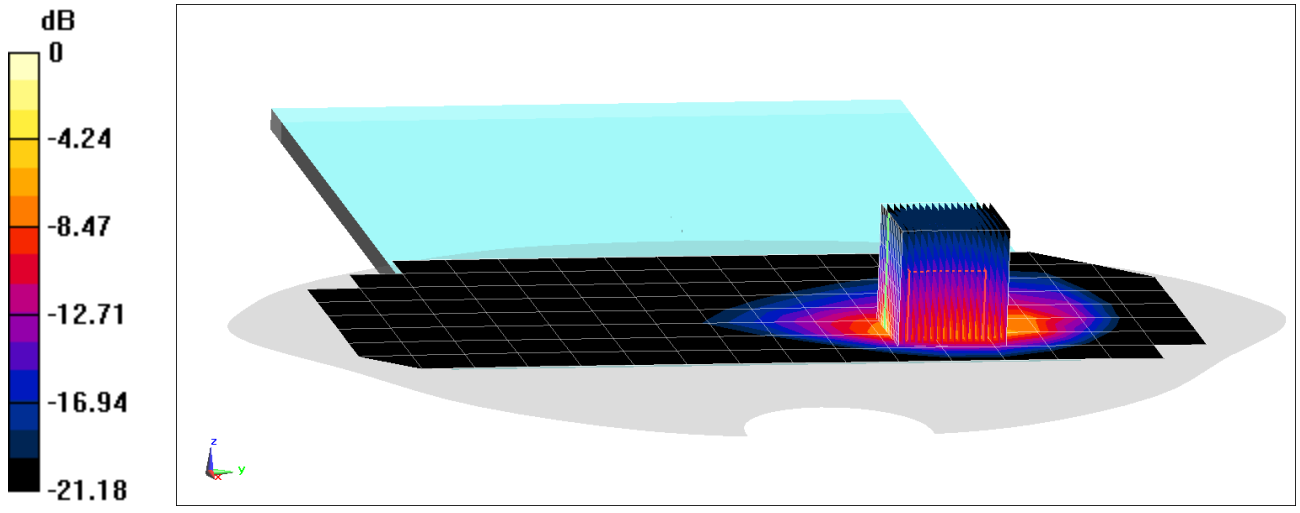
Communication System: UID 0, LTE Band 13; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 782 MHz; σ = 1.005 S/m; ε_r = 53.777; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-20-2021; Ambient Temp: 21.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 782 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 13, Antenna 1, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (18x18x8)/Cube 0: Measurement grid: dx=1.8mm, dy=1.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 26.40 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 11.9 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.323 W/kg



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

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: P7W7QRC22F

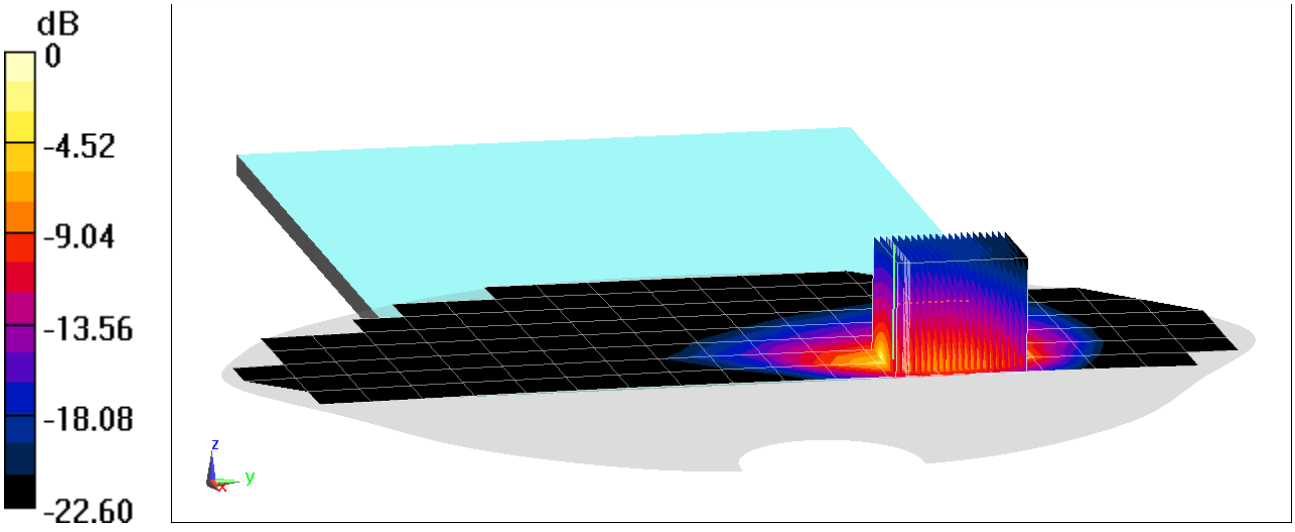
Communication System: UID 0, LTE Band 14; Frequency: 793 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 793 MHz; σ = 0.98 S/m; ε_r = 54.17; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-18-2021; Ambient Temp: 22.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 793 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 14, Antenna 1, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (18x23x8)/Cube 0: Measurement grid: dx=1.8mm, dy=1.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 25.92 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 12.6 W/kg
SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.331 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

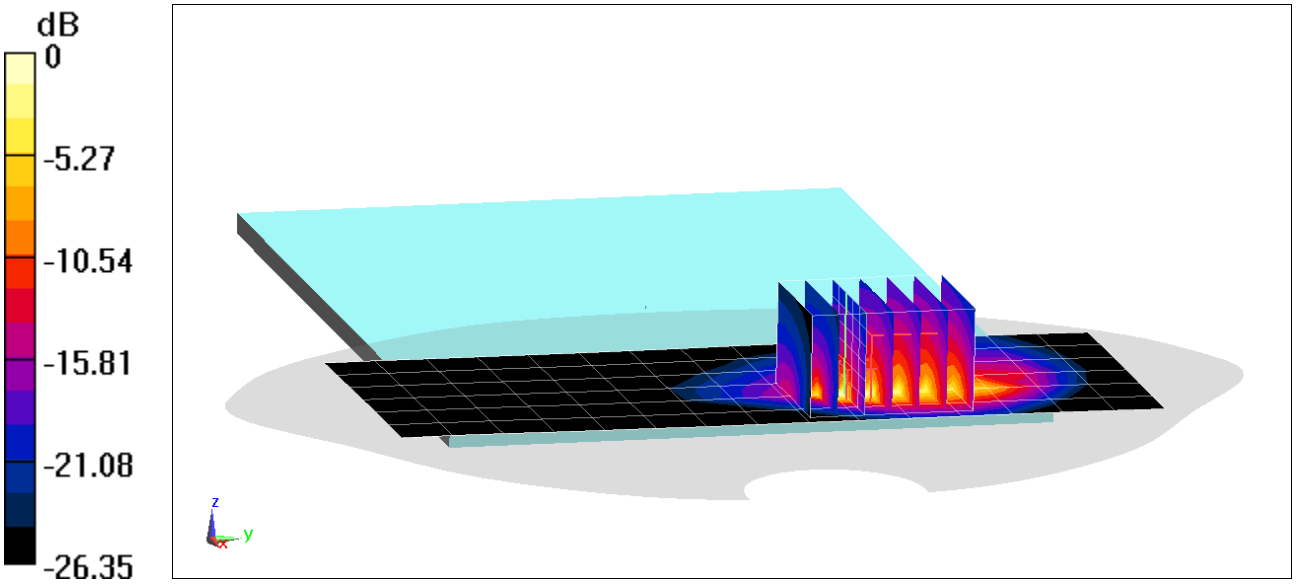
Communication System: UID 0, LTE Band 26; Frequency: 819 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 819 MHz; σ = 0.982 S/m; ε_r = 52.817; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-03-2021; Ambient Temp: 23.8°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7546; ConvF(9.75, 9.75, 9.75) @ 819 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 26 (Cell.), Antenna 1, Body SAR, Back side, Low.ch, 10 MHz Bandwidth, QPSK, 25 RB, 0 RB Offset

Area Scan (7x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.87 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 4.74 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.284 W/kg



0 dB = 2.67 W/kg = 4.27 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: NRWNT4PN6V

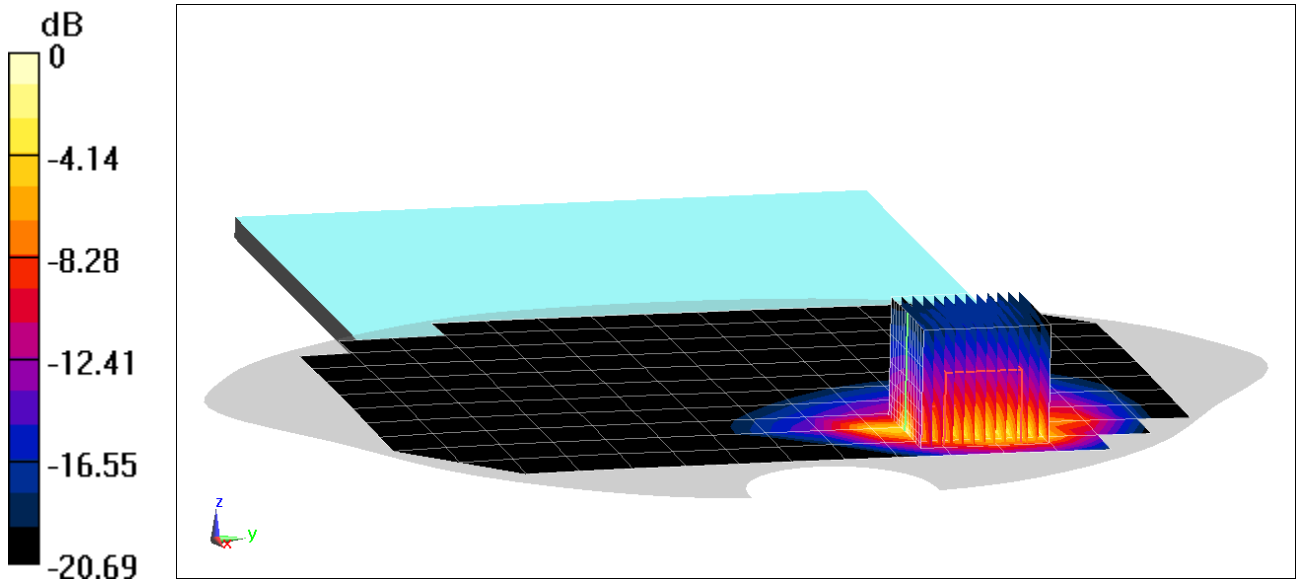
Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 1.003 S/m; ε_r = 53.809; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-22-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 836.5 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 5 (Cell.) ULCA, Antenna 1, Body SAR, Back side, Mid.ch,
PCC: 10 MHz Bandwidth, QPSK, Ch. 20525, 1 RB, 0 RB Offset
SCC: 5 MHz Bandwidth, QPSK, Ch. 20453, 1 RB, 24 RB Offset

Area Scan (12x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (13x13x8)/Cube 0: Measurement grid: dx=3mm, dy=3mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 22.98 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 7.20 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.359 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

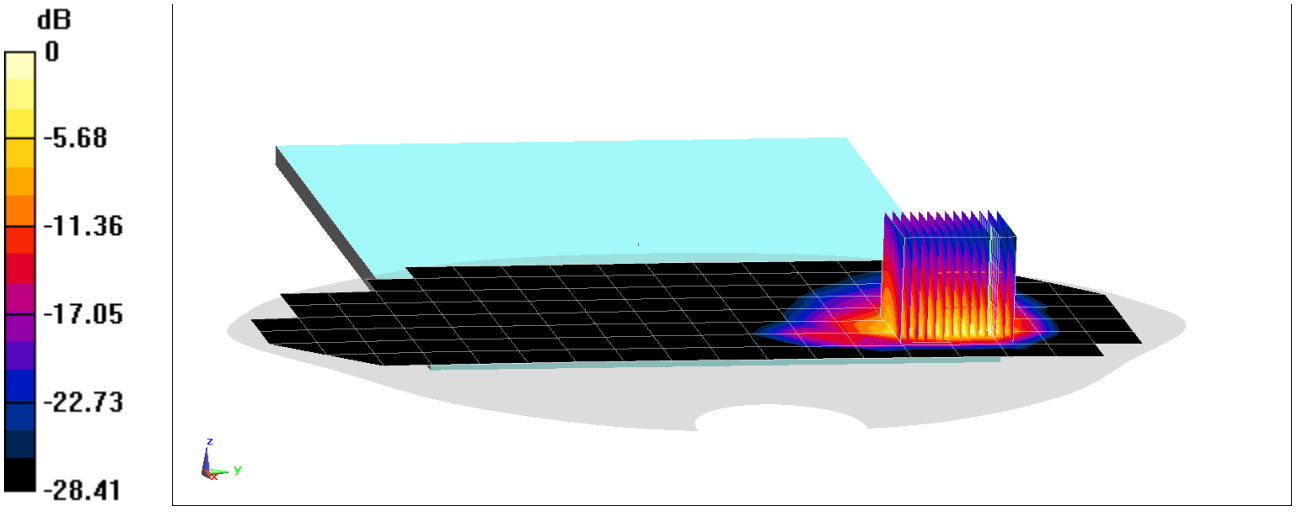
Communication System: UID 0, LTE Band 66 (AWS); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1720 MHz; σ = 1.498 S/m; ε_r = 51.523; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-14-2021; Ambient Temp: 22.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1720 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 66 (AWS), Antenna 1, Body SAR, Back side, Low.ch, 20 MHz Bandwidth, QPSK, 100 RB, 0 RB Offset

Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (13x14x8)/Cube 0: Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 25.78 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 5.66 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.479 W/kg



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

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

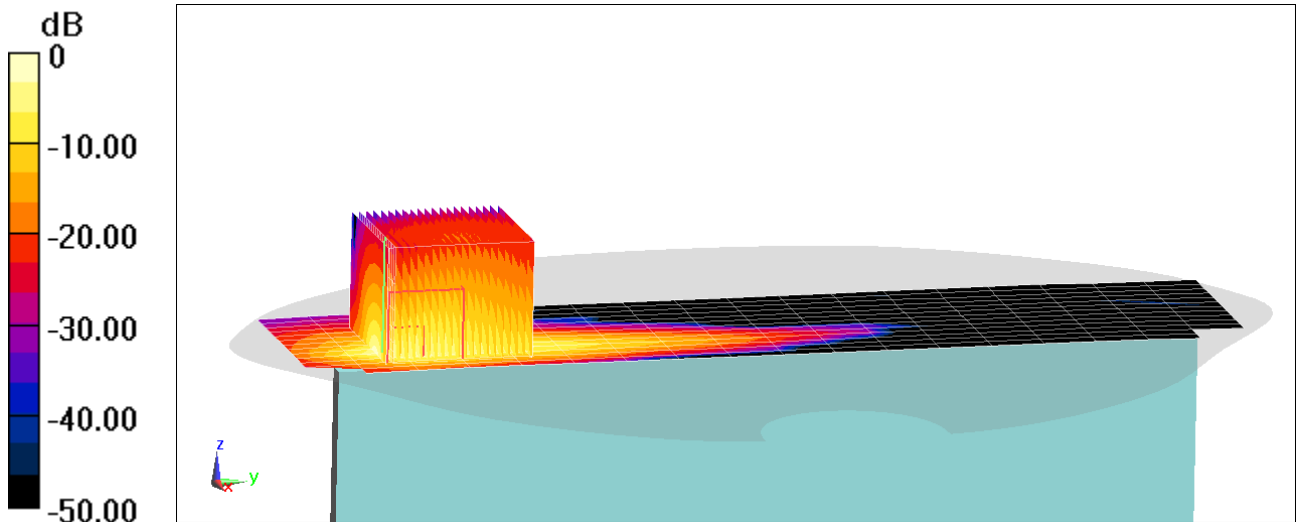
Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1905 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
f = 1905 MHz; σ = 1.533 S/m; ε_r = 51.613; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-12-2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1905 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 25 (PCS), Antenna 1, Body SAR, Left Edge, High.ch, 20 MHz Bandwidth, QPSK, 50 RB, 25 RB Offset

Area Scan (9x9x1): Measurement grid: dx=5mm, dy=15mm
Zoom Scan (16x18x8)/Cube 0: Measurement grid: dx=2.1mm, dy=2.1mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 23.78 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.51 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.286 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

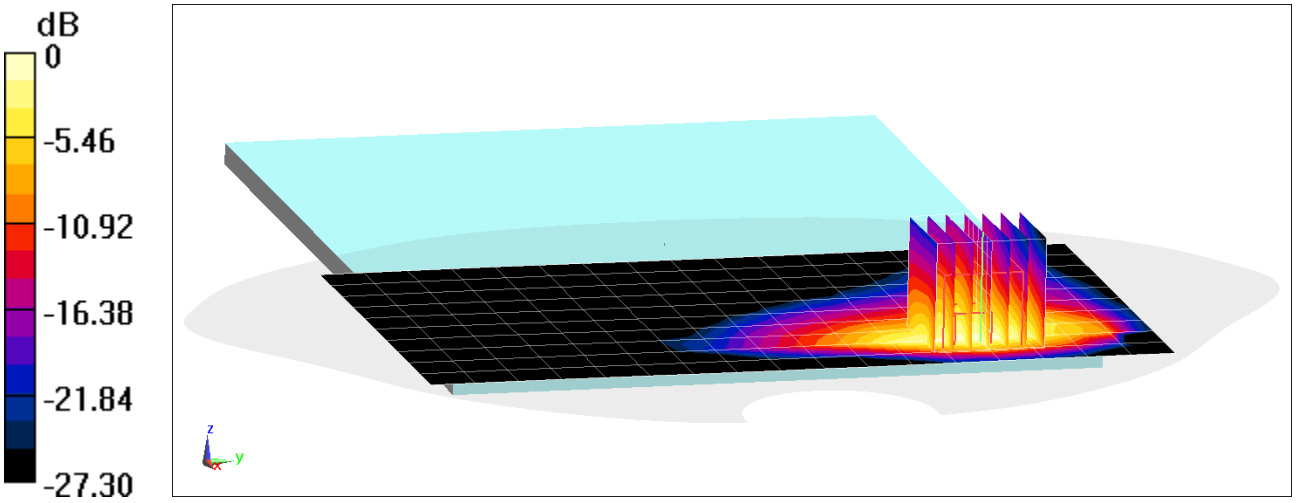
Communication System: UID 0, LTE Band 30; Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: 2300 Body; Medium parameters used:
f = 2310 MHz; σ = 1.898 S/m; ε_r = 51.685; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-06-2021; Ambient Temp: 22.3°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3949; ConvF(7.93, 7.93, 7.93) @ 2310 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 30, Antenna 3, Body SAR, Back side, Mid.ch, 10 MHz Bandwidth, QPSK, 25 RB, 25 RB Offset

Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.90 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.440 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

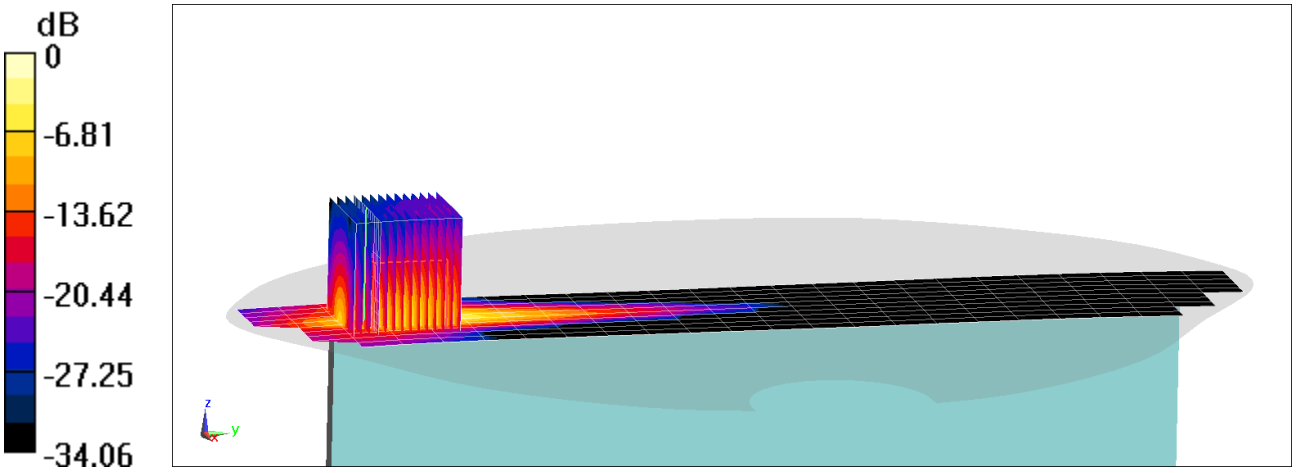
Communication System: UID 0, LTE Band 7; Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2510 MHz; σ = 2.082 S/m; ε_r = 51.452; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-15-2021; Ambient Temp: 24.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7546; ConvF(7.32, 7.32, 7.32) @ 2510 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 7, Antenna 1, Body SAR, Left Edge, Low.ch, 20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

Area Scan (11x25x1): Measurement grid: dx=5mm, dy=12mm
Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 22.65 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 5.28 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.312 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: P7W7QRC22F

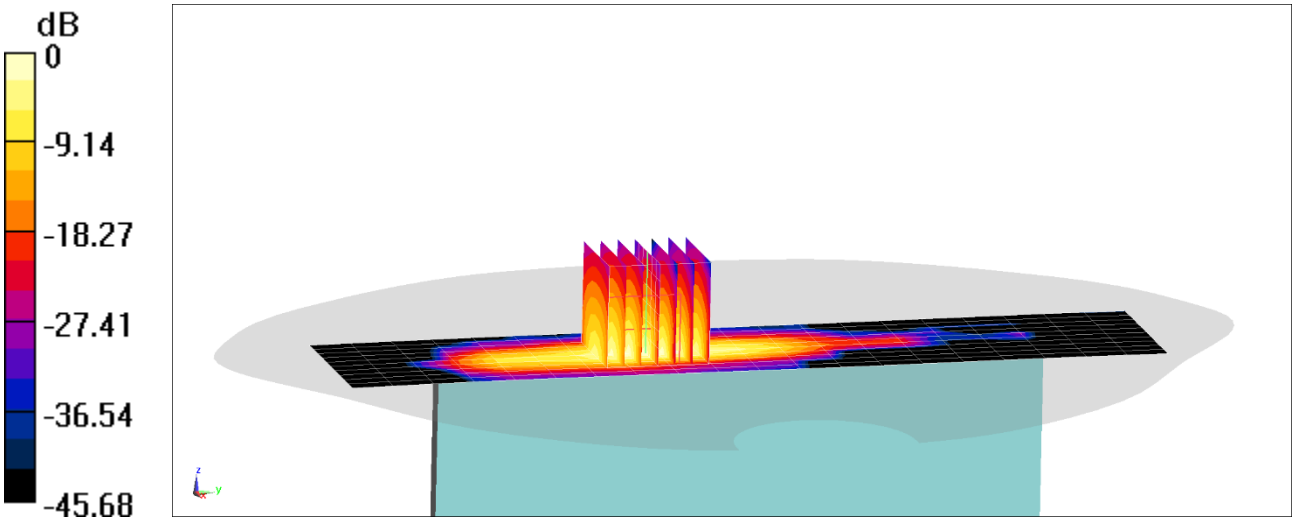
Communication System: UID 0, LTE Band 41 (Class 3); Frequency: 2680 MHz; Duty Cycle: 1:1.58
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2680 MHz; σ = 2.219 S/m; ε_r = 51.576; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-15-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.6°C

Probe: EX3DV4 - SN3949; ConvF(7.59, 7.59, 7.59) @ 2680 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 41, Antenna 4b, Body SAR, Top Edge, High.ch, 20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset

Area Scan (11x21x1): Measurement grid: dx=5mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.41 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.319 W/kg



0 dB = 2.42 W/kg = 3.84 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

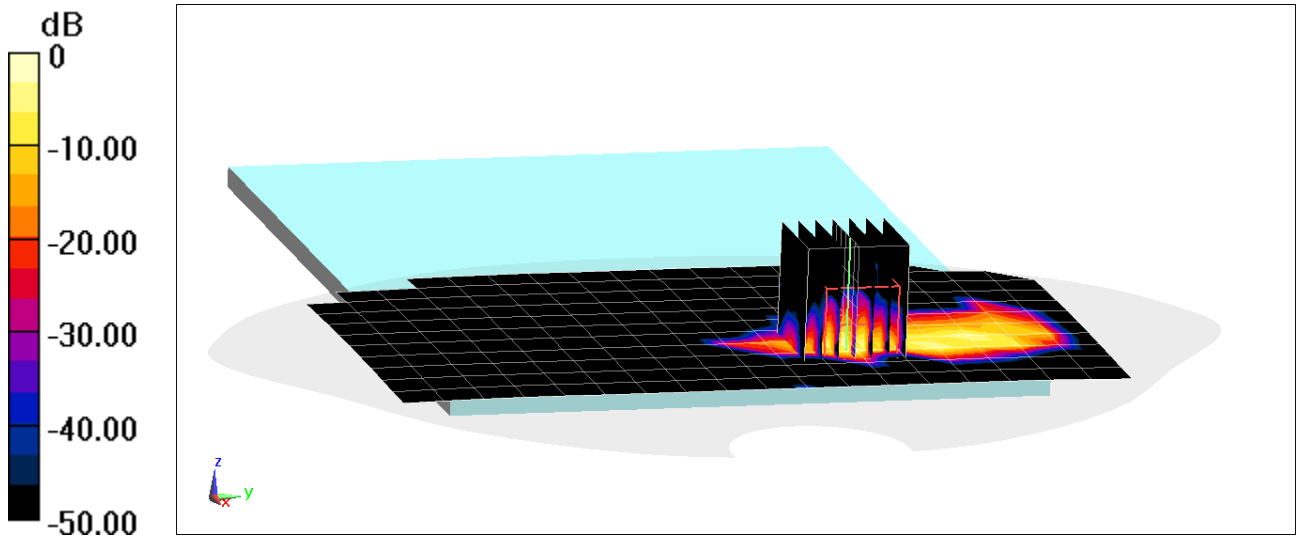
Communication System: UID 0, LTE Band 48; Frequency: 3690 MHz; Duty Cycle: 1:1.58
Medium: 3500-3700 Body; Medium parameters used (interpolated):
f = 3690 MHz; σ = 3.565 S/m; ε_r = 49.273; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-13-2021; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF(6.57, 6.57, 6.57) @ 3690 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 48 ULCA, Antenna 1, Body SAR, Back side, High.ch,
PCC: 20 MHz Bandwidth, QPSK, Ch. 56640, 50 RB, 0 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 56442, 50, 50 RB Offset

Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 15.56 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 5.45 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.194 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

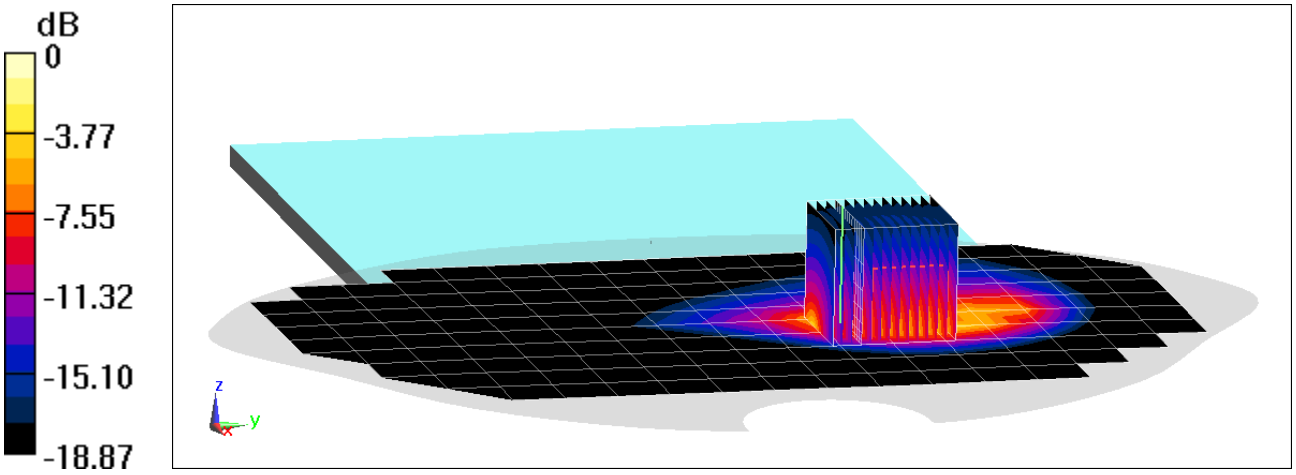
Communication System: UID 0, NR Band n71; Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 680.5 MHz; σ = 0.944 S/m; ε_r = 53.721; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-11-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7546; ConvF(9.95, 9.95, 9.95) @ 680.5 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n71, Antenna 3, Body SAR, Back Side, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 136100, 1 RB, 1 RB Offset

Area Scan (11x18x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (13x14x8)/Cube 0: Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 26.87 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.86 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.337 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

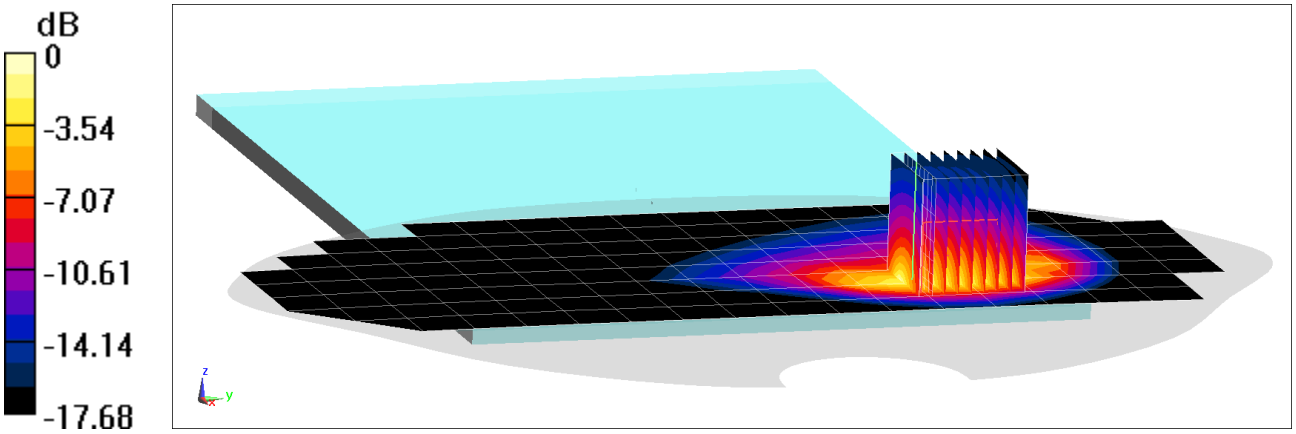
Communication System: UID 0, NR Band n12; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: 750 Body; Medium parameters used (interpolated):
f = 707.5 MHz; σ = 0.931 S/m; ε_r = 54.397; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-24-2021; Ambient Temp:20.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 707.5 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 n12, Antenna 3, Body SAR, Back Side, 15 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 141500, 36 RB, 22 RB Offset

Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 28.00 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.347 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: KG16L7Y3JY

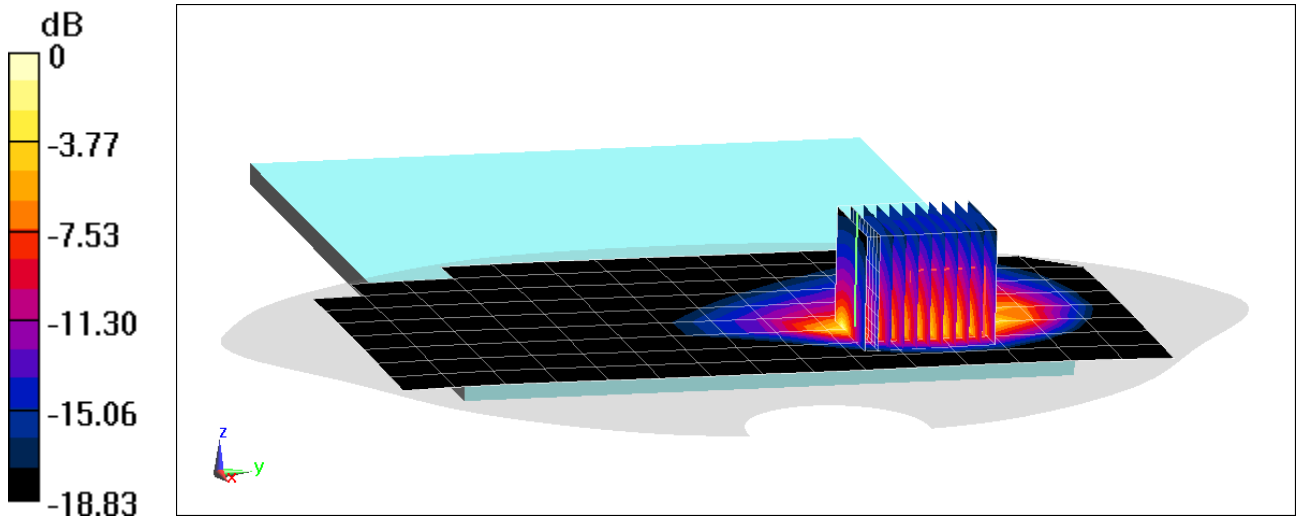
Communication System: UID 0, NR Band n5; Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium: 835 Body; Medium parameters used (interpolated):
f = 836.5 MHz; σ = 0.995 S/m; ε_r = 54.638; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-20-2021; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 836.5 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n5, Antenna 3, Body SAR, Back Side, 20 MHz Bandwidth, CP-OFDM QPSK, Ch. 167300, 1 RB, 1 RB Offset

Area Scan (10x16x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (10x11x8)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 27.58 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.40 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.397 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

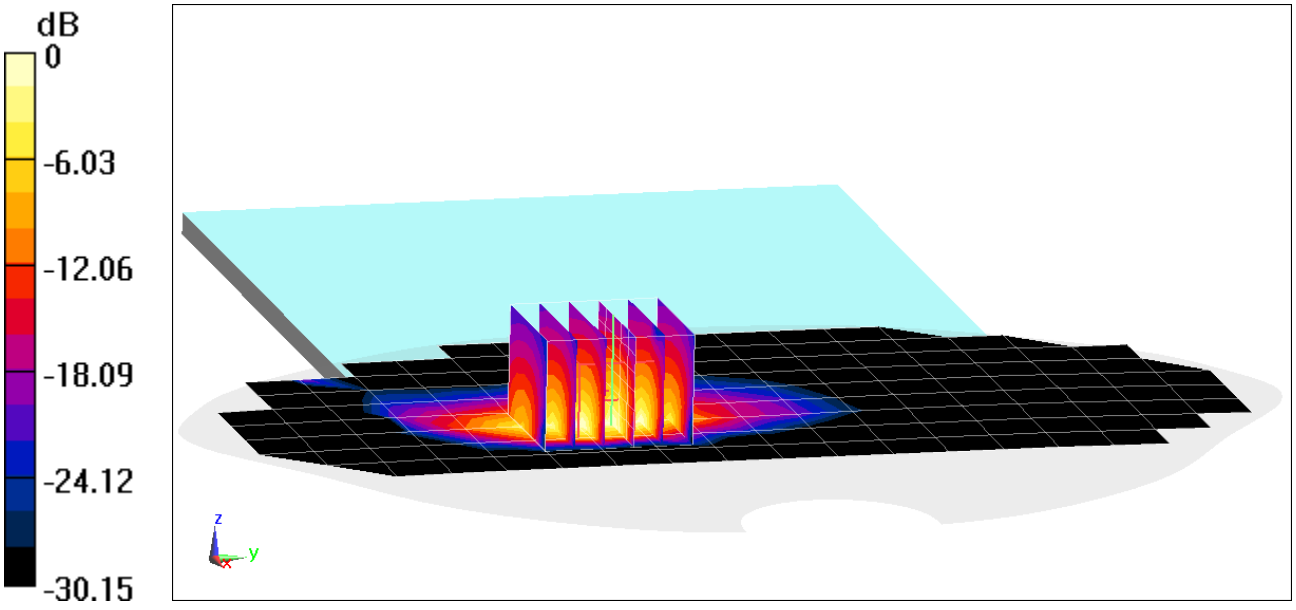
Communication System: UID 0, NR Band n66; Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: 1750 Body; Medium parameters used (interpolated):
f = 1720 MHz; σ = 1.443 S/m; ε_r = 51.388; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-24-2021; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1720 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 n66, Antenna 4b, Body SAR, Back Side, 20 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 344000, 1 RB, 1 RB Offset

Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.97 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.323 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

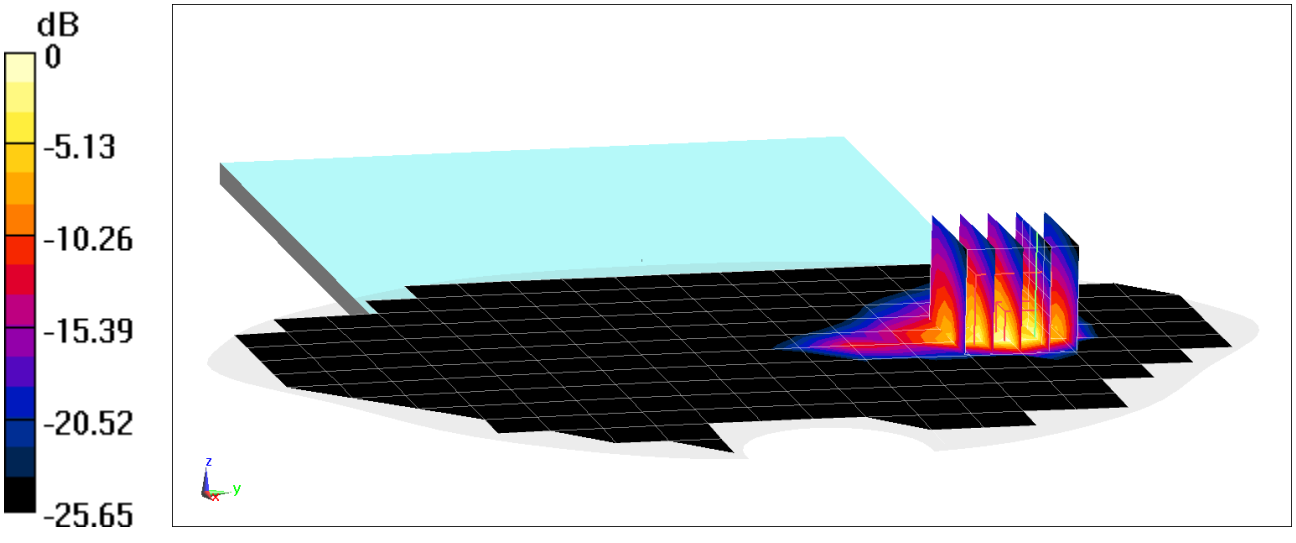
Communication System: UID 0, NR Band n25; Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium: 1900 Body; Medium parameters used (interpolated):
f = 1882.5 MHz; σ = 1.57 S/m; ε_r = 52.227; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 03-01-2021; Ambient Temp: 23.6°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7558; ConvF(7.93, 7.93, 7.93) @ 1882.5 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 n25, Antenna 1, Body SAR, Back Side, 20 MHz Bandwidth, CP-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset

Area Scan (15x21x1): Measurement grid: dx=15mm, dy=15mm
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.23 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.321 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

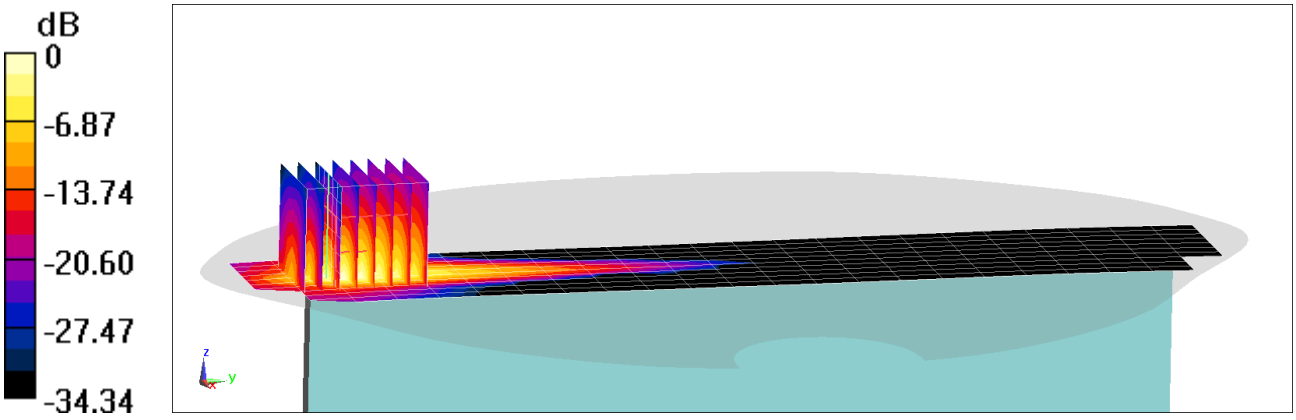
Communication System: UID 0, NR Band n41; Frequency: 2592.99 MHz; Duty Cycle: 1:2
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2592.99 MHz; σ = 2.167 S/m; ε_r = 50.078; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-31-2021; Ambient Temp: 22.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7546; ConvF(7.17, 7.17, 7.17) @ 2592.99 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n41 PC2, Antenna 1, Body SAR, Left Edge, 100 MHz Bandwidth, CP-OFDM QPSK, Ch. 518598, 1 RB, 1 RB Offset

Area Scan (7x25x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.36 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.43 W/kg
SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.311 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: KG16L7Y3JY

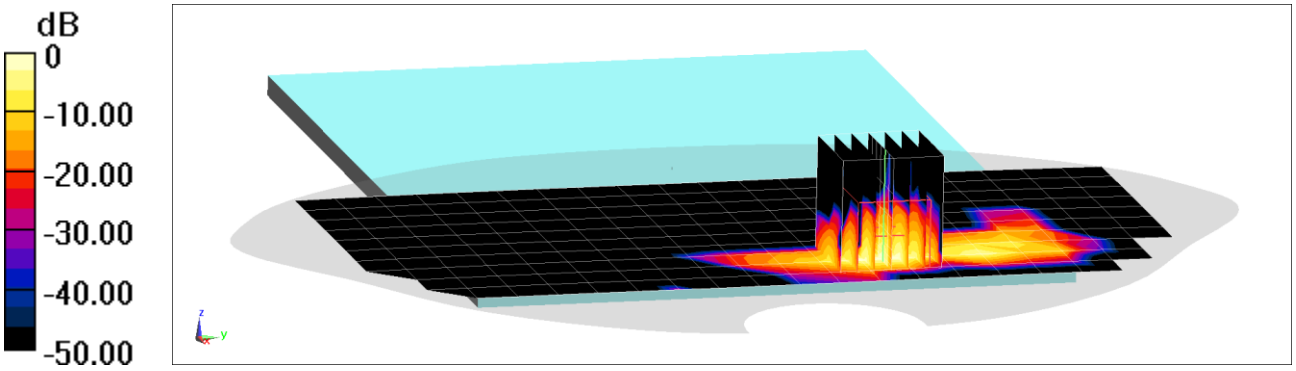
Communication System: UID 0, NR Band n77 full DC; Frequency: 3930 MHz; Duty Cycle: 1:2
Medium: 3700-3900 Body; Medium parameters used:
f = 3930 MHz; σ = 3.764 S/m; ε_r = 49.852; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-08-2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3837; ConvF(5.97, 5.97, 5.97) @ 3930 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n77 PC2, Antenna 3, Body SAR, Back side, Ch. 662000, 100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset

Area Scan (9x10x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 15.81 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.167 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: JQCHWJY6JD

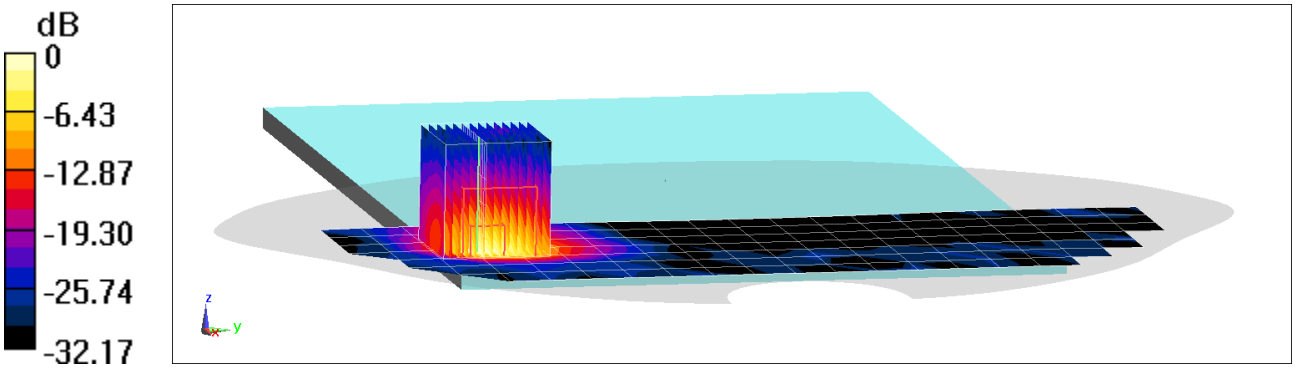
Communication System: UID 0, IEEE 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2437 MHz; σ = 2.014 S/m; ε_r = 50.999; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-17-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7427; ConvF(7.26, 7.26, 7.26) @ 2437 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: IEEE 802.11b, Antenna 4a, Variant 1, 22 MHz Bandwidth, Body SAR, Ch 6, 1 Mbps, Back Side

Area Scan (8x21x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (14x14x8)/Cube 0: Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 20.01 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.310 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: JNP9VWFWX1

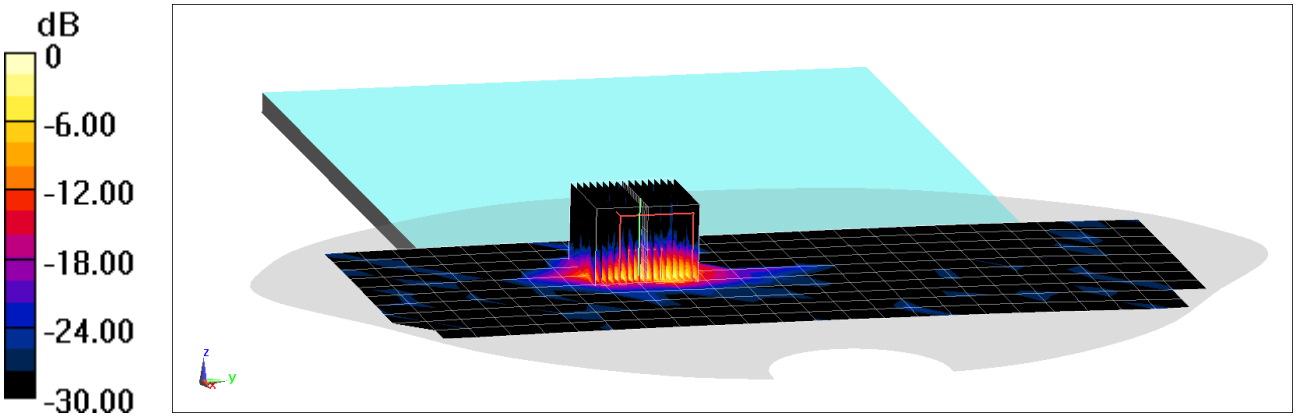
Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body; Medium parameters used (interpolated):
f = 5775 MHz; σ = 6.251 S/m; ε_r = 46.799; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-21-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7416; ConvF(4.14, 4.14, 4.14) @ 5775 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: IEEE 802.11ac, Antenna 4b, Variant 1, U-NII-3, 80 MHz Bandwidth, Body SAR, Ch 155, 29.3 Mbps, Back Side

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (17x17x7)/Cube 0: Measurement grid: dx=1.9mm, dy=1.9mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 13.19 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 6.58 W/kg
SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.264 W/kg



0 dB = 3.02 W/kg = 4.80 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: RV40MWX20Q

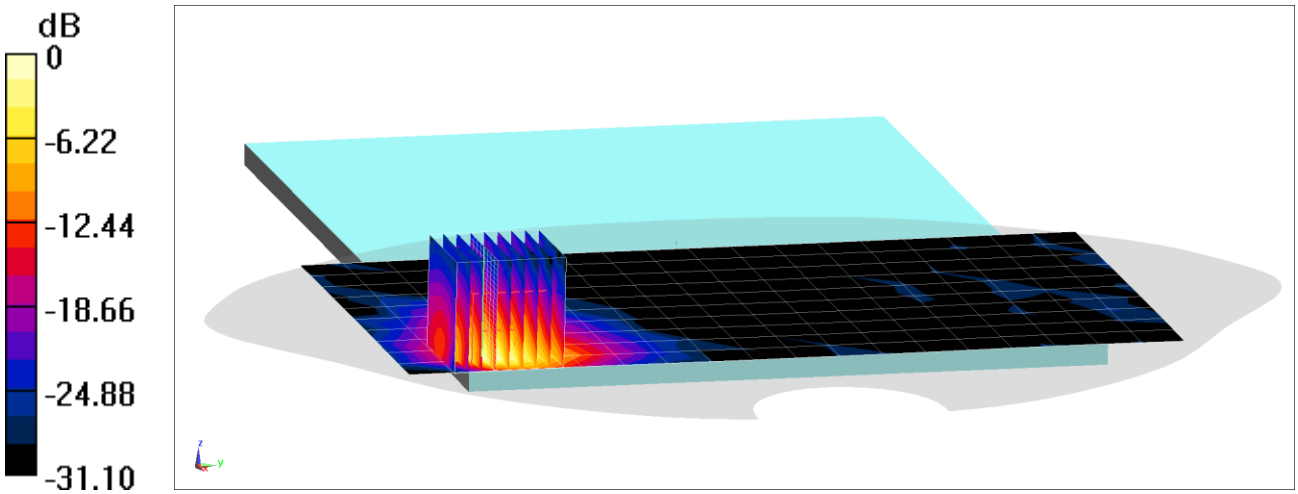
Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.29867
Medium: 2450 Body; Medium parameters used (interpolated):
f = 2402 MHz; σ = 1.947 S/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 01-23-2021; Ambient Temp: 23.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7427; ConvF(7.26, 7.26, 7.26) @ 2402 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: Bluetooth, Antenna 4a, Variant 1, Body SAR, Ch 0, 1 Mbps, Back Side

Area Scan (11x19x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (9x9x23)/Cube 0: Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 23.98 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.88 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.354 W/kg



0 dB = 2.24 W/kg = 3.50 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

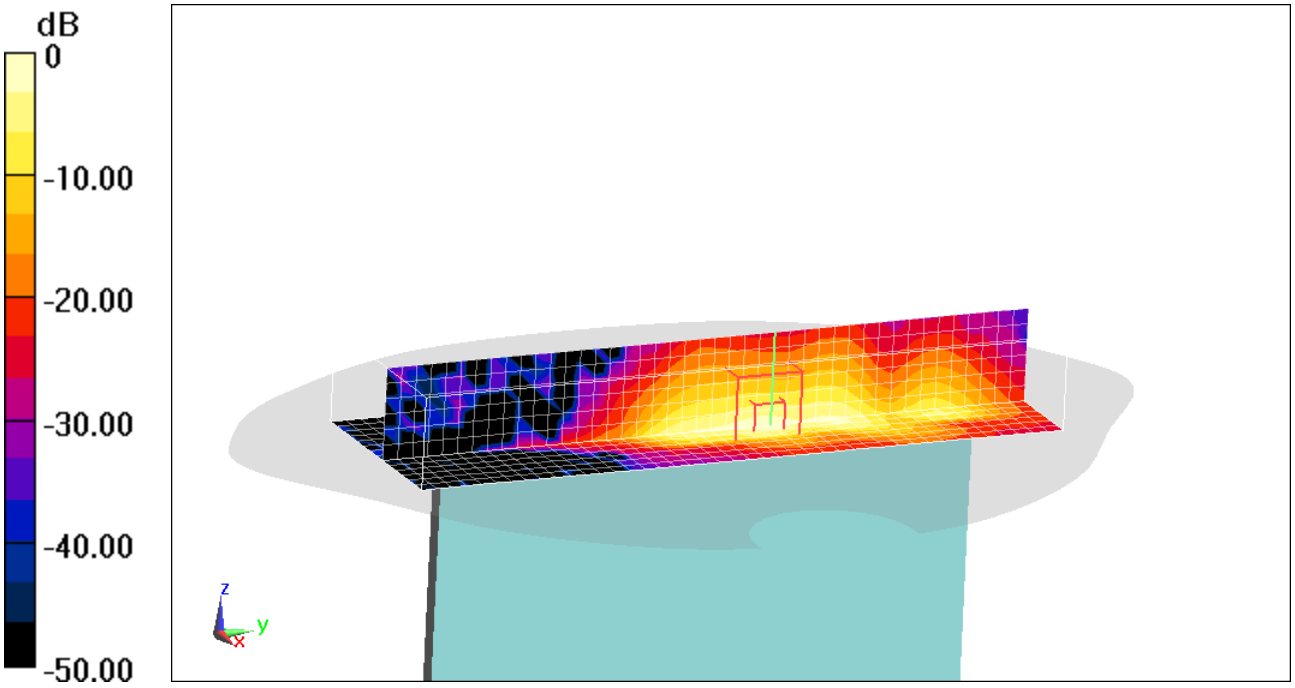
Communication System: UID 0, LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2560 MHz; σ = 2.141 S/m; ε_r = 50.176; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-22-2021; Ambient Temp: 22.5°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF(7.4, 7.4, 7.4) @ 2560 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 7, Antenna 3, Body SAR, Top Edge, High.ch,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Zoom Scan (15x44x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.25 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.248 W/kg



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

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

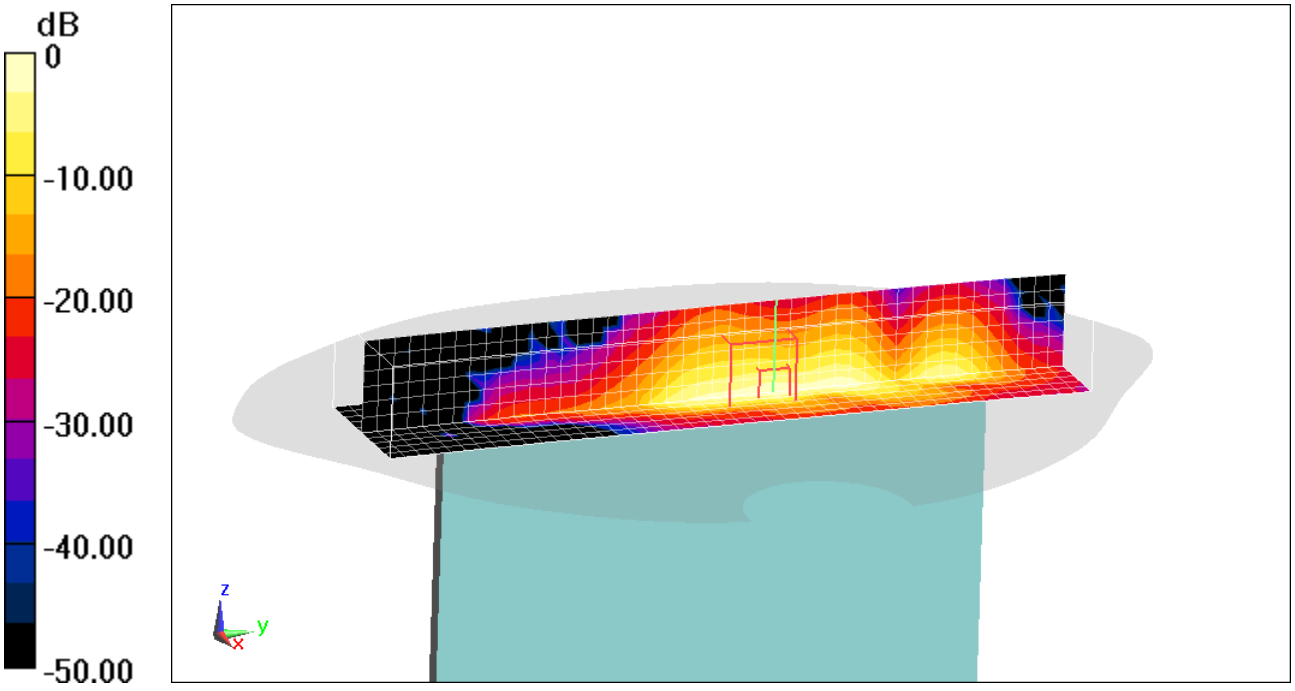
Communication System: UID 0, _LTE Band 41 (Class 2); Frequency: 2593 MHz; Duty Cycle: 1:2.30994
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2593 MHz; σ = 2.145 S/m; ε_r = 52.02; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-21-2021; Ambient Temp: 22.1°C; Tissue Temp: 23.0°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 3, Body SAR, Top Edge, Mid.ch,
PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 1 RB, 0 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 40422, 1, 99 RB Offset

Zoom Scan (11x47x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.75 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.310 W/kg



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

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: V9NL2W43VC

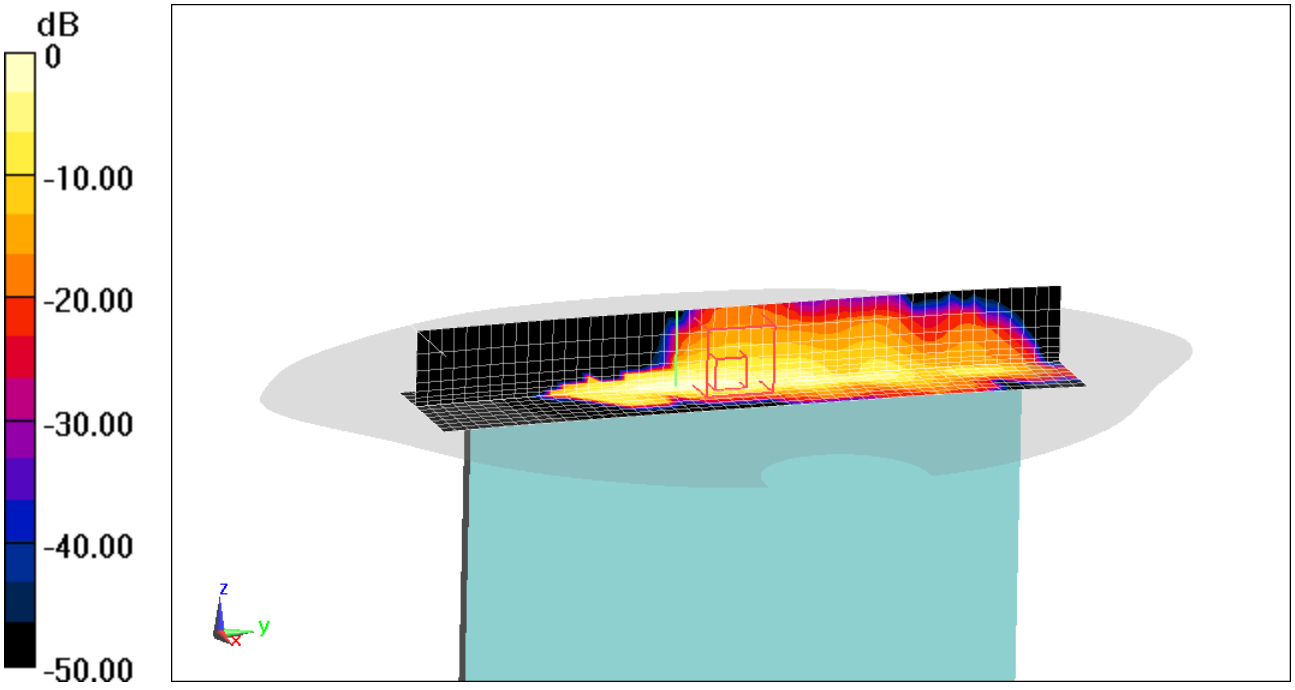
Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2592.99 MHz; σ = 2.145 S/m; ε_r = 52.02; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-21-2021; Ambient Temp: 22.1°C; Tissue Temp: 23.0°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, Antenna 3, Body SAR, Top Edge, 100 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 138 RB Offset

Zoom Scan (10x47x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.75 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.226 W/kg



0 dB = 4.39 W/kg = 6.42 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: JNP9VWFWX1

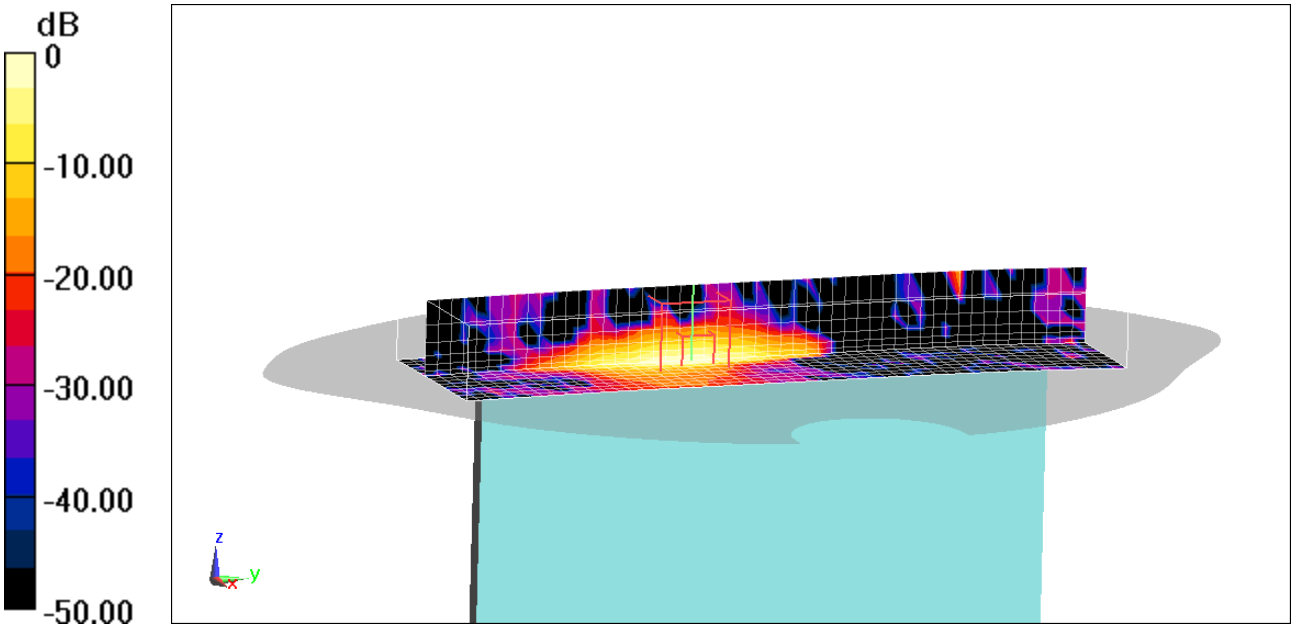
Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body; Medium parameters used (interpolated):
f = 5775 MHz; σ = 6.146 S/m; ε_r = 46.771; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 02-18-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF(4.14, 4.14, 4.14) @ 5775 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: IEEE 802.11ac, Antenna 4b, Variant 1, U-NII-3, 80 MHz Bandwidth, Body SAR, Ch 155, 29.3 Mbps, Top Edge

Zoom Scan (16x53x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 3.132 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.76 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.139 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

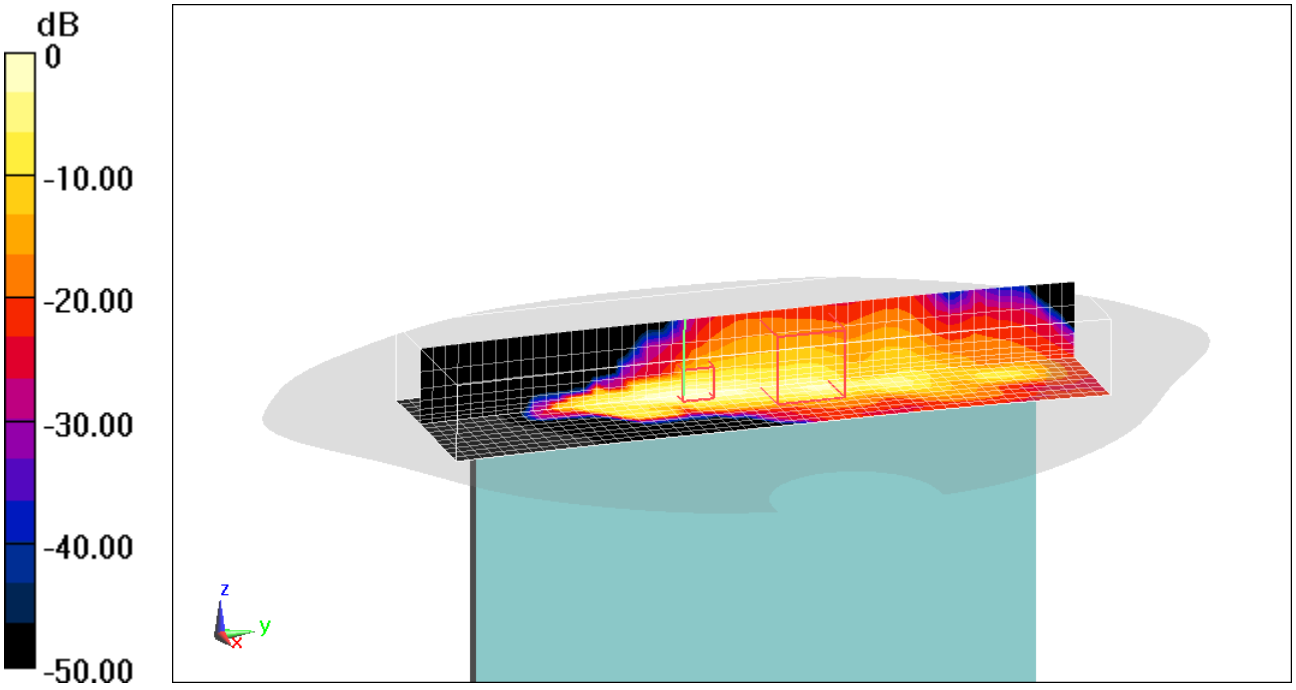
PCTEST

DUT: BCGA2301; Type: Tablet Device

Mode: LTE Band 7, Antenna 3, Body SAR, Top Edge, High.ch,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset, Scaling Factor: 1.242
Communication System: UID 0, LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: 2450-2600 MHz Body; Medium parameters used (interpolated):
f = 2560 MHz; σ = 2.141 S/m; ε_r = 50.176; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Mode: IEEE 802.11ac, Antenna 4b, Variant 1, U-NII-3,
80 MHz Bandwidth, Body SAR, Ch 155, 29.3 Mbps, Top Edge, Scaling Factor: 1.128
Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body; Medium parameters used (interpolated):
f = 5775 MHz; σ = 6.146 S/m; ε_r = 46.771; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Multi Band Result:
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.302 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

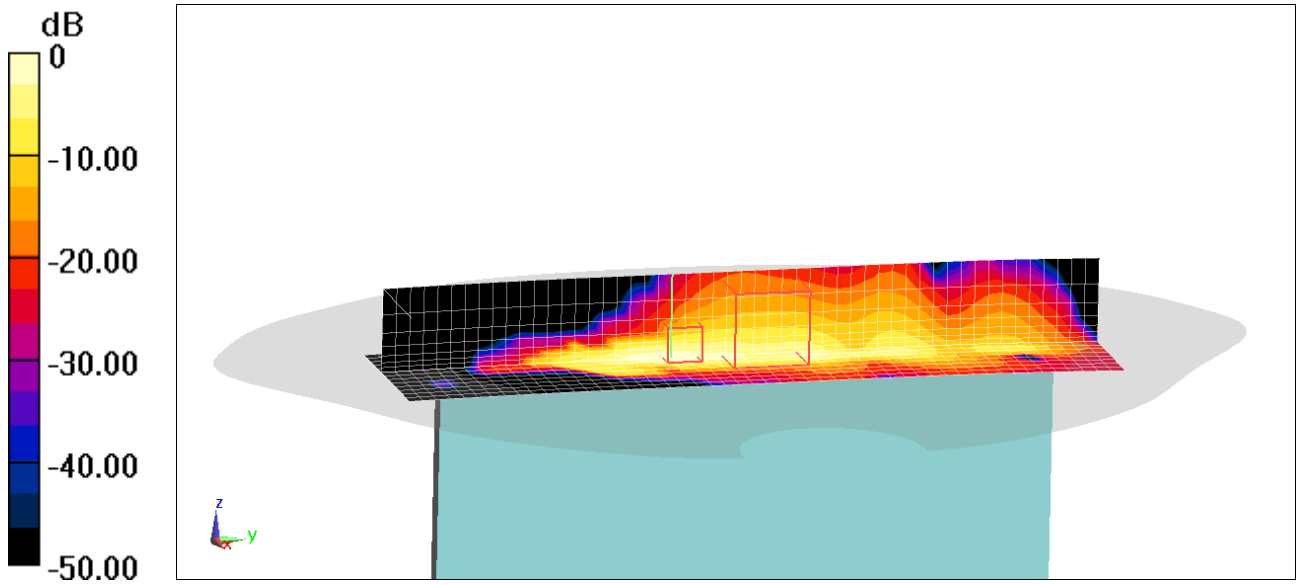
PCTEST

DUT: BCGA2301; Type: Tablet Device

Mode: LTE Band 41 ULCA, Antenna 3, Body SAR, Top Edge, Mid.ch,
PCC: 20 MHz Bandwidth, QPSK, Ch. 40620, 1 RB, 0 RB Offset
SCC: 20 MHz Bandwidth, QPSK, Ch. 40422, 1, 99 RB Offset, Scaling Factor: 1.000
Communication System: UID 0, _LTE Band 41 (Class 2); Frequency: 2593 MHz; Duty Cycle: 1:2.30994
Medium: 2450-2600 Body; Medium parameters used (interpolated):
f = 2593 MHz; σ = 2.145 S/m; ε_r = 52.02; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Mode: IEEE 802.11ac, Antenna 4b, Variant 1, U-NII-3,
80 MHz Bandwidth, Body SAR, Ch 155, 29.3 Mbps, Top Edge, Scaling Factor: 1.128
Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body; Medium parameters used (interpolated):
f = 5775 MHz; σ = 6.146 S/m; ε_r = 46.771; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Multi Band Result:
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.321 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device

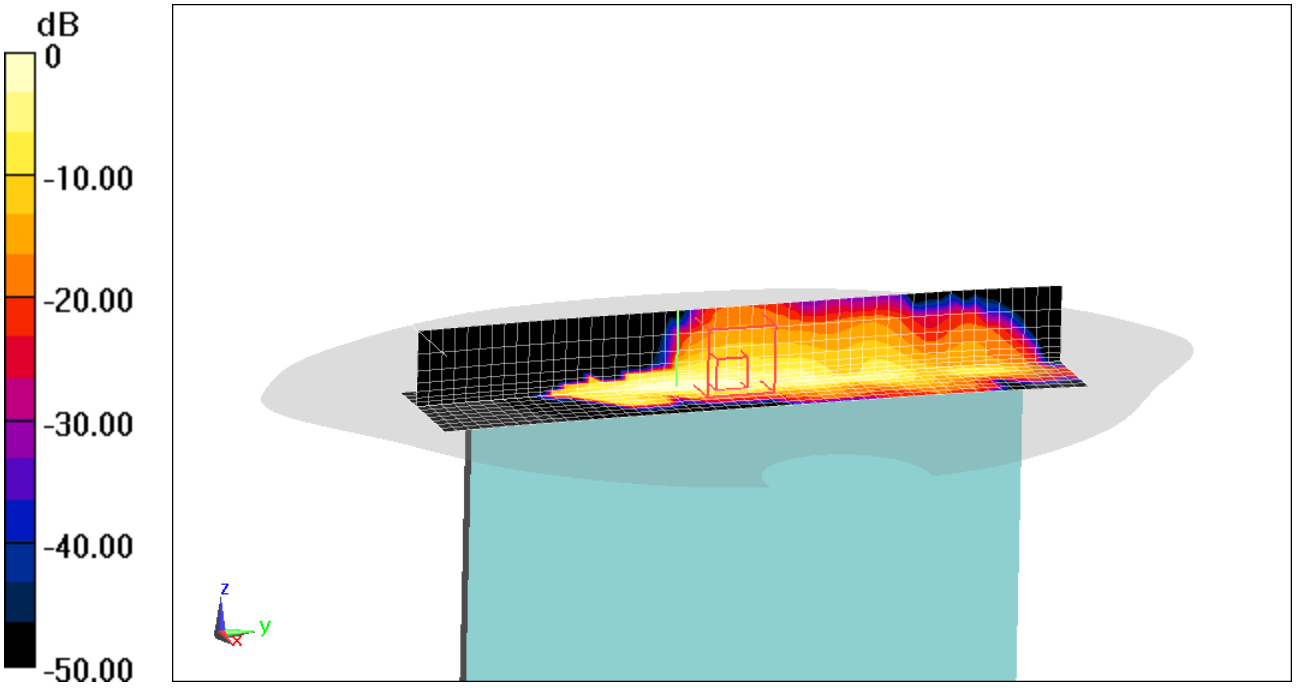
Mode: NR Band n41, Antenna 3, Body SAR, Top Edge, 100 MHz Bandwidth, DFT-s-OFDM QPSK, Ch. 518598, 135 RB, 138 RB Offset, Scaling Factor: 1.247

Communication System: UID 0, NR Band n41 Full DC; Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body; Medium parameters used (interpolated):
$f = 2592.99$ MHz; $\sigma = 2.145$ S/m; $\varepsilon_r = 52.02$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Mode: IEEE 802.11ac, Antenna 4b, Variant 1, U-NII-3, 80 MHz Bandwidth, Body SAR, Ch 155, 29.3 Mbps, Top Edge, Scaling Factor: 1.128

Communication System: UID 0, 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body; Medium parameters used (interpolated):
$f = 5775$ MHz; $\sigma = 6.146$ S/m; $\varepsilon_r = 46.771$; $\rho = 1000$ kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Multi Band Result:
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.318 W/kg



0 dB = 4.39 W/kg = 6.42 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: K6PKG4309Q

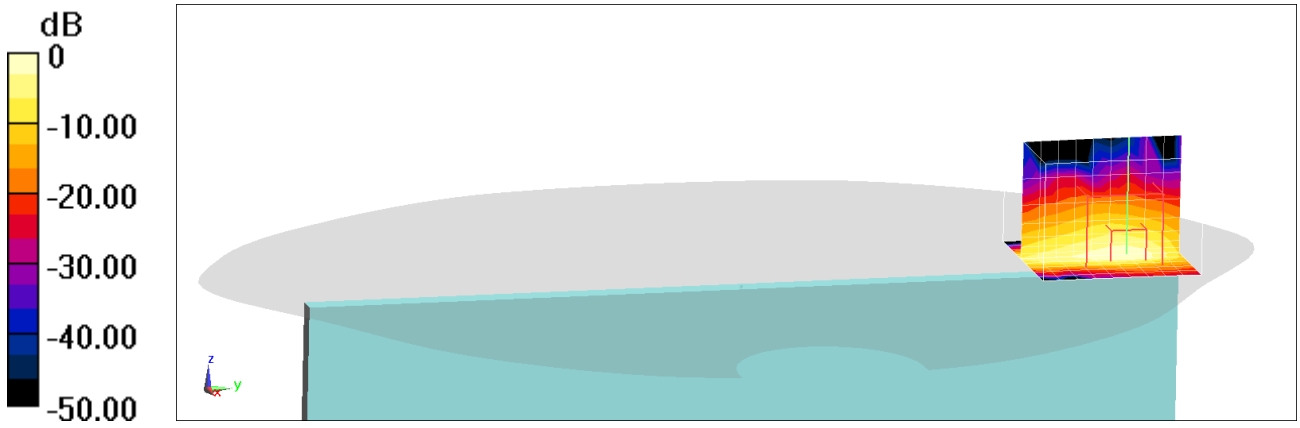
Communication System: UID 0, LTE Band 48; Frequency: 3560 MHz; Duty Cycle: 1:1.58
Medium: 3500-3900 MHz Body; Medium parameters used:
f = 3560 MHz; σ = 3.471 S/m; ε_r = 50.527; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 03-15-2021; Ambient Temp: 20.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF(6.3, 6.3, 6.3) @ 3560 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: LTE Band 48, Antenna 2a, Body SAR, Right Edge, Low.ch, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset

Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 10.75 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 4.23 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.249 W/kg



0 dB = 2.24 W/kg = 3.50 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device; Serial: VCQ19419TY

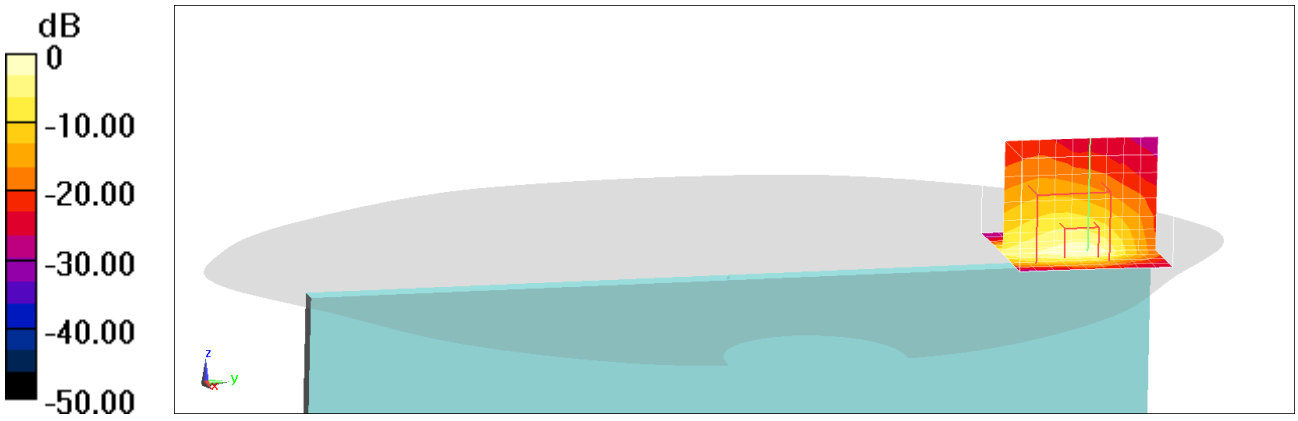
Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.30197
Medium: 2450-2700 MHz Body; Medium parameters used (interpolated):
f = 2402 MHz; σ = 1.995 S/m; ε_r = 50.898; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Test Date: 03-15-2021; Ambient Temp: 23.8°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7546; ConvF(7.32, 7.32, 7.32) @ 2402 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: Bluetooth, Antenna 2a, Variant 2, Body SAR. Ch 0, 1 Mbps, Right Edge

Zoom Scan (10x10x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm; Graded Ratio: 1.4
Reference Value = 12.70 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.085 W/kg



0 dB = 0.602 W/kg = -2.20 dBW/kg

PCTEST

DUT: BCGA2301; Type: Tablet Device

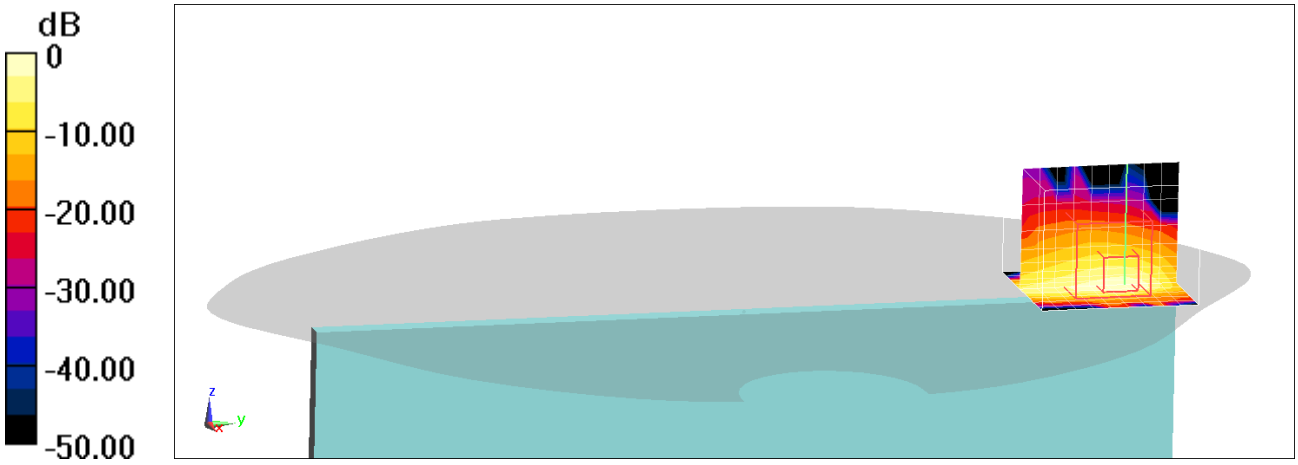
Mode: LTE Band 48, Antenna 2a, Body SAR, Right Edge, Low.ch, 20 MHz Bandwidth, QPSK, 50 RB, 50 RB Offset, Scaling Factor: 1.096

Communication System: UID 0, LTE Band 48; Frequency: 3560 MHz; Duty Cycle: 1:1.58
Medium: 3500-3700 MHz Body; Medium parameters used:
f = 3560 MHz; σ = 3.471 S/m; ε_r = 50.527; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Mode: Bluetooth, Antenna 2a, Variant 2, Body SAR. Ch 0, 1 Mbps, Right Edge, Scaling Factor: 1.180

Communication System: UID 0, Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.30197
Medium: 2450 MHz Body; Medium parameters used (interpolated):
f = 2402 MHz; σ = 1.995 S/m; ε_r = 50.898; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 0.0 cm

Multi Band Result:
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.356 W/kg



0 dB = 4.12 W/kg = 6.15 dBW/kg

APPENDIX B: SYSTEM VERIFICATION

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1034

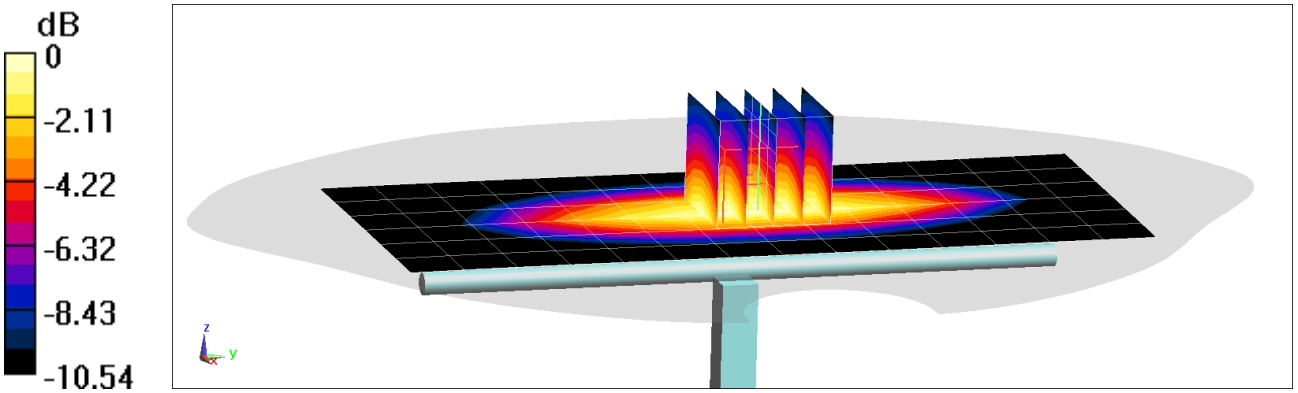
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used (interpolated):
f = 750 MHz; σ = 0.97 S/m; ε_r = 53.819; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-06-2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7427; ConvF(10.16, 10.16, 10.16) @ 750 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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) = 2.38 W/kg
SAR(1 g) = 1.72 W/kg; SAR(10 g) = 1.13 W/kg
Deviation(1 g) = 0.35%



0 dB = 2.30 W/kg = 3.62 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1034

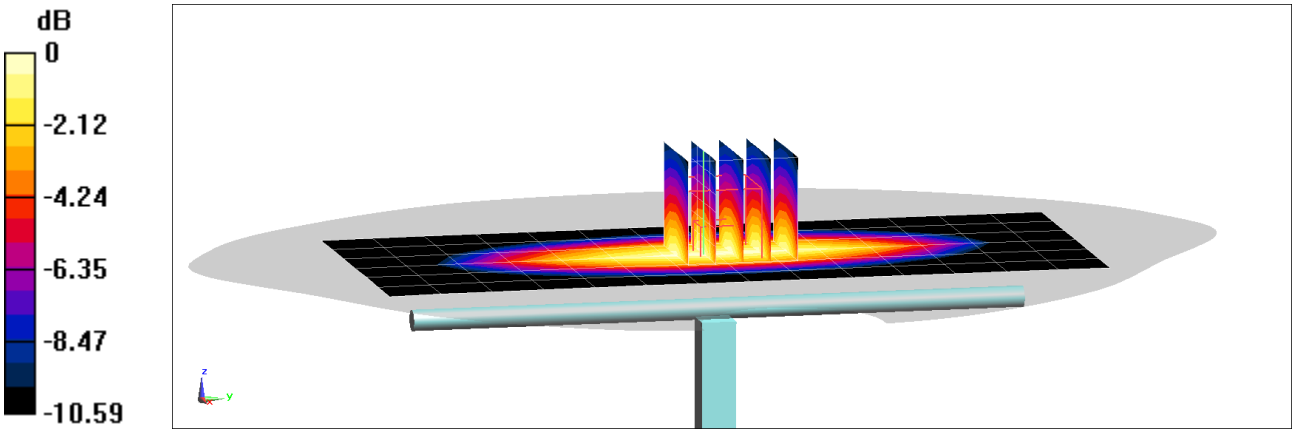
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used (interpolated):
f = 750 MHz; σ = 0.964 S/m; ε_r = 54.252; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-18-2021; Ambient Temp: 22.3°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 750 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)

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) = 2.67 W/kg
SAR(1 g) = 1.77 W/kg; SAR(10 g) = 1.17 W/kg
Deviation(1 g) = 3.27%



0 dB = 2.35 W/kg = 3.71 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1034

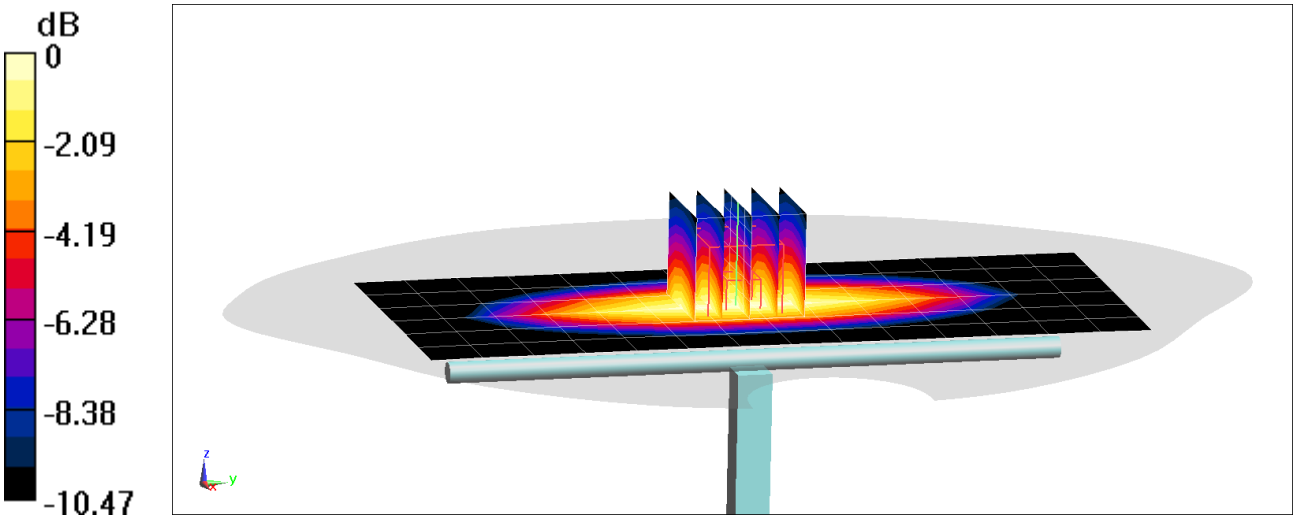
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used (interpolated):
f = 750 MHz; σ = 0.992 S/m; ε_r = 53.849; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-20-2021; Ambient Temp: 21.3°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 750 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)

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) = 2.64 W/kg
SAR(1 g) = 1.74 W/kg; SAR(10 g) = 1.14 W/kg
Deviation(1 g) = 1.52%



0 dB = 2.34 W/kg = 3.69 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1034

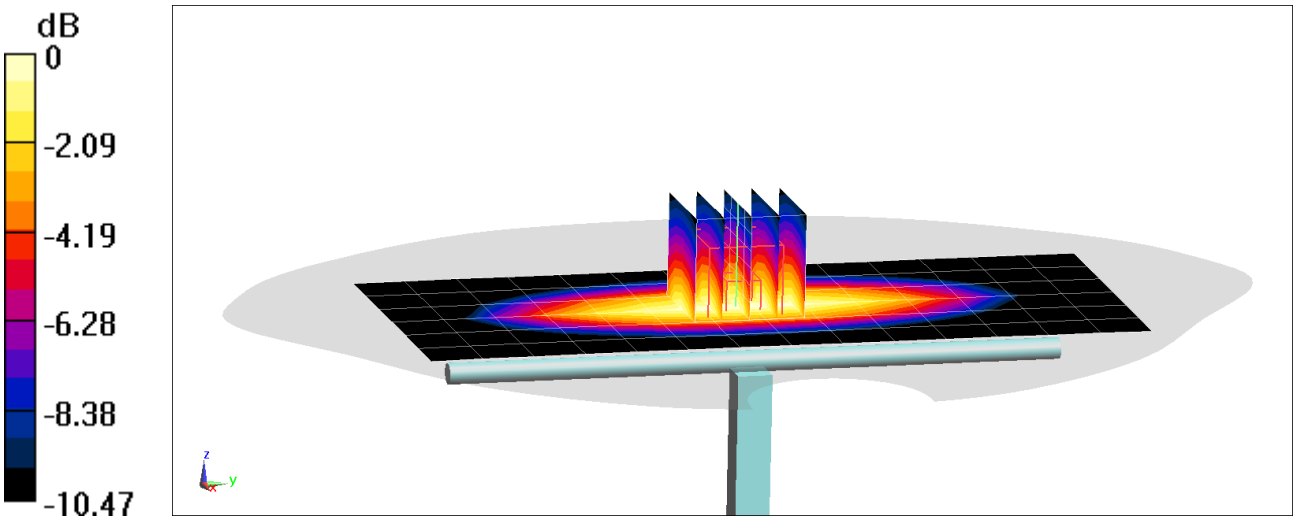
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
Medium: 750 Body Medium parameters used (interpolated):
f = 750 MHz; σ = 0.948 S/m; ε_r = 54.284; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-24-2021; Ambient Temp:20.9°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7558; ConvF(10.41, 10.41, 10.41) @ 750 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)

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) = 2.61 W/kg
SAR(1 g) = 1.71 W/kg; SAR(10 g) = 1.12 W/kg
Deviation(1 g) = -0.23%



0 dB = 2.34 W/kg = 3.69 dBW/kg

PCTEST

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1057

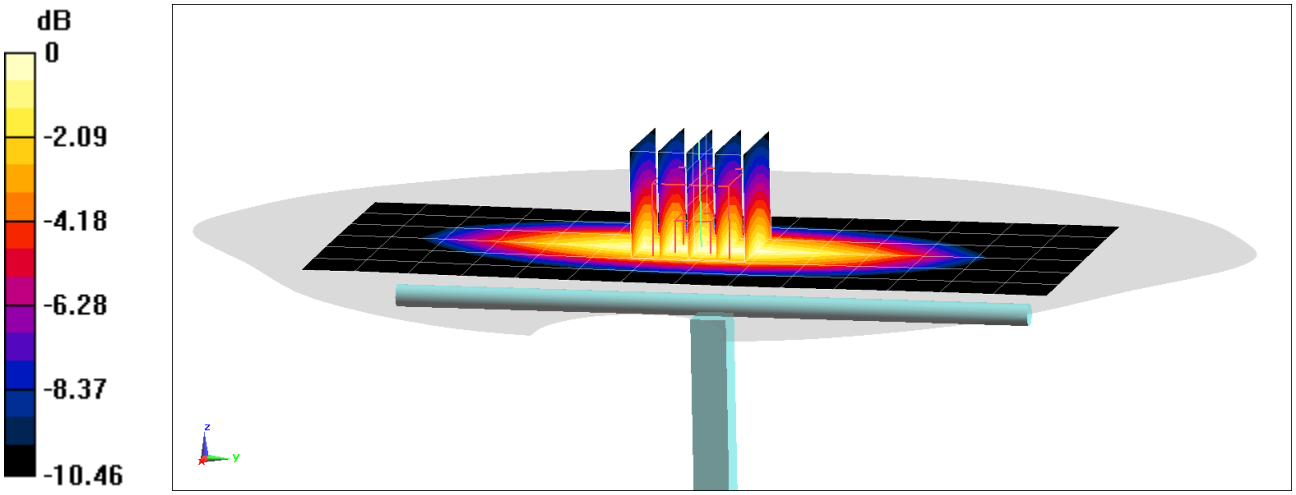
Communication System: UID 0, CW; Frequency: 750 MHz; Duty Cycle: 1:1
750 Body Medium parameters used (interpolated):
f = 750 MHz; σ = 0.969 S/m; ε_r = 53.559; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02-11-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7546; ConvF(9.95, 9.95, 9.95) @ 750 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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) = 2.63 W/kg
SAR(1 g) = 1.73 W/kg; SAR(10 g) = 1.14 W/kg
Deviation(1 g) = 0.12%



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

PCTEST

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

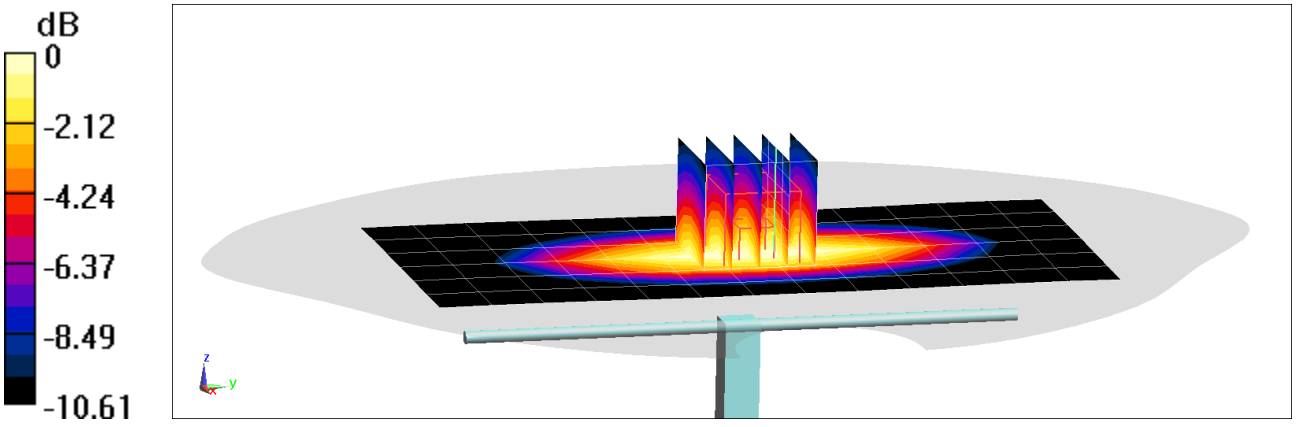
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 835 MHz; σ = 0.993 S/m; ε_r = 53.22; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-06-2021; Ambient Temp: 22.1°C; Tissue Temp: 19.6°C

Probe: EX3DV4 - SN7546; ConvF(9.75, 9.75, 9.75) @ 835 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 3.09 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.33 W/kg
Deviation(1 g) = 6.51%



0 dB = 2.85 W/kg = 4.55 dBW/kg

PCTEST

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

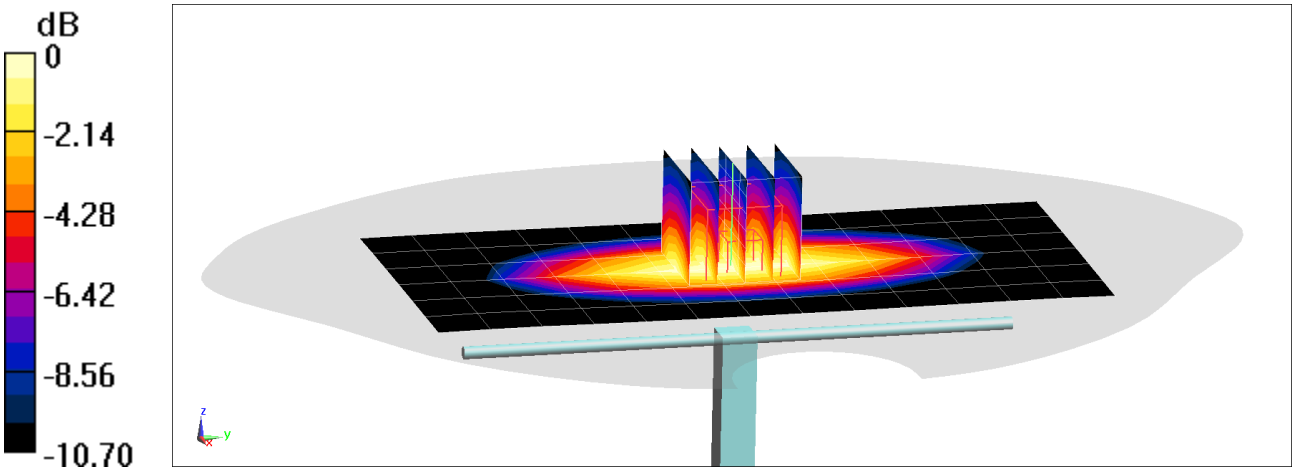
Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 850 MHz; σ = 1.011 S/m; ε_r = 53.129; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-15-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 850 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
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) = 3.23 W/kg
SAR(1 g) = 2.14 W/kg; SAR(10 g) = 1.4 W/kg
Deviation(1 g) = 7.32%



0 dB = 2.86 W/kg = 4.56 dBW/kg

PCTEST

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

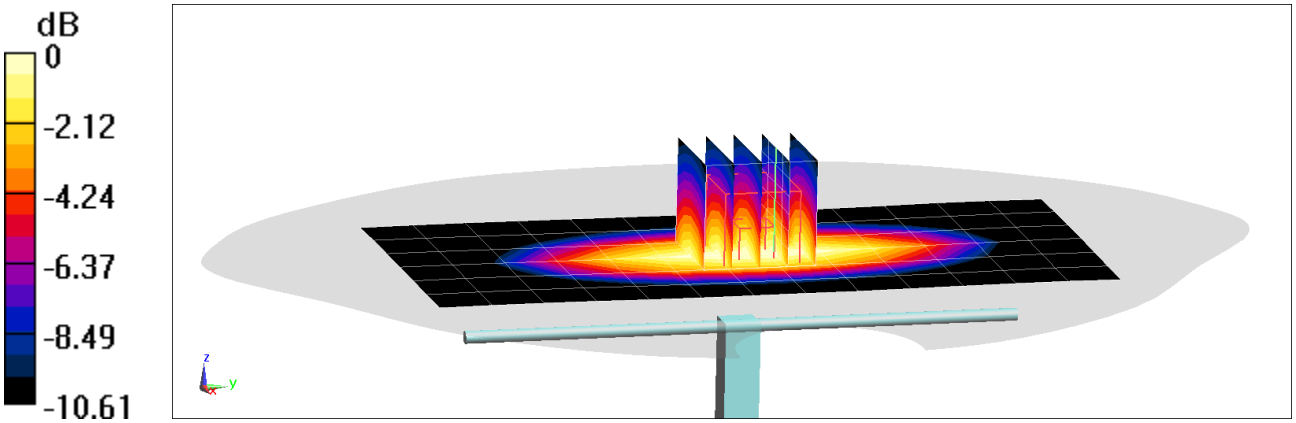
Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 850 MHz; σ = 1.009 S/m; ε_r = 54.497; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-20-2021; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 850 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
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) = 3.22 W/kg
SAR(1 g) = 2.15 W/kg; SAR(10 g) = 1.41 W/kg
Deviation(1 g) = 7.82%



0 dB = 2.85 W/kg = 4.55 dBW/kg

PCTEST

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

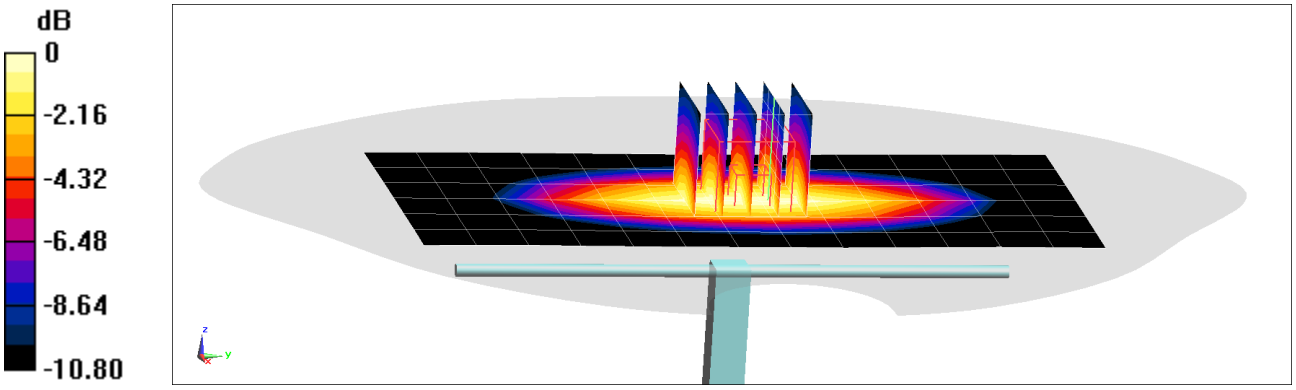
Communication System: UID 0, CW; Frequency: 850 MHz; Duty Cycle: 1:1
Medium: 835 Body Medium parameters used:
f = 850 MHz; σ = 1.017 S/m; ε_r = 53.657; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 01-22-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.4°C

Probe: EX3DV4 - SN7421; ConvF(9.42, 9.42, 9.42) @ 850 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
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) = 3.15 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.37 W/kg
Deviation(1 g) = 5.32%



0 dB = 2.80 W/kg = 4.47 dBW/kg

PCTEST

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

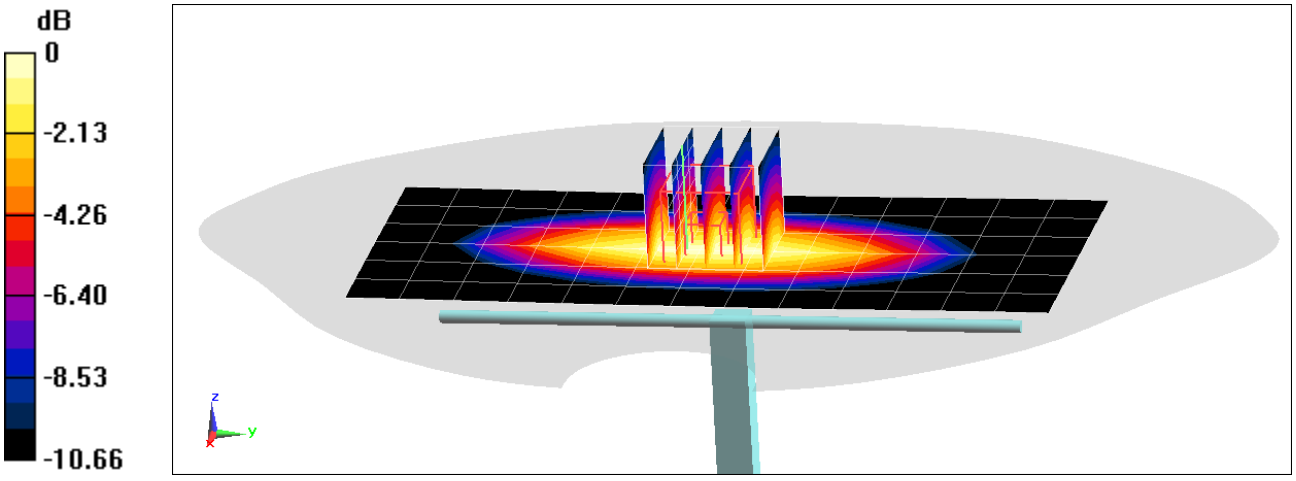
Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
835 Body Medium parameters used:
f = 835 MHz; σ = 0.987 S/m; ε_r = 52.756; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.5 cm

Test Date: 02-03-2021; Ambient Temp: 23.8°C; Tissue Temp: 20.7°C

Probe: EX3DV4 - SN7546; ConvF(9.75, 9.75, 9.75) @ 835 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 3.08 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.32 W/kg
Deviation(1 g) = 5.46%



0 dB = 2.71 W/kg = 4.33 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1092

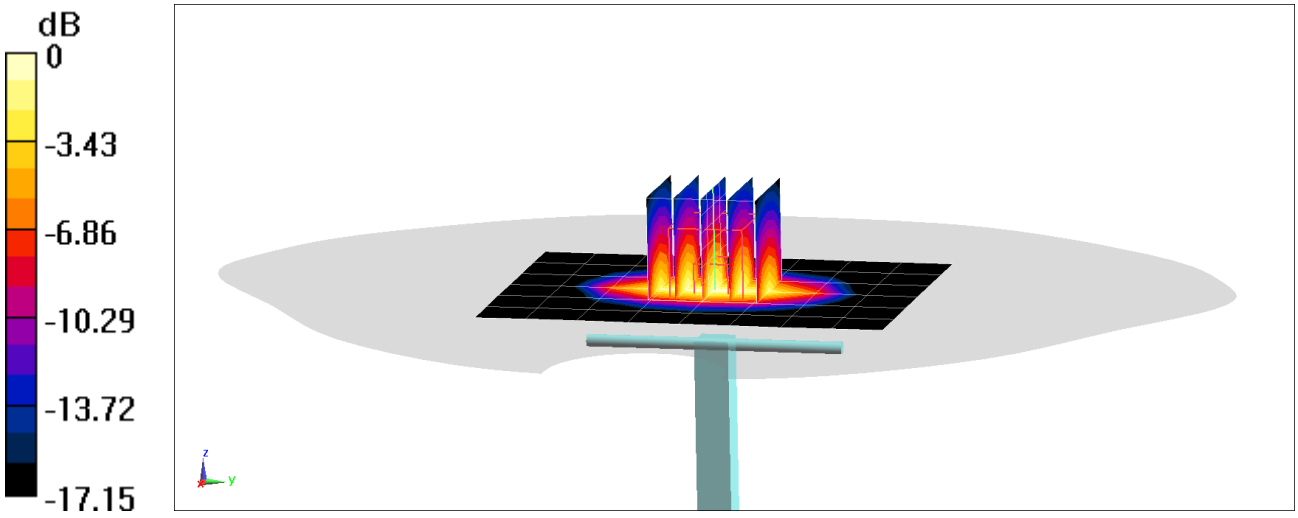
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.506 S/m; ε_r = 50.846; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-10-2021; Ambient Temp: 22.7°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1750 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)

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) = 6.69 W/kg
SAR(1 g) = 3.65 W/kg; SAR(10 g) = 1.91 W/kg
Deviation(1 g) = 0.27 %



0 dB = 5.67 W/kg = 7.54 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1092

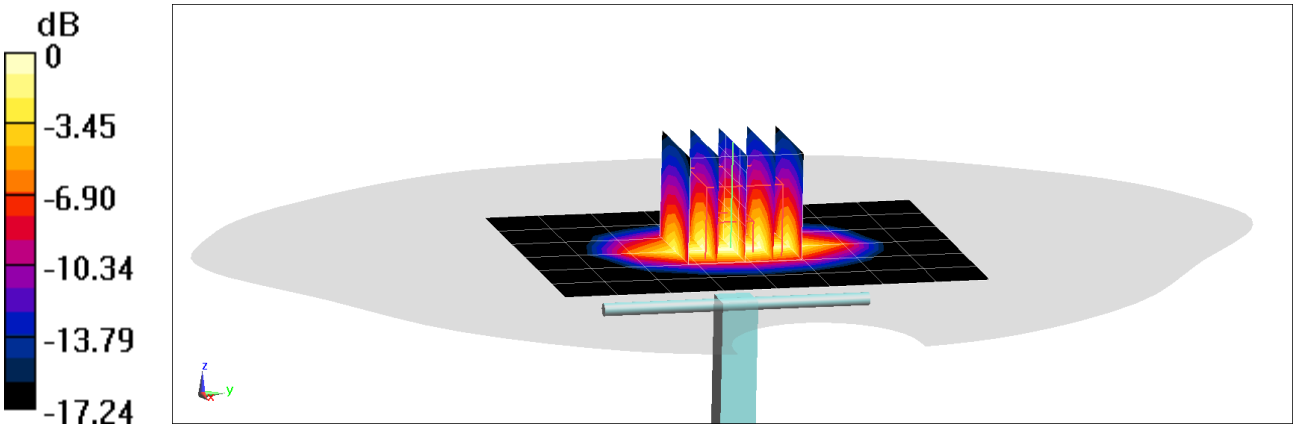
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.517 S/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-14-2021; Ambient Temp: 22.3°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1750 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)

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) = 7.00 W/kg
SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.98 W/kg
Deviation(1 g) = 3.85%



0 dB = 5.86 W/kg = 7.68 dBW/kg

PCTEST

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1092

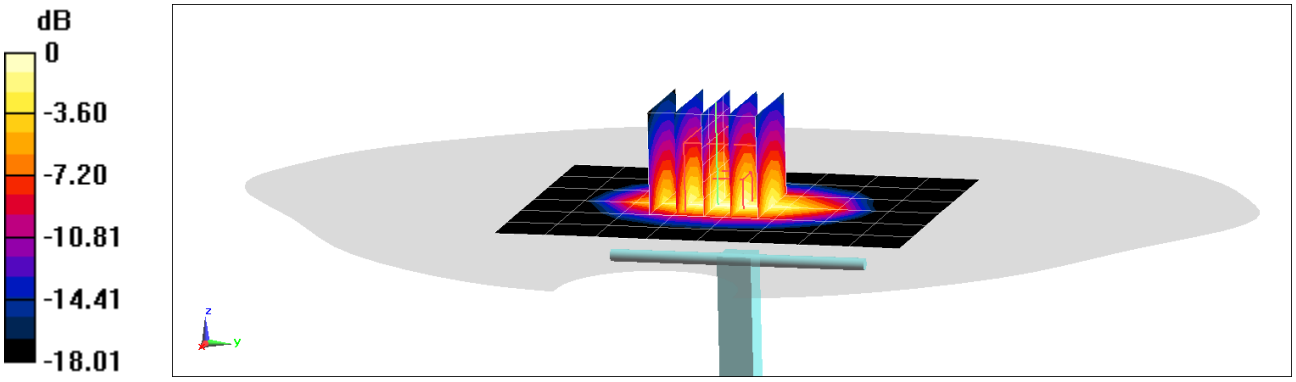
Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1
Medium: 1750 Body Medium parameters used:
f = 1750 MHz; σ = 1.462 S/m; ε_r = 51.33; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-24-2021; Ambient Temp: 22.5°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7558; ConvF(8.27, 8.27, 8.27) @ 1750 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)

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) = 6.98 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.05 W/kg
Deviation(1 g) = 6.87%



0 dB = 5.86 W/kg = 7.68 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d180

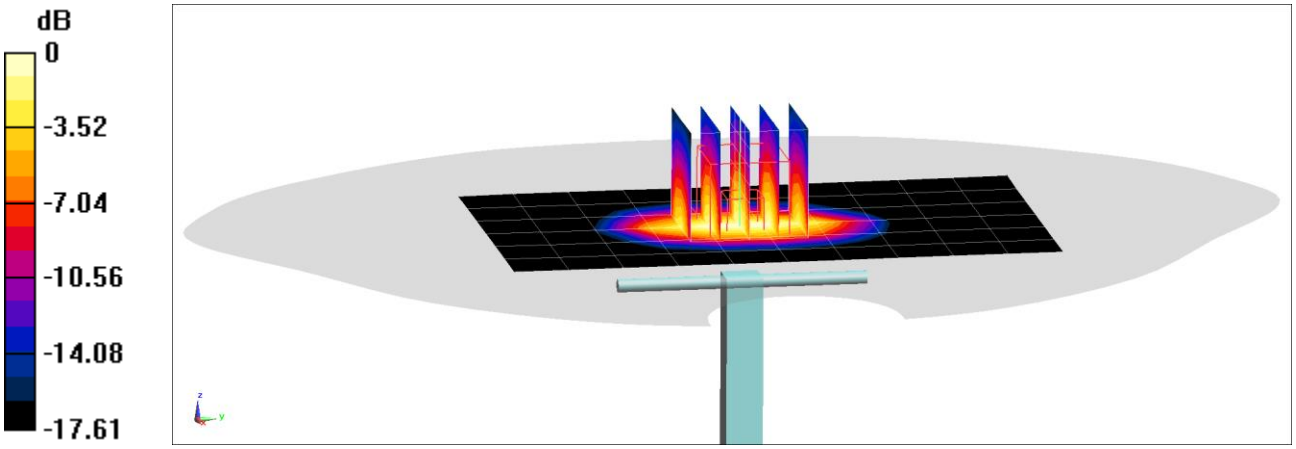
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated):
f = 1900 MHz; σ = 1.527 S/m; ε_r = 51.63; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-12-2021; Ambient Temp: 23.4°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
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) = 6.72 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 2.05 W/kg
Deviation(1 g) = -0.26%



0 dB = 5.76 W/kg = 7.60 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d026

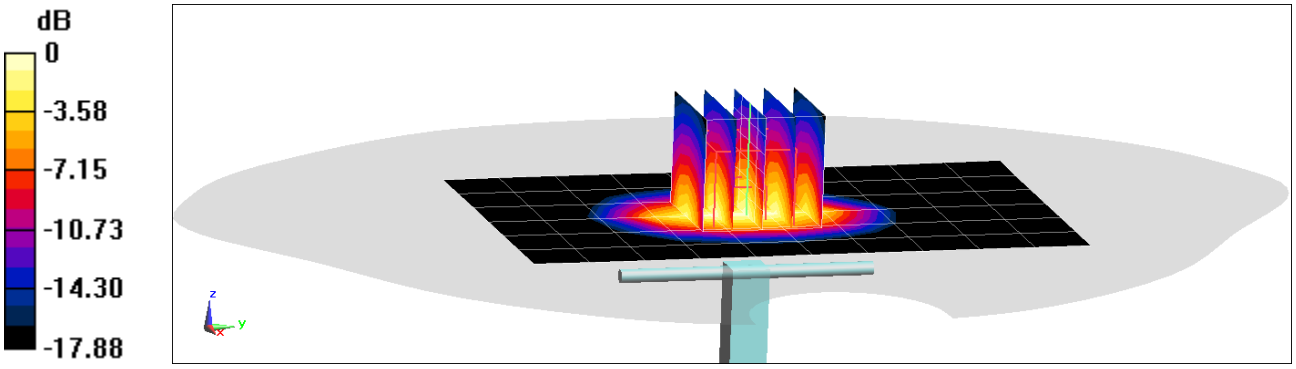
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated):
f = 1900 MHz; σ = 1.581 S/m; ε_r = 52.128; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-18-2021; Ambient Temp: 22.1°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
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) = 7.12 W/kg
SAR(1 g) = 4.02 W/kg; SAR(10 g) = 2.07 W/kg
Deviation(1 g) = 0.75%



0 dB = 6.12 W/kg = 7.87 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d180

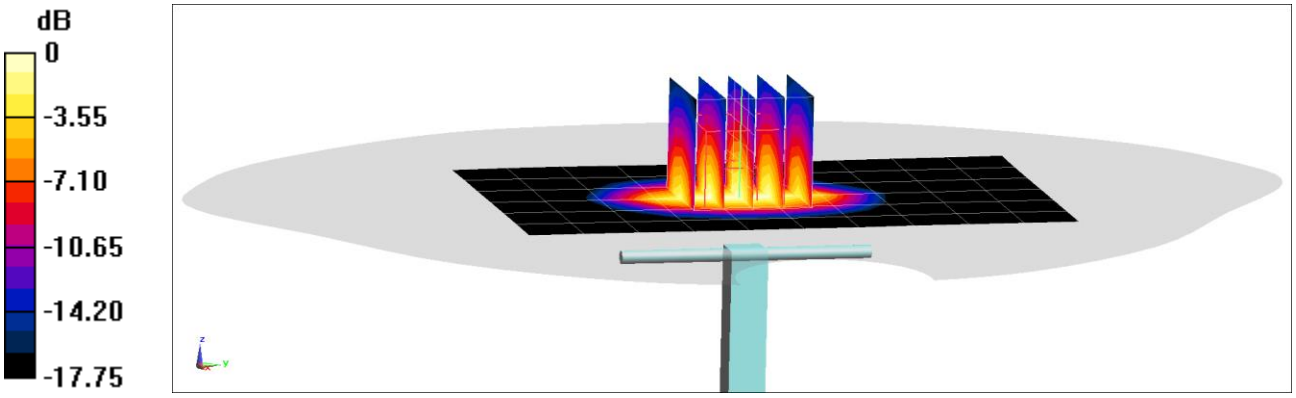
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated):
f = 1900 MHz; σ = 1.547 S/m; ε_r = 52.359; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-22-2021; Ambient Temp: 22.5°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7420; ConvF(7.76, 7.76, 7.76) @ 1900 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
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) = 6.96 W/kg
SAR(1 g) = 3.97 W/kg; SAR(10 g) = 2.06 W/kg
Deviation(1 g) = 1.79%



0 dB = 5.93 W/kg = 7.73 dBW/kg

PCTEST

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d026

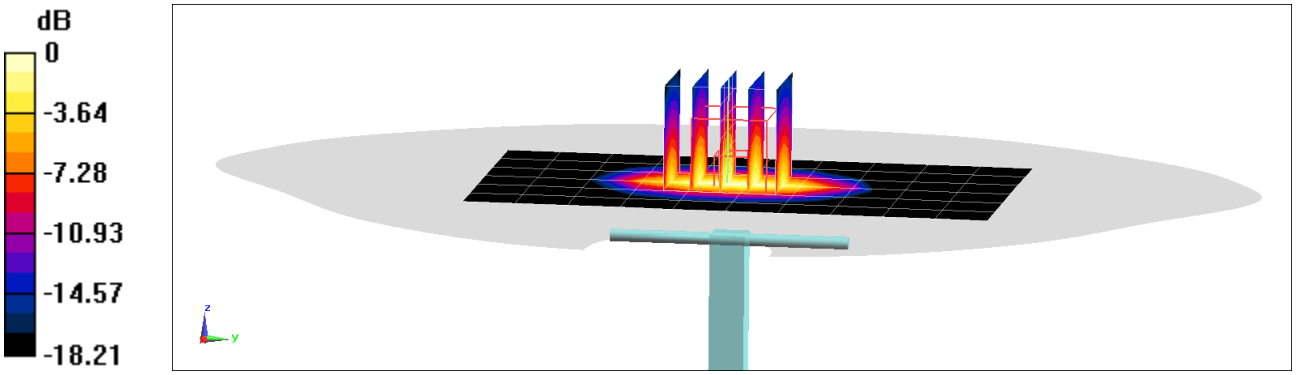
Communication System: UID 0, CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: 1900 Body Medium parameters used (interpolated)
f = 1900 MHz; σ = 1.582 S/m; ε_r = 52.206; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 03-01-2021; Ambient Temp: 23.6°C; Tissue Temp: 22.8°C

Probe: EX3DV4 - SN7558; ConvF(7.93, 7.93, 7.93) @ 1900 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)

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) = 7.44 W/kg
SAR(1 g) = 4.06 W/kg; SAR(10 g) = 2.1 W/kg
Deviation(1 g) = 1.75%



0 dB = 6.29 W/kg = 7.99 dBW/kg

PCTEST

DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1064

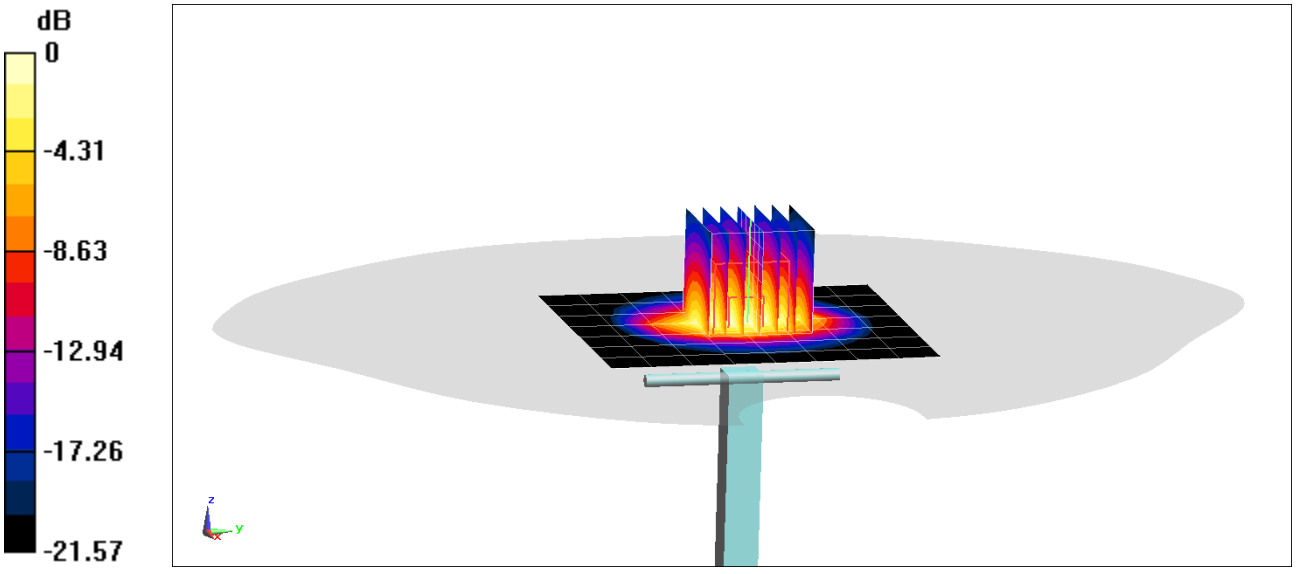
Communication System: UID 0, CW; Frequency: 2300 MHz; Duty Cycle: 1:1
Medium: 2300 Body Medium parameters used:
f = 2300 MHz; σ = 1.889 S/m; ε_r = 51.697; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-06-2021; Ambient Temp: 22.3°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3949; ConvF(7.93, 7.93, 7.93) @ 2300 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)

2300 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) = 9.71 W/kg
SAR(1 g) = 4.89 W/kg; SAR(10 g) = 2.31 W/kg
Deviation(1 g) = 1.03%



PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 945

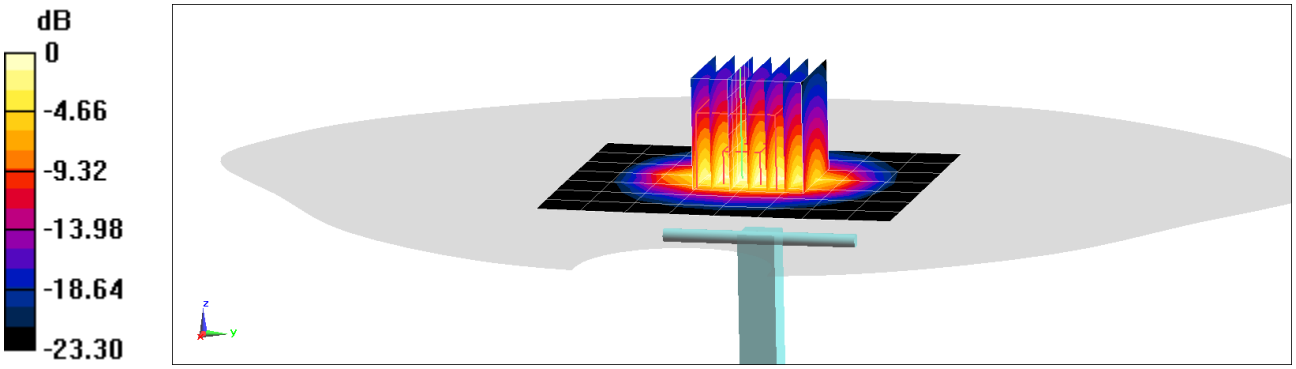
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450 MHz Body Medium parameters used:
f = 2450 MHz; σ = 2.024 S/m; ε_r = 51.56; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-15-2021; Ambient Temp: 24.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7546; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 5.28 W/kg; SAR(10 g) = 2.43 W/kg
Deviation(1 g) = 6.88%



0 dB = 8.64 W/kg = 9.37 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 945

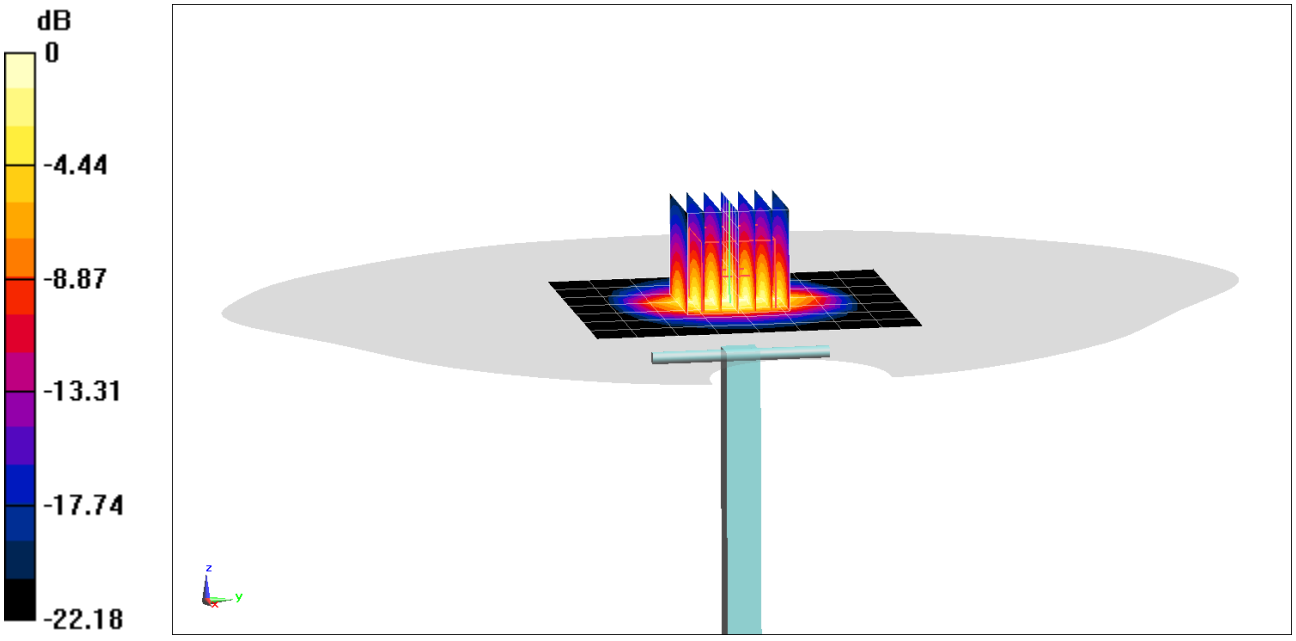
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450-2600 MHz Body Medium parameters used:
f = 2450 MHz; σ = 2.008 S/m; ε_r = 51.929; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-15-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.6°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=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 5.25 W/kg; SAR(10 g) = 2.41 W/kg
Deviation(1 g) = 6.28%



0 dB = 8.75 W/kg = 9.42 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 945

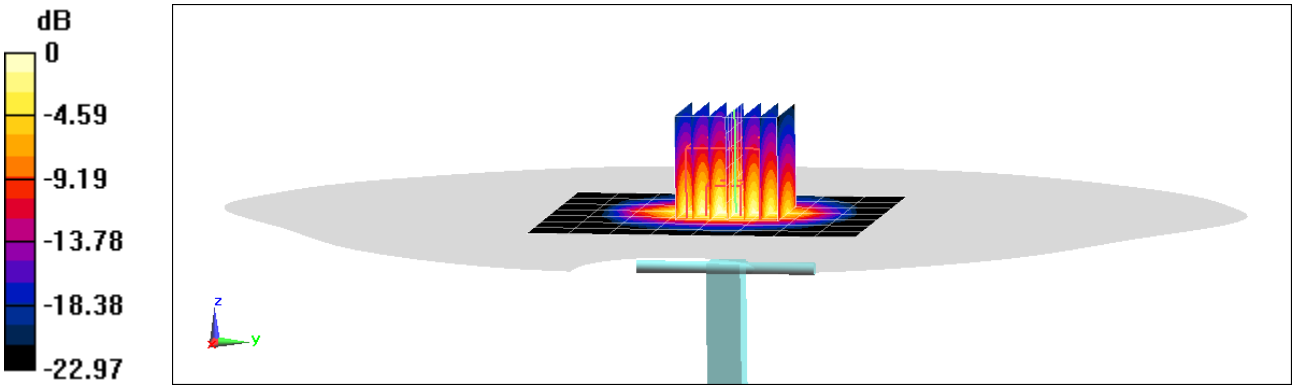
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
2450-2600 Body Medium parameters used:
f = 2450 MHz; σ = 2.031 S/m; ε_r = 50.945; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-17-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7427; ConvF(7.26, 7.26, 7.26) @ 2450 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 4.97 W/kg; SAR(10 g) = 2.28 W/kg
Deviation(1 g) = 0.61%



0 dB = 8.30 W/kg = 9.19 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 921

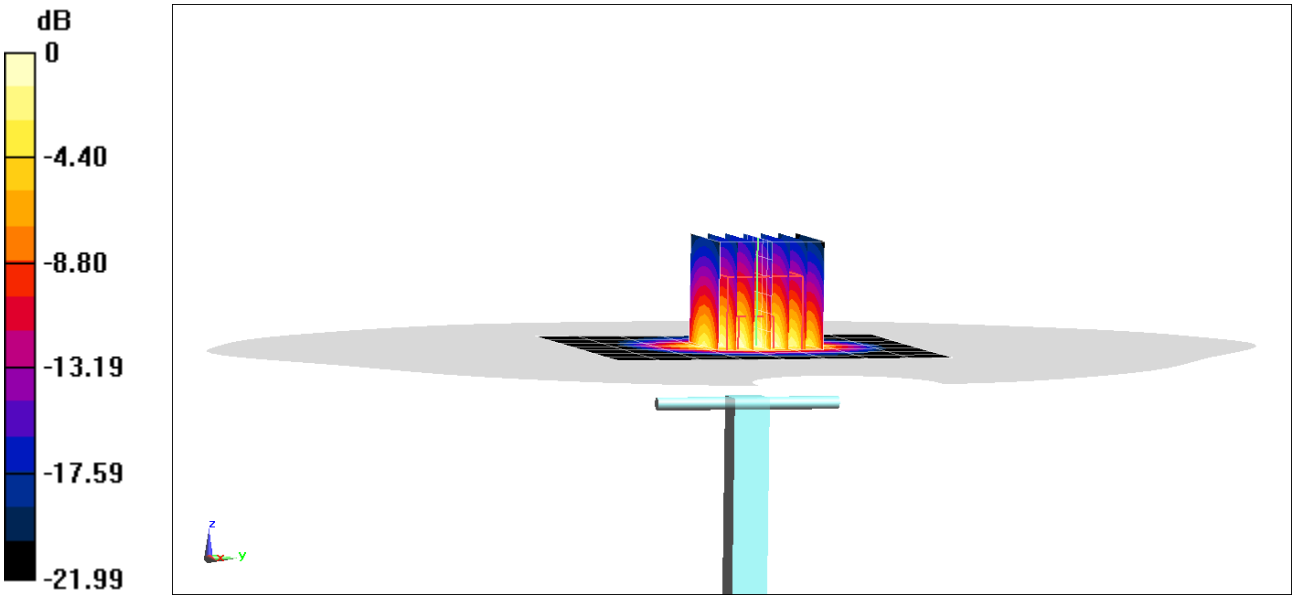
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450 Body Medium parameters used:
f = 2450 MHz; σ = 2.015 S/m; ε_r = 51.635; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-23-2021; Ambient Temp: 23.6°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7427; ConvF(7.26, 7.26, 7.26) @ 2450 MHz; Calibrated: 2/19/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1403; Calibrated: 2/13/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 10.9 W/kg
SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.46 W/kg
Deviation(1 g) = 4.92%



0 dB = 8.80 W/kg = 9.44 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 921

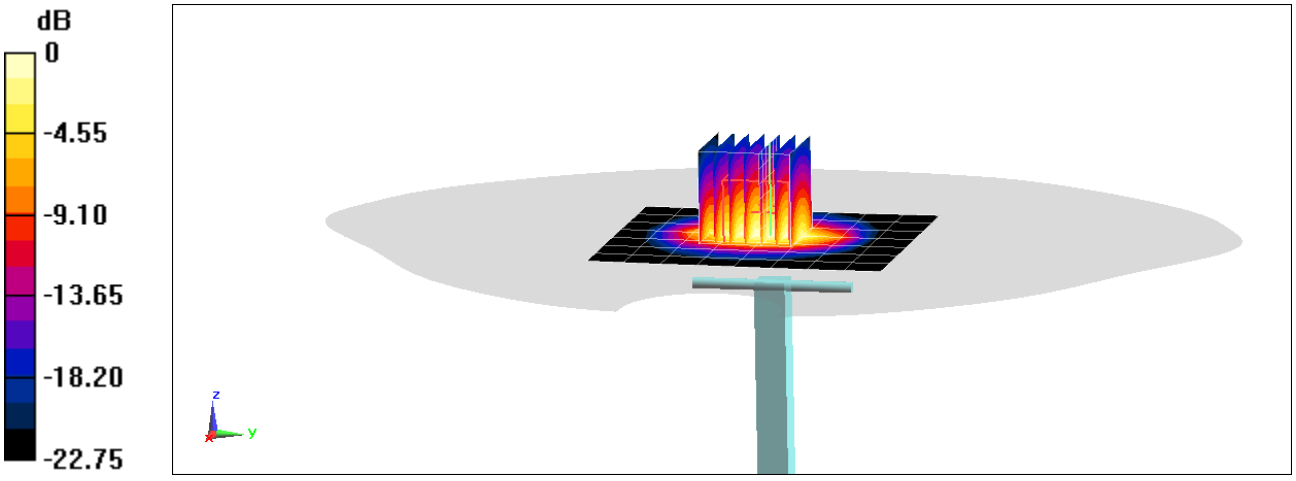
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2450 MHz; σ = 2.033 S/m; ε_r = 50.317; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-31-2021; Ambient Temp: 22.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7546; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 10.5 W/kg
SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.37 W/kg
Deviation(1 g) = 1.18%



0 dB = 8.46 W/kg = 9.27 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 945

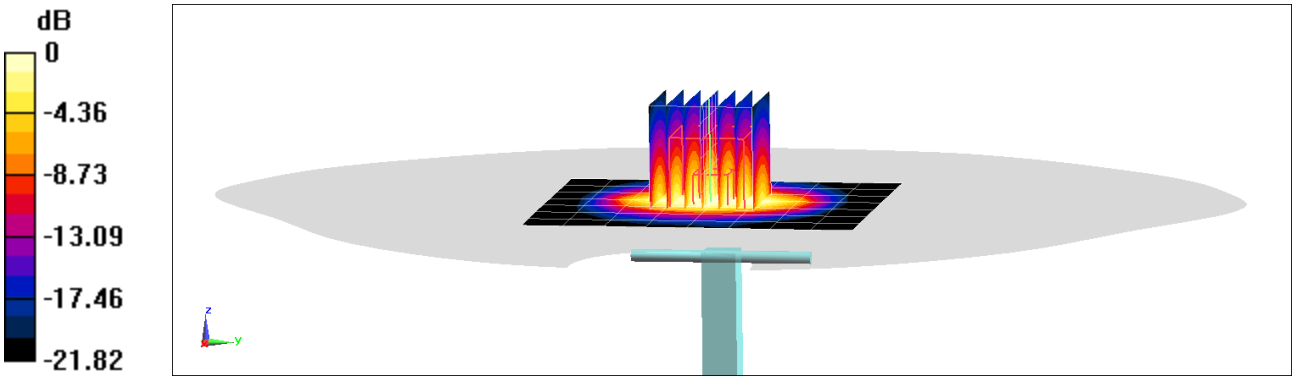
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2450 MHz; σ = 2.012 S/m; ε_r = 52.219; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-21-2021; Ambient Temp: 22.1°C; Tissue Temp: 23.0°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) = 2.35 W/kg
Deviation(1 g) = 3.24%



0 dB = 8.50 W/kg = 9.29 dBW/kg

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 945

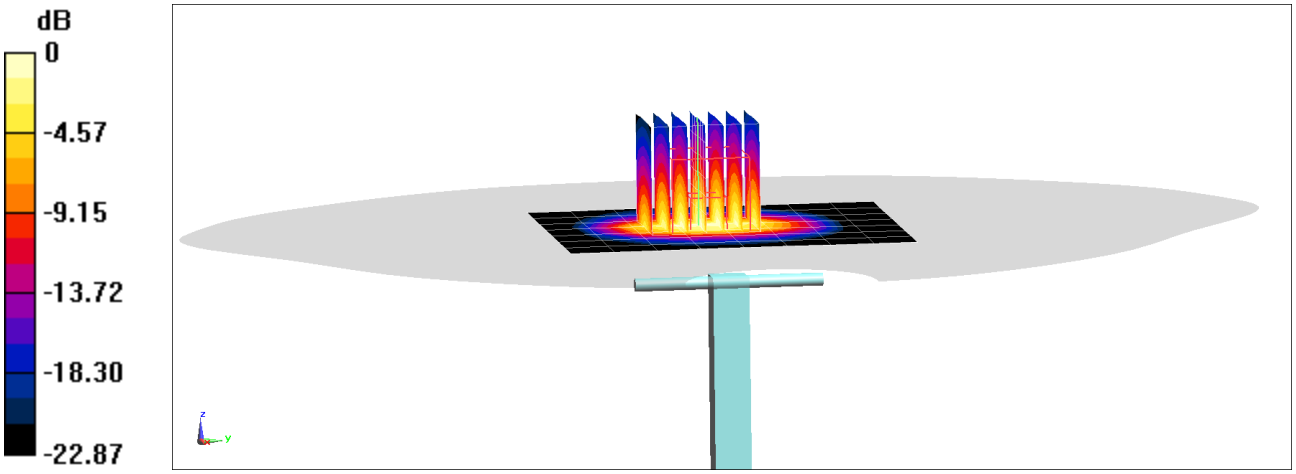
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2450 MHz; σ = 2.039 S/m; ε_r = 50.351; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-22-2021; Ambient Temp: 22.5°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF(7.52, 7.52, 7.52) @ 2450 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
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) = 11.3 W/kg
SAR(1 g) = 5.14 W/kg; SAR(10 g) = 2.34 W/kg
Deviation(1 g) = 4.05%



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

PCTEST

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 921

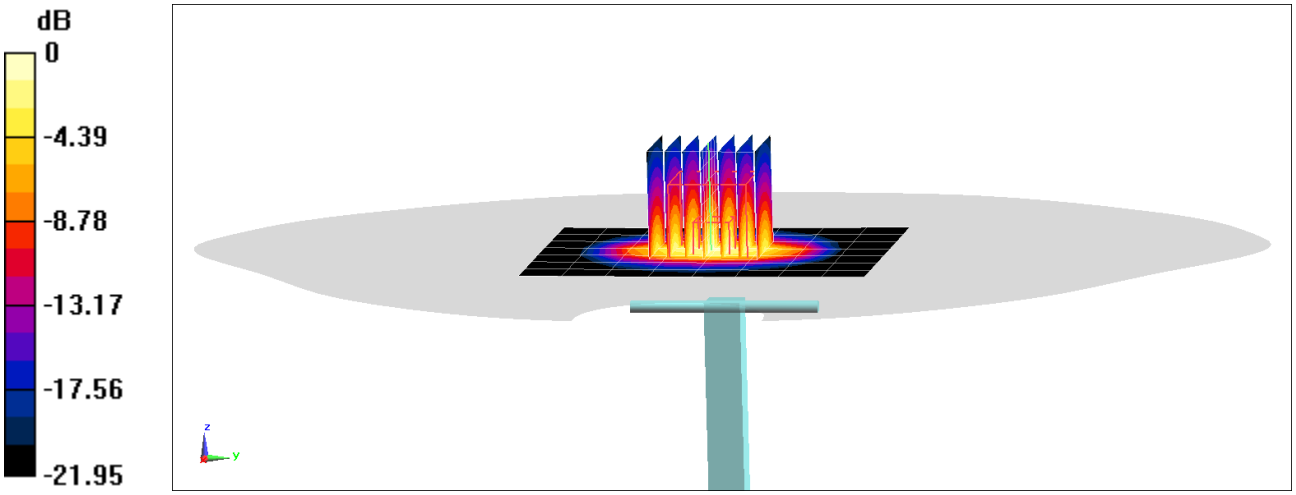
Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1
2450-2700 MHz Body Medium parameters used:
f = 2450 MHz; σ = 2.036 S/m; ε_r = 50.838; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 03-15-2021; Ambient Temp: 23.8°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7546; ConvF(7.32, 7.32, 7.32) @ 2450 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 10.9 W/kg
SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.47 W/kg
Deviation(1 g) = 4.92%



0 dB = 8.81 W/kg = 9.45 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1009

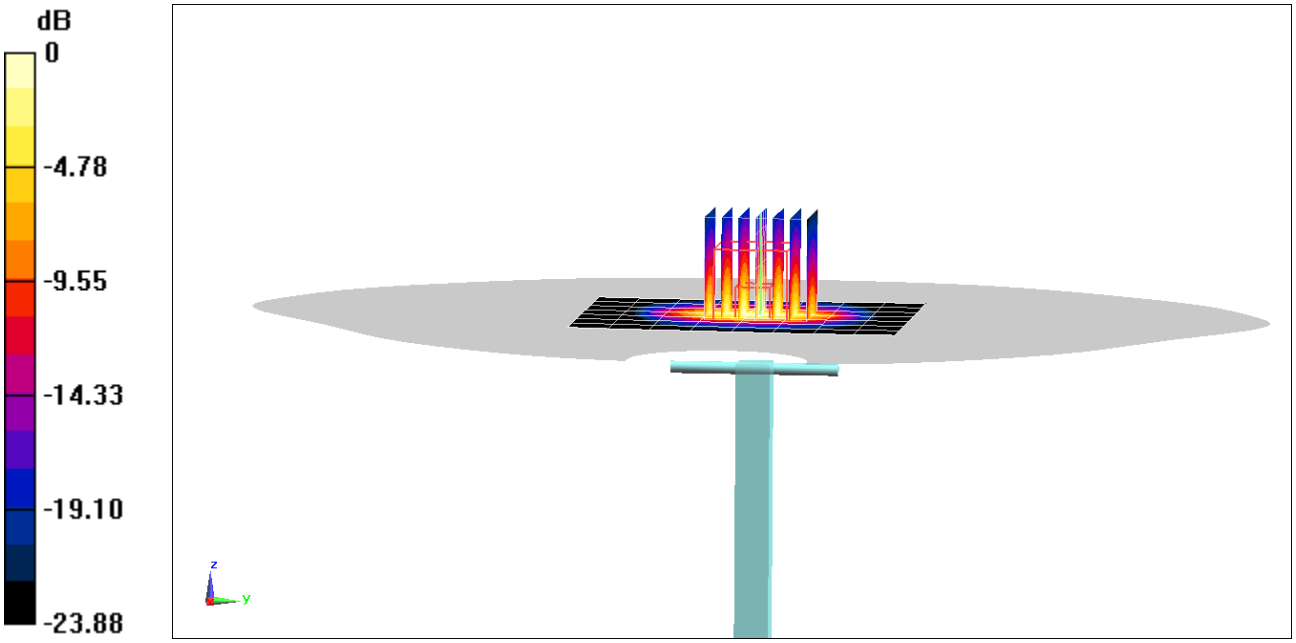
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2600 MHz; σ = 2.167 S/m; ε_r = 51.303; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-15-2021; Ambient Temp: 24.4°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7546; ConvF(7.17, 7.17, 7.17) @ 2600 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 5.69 W/kg; SAR(10 g) = 2.52 W/kg
Deviation(1 g) = 2.52%



0 dB = 9.76 W/kg = 9.89 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1009

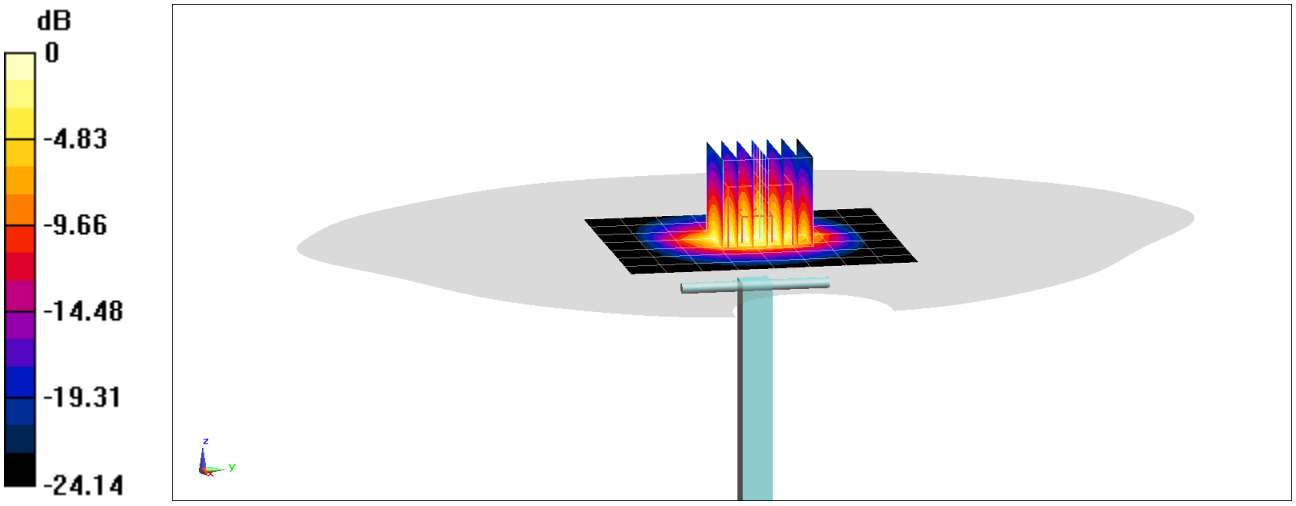
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450-2600 MHz Body Medium parameters used:
f = 2600 MHz; σ = 2.147 S/m; ε_r = 51.685; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-15-2021; Ambient Temp: 23.1°C; Tissue Temp: 21.6°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) = 12.6 W/kg
SAR(1 g) = 5.82 W/kg; SAR(10 g) = 2.57 W/kg
Deviation(1 g) = 4.86%



0 dB = 10.0 W/kg = 10.00 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1009

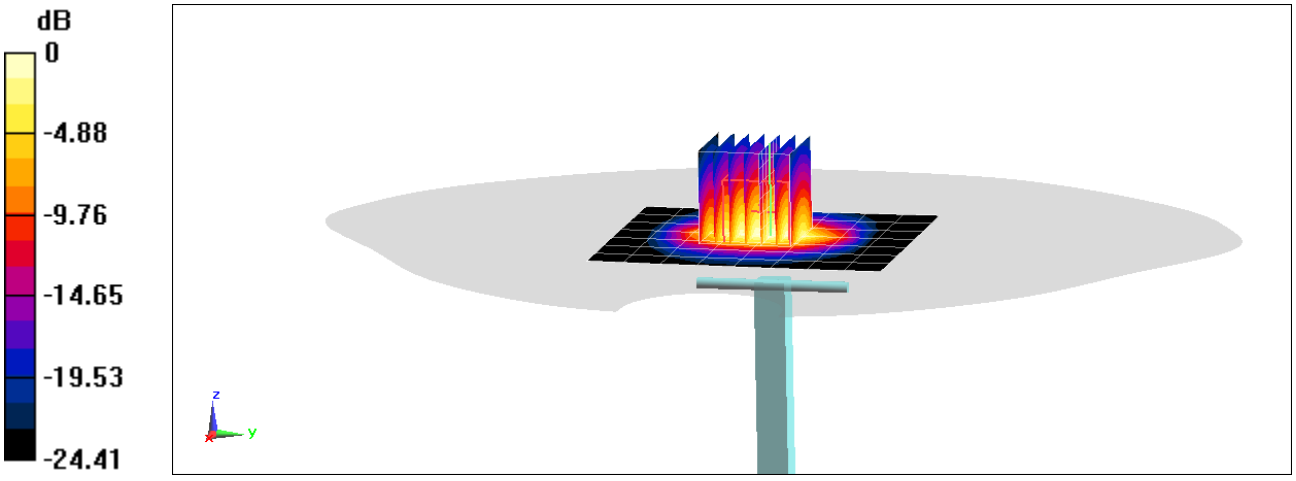
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2600 MHz; σ = 2.173 S/m; ε_r = 50.065; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-31-2021; Ambient Temp: 22.1°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7546; ConvF(7.17, 7.17, 7.17) @ 2600 MHz; Calibrated: 7/16/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1532; Calibrated: 4/14/2020
Phantom: Twin-SAM V4.0 Main; Type: QD 000 P40 CC; Serial: 1114
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) = 11.2 W/kg
SAR(1 g) = 5.25 W/kg; SAR(10 g) = 2.35 W/kg
Deviation(1 g) = -5.41%



0 dB = 8.78 W/kg = 9.43 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1009

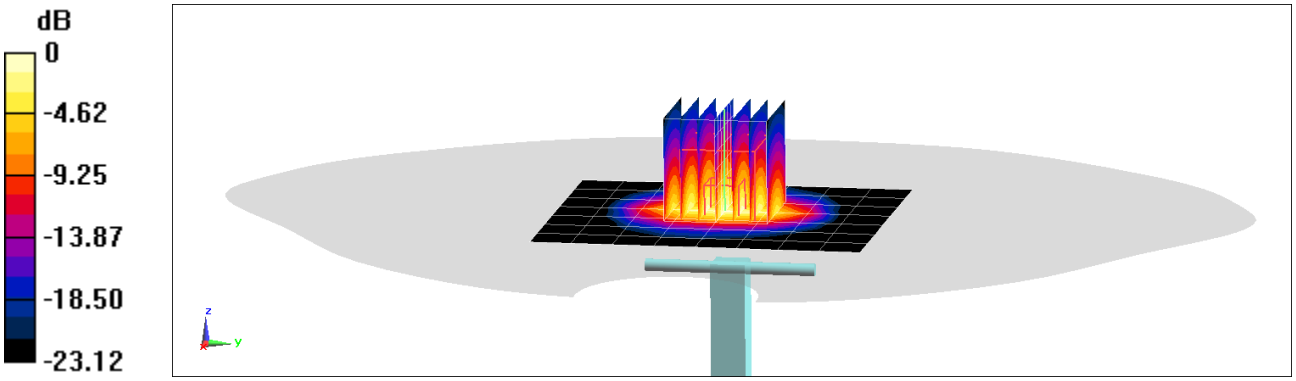
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450-2600 Body Medium parameters used:
f = 2600 MHz; σ = 2.152 S/m; ε_r = 52.008; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-21-2021; Ambient Temp: 22.1°C; Tissue Temp: 23.0°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) = 11.1 W/kg
SAR(1 g) = 5.25 W/kg; SAR(10 g) = 2.32 W/kg
Deviation(1 g) = -5.41%



0 dB = 8.92 W/kg = 9.50 dBW/kg

PCTEST

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1009

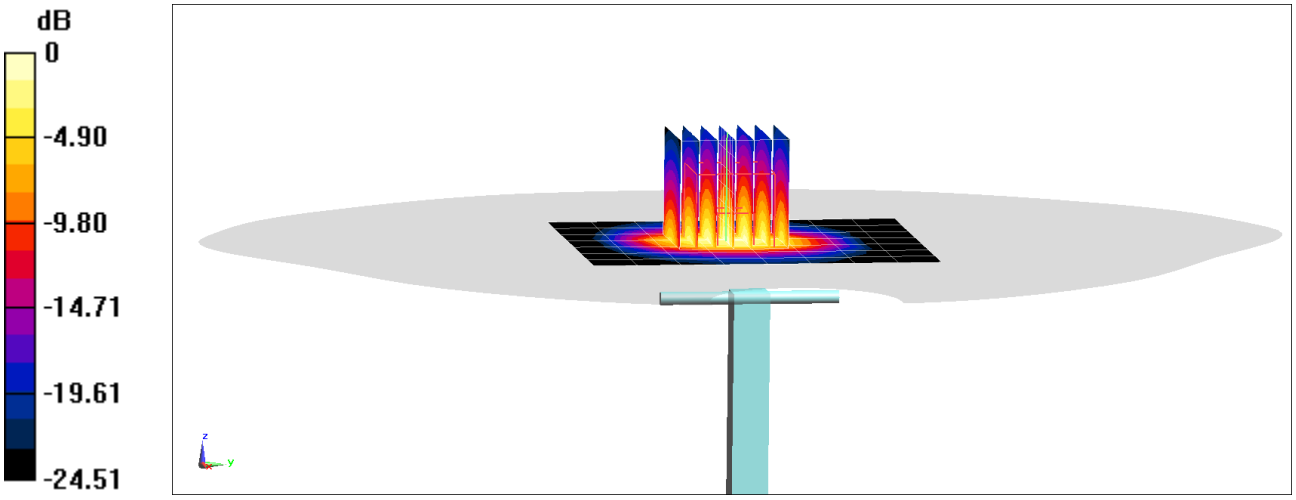
Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: 2450-2600 MHz Body Medium parameters used:
f = 2600 MHz; σ = 2.179 S/m; ε_r = 50.101; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-22-2021; Ambient Temp: 22.5°C; Tissue Temp: 22.4°C

Probe: EX3DV4 - SN7420; ConvF(7.4, 7.4, 7.4) @ 2600 MHz; Calibrated: 10/21/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn1213; Calibrated: 10/12/2020
Phantom: Twin-SAM V4.0 sub; Type: QD 000 P40 CC; Serial: 81923
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) = 12.8 W/kg
SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.33 W/kg
Deviation(1 g) = -3.24%



0 dB = 9.38 W/kg = 9.72 dBW/kg

PCTEST

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

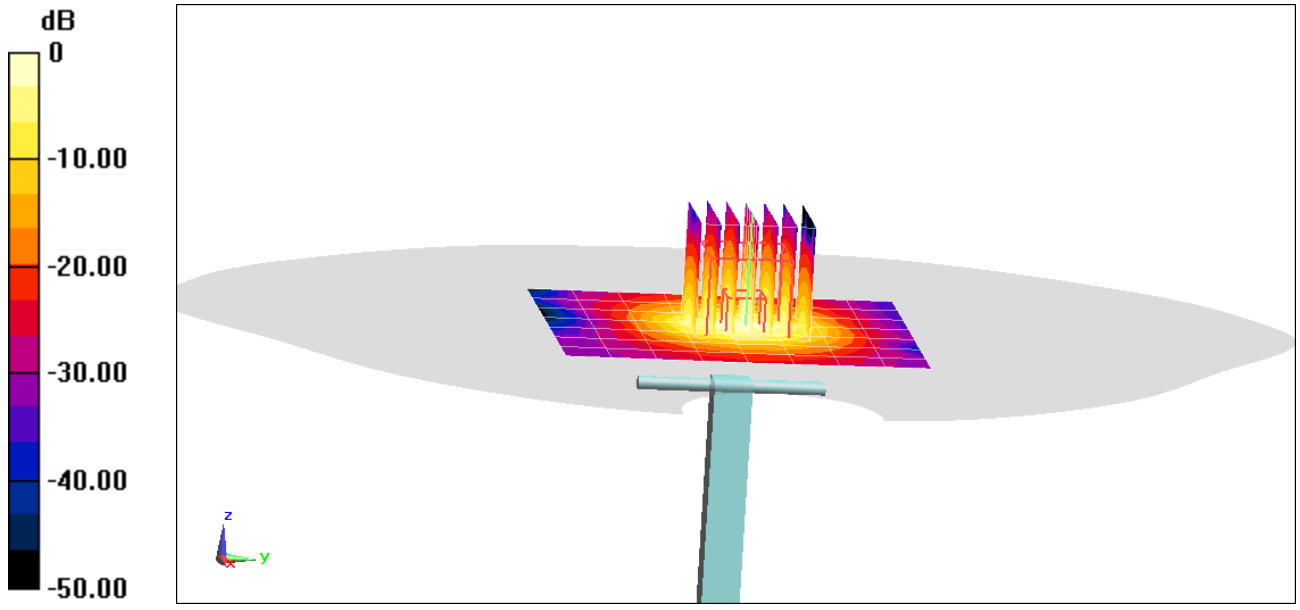
Communication System: UID 0, CW; Frequency: 3500 MHz; Duty Cycle: 1:1
Medium: 3500B-3700B Medium parameters used:
f = 3500 MHz; σ = 3.363 S/m; ε_r = 49.549; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-13-2021; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF(6.72, 6.72, 6.72) @ 3500 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
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) = 16.1 W/kg
SAR(1 g) = 6.35 W/kg; SAR(10 g) = 2.34 W/kg
Deviation(1 g) = -2.31%



0 dB = 12.1 W/kg = 10.83 dBW/kg

PCTEST

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

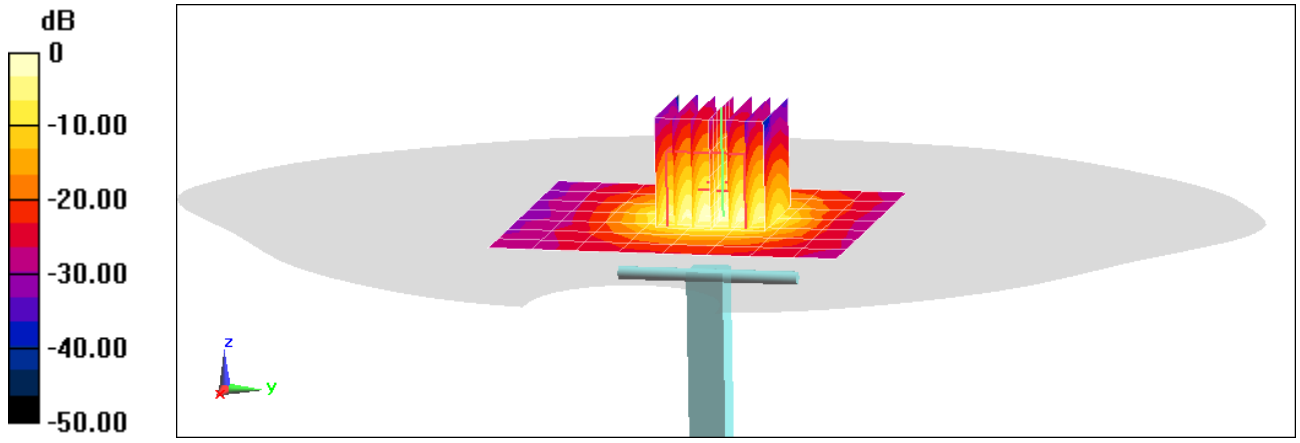
Communication System: UID 0, CW; Frequency: 3500 MHz; Duty Cycle: 1:1
Medium: 3500-3900 MHz Body Medium parameters used:
f = 3500 MHz; σ = 3.407 S/m; ε_r = 50.614; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 03-15-2021; Ambient Temp: 20.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF(6.3, 6.3, 6.3) @ 3500 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 16.7 W/kg
SAR(1 g) = 6.3 W/kg; SAR(10 g) = 2.31 W/kg
Deviation(1 g) = -3.08%



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

PCTEST

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

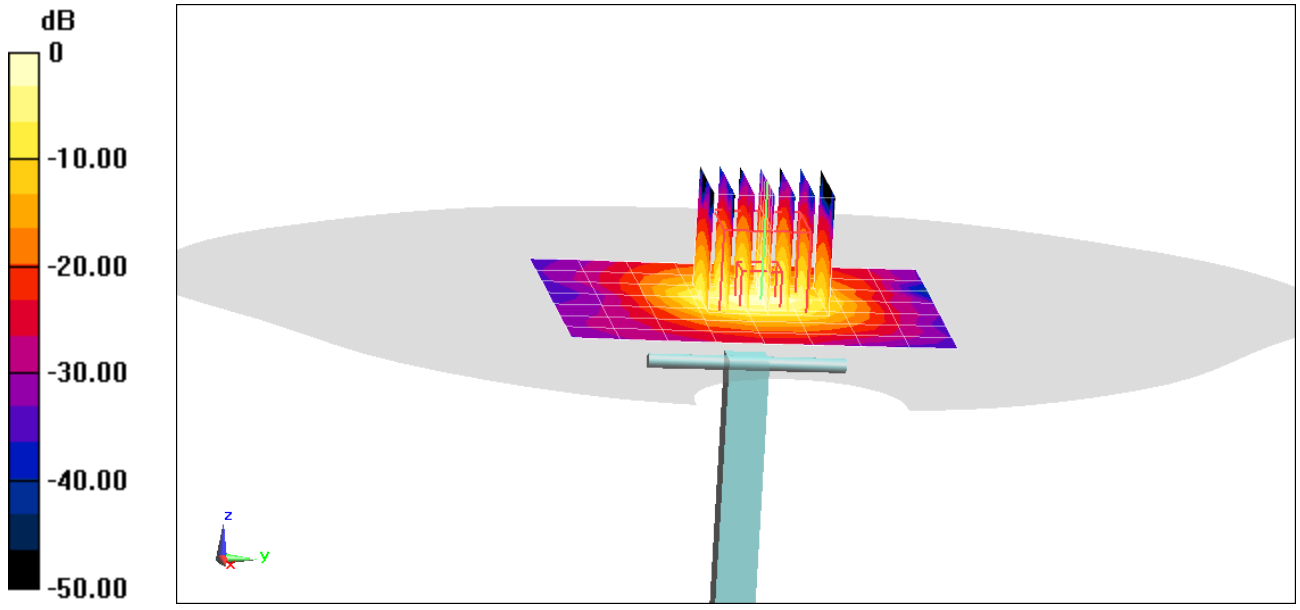
Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1
Medium: 3500B-3700B Medium parameters used (interpolated):
f = 3700 MHz; σ = 3.576 S/m; ε_r = 49.26; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-13-2021; Ambient Temp: 22.2°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7421; ConvF(6.57, 6.57, 6.57) @ 3700 MHz; Calibrated: 3/20/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn604; Calibrated: 3/19/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CC; Serial: 1179
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) = 16.5 W/kg
SAR(1 g) = 6.2 W/kg; SAR(10 g) = 2.19 W/kg
Deviation(1 g) = -4.17%



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

PCTEST

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

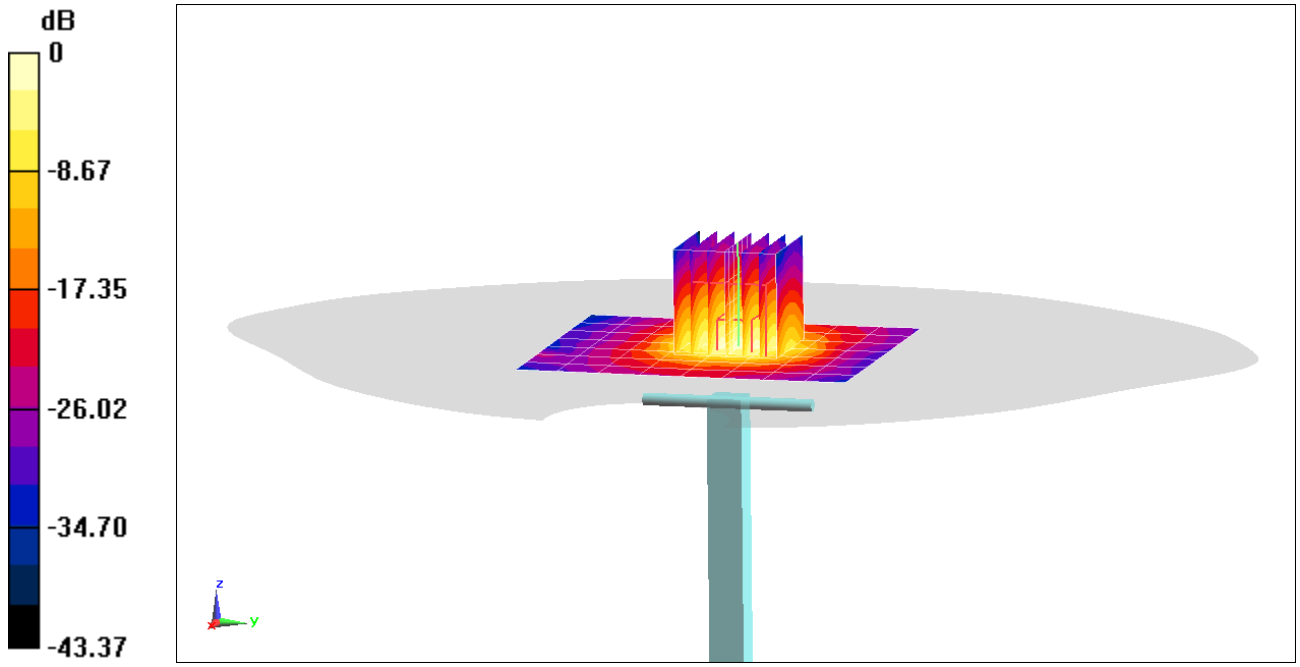
Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1
Medium: 3700-3900 Body Medium parameters used:
f = 3700 MHz; σ = 3.471 S/m; ε_r = 50.241; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-08-2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3837; ConvF(6.15, 6.15, 6.15) @ 3700 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 18.0 W/kg
SAR(1 g) = 6.72 W/kg; SAR(10 g) = 2.42 W/kg
Deviation(1 g) = 3.86%



0 dB = 13.4 W/kg = 11.27 dBW/kg

PCTEST

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

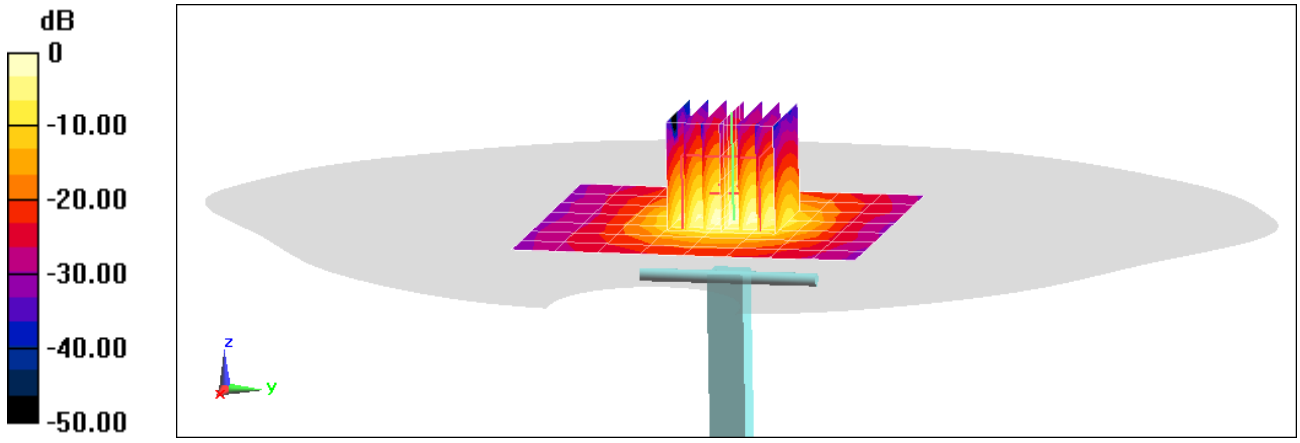
Communication System: UID 0, CW; Frequency: 3700 MHz; Duty Cycle: 1:1
Medium: 3500-3900 MHz Body Medium parameters used:
f = 3700 MHz; σ = 3.632 S/m; ε_r = 50.322; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 03-15-2021; Ambient Temp: 20.6°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN3837; ConvF(6.15, 6.15, 6.15) @ 3700 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 19.2 W/kg
SAR(1 g) = 6.82 W/kg; SAR(10 g) = 2.41 W/kg
Deviation(1 g) = 5.41%



0 dB = 14.0 W/kg = 11.46 dBW/kg

PCTEST

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

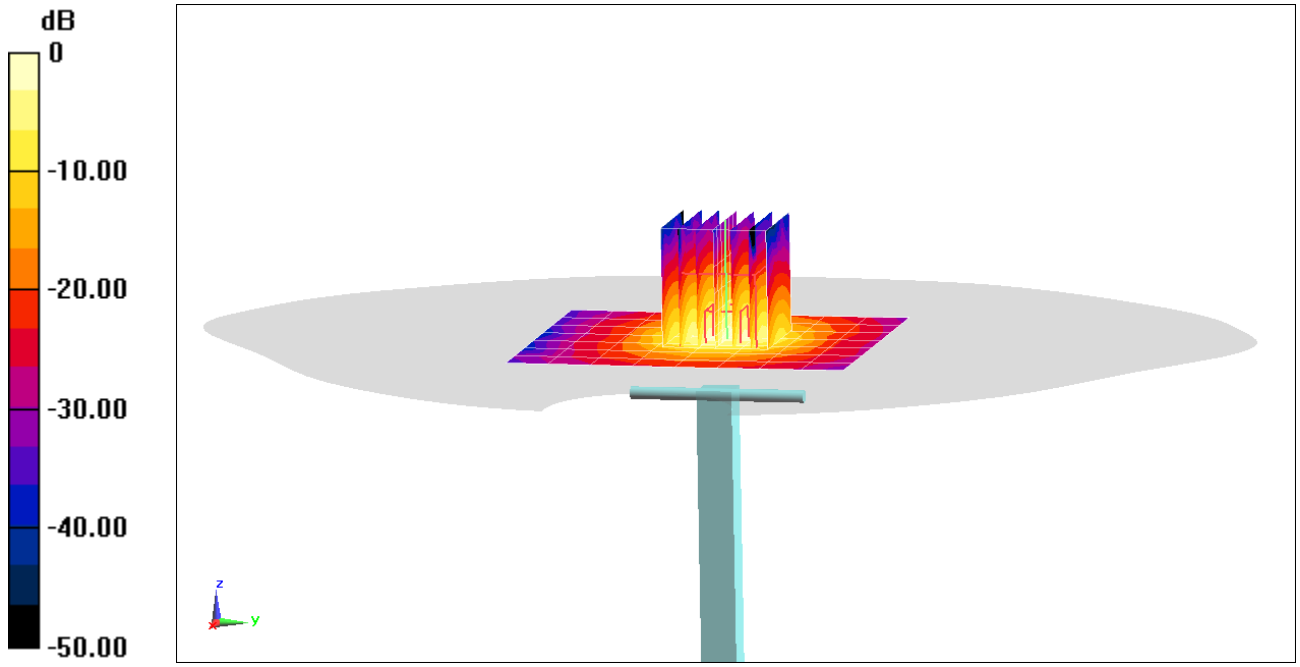
Communication System: UID 0, CW; Frequency: 3900 MHz; Duty Cycle: 1:1
Medium: 3700-3900 Body Medium parameters used:
f = 3900 MHz; σ = 3.723 S/m; ε_r = 49.893; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-08-2021; Ambient Temp: 22.6°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN3837; ConvF(5.97, 5.97, 5.97) @ 3900 MHz; Calibrated: 1/18/2021
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn793; Calibrated: 1/13/2021
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CD; Serial: 1736
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) = 18.3 W/kg
SAR(1 g) = 6.65 W/kg; SAR(10 g) = 2.3 W/kg
Deviation(1 g) = 0.30%



0 dB = 13.6 W/kg = 11.34 dBW/kg

PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1163

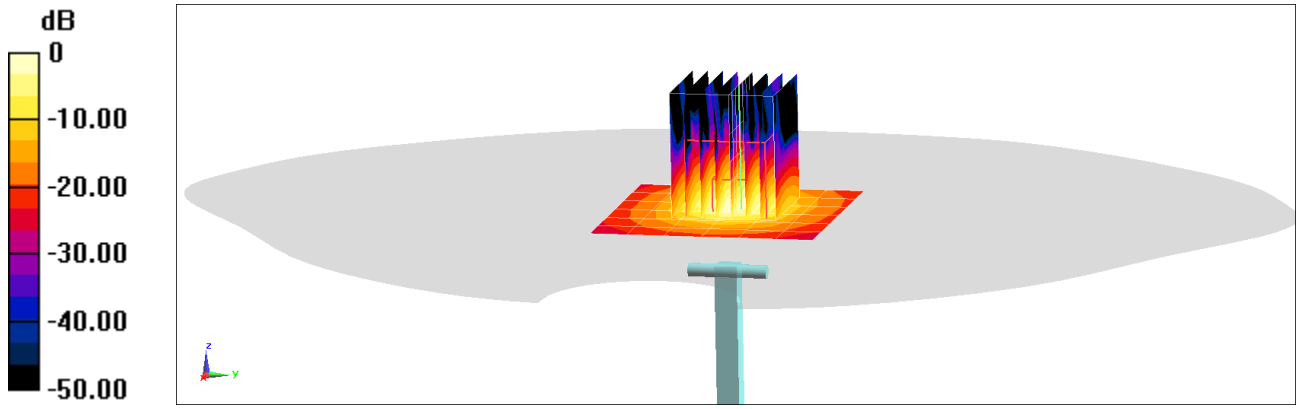
Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used (interpolated):
f = 5250 MHz; σ = 5.531 S/m; ε_r = 47.753; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-21-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7416; ConvF(4.61, 4.61, 4.61) @ 5250 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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) = 14.8 W/kg
SAR(1 g) = 3.62 W/kg; SAR(10 g) = 1 W/kg
Deviation(1 g) = -6.82%



0 dB = 8.50 W/kg = 9.29 dBW/kg

PCTEST

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

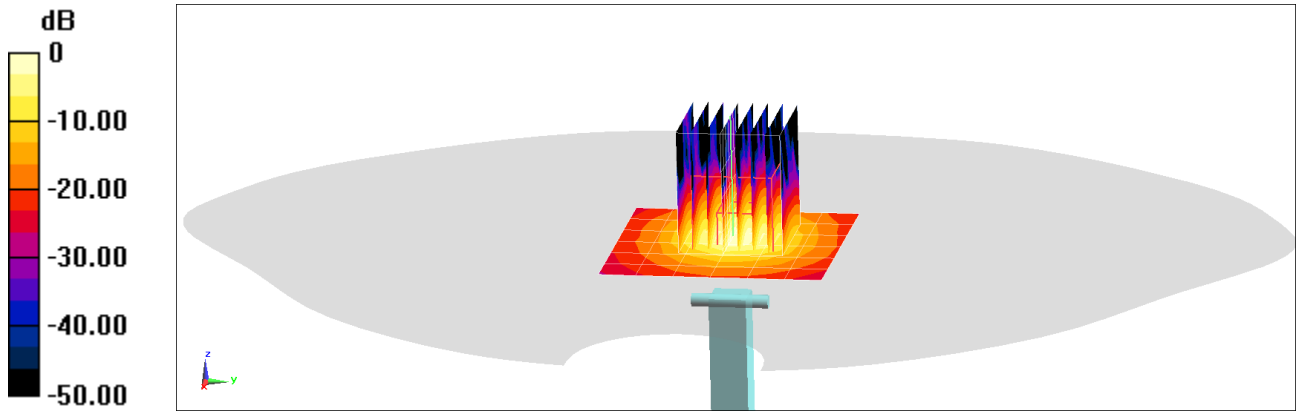
Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used (interpolated):
f = 5250 MHz; σ = 5.434 S/m; ε_r = 47.687; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-18-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF(4.61, 4.61, 4.61) @ 5250 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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) = 13.9 W/kg
SAR(1 g) = 3.46 W/kg; SAR(10 g) = 0.968 W/kg
Deviation(1 g) = -6.49%



0 dB = 8.07 W/kg = 9.07 dBW/kg

PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1163

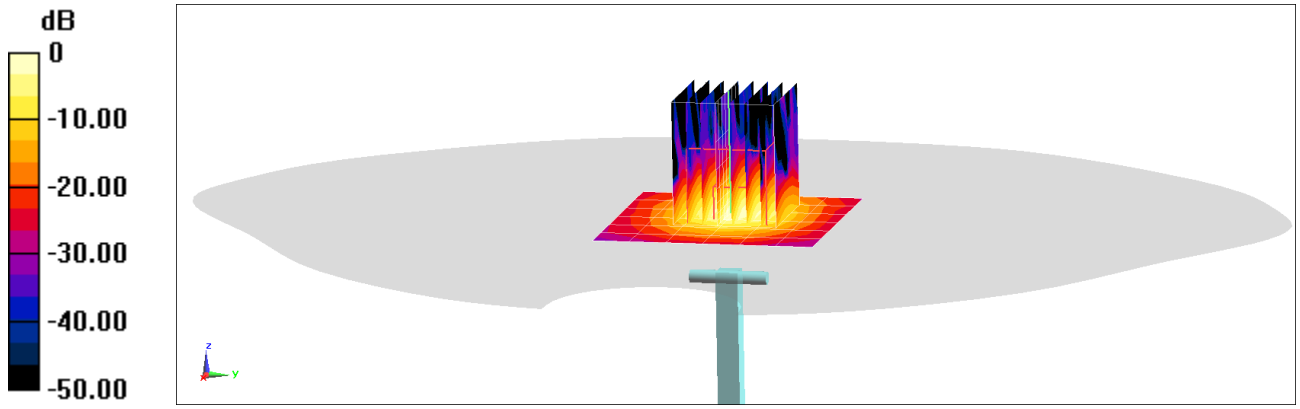
Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used:
f = 5600 MHz; σ = 6.003 S/m; ε_r = 47.124; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-21-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7416; ConvF(4.09, 4.09, 4.09) @ 5600 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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=10mm, dy=10mm
Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.07 W/kg
Deviation(1 g) = -3.12%



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

PCTEST

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

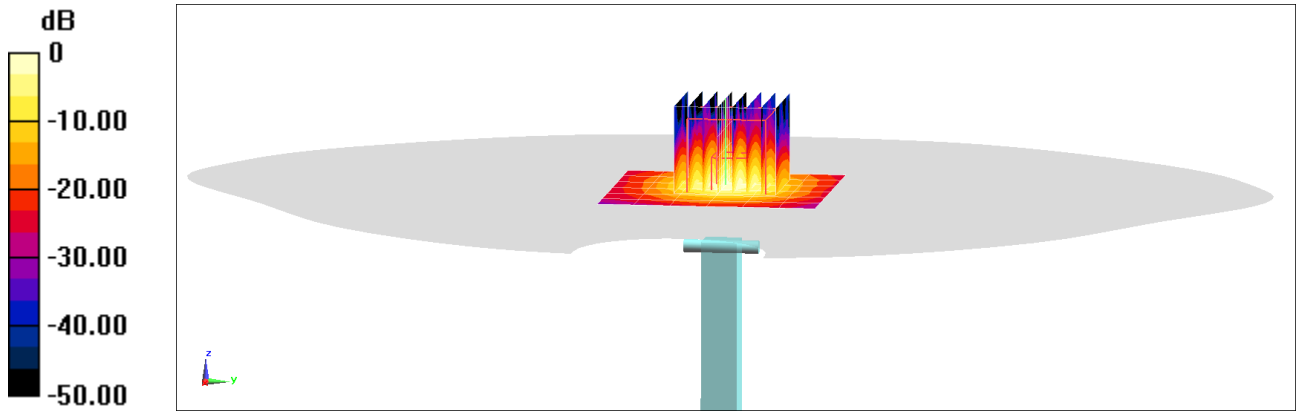
Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used:
f = 5600 MHz; σ = 5.893 S/m; ε_r = 47.06; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-18-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF(4.09, 4.09, 4.09) @ 5600 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm; Graded Ratio: 1.4
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.06 W/kg
Deviation(1 g) = -1.29%



0 dB = 9.39 W/kg = 9.73 dBW/kg

PCTEST

DUT: Dipole 5 GHz; Type: D5GHzV2; Serial: 1163

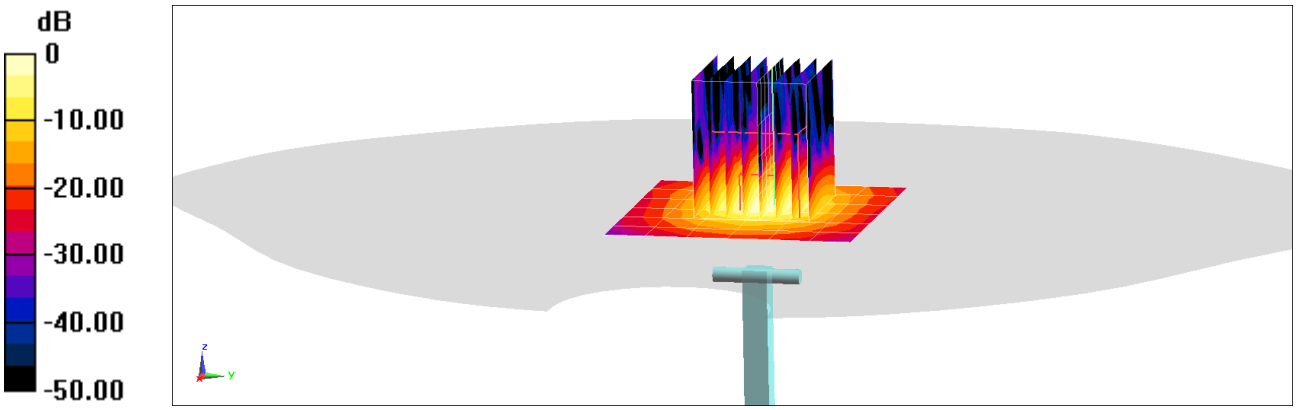
Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used (interpolated):
f = 5750 MHz; σ = 6.218 S/m; ε_r = 46.866; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 01-21-2021; Ambient Temp: 23.1°C; Tissue Temp: 20.2°C

Probe: EX3DV4 - SN7416; ConvF(4.14, 4.14, 4.14) @ 5750 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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) = 17.5 W/kg
SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.02 W/kg
Deviation(1 g) =-3.86 %



0 dB = 9.40 W/kg = 9.73 dBW/kg

PCTEST

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

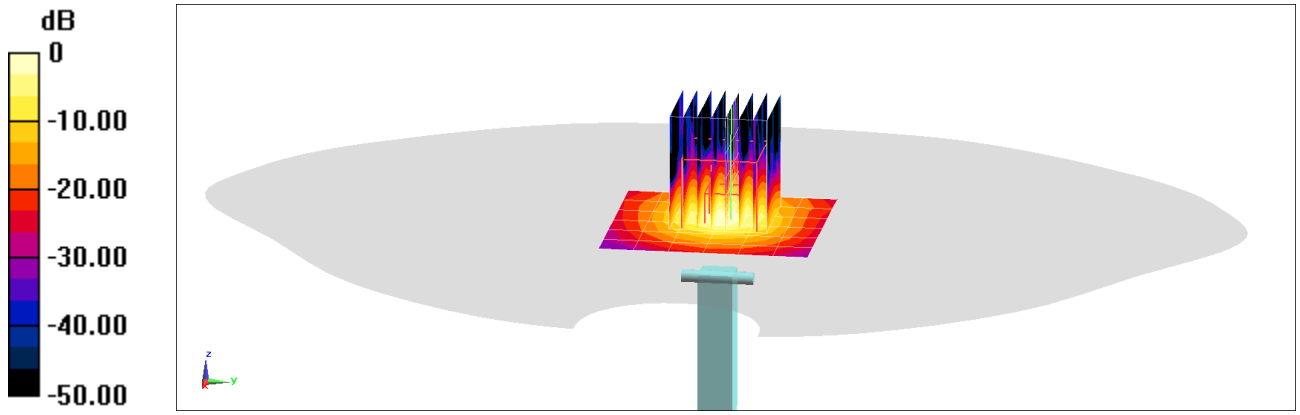
Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1
Medium: 5 GHz Body Medium parameters used (interpolated):
f = 5750 MHz; σ = 6.104 S/m; ε_r = 46.813; ρ = 1000 kg/m^3
Phantom section: Flat Section; Space: 1.0 cm

Test Date: 02-18-2021; Ambient Temp: 22.8°C; Tissue Temp: 21.0°C

Probe: EX3DV4 - SN7416; ConvF(4.14, 4.14, 4.14) @ 5750 MHz; Calibrated: 6/22/2020
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Electronics: DAE4 Sn701; Calibrated: 6/11/2020
Phantom: Twin-SAM V4.0; Type: QD 000 P40 CA; Serial: 1275
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) = 17.9 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.07 W/kg
Deviation(1 g) = 4.15%



0 dB = 9.84 W/kg = 9.93 dBW/kg

APPENDIX C: SAR TISSUE SPECIFICATIONS

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_r' can be calculated from the below equation (Pournaropoulos and Misra):

$$Y = \frac{j2\omega\varepsilon_r\varepsilon_0}{\left[\ln(b/a)\right]^2}\int_a^b\int_a^b\int_0^\pi \cos\phi' \frac{\exp\left[-j\omega r(\mu_0\varepsilon_r'\varepsilon_0)^{1/2}\right]}{r} d\phi' d\rho' d\rho$$

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	**Ethanediol** 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, > C_{16}** 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.

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

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

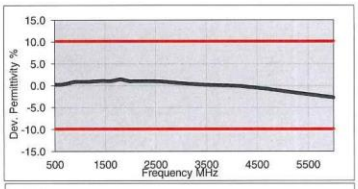
Ambient Condition	22°C ; 30% humidity
TSL Temperature	22°C
Test Date	6-Aug-20
Operator	CL

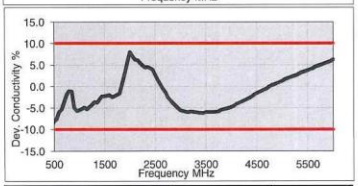
Additional Information

TSL Density
TSL Heat-capacity

Results

	Measured			Target		Diff.to Target [%]	
f [MHz]	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

APPENDIX D: SAR SYSTEM VALIDATION

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
AM1	750	04/10/2020	7427	750	Body	0.963	54.189	PASS	PASS	PASS	N/A	N/A	N/A
AM6	750	11/11/2020	7546	750	Body	0.964	53.098	PASS	PASS	PASS	N/A	N/A	N/A
AM8	750	12/03/2020	7558	750	Body	0.970	54.520	PASS	PASS	PASS	N/A	N/A	N/A
AM4	835	04/22/2020	7421	835	Body	0.992	54.556	PASS	PASS	PASS	GMSK	PASS	N/A
AM6	835	11/11/2020	7546	835	Body	0.996	52.857	PASS	PASS	PASS	GMSK	PASS	N/A
AM8	1750	12/03/2020	7558	1750	Body	1.483	52.815	PASS	PASS	PASS	N/A	N/A	N/A
AM7	1900	11/12/2020	7420	1900	Body	1.520	53.300	PASS	PASS	PASS	GMSK	PASS	N/A
AM8	1900	12/03/2020	7558	1900	Body	1.580	52.650	PASS	PASS	PASS	GMSK	PASS	N/A
AM5	2300	10/13/2020	3949	2300	Body	1.855	50.944	PASS	PASS	PASS	N/A	N/A	N/A
AM1	2450	04/13/2020	7427	2450	Body	2.021	51.602	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM5	2450	10/14/2020	3949	2450	Body	1.981	50.715	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM6	2450	11/12/2020	7546	2450	Body	2.015	50.580	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM7	2450	11/16/2020	7420	2450	Body	1.950	52.700	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM8	2450	12/03/2020	7558	2450	Body	2.029	51.960	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
AM5	2600	10/14/2020	3949	2600	Body	2.112	50.510	PASS	PASS	PASS	TDD	PASS	N/A
AM6	2600	11/12/2020	7546	2600	Body	2.150	50.363	PASS	PASS	PASS	TDD	PASS	N/A
AM7	2600	11/16/2020	7420	2600	Body	2.170	51.705	PASS	PASS	PASS	TDD	PASS	N/A
AM8	2600	12/03/2020	7558	2600	Body	2.173	51.749	PASS	PASS	PASS	TDD	PASS	N/A
AM4	3500	05/11/2020	7421	3500	Body	3.389	50.340	PASS	PASS	PASS	TDD	PASS	N/A
AM1	3500	02/24/2021	3837	3500	Body	3.157	49.874	PASS	PASS	PASS	TDD	PASS	N/A
AM4	3700	05/11/2020	7421	3700	Body	3.660	49.710	PASS	PASS	PASS	TDD	PASS	N/A
AM1	3700	02/04/2021	3837	3700	Body	3.399	50.196	PASS	PASS	PASS	TDD	PASS	N/A
AM1	3900	02/04/2021	3837	3900	Body	3.643	49.873	PASS	PASS	PASS	TDD	PASS	N/A
AM2	5250	10/14/2020	7416	5250	Body	5.451	46.990	PASS	PASS	PASS	OFDM	N/A	PASS
AM2	5600	10/14/2020	7416	5600	Body	5.956	46.310	PASS	PASS	PASS	OFDM	N/A	PASS
AM2	5750	10/14/2020	7416	5750	Body	6.181	46.014	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: While the probes have been calibrated for both CW and modulated signals, all measurements were performed using communication systems calibrated for CW signals only. 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.

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	2CC	Supported Channel Bandwidth [MHz]		Restriction	Completely Covered by Measurement Superset
		CC1	CC2		
2CC #1	CA_2C	5, 10, 15, 20	5, 10, 15, 20		3CC #4
2CC #2	CA_2A-5A	5, 10, 15, 20	5, 10		4CC #1
2CC #3	CA_2A-12A	5, 10, 15, 20	5, 10		3CC #3
2CC #4	CA_2A-13A	5, 10, 15, 20	10		3CC #9
2CC #5	CA_2A-17A	5, 10	5, 10		No
2CC #6	CA_2A-30A	5, 10, 15, 20	5, 10		3CC #14
2CC #7	CA_2A-66A (2)	5, 10, 15, 20	5, 10, 15, 20		3CC #1
2CC #9	CA_2A-71A	5, 10, 15, 20	5, 10, 15, 20		3CC #10
2CC #10	CA_4A-4A	5, 10, 15, 20	5, 10, 15, 20		3CC #6
2CC #11	CA_4A-5A (1)	5, 10, 15, 20	5, 10		4CC #3
2CC #12	CA_4A-12A (4)	5, 10, 15, 20	5, 10		3CC #8
2CC #13	CA_4A-13A	5, 10, 15, 20	10		3CC #9
2CC #14	CA_4A-17A	5, 10	5, 10	B17 SCC Only	No
2CC #15	CA_5B	5, 10	5, 10		3CC #3
2CC #16	CA_5A-25A	5, 10	5, 10, 15, 20		No
2CC #17	CA_7C	15, 20	15, 20		No
2CC #18	CA_7A-7A (1)	5, 10, 15, 20	5, 10, 15, 20		No
2CC #19	CA_7A-12A	5, 10, 15, 20	5, 10		3CC #12
2CC #20	CA_12B	5	5, 10		3CC #13
2CC #21	CA_12A-25A	5, 10	5, 10, 15, 20		No
2CC #22	CA_12A-30A	5, 10	5, 10		3CC #14
2CC #23	CA_41A-41A (1)	5, 10, 15, 20	5, 10, 15, 20		No

Index	3CC	Supported Channel Bandwidth [MHz]			Restriction	Completely Covered by Measurement Superset
		CC1	CC2	CC3		
3CC #1	CA_2A-2A-4A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		4CC #2
3CC #2	CA_2A-2A-5A	5, 10, 15, 20	5, 10, 15, 20	5, 10		4CC #1
3CC #3	CA_2A-2A-12A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #4	CA_2C-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #5	CA_2A-2A-71A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #6	CA_2A-4A-4A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #7	CA_2A-4A-5A	5, 10, 15, 20	5, 10, 15, 20	10		3CC #1
3CC #8	CA_2A-4A-12A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #9	CA_2A-4A-13A	5, 10, 15, 20	5, 10, 15, 20	10		No
3CC #10	CA_2A-4A-71A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #11	CA_2A-5A	5, 10, 15, 20	5, 10	5, 10		4CC #5
3CC #12	CA_2A-7A-12A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #13	CA_2A-12B	5, 10, 15, 20	5	5, 10		No
3CC #14	CA_2A-12A-30A	5, 10, 15, 20	5, 10	5, 10		No
3CC #15	CA_4A-4A-5A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #16	CA_5B-30A	5, 10	5, 10	5, 10, 15, 20		3CC #3
3CC #17	CA_5B-66A	5, 10	5, 10	5, 10, 15, 20		3CC #3
3CC #18	CA_5A-30A-66A	5, 10	5, 10	5, 10, 15, 20		4CC #3
3CC #19	CA_12A-66C	5, 10	5, 10, 15, 20	5, 10, 15, 20		No
3CC #20	CA_30A-66A-66A	5, 10	5, 10, 15, 20	5, 10, 15, 20		4CC #9
3CC #21	CA_41D	10, 15, 20	10, 15, 20	10, 15, 20		No
3CC #22	CA_41A-41C	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #23	CA_66D	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #24	CA_66A-66C	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No

Index	4CC	Supported Channel Bandwidth [MHz]				Restriction	Completely Covered by Measurement Superset
		CC1	CC2	CC3	CC4		
4CC #1	CA_2A-2A-4A-5A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
4CC #2	CA_2A-2A-4A-12A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20	5, 10	B12 SCC Only	No
4CC #3	CA_2A-2A-5A-30A	5, 10, 15, 20	5, 10, 15, 20	5, 10	5, 10		No
4CC #4	CA_2A-2A-5A-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
4CC #5	CA_2A-5B-30A	5, 10, 15, 20	5, 10	5, 10	5, 10		3CC #1
4CC #6	CA_2A-5B-66A	5, 10, 15, 20	5, 10	5, 10	5, 10, 15, 20		3CC #1
4CC #7	CA_5B-30A-66A	5, 10	5, 10	5, 10	5, 10		3CC #1
4CC #8	CA_5B-66A-66A	5, 10	5, 10	5, 10, 15, 20	5, 10, 15, 20		3CC #2
4CC #9	CA_5A-30A-66A-66A	5, 10	5, 10	5, 10, 15, 20	5, 10, 15, 20		No
4CC #10	CA_41E	15, 20	15, 20	15, 20	20		No

Index	SCC	Supported Channel Bandwidth [MHz]					Restriction	Completely Covered by Measurement Superset
		CC1	CC2	CC3	CC4	CC5		
SCC #1	CA_2A-5B-30A-66A	5, 10, 15, 20	5, 10	5, 10	5, 10	5, 10, 15, 20		No
SCC #2	CA_2A-5B-66A-66A	5, 10, 15, 20	5, 10	5, 10	5, 10, 15, 20	5, 10, 15, 20		No

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

Index	2CC	Supported Channel Bandwidth [MHz]		Restriction	Completely Covered by Measurement Superset
		CC1	CC2		
2CC #M1	CA_[2C]	5, 10, 15, 20	5, 10, 15, 20		3CC #M6
2CC #M2	CA_[2A]-2A	5, 10, 15, 20	5, 10, 15, 20		3CC #M1
2CC #M3	CA_[2A]-[2A]	5, 10, 15, 20	5, 10, 15, 20		No
2CC #M4	CA_[2A]-4A (2)	5, 10, 15, 20	5, 10, 15, 20		3CC #M1
2CC #M5	CA_[2A]-[4A] (2)	5, 10, 15, 20	5, 10, 15, 20		No
2CC #M6	CA_[2A]-5A	5, 10, 15, 20	5, 10		4CC #M3
2CC #M7	CA_[2A]-12A (1)	5, 10, 15, 20	5, 5, 10		No
2CC #M8	CA_[2A]-13A	5, 10, 15, 20	10		3CC #M4
2CC #M9	CA_[2A]-17A	5, 10	5, 10		No
2CC #M10	CA_[2A]-29A (2)	5, 10, 15, 20	5, 10	B29 SCC Only	3CC #M12
2CC #M11	CA_[2A]-30A	5, 10, 15, 20	5, 10		3CC #M5
2CC #M12	CA_[2A]-66A (2)	5, 10, 15, 20	5, 10, 15, 20		4CC #M1
2CC #M13	CA_2A-[66A] (2)	5, 10, 15, 20	5, 10, 15, 20		4CC #M2
2CC #M14	CA_[2A]-[66A] (2)	5, 10, 15, 20	5, 10, 15, 20		No
2CC #M15	CA_[2A]-71A	5, 10, 15, 20	5, 10, 15, 20		3CC #M11
2CC #M16	CA_5A-[66A]	5, 10	5, 10, 15, 20		3CC #M16
2CC #M17	CA_12A-[66A] (4)	5, 10	5, 10, 15, 20		3CC #M17
2CC #M18	CA_13A-[66A]	5, 10	5, 10, 15, 20		3CC #M19
2CC #M19	CA_30A-[66A]	5, 10	5, 10, 15, 20		3CC #M20
2CC #M20	CA_[66B]	5, 10, 15	5, 10, 15		4CC #M4
2CC #M21	CA_[66C]	5, 10, 15, 20	5, 10, 15, 20		4CC #M6
2CC #M22	CA_[66A]-66A	5, 10, 15, 20	5, 10, 15, 20		3CC #M28
2CC #M23	CA_[66A]-[66A]	5, 10, 15, 20	5, 10, 15, 20		No

Index	3CC	Supported Channel Bandwidth [MHz]			Restriction	Completely Covered by Measurement Superset
		CC1	CC2	CC3		
3CC #M1	CA_[2A]-2A-4A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M2	CA_[2A]-2A-5A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #M3	CA_[2A]-2A-12A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #M4	CA_[2A]-2A-13A	5, 10, 15, 20	5, 10, 15, 20	10		No
3CC #M5	CA_[2A]-2A-30A	5, 10, 15, 20	5, 10, 15, 20	5, 10		No
3CC #M6	CA_[2C]-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M7	CA_2C-[66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M8	CA_[2C]-[66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M9	CA_[2A]-2A-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M10	CA_2A-2A-[66A]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M11	CA_[2A]-2A-71A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M12	CA_[2A]-4A-29A	5, 10, 15, 20	5, 10, 15, 20	5, 10	B29 SCC Only	No
3CC #M13	CA_[2A]-4A-71A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M14	CA_[2A]-5B	5, 10, 15, 20	5, 10	5, 10		4CC #M1
3CC #M15	CA_[2A]-5A-66A	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M16	CA_2A-5A-[66A]	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M17	CA_2A-12A-[66A]	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M18	CA_[2A]-13A-66A	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M19	CA_2A-13A-[66A]	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M20	CA_2A-30A-[66A]	5, 10, 15, 20	5, 10	5, 10, 15, 20		No
3CC #M21	CA_[2A]-[66B]	5, 10, 15, 20	5, 10, 15	5, 10, 15		4CC #M3
3CC #M22	CA_2A-[66B]	5, 10, 15, 20	5, 10, 15	5, 10, 15		4CC #M4
3CC #M23	CA_[2A]-[66B]	5, 10, 15, 20	5, 10, 15	5, 10, 15		No
3CC #M24	CA_[2A]-66C	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		4CC #M5
3CC #M25	CA_2A-[66C]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		4CC #M6
3CC #M26	CA_[2A]-[66C]	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M27	CA_[2A]-66A-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M28	CA_2A-[66A]-66A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No
3CC #M29	CA_[2A]-66A-71A	5, 10, 15, 20	5, 10, 15, 20	5, 10, 15, 20		No

Index	4CC	Supported Channel Bandwidth [MHz]				Restriction	Completely Covered by Measurement Superset
		CC1	CC2	CC3	CC4		
4CC #M1	CA_[2A]-5B-66A	5, 10, 15, 20	5, 10	5, 10	5, 10, 15, 20		No
4CC #M2	CA_2A-5B-[66A]	5, 10, 15, 20	5, 10	5, 10	5, 10, 15, 20		No
4CC #M3	CA_[2A]-5A-66B	5, 10, 15, 20	5, 10	5, 10, 15	5, 10, 15		No
4CC #M4	CA_2A-5A-[66B]	5, 10, 15, 20	5, 10	5, 10, 15	5, 10, 15		No
4CC #M5	CA_[2A]-5A-66C	5, 10, 15, 20	5, 10	5, 10, 15, 20	5, 10, 15, 20		No
4CC #M6	CA_2A-5A-[66C]	5, 10, 15, 20	5, 10	5, 10, 15, 20	5, 10, 15, 20		No

Note: [CC] indicates component carrier with 4x4 DL MIMO antenna configuration

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.

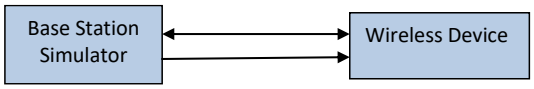


Figure F-1
DL CA Power Measurement Setup

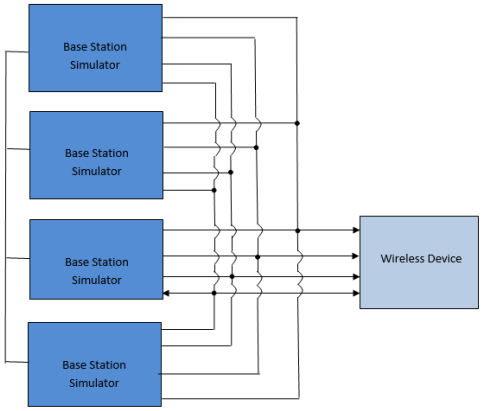


Figure F-2
DL CA with DL 4x4 MIMO Power Measurement Setup

F.3 Downlink Carrier Aggregation RF Conducted Powers

F.3.1 LTE Band 71 as PCC

Table F-3
Maximum Output Powers – Ant 3

	PCC									SCC 1				SCC 2				SCC 3				Power	
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 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-4A-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	19.85	19.98
CA_4A-4A-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	19.81	19.98
CA_2A-2A-66A-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	19.31	19.98
CA_2A-66A-66A-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	19.33	19.98
CA_2A-66C-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	19.80	19.98

F.3.2 LTE Band 12 as PCC

Table F-4
Maximum Output Powers – Ant 1

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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-12A (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	-	-	-	-	20.06	20.10
CA_4A-12A (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	20.05	20.10
CA_4A-12A (2)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	20.05	20.10
CA_12A-25A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B25	20	8365	1962.5	-	-	-	-	-	-	-	-	-	-	-	-	20.03	20.10
CA_12A-46A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	20.11	20.10
CA_12A-66A (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	20.09	20.10
CA_12A-66A (2)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	20.09	20.10
CA_2C-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B2	20	702	1940.2	-	-	-	-	-	-	-	-	19.81	20.10
CA_2A-2A-4A-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	-	-	19.60	20.10
CA_2A-2A-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B12	10	5107	738.7	LTE B2	20	900	1960	LTE B2	20	700	1940	-	-	-	-	19.63	20.10
CA_2A-4A-4A-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	19.58	20.10
CA_2A-4A-7A-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	-	-	-	-	19.54	20.10
CA_2A-4A-12A-30A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	-	-	-	-	19.57	20.10
CA_2A-4A-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B12	10	5107	738.7	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	19.62	20.10
CA_2A-12A-66C	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	19.63	20.10
CA_4A-4A-12A-30A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	LTE B30	10	9820	2355	-	-	-	-	19.60	20.10
CA_4A-4A-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B12	10	5107	738.7	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	19.64	20.10
CA_2A-2A-7A-12A-66A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	20.02	20.10
CA_2A-2A-12A-30A-66A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	9820	2355	LTE B66	20	66786	2145	20.00	20.10
CA_2A-2A-12A-66A-66A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	20.05	20.10
CA_2A-12A-30A-66A-66A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	20.04	20.10

F.3.3 LTE Band 13 as PCC

Table F-5
Maximum Output Powers – Ant 1

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]	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-4A-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	19.33	19.69
CA_2A-13A-46A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	19.35	19.69
CA_4A-4A-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	-	19.30	19.69
CA_13A-46A-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B46	20	50665	5537.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	19.25	19.69
CA_13A-48A-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B48	20	55990	3625	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	19.26	19.69
CA_2A-2A-13A-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	-	-	-	-	19.22	19.69
CA_2A-7A-7A-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	-	-	-	-	19.18	19.69
CA_2A-7C-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2900	2635.2	-	-	-	-	19.20	19.69
CA_2A-13A-46C	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	19.27	19.69
CA_2A-13A-66A-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	19.23	19.69
CA_2A-13A-66B	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	-	-	-	-	19.21	19.69
CA_2A-13A-66C	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	-	-	-	-	19.15	19.69
CA_13A-46C-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B66	20	66786	2145	-	-	-	-	19.26	19.69
CA_13A-48C-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B66	20	66786	2145	-	-	-	-	19.21	19.69
CA_13A-66A-66B	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B66	20	66786	2145	LTE B66	5	67168	2183.2	LTE B66	15	67261	2192.5	-	-	-	-	19.23	19.69
CA_13A-66A-66C	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B66	20	66786	2145	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	-	-	-	-	19.21	19.69
CA_2A-13A-46D	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	19.40	19.69
CA_13A-46D-66A	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B66	20	66786	2145	19.42	19.69
CA_13A-46E	LTE B13	10	23230	782	16QAM	1	0	5230	751	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B46	20	51061	5577.1	19.29	19.69

F.3.4 LTE Band 14 as PCC

Table F-6
Maximum Output Powers – Ant 1

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]	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	5	23330	793	16QAM	1	12	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	9820	2355	LTE B66	20	66786	2145	19.02	19.64
CA_2A-2A-14A-66A-66A	LTE B14	5	23330	793	16QAM	1	12	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	19.07	19.64
CA_2A-14A-30A-66A-66A	LTE B14	5	23330	793	16QAM	1	12	5330	763	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	19.06	19.64

F.3.5 LTE Band 26 as PCC

Table F-7
Maximum Output Powers – Ant 3

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	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B7	20	3100	2655	-	-	-	-	18.40	18.46
CA_25A-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B25	20	8365	1962.5	-	-	-	-	18.42	18.46
CA_26A-41A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B41	20	40620	2593	-	-	-	-	18.36	18.46
CA_7A-7A-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	18.15	18.46
CA_25A-25A-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B25	20	8365	1962.5	LTE B25	20	8590	1985	18.16	18.46
CA_26A-41C	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	LTE B41	20	40620	2593	LTE B41	20	40422	2573.2	18.13	18.46

F.3.6 LTE Band 5 as PCC

Table F-8
Maximum Output Powers – Ant 3

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]	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-7A	LTE B5	3	20635	847.5	256QAM	1	0	2635	892.5	LTE B7	20	3100	2655	-	-	-	-	-	-	-	-	-	-	-	-	17.94	18.28
CA_5A-25A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B25	20	8365	1962.5	-	-	-	-	-	-	-	-	-	-	-	-	18.30	18.27
CA_5A-41A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B41	20	40620	2593	-	-	-	-	-	-	-	-	-	-	-	-	18.20	18.27
CA_5A-46A (1)	LTE B5	3	20635	847.5	256QAM	1	0	2635	892.5	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	18.08	18.28
CA_5A-48A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	-	-	-	-	18.18	18.27
CA_5B (1)	LTE B5	3	20635	847.5	256QAM	1	0	2635	892.5	LTE B5	5	2596	888.6	-	-	-	-	-	-	-	-	-	-	-	-	18.40	18.28
CA_2A-5A-46A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	17.80	18.27
CA_2C-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	702	1940.2	-	-	-	-	-	-	-	-	17.91	18.27
CA_5A-7A-7A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B7	20	3100	2655	LTE B7	20	2850	2630	-	-	-	-	-	-	-	-	17.93	18.27
CA_5A-7C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	-	-	-	-	-	-	-	-	17.89	18.27
CA_5A-46A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B46	20	50665	5537.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	17.75	18.27
CA_5A-46C (1)	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	17.91	18.27
CA_2A-2A-4A-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	-	-	17.71	18.27
CA_2A-4A-4A-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	17.71	18.27
CA_2A-4A-5A-30A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	9820	2355	-	-	-	-	17.67	18.27
CA_2A-4A-5B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	17.71	18.27
CA_2A-5A-46C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	17.80	18.27
CA_4A-4A-5A-30A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	LTE B30	10	9820	2355	-	-	-	-	17.72	18.27
CA_4A-4A-5B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	17.69	18.27
CA_5A-46C-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B66	20	66786	2145	-	-	-	-	17.82	18.27
CA_5A-46D (1)	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	17.85	18.27
CA_5A-66A-66B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B66	20	66786	2145	LTE B66	10	67187	2185.1	LTE B66	10	67286	2195	-	-	-	-	17.71	18.27
CA_5A-66A-66C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B66	20	66786	2145	LTE B66	20	67038	2170.2	LTE B66	20	67236	2190	-	-	-	-	17.73	18.27
CA_2A-2A-5A-30A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	9820	2355	LTE B66	20	66786	2145	18.10	18.27
CA_2A-2A-5A-66A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.07	18.27
CA_2A-2A-5A-66B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	18.07	18.27
CA_2A-2A-5A-66C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	18.12	18.27
CA_2A-5A-30A-66A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.08	18.27
CA_2A-5A-46D	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	18.09	18.27
CA_2A-5B-30A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B2	20	900	1960	LTE B30	10	9820	2355	LTE B66	20	66786	2145	18.08	18.27
CA_2A-5B-66A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.11	18.27
CA_2A-5B-66B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B2	20	900	1960	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	18.05	18.27
CA_2A-5B-66C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	66984	2164.8	18.12	18.27
CA_5A-46D-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B66	20	66786	2145	18.13	18.27
CA_5B-30A-66A-66A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	LTE B5	10	2553	884.3	LTE B30	10	9820	2355	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.08	18.27

F.3.7 LTE Band 66 as PCC

Table F-9
Maximum Output Powers – Ant 3

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				SCC 5				Power	
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 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]	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-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.58	15.44
CA_12A-66A (1)	LTE B66	1.4	131979	1710.7	64QAM	3	2	66443	2110.7	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.48	15.45
CA_12A-66A (2)	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.59	15.44
CA_2A-48A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	-	-	-	-	14.97	15.44
CA_5A-46A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B5	10	2525	881.5	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	15.06	15.44
CA_13A-46A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B13	10	5230	751	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	15.04	15.44
CA_13A-48A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B13	10	5230	751	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	-	-	-	-	15.07	15.44
CA_29A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B29	10	9715	722.5	-	-	-	-	-	-	-	-	-	-	-	-	14.73	15.44
CA_46A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	15.09	15.44
CA_2A-2A-13A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.92	15.44
CA_2A-2A-66A-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B71	20	68761	634.5	-	-	-	-	-	-	-	-	14.93	15.44
CA_2A-7C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	-	-	-	-	-	-	-	-	14.92	15.44
CA_2A-12A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B2	20	900	1960	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	14.67	15.44
CA_2A-13A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.93	15.44
CA_2A-13A-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.90	15.44
CA_2A-13A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.92	15.44
CA_2A-29A-30A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B29	10	9715	722.5	LTE B30	10	9820	2355	-	-	-	-	-	-	-	-	14.92	15.44
CA_2A-46A-46A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	47090	5180	-	-	-	-	-	-	-	-	14.88	15.44
CA_2A-46A-48A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B48	20	55990	3625	-	-	-	-	-	-	-	-	15.06	15.44
CA_2A-48C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	-	-	-	-	15.39	15.44
CA_2A-66A-66A-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B71	20	68761	634.5	-	-	-	-	-	-	-	-	14.90	15.44
CA_2A-66A-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	10	66585	2124.9	LTE B66	10	66486	2115	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	14.94	15.44
CA_2A-66B-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B66	20	66536	2120	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	14.95	15.44
CA_2A-66A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66734	2139.8	LTE B66	20	66536	2120	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	14.96	15.44
CA_2A-66C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B66	20	66536	2120	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	14.97	15.44
CA_2A-66C-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B2	20	900	1960	LTE B71	20	68761	634.5	-	-	-	-	-	-	-	-	14.93	15.44
CA_2C-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B2	20	702	1940.2	-	-	-	-	-	-	-	-	14.94	15.44
CA_5A-46C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B5	10	2525	881.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	14.94	15.44
CA_5A-66A-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	10	66585	2124.9	LTE B66	10	66486	2115	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.92	15.44
CA_5A-66B-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.91	15.44
CA_5A-66A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66734	2139.8	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.93	15.44
CA_5A-66C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.95	15.44
CA_7C-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	-	-	-	-	-	-	-	-	14.93	15.44
CA_13A-46C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B13	10	5230	751	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	15.07	15.44
CA_13A-48C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B13	10	5230	751	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	-	-	-	-	15.39	15.44
CA_13A-66A-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	10	66585	2124.9	LTE B66	10	66486	2115	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.94	15.44
CA_13A-66B-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B66	20	66536	2120	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.95	15.44
CA_13A-66A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66734	2139.8	LTE B66	20	66536	2120	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.95	15.44
CA_13A-66C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B66	20	66536	2120	LTE B13	10	5230	751	-	-	-	-	-	-	-	-	14.94	15.44
CA_46C-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	14.88	15.44
CA_48A-48A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B48	20	55990	3625	LTE B48	20	55340	3560	-	-	-	-	-	-	-	-	15.09	15.44
CA_48A-48C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B48	20	55990	3625	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	-	-	-	-	-	-	-	-	15.06	15.44
CA_48C-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	-	-	-	-	15.13	15.44
CA_2A-2A-5A-30A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	-	-	-	-	15.16	15.44
CA_2A-2A-5A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	-	-	-	-	15.19	15.44
CA_2A-2A-5A-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	-	-	-	-	15.20	15.44
CA_2A-2A-5A-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	-	-	-	-	15.23	15.44
CA_2A-2A-7A-12A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B12	10	5095	737.5	-	-	-	-	15.19	15.44
CA_2A-2A-12A-30A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	-	-	-	-	15.17	15.44
CA_2A-2A-12A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	-	-	-	-	15.17	15.44
CA_2A-2A-14A-30A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	LTE B30	10	9820	2355	-	-	-	-	15.16	15.44
CA_2A-2A-14A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	-	-	-	-	15.19	15.44
CA_2A-5A-30A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B30	10	9820	2355	-	-	-	-	15.17	15.44
CA_2A-5B-30A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	LTE B30	10	9820	2355	-	-	-	-	15.16	15.44
CA_2A-5B-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	-	-	-	-	15.18	15.44
CA_2A-5B-66B	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	5	66968	2163.2	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	-	-	-	-	15.20	15.44
CA_2A-5B-66C	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66890	2155.4	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	-	-	-	-	15.22	15.44
CA_2A-7A-7A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	-	-	-	-	15.24	15.44
CA_2A-7C-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	-	-	-	-	15.17	15.44
CA_2A-12A-30A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B30	10	9820	2355	-	-	-	-	15.21	15.44
CA_2A-14A-30A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B30	10	9820	2355	-	-	-	-	15.20	15.44
CA_2A-46A-46C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	53540	5825	-	-	-	-	15.17	15.44
CA_2A-46A-48C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	-	-	-	-	15.13	15.44
CA_2A-46C-48A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B48	20	55990	3625	-	-	-	-	14.97	15.44
CA_2A-48D-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	-	-	-	-	15.16	15.44
CA_5A-46D-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B5	10	2525	881.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	15.18	15.44
CA_5B-30A-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	LTE B30	10	9820	2355	-	-	-	-	15.20	15.44
CA_13A-46D-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B13	10	5230	751	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	15.18	15.44
CA_46D-66A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B66	20	66536	2120	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	15.20	15.44
CA_48E-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	LTE B48	20	56584	3684.4	-	-	-	-	15.13	15.44
CA_2A-46A-48D-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	LTE B48	20	56386	3664.6	15.00	15.44
CA_2A-46C-48C-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B48	20	55990	3625	LTE B48	20	56188	3644.8	14.93	15.44
CA_2A-46D-48A-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B48	20	55990	3625	15.07	15.44
CA_2A-46E-66A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	LTE B2	20	900	1960	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B46	20	50269	5497.9	15.20	15.44

F.3.8 LTE Band 25 as PCC

Table F-10
Maximum Output Powers – Ant 3

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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-25A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	15.87	15.73
CA_12A-25A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B12	10	5095	737.5	-	-	-	-	-	-	-	-	-	-	-	-	15.89	15.73
CA_25A-26A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B26	10	8865	876.5	-	-	-	-	-	-	-	-	-	-	-	-	15.91	15.73
CA_25A-46A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	15.88	15.73
CA_25A-25A-26A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B25	20	8140	1940	LTE B26	5	8865	876.5	-	-	-	-	-	-	-	-	15.54	15.73
CA_25A-25A-41A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B25	20	8140	1940	LTE B41	20	40620	2593	-	-	-	-	-	-	-	-	15.71	15.73
CA_25A-41C	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B41	20	40620	2593	LTE B41	20	40422	2573.2	-	-	-	-	-	-	-	-	15.52	15.73
CA_25A-46C	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	15.55	15.73
CA_25A-25A-41C	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B25	20	8590	1985	LTE B41	20	40620	2593	LTE B41	20	40422	2573.2	-	-	-	-	15.53	15.73
CA_25A-46D	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	15.39	15.73
CA_25A-25A-41D	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	LTE B25	20	8590	1985	LTE B41	20	40422	2573.2	LTE B41	20	40620	2593	LTE B41	20	40818	2612.8	15.51	15.73

F.3.9 LTE Band 30 as PCC

Table F-11
Maximum Output Powers – Ant 3

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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_2C-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B2	20	702	1940.2	-	-	-	-	-	-	-	-	17.88	18.19
CA_2A-2A-29A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B29	10	9715	722.5	-	-	-	-	17.87	18.19
CA_2A-4A-5A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B5	10	2525	881.5	-	-	-	-	17.83	18.19
CA_2A-4A-12A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	-	-	-	-	17.81	18.19
CA_2A-4A-29A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B29	10	9715	722.5	-	-	-	-	17.80	18.19
CA_2A-29A-30A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B29	10	9715	722.5	LTE B66	20	66786	2145	-	-	-	-	17.79	18.19
CA_4A-4A-5A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	LTE B5	10	2525	881.5	-	-	-	-	17.83	18.19
CA_4A-4A-12A-30A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	LTE B12	10	5095	737.5	-	-	-	-	17.84	18.19
CA_2A-2A-5A-30A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	17.83	18.19
CA_2A-2A-12A-30A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	18.11	18.19
CA_2A-2A-14A-30A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B14	10	5330	763	LTE B66	20	66786	2145	18.10	18.19
CA_2A-5A-30A-66A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.16	18.19
CA_2A-5B-30A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	LTE B66	20	66786	2145	18.12	18.19
CA_2A-12A-30A-66A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.18	18.19
CA_2A-14A-30A-66A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B2	20	900	1960	LTE B14	10	5330	763	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.13	18.19
CA_5B-30A-66A-66A	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	LTE B5	10	2525	881.5	LTE B5	5	2453	874.3	LTE B66	20	66786	2145	LTE B66	20	67236	2190	18.18	18.19

F.3.10 LTE Band 7 as PCC

Table F-12
Maximum Output Powers – Ant 3

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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-7A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	15.10	14.97
CA_7A-26A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B26	10	8865	876.5	-	-	-	-	-	-	-	-	-	-	-	-	15.03	14.97
CA_7A-46A (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	-	-	-	-	15.03	14.97
CA_7B	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	5	2918	2636.8	-	-	-	-	-	-	-	-	-	-	-	-	15.08	14.97
CA_4A-4A-7A (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	-	-	-	14.64	14.97
CA_5A-7A-7A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	3350	2680	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.77	14.97
CA_5A-7C	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	14.72	14.97
CA_7A-7A-26A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	3350	2680	LTE B26	10	8865	876.5	-	-	-	-	-	-	-	-	14.70	14.97
CA_7A-46C (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	-	-	-	-	14.76	14.97
CA_7C-46A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B46	20	50665	5537.5	-	-	-	-	-	-	-	-	14.76	14.97
CA_2A-4A-7A-7A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	3350	2680	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	14.65	14.97
CA_2A-4A-7A-12A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B12	10	5095	737.5	-	-	-	-	14.57	14.97
CA_2A-4A-7C	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	14.62	14.97
CA_2A-7A-7A-13A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	3350	2680	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	14.18	14.97
CA_2A-7C-13A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B2	20	900	1960	LTE B13	10	5230	751	-	-	-	-	14.19	14.97
CA_2A-7C-66A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B2	20	900	1960	LTE B66	20	66786	2145	-	-	-	-	14.17	14.97
CA_7A-46D (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	-	-	-	-	14.62	14.97
CA_7C-46C	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	-	-	-	-	14.62	14.97
CA_7C-66A-66A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	14.25	14.97
CA_2A-2A-7A-12A-66A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B12	10	5095	737.5	LTE B66	20	66786	2145	14.37	14.97
CA_2A-7A-7A-66A-66A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	3350	2680	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	15.01	14.97
CA_2A-7C-66A-66A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B2	20	900	1960	LTE B66	20	66786	2145	LTE B66	20	67236	2190	14.90	14.97
CA_7A-46E	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	LTE B46	20	51061	5577.1	14.23	14.97
CA_7C-46D	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	LTE B7	20	2996	2644.6	LTE B46	20	50665	5537.5	LTE B46	20	50467	5517.7	LTE B46	20	50863	5557.3	14.73	14.97

F.3.11 LTE Band 41 as PCC

Table F-13
Maximum Output Powers – Ant 1

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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-41A	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B5	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	17.66	17.67
CA_26A-41A	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B26	10	8865	876.5	-	-	-	-	-	-	-	-	-	-	-	-	17.64	17.67
CA_41A-41A (1)	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	39750	2506	-	-	-	-	-	-	-	-	-	-	-	-	17.66	17.67
CA_26A-41C	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B26	10	8865	876.5	-	-	-	-	-	-	-	-	17.65	17.67
CA_41A-41C	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	39948	2525.8	LTE B41	20	39750	2506	-	-	-	-	-	-	-	-	17.65	17.67
CA_41C-41A	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	39750	2506	-	-	-	-	-	-	-	-	17.62	17.67
CA_41A-41D	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	40146	2545.6	LTE B41	20	39948	2525.8	LTE B41	20	39750	2506	-	-	-	-	17.66	17.67
CA_41D-41A	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	41094	2640.4	LTE B41	20	39750	2506	-	-	-	-	17.65	17.67
CA_41C-41C	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	39948	2525.8	LTE B41	20	39750	2506	-	-	-	-	17.69	17.67
CA_41E	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	41094	2640.4	LTE B41	20	40896	2620.6	-	-	-	-	17.66	17.67
CA_41C-41D	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	40146	2545.6	LTE B41	20	39948	2525.8	LTE B41	20	39750	2506	17.67	17.67
CA_41D-41C	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	LTE B41	20	41292	2660.2	LTE B41	20	41094	2640.4	LTE B41	20	39948	2525.8	LTE B41	20	39750	2506	17.65	17.67

F.3.12 LTE Band 48 as PCC

Table F-14
Maximum Output Powers – Ant 1

	PCC									SCC 1				SCC 2				SCC 3				SCC 4				Power	
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 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	10	2525	881.5	-	-	-	-	-	-	-	-	-	-	-	-	13.99	13.99
CA_2A-48A-48A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	3560	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	13.96	13.99
CA_2A-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B2	20	900	1960	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	13.56	13.99
CA_13A-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B13	10	5230	751	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	13.60	13.99
CA_2A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B2	20	900	1960	LTE B66	20	66786	2145	-	-	-	-	13.91	13.99
CA_13A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B13	10	5230	751	LTE B66	20	66786	2145	-	-	-	-	13.90	13.99
CA_48A-48A-66A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	3560	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	13.88	13.99
CA_48A-48C-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	55340	3560	LTE B48	20	55538	3579.8	LTE B66	20	66786	2145	-	-	-	-	13.98	13.99
CA_48C-48A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B48	20	55340	3560	LTE B66	20	66786	2145	-	-	-	-	13.94	13.99
CA_48C-66A-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B66	20	66786	2145	LTE B66	20	67236	2190	-	-	-	-	13.93	13.99
CA_2A-48D-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B48	20	55811	3607.1	LTE B2	20	900	1960	LTE B66	20	66786	2145	13.67	13.99
CA_2A-48E	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B48	20	55811	3607.1	LTE B48	20	55613	3587.3	LTE B2	20	900	1960	13.98	13.99
CA_48E-66A	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	LTE B48	20	56009	3626.9	LTE B48	20	55811	3607.1	LTE B48	20	55613	3587.3	LTE B66	20	66786	2145	13.98	13.99

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 1

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]
41	20	41490	2680	QPSK	50	25	17.64	17.67	17.5
48	20	56207	3646.7	16QAM	1	0	13.97	13.99	13.0

Table F-16
Maximum Output Powers – Ant 3

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	1.4	131979	1710.7	64QAM	3	2	15.55	15.45	15.0
25	20	26365	1882.5	64QAM	1	0	15.96	15.73	15.2
7	15	20825	2507.5	64QAM	1	36	15.11	14.97	14.7
30	5	27710	2310	16QAM	1	24	18.17	18.19	17.2

F.4.2 LTE Band 71 as PCC

Table F-17
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					Power	
Combination	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 (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	10	133422	693	256QAM	1	0	68886	647	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	20.23	19.98
CA_[4A]-[4A]-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	20.18	19.98
CA_[2A]-[2A]-[66A]-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	20.21	19.98
CA_[2A]-[66A]-[66A]-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	20.09	19.98
CA_[2A]-[66C]-71A	LTE B71	10	133422	693	256QAM	1	0	68886	647	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	20.18	19.98

F.4.3 LTE Band 12 as PCC

Table F-18
Maximum Output Powers – Ant 1

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_[2A]-12A (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.60	20.10
CA_[4A]-12A (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.63	20.10
CA_[4A]-12A (2)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.63	20.10
CA_12A-[25A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.57	20.10
CA_12A-[66A] (1)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.55	20.10
CA_12A-[66A] (2)	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.55	20.10
CA_[2C]-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	702	1940.2	4x4	-	-	-	-	-	-	-	-	-	-	-	19.91	20.10
CA_[2A]-[2A]-[4A]-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	19.61	20.10
CA_[2A]-[2A]-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B12	10	5107	738.7	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	-	-	-	-	-	-	19.62	20.10
CA_[2A]-[4A]-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	19.79	20.10
CA_[2A]-[4A]-[7A]-12A	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	19.77	20.10
CA_[2A]-[4A]-12A-[30A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	-	19.84	20.10
CA_[2A]-[4A]-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B12	10	5107	738.7	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	19.60	20.10
CA_[2A]-12A-[66C]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	-	19.80	20.10
CA_[4A]-[4A]-12A-[30A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	-	19.85	20.10
CA_[4A]-[4A]-12B	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B12	10	5107	738.7	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	19.76	20.10
CA_[2A]-[2A]-[7A]-12A-[66A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B66	20	66786	2145	4x4	19.90	20.10
CA_[2A]-[2A]-12A-[30A]-[66A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	19.89	20.10
CA_[2A]-[2A]-12A-[66A]-[66A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	19.86	20.10
CA_[2A]-12A-[30A]-[66A]-[66A]	LTE B12	5	23035	701.5	16QAM	1	0	5035	731.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	19.91	20.10

F.4.4 LTE Band 13 as PCC

Table F-19
Maximum Output Powers – Ant 1

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_[2A]-[4A]-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	-	-	-	-	19.19	19.69
CA_[2A]-13A-46A	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	19.18	19.69
CA_[4A]-[4A]-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	-	-	-	-	19.04	19.69
CA_13A-46A-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	19.20	19.69
CA_13A-48A-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	19.71	19.69
CA_[2A]-[2A]-13A-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	19.23	19.69
CA_[2A]-[7A]-[7A]-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	-	19.19	19.69
CA_[2A]-[7C]-13A	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	-	-	-	-	-	-	19.20	19.69
CA_[2A]-13A-46C	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	19.28	19.69
CA_[2A]-13A-[66A]-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	19.22	19.69
CA_[2A]-13A-[66B]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	-	-	-	-	-	-	19.18	19.69
CA_[2A]-13A-[66C]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66984	2164.8	4x4	-	-	-	-	-	-	-	-	-	-	19.19	19.69
CA_13A-46C-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	19.30	19.69
CA_13A-[48C]-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B48	20	55990	3644.8	4x4	LTE B48	20	56188	3644.8	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	19.40	19.69
CA_13A-[66A]-[66B]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	5	67168	2183.2	4x4	LTE B66	15	67261	2192.5	4x4	-	-	-	-	-	-	19.24	19.69
CA_13A-[66A]-[66C]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	19.22	19.69
CA_[2A]-13A-46D	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	19.42	19.69
CA_13A-46D-[66A]	LTE B13	10	23230	782	16QAM	1	0	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	LTE B66	20	66786	2145	4x4	19.41	19.69

F.4.5 LTE Band 14 as PCC

Table F-20
Maximum Output Powers – Ant 1

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_[2A]-[2A]-14A-[30A]-[66A]	LTE B14	5	23330	793	16QAM	1	12	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	19.47	19.64
CA_[2A]-[2A]-14A-[66A]-[66A]	LTE B14	5	23330	793	16QAM	1	12	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	19.45	19.64
CA_[2A]-14A-[30A]-[66A]-[66A]	LTE B14	5	23330	793	16QAM	1	12	5330	763	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	19.44	19.64

F.4.6 LTE Band 26 as PCC

Table F-21
Maximum Output Powers – Ant 3

	PCC									SCC 1					SCC 2					Power	
Combination	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 (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	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	18.14	18.46
CA_[25A]-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	18.16	18.46
CA_26A-[41A]	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B41	20	40620	2593	4x4	-	-	-	-	-	18.46	18.46
CA_[7A]-[7A]-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	18.46	18.46
CA_[25A]-[25A]-26A	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B25	20	8365	1962.5	4x4	LTE B25	20	8590	1985	4x4	18.36	18.46
CA_26A-[41C]	LTE B26	5	27015	846.5	16QAM	1	12	9015	891.5	2x2	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4	18.41	18.46

F.4.7 LTE Band 5 as PCC

Table F-22
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_5A-[7A]	LTE B5	3	20635	847.5	256QAM	1	0	2635	892.5	2x2	LTE B7	20	3100	2655	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.57	18.28
CA_5A-[25A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B25	20	8365	1962.5	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.83	18.27
CA_5A-[41A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.36	18.27
CA_5A-[48A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B48	20	55990	3625	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.35	18.27
CA_[2A]-5A-46A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	18.13	18.27
CA_[2C]-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	702	1940.2	4x4	-	-	-	-	-	-	-	-	-	-	18.06	18.27
CA_5A-[7A]-[7A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	-	-	-	-	-	18.05	18.27
CA_5A-[7C]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	-	-	-	-	-	-	-	-	-	-	18.02	18.27
CA_5A-46A-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B46	20	50665	5537.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	18.11	18.27
CA_[2A]-[2A]-[4A]-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	17.77	18.27
CA_[2A]-[4A]-[4A]-5A	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	17.79	18.27
CA_[2A]-[4A]-5A-[30A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	-	17.81	18.27
CA_[2A]-[4A]-5B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	10	2553	884.3	2x2	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	-	18.05	18.27
CA_[2A]-5A-46C	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	18.01	18.27
CA_[4A]-[4A]-5A-[30A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	LTE B30	10	9820	2355	4x4	-	-	-	-	-	-	17.79	18.27
CA_[4A]-[4A]-5B	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	18.01	18.27
CA_5A-46C-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	17.99	18.27
CA_5A-[66A]-[66B]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	10	67187	2185.1	4x4	LTE B66	10	67286	2195	4x4	-	-	-	-	-	-	17.93	18.27
CA_5A-[66A]-[66C]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67038	2170.2	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	-	17.91	18.27
CA_[2A]-[2A]-5A-[30A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	17.94	18.27
CA_[2A]-[2A]-5A-[66A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	17.94	18.27
CA_[2A]-[2A]-5A-[66B]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	17.94	18.27
CA_[2A]-[2A]-5A-[66C]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	17.95	18.27
CA_[2A]-5A-[30A]-[66A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	17.93	18.27
CA_[2A]-5A-46D	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	18.10	18.27
CA_[2A]-5B-[30A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B2	20	900	1960	4x4	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	18.13	18.27
CA_[2A]-5B-[66A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	18.17	18.27
CA_[2A]-5B-[66B]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B2	20	900	1960	4x4	LTE B66	15	66786	2145	4x4	LTE B66	5	66879	2154.3	4x4	18.13	18.27
CA_[2A]-5B-[66C]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	66984	2164.8	4x4	18.14	18.27
CA_5A-46D-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	LTE B66	20	66786	2145	4x4	18.12	18.27
CA_5B-[30A]-[66A]-[66A]	LTE B5	5	20625	846.5	16QAM	1	0	2625	891.5	2x2	LTE B5	10	2553	884.3	2x2	LTE B30	10	9820	2355	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	18.17	18.27

F.4.8 LTE Band 66 as PCC

Table F-23
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					SCC 5					Power	
Combination	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 (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.	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]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.07	15.44
CA_12A-[66A] (1)	LTE B66	1.4	131979	1710.7	64QAM	3	2	66443	2110.7	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.24	15.45
CA_12A-[66A] (2)	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.20	15.44
CA_[2A]-[48A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.53	15.44
CA_5A-46A-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B5	10	2525	881.5	2x2	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.28	15.44
CA_13A-46A-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B13	10	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.34	15.44
CA_13A-[48A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B13	10	5230	751	2x2	LTE B48	20	55990	3625	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.19	15.44
CA_29A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.17	15.44
CA_46A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.14	15.44
CA_[2A]-[2A]-13A-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.12	15.44
CA_[2A]-[2A]-[66A]-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B71	20	68761	634.5	2x2	-	-	-	-	-	-	-	-	-	-	15.15	15.44
CA_[2A]-[7C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	-	-	-	-	-	-	-	-	-	-	15.13	15.44
CA_[2A]-12A-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	-	-	-	-	-	15.16	15.44
CA_[2A]-13A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.13	15.44
CA_[2A]-13A-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B2	20	900	1960	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.23	15.44
CA_[2A]-13A-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B2	20	900	1960	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.15	15.44
CA_[2A]-29A-[30A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B29	10	9715	722.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	-	-	-	-	-	15.17	15.44
CA_[2A]-46A-46A-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	47090	5180	2x2	-	-	-	-	-	-	-	-	-	-	15.14	15.44
CA_[2A]-46A-[48A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B48	20	55990	3625	4x4	-	-	-	-	-	-	-	-	-	-	15.25	15.44
CA_[2A]-[48C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	-	-	-	-	-	15.07	15.44
CA_[2A]-[66A]-[66A]-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B71	20	68761	634.5	2x2	-	-	-	-	-	-	-	-	-	-	15.12	15.44
CA_[2A]-[66A]-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	10	66585	2124.9	4x4	LTE B66	10	66486	2115	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	15.15	15.44
CA_[2A]-[66B]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	15.20	15.44
CA_[2A]-[66A]-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66734	2139.8	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	15.19	15.44
CA_[2A]-[66C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	15.17	15.44
CA_[2A]-[66C]-71A	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B2	20	900	1960	4x4	LTE B71	20	68761	634.5	2x2	-	-	-	-	-	-	-	-	-	-	15.18	15.44
CA_[2C]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	702	1940.2	4x4	-	-	-	-	-	-	-	-	-	-	15.19	15.44
CA_5A-46C-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B5	10	2525	881.5	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	-	-	-	-	15.13	15.44
CA_5A-[66A]-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	10	66585	2124.9	4x4	LTE B66	10	66486	2115	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	15.18	15.44
CA_5A-[66B]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B66	20	66536	2120	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	15.16	15.44
CA_5A-[66A]-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66734	2139.8	4x4	LTE B66	20	66536	2120	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	15.19	15.44
CA_5A-[66C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B66	20	66536	2120	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	15.17	15.44
CA_[7C]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	-	-	-	-	-	-	-	-	-	-	15.18	15.44
CA_13A-46C-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B13	10	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	-	-	-	-	15.27	15.44
CA_13A-[48C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B13	10	5230	751	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	-	-	-	-	-	15.13	15.44
CA_13A-[66A]-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	10	66585	2124.9	4x4	LTE B66	10	66486	2115	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.18	15.44
CA_13A-[66B]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B66	20	66536	2120	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.17	15.44
CA_13A-[66A]-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66734	2139.8	4x4	LTE B66	20	66536	2120	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.18	15.44
CA_13A-[66C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B66	20	66536	2120	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	-	-	-	-	-	15.16	15.44
CA_46C-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	-	-	-	-	15.15	15.44
CA_[48A]-[48A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	55340	3560	4x4	-	-	-	-	-	-	-	-	-	-	15.11	15.44
CA_[48A]-[48C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	-	-	-	-	-	-	-	-	-	-	15.31	15.44
CA_[48C]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	-	-	-	-	-	15.10	15.44
CA_[2A]-[2A]-5A-[30A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.27	15.44
CA_[2A]-[2A]-5A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	15.25	15.44
CA_[2A]-[2A]-5A-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	15.24	15.44
CA_[2A]-[2A]-5A-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	15.21	15.44
CA_[2A]-[2A]-[7A]-12A-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B7	20	3100	2655	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	15.22	15.44
CA_[2A]-[2A]-12A-[30A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.21	15.44
CA_[2A]-[2A]-12A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	15.18	15.44
CA_[2A]-[2A]-14A-[30A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.25	15.44
CA_[2A]-[2A]-14A-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	-	-	-	-	-	15.24	15.44
CA_[2A]-5A-[30A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.22	15.44
CA_[2A]-5B-[30A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.23	15.44
CA_[2A]-5B-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	-	-	-	-	-	15.21	15.44
CA_[2A]-5B-[66B]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	5	66968	2163.2	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	-	-	-	-	-	15.25	15.44
CA_[2A]-5B-[66C]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66890	2155.4	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	-	-	-	-	-	15.22	15.44
CA_[2A]-[7A]-[7A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2850	2630	4x4	-	-	-	-	-	15.34	15.44
CA_[2A]-[7C]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B7	20	3100	2655	4x4	LTE B7	20	2902	2635.2	4x4	-	-	-	-	-	15.22	15.44
CA_[2A]-12A-[30A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.19	15.44
CA_[2A]-14A-[30A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B2	20	900	1960	4x4	LTE B14	10	5330	763	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.18	15.44
CA_[2A]-46A-46C-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	53540	5825	2x2	-	-	-	-	-	14.84	15.44
CA_[2A]-46A-[48C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	-	-	-	-	-	15.07	15.44
CA_[2A]-46C-[48A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B48	20	55990	3625	4x4	-	-	-	-	-	15.12	15.44
CA_[2A]-[48D]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	-	-	-	-	-	15.12	15.44
CA_5A-46D-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B5	10	2525	881.5	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	-	-	-	-	-	15.26	15.44
CA_5B-[30A]-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	LTE B30	10	9820	2355	4x4	-	-	-	-	-	15.09	15.44
CA_13A-46D-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B13	10	5230	751	2x2	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	-	-	-	-	-	15.29	15.44
CA_46D-[66A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B66	20	66536	2120	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	-	-	-	-	-	15.24	15.44
CA_[48E]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	LTE B48	20	56584	3684.4	4x4	-	-	-	-	-	15.12	15.44
CA_2A-46A-[48D]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	2x2	LTE B46	20	50665	5537.5	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	LTE B48	20	56386	3664.6	4x4	14.77	15.44
CA_[2A]-46C-[48C]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B48	20	55990	3625	4x4	LTE B48	20	56188	3644.8	4x4	14.96	15.44
CA_[2A]-46D-[48A]-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	LTE B48	20	55990	3625	4x4	15.12	15.44
CA_[2A]-46E-[66A]	LTE B66	15	132597	1772.5	16QAM	1	36	67061	2172.5	4x4	LTE B2	20	900	1960	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	LTE B46	20	50269	5497.9	2x2	15.23	15.44

F.4.9 LTE Band 25 as PCC

Table F-24
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_5A-[25A]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.27	15.73
CA_12A-[25A]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.29	15.73
CA_[25A]-26A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B26	10	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.25	15.73
CA_[25A]-46A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.28	15.73
CA_[25A]-[25A]-26A	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B25	20	8140	1940	4x4	LTE B26	5	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	15.62	15.73
CA_[25A]-[25A]-[41A]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B25	20	8140	1940	4x4	LTE B41	20	40620	2593	4x4	-	-	-	-	-	-	-	-	-	-	15.37	15.73
CA_[25A]-[41C]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4	-	-	-	-	-	-	-	-	-	-	15.36	15.73
CA_[25A]-46C	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	-	-	-	-	15.36	15.73
CA_[25A]-[25A]-[41C]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B25	20	8590	1985	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40422	2573.2	4x4	-	-	-	-	-	15.55	15.73
CA_[25A]-46D	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	-	-	-	-	-	15.61	15.73
CA_[25A]-[25A]-[41D]	LTE B25	20	26365	1882.5	64QAM	1	0	8365	1962.5	4x4	LTE B25	20	8590	1985	4x4	LTE B41	20	40422	2573.2	4x4	LTE B41	20	40620	2593	4x4	LTE B41	20	40818	2612.8	4x4	15.39	15.73

F.4.10 LTE Band 30 as PCC

Table F-25
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_[2C]-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	702	1940.2	4x4	-	-	-	-	-	-	-	-	-	-	18.09	18.19
CA_[2A]-[2A]-29A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	17.95	18.19
CA_[2A]-[4A]-5A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	17.96	18.19
CA_[2A]-[4A]-12A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	17.99	18.19
CA_[2A]-[4A]-29A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	LTE B29	10	9715	722.5	2x2	-	-	-	-	-	17.94	18.19
CA_[2A]-[29A-[30A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B29	10	9715	722.5	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	17.99	18.19
CA_[4A]-[4A]-5A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	18.00	18.19
CA_[4A]-[4A]-12A-[30A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	18.03	18.19
CA_[2A]-[2A]-5A-[30A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	18.06	18.19
CA_[2A]-[2A]-12A-[30A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	17.89	18.19
CA_[2A]-[2A]-14A-[30A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	17.90	18.19
CA_[2A]-5A-[30A]-[66A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B5	10	2525	881.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	17.89	18.19
CA_[2A]-5B-[30A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B5	5	2453	874.3	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	18.07	18.19
CA_[2A]-12A-[30A]-[66A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	17.95	18.19
CA_[2A]-14A-[30A]-[66A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B2	20	900	1960	4x4	LTE B14	10	5330	763	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	17.91	18.19
CA_5B-[30A]-[66A]-[66A]	LTE B30	5	27710	2310	16QAM	1	24	9820	2355	4x4	LTE B5	10	2525	881.5	2x2	LTE B5	5	2453	874.3	2x2	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	18.09	18.19

F.4.11 LTE Band 7 as PCC

Table F-26
Maximum Output Powers – Ant 3

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_5A-[7A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.16	14.97
CA_[7A]-36A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B26	10	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.31	14.97
CA_[7A]-46A (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.11	14.97
CA_[7B]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	5	2918	2636.8	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.13	14.97
CA_[4A]-[4A]-[7A] (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B4	20	2175	2132.5	4x4	LTE B4	10	2350	2150	4x4	-	-	-	-	-	-	-	-	-	-	14.75	14.97
CA_5A-[7A] (1)[7A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	3350	2680	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	14.89	14.97
CA_5A-[7C]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	14.85	14.97
CA_[7A]-[7A]-26A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	3350	2680	4x4	LTE B26	10	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	14.88	14.97
CA_[7A]-46C (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	-	-	-	-	-	15.15	14.97
CA_[7C]-46A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B46	20	50665	5537.5	2x2	-	-	-	-	-	-	-	-	-	-	14.77	14.97
CA_[2A]-[4A]-[7A]-[7A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	3350	2680	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	15.14	14.97
CA_[2A]-[4A]-[7A]-12A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	2175	2132.5	4x4	LTE B12	10	5095	737.5	2x2	-	-	-	-	-	15.18	14.97
CA_[2A]-[4A]-[7C]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B2	20	900	1960	4x4	LTE B4	20	2175	2132.5	4x4	-	-	-	-	-	15.16	14.97
CA_[2A]-[7A]-[7A]-13A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	3350	2680	4x4	LTE B2	20	900	1960	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	15.19	14.97
CA_[2A]-[7C]-13A	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B2	20	900	1960	4x4	LTE B13	10	5230	751	2x2	-	-	-	-	-	15.15	14.97
CA_[2A]-[7C]-[66A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	14.73	14.97
CA_[7A]-46D (1)	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	-	-	-	-	-	14.77	14.97
CA_[7C]-46C	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	-	-	-	-	-	14.99	14.97
CA_[7C]-[66A]-[66A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	14.76	14.97
CA_[2A]-[2A]-[7A]-12A-[66A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B2	20	900	1960	4x4	LTE B2	20	700	1940	4x4	LTE B12	10	5095	737.5	2x2	LTE B66	20	66786	2145	4x4	14.81	14.97
CA_[2A]-[7A]-[7A]-[66A]-[66A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	3350	2680	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	14.99	14.97
CA_[2A]-[7C]-[66A]-[66A]	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	15.20	14.97
CA_[7A]-46E	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	LTE B46	20	51061	5577.1	2x2	15.18	14.97
CA_[7C]-46D	LTE B7	15	20825	2507.5	64QAM	1	36	2825	2627.5	4x4	LTE B7	20	2996	2644.6	4x4	LTE B46	20	50665	5537.5	2x2	LTE B46	20	50467	5517.7	2x2	LTE B46	20	50863	5557.3	2x2	14.81	14.97

F.4.12 LTE Band 41 as PCC

Table F-27
Maximum Output Powers – Ant 1

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_5A-[41A]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.68	17.67
CA_26A-[41A]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B26	10	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.70	17.67
CA_[41A]-[41A] (1)	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.65	17.67
CA_26A-[41C]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B26	10	8865	876.5	2x2	-	-	-	-	-	-	-	-	-	-	17.66	17.67
CA_[41A]-[41C]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	-	-	-	-	-	17.64	17.67
CA_[41C]-[41A]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	-	-	-	-	-	17.65	17.67
CA_[41A]-[41D]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	40146	2545.6	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	17.71	17.67
CA_[41D]-[41A]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	41094	2640.4	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	17.66	17.67
CA_[41C]-[41C]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	39750	2506	4x4	-	-	-	-	-	17.68	17.67
CA_[41E]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	41094	2640.4	4x4	LTE B41	20	40986	2620.6	4x4	-	-	-	-	-	17.69	17.67
CA_[41C]-[41D]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	40146	2545.6	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	39750	2506	4x4	17.66	17.67
CA_[41D]-[41C]	LTE B41	20	41490	2680	QPSK	50	25	41490	2680	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	41094	2640.4	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	39750	2506	4x4	17.67	17.67

F.4.13 LTE Band 48 as PCC

Table F-28
Maximum Output Powers – Ant 1

	PCC										SCC 1					SCC 2					SCC 3					SCC 4					Power	
Combination	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 (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_5A-[48A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B5	10	2525	881.5	2x2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.84	13.99
CA_[2A]-[48A]-[48A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	55340	3560	4x4	LTE B2	20	900	1960	4x4	-	-	-	-	-	-	-	-	-	-	13.63	13.99
CA_[2A]-[48A]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	13.93	13.99
CA_13A-[48A]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B13	10	5230	751	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	-	-	-	-	-	13.98	13.99
CA_[2A]-[48C]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	13.97	13.99
CA_13A-[48C]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B13	10	5230	751	2x2	LTE B66	20	66786	2145	4x4	-	-	-	-	-	13.94	13.99
CA_[48A]-[48A]-[66A]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	55340	3560	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	14.00	13.99
CA_[48A]-[48C]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55538	3579.8	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	13.97	13.99
CA_[48C]-[48A]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B48	20	55340	3560	4x4	LTE B66	20	66786	2145	4x4	-	-	-	-	-	13.96	13.99
CA_[48C]-[66A]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B66	20	66786	2145	4x4	LTE B66	20	67236	2190	4x4	-	-	-	-	-	13.98	13.99
CA_[2A]-[48D]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B48	20	55811	3607.1	4x4	LTE B2	20	900	1960	4x4	LTE B66	20	66786	2145	4x4	13.75	13.99
CA_[2A]-[48E]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B48	20	55811	3607.1	4x4	LTE B48	20	55613	3587.3	4x4	LTE B2	20	900	1960	4x4	13.57	13.99
CA_[48E]-[66A]	LTE B48	20	56207	3646.7	16QAM	1	0	56207	3646.7	4x4	LTE B48	20	56009	3626.9	4x4	LTE B48	20	55811	3607.1	4x4	LTE B48	20	55613	3587.3	4x4	LTE B66	20	66786	2145	4x4	13.59	13.99

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 Powers

E.5.1.1 LTE Band 48

Table F-29
Maximum Output Powers – Ant 1

	PCC									SCC 1									SCC 2				SCC 3					Power	
Combination	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]	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]	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_48D	LTE B48	20	56640	3690	QPSK	50	0	56640	3690	LTE B48	20	56442	3670.2	QPSK	50	50	56442	3670.2	LTE B48	20	56244	3650.4	-	-	-	-	-	13.89	13.90
CA_48E	LTE B48	20	56640	3690	QPSK	50	0	56640	3690	LTE B48	20	56442	3670.2	QPSK	50	50	56442	3670.2	LTE B48	20	56244	3650.4	LTE B48	20	56046	3630.6	4x4	13.91	13.90

E.5.1.2 LTE Band 41

Table F-30
Maximum Output Powers – Ant 1

	PCC									SCC 1									SCC 2				SCC 3				SCC 4				Power	
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 Band	SCC BW [MHz]	SCC (UL) Channel	SCC (UL) Freq. [MHz]	Mod	SCC UL# RB	SCC UL# RB Offset	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]	ULCA Tx.Power with DL CA Enabled (dBm)	ULCA Tx Power (dBm)
CA_41C-41A	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	41490	2680	-	-	-	-	-	-	-	-	17.23	17.30
CA_41D-41A	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	40146	2545.6	LTE B41	20	41490	2680	-	-	-	-	-	17.29	17.30
CA_41C-41C	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	41292	2660.2	LTE B41	20	41490	2680	-	-	-	-	-	17.20	17.30
CA_41E	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	40146	2545.6	LTE B41	20	40896	2620.6	-	-	-	-	-	17.39	17.30
CA_41C-41D	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	41094	2640.4	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	17.24	17.30
CA_41D-41C	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	LTE B41	20	40146	2545.6	LTE B41	20	39948	2525.8	LTE B41	20	41490	2680	17.26	17.30

F.5.2 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.

E.5.2.1 LTE Band 48

Table F-31
Maximum Output Powers – Ant 1

	PCC										SCC 1										SCC 2					SCC 3					Power	
Combination	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.	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_48C]	LTE B48	20	56640	3690	QPSK	50	0	56640	3690	4x4	LTE B48	20	56442	3670.2	QPSK	50	50	56442	3670.2	4x4	-	-	-	-	-	-	-	-	-	-	13.89	13.90
CA_48D]	LTE B48	20	56640	3690	QPSK	50	0	56640	3690	4x4	LTE B48	20	56442	3670.2	QPSK	50	50	56442	3670.2	4x4	LTE B48	20	56244	3650.4	4x4	-	-	-	-	-	13.88	13.90
CA_48E]	LTE B48	20	56640	3690	QPSK	50	0	56640	3690	4x4	LTE B48	20	56442	3670.2	QPSK	50	50	56442	3670.2	4x4	LTE B48	20	56244	3650.4	4x4	LTE B48	20	56046	3630.6	4x4	13.92	13.90

E.5.2.2 LTE Band 41

Table F-32
Maximum Output Powers – Ant 1

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) 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.	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_41C-[41A]	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	4x4	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	4x4	LTE B41	20	41490	2640.4	4x4	-	-	-	-	-	-	-	-	-	-	-	-	17.36	17.30
CA_[41E]	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	4x4	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	4x4	LTE B41	20	40146	2546.6	4x4	LTE B41	20	40344	2565.4	4x4	-	-	-	-	-	-	-	-	17.34	17.30
CA_[41D]-[41A]	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	4x4	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	4x4	LTE B41	20	40146	2640.4	4x4	LTE B41	20	41490	2506	4x4	-	-	-	-	-	-	-	-	17.30	17.30
CA_[41C]-[41C]	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	4x4	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	4x4	LTE B41	20	41292	2660.2	4x4	LTE B41	20	41490	2506	4x4	-	-	-	-	-	-	-	-	17.30	17.30
CA_41C-[41D]	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	2x2	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	2x2	LTE B41	20	41094	2640.4	4x4	LTE B41	20	39948	2525.8	4x4	LTE B41	20	41490	2506	4x4	17.17	17.30
CA_[41D]-41C	LTE B41	20	39750	2506	QPSK	1	99	39750	2506	4x4	LTE B41	20	39948	2525.8	QPSK	1	0	39948	2525.8	4x4	LTE B41	20	40146	2545.6	4x4	LTE B41	20	39948	2525.8	2x2	LTE B41	20	41490	2506	2x2	17.29	17.30

E.5.2.3 LTE Band 7

Table F-33
Maximum Output Powers – Ant 3

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	ULCA Tx Power (dBm)
CA_[7C]	LTE B7	20	21350	2560	QPSK	50	0	3350	2680	4x4	LTE B7	20	21152	2540.2	QPSK	50	50	3152	2660.2	4x4	14.71	14.67

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-34
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) Frequency [MHz]	Modulation	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]	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	2525	881.5	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B66	20	66786	2145	Ant 3	Ant 1	18.24	14.28	18.30	14.31
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	9820	2355	Ant 1	Ant 3	19.46	15.12	19.43	15.08
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	Ant 1	Ant 3	19.57	15.14	19.43	15.08
CA_2A-12A-66A	LTE B66	20	132322	1770	QPSK	1	50	66786	2145	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	Ant 3	Ant 1	14.25	19.47	14.30	19.36
CA_2A-12A-66A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1940	Ant 1	Ant 3	19.35	14.40	19.45	14.31
CA_2A-2A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	18900	1880	QPSK	1	50	900	1960	LTE B2	20	700	1940	Ant 1	Ant 3	19.43	15.15	19.28	15.14
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	Ant 1	Ant 3	19.42	15.14	19.28	15.14
CA_2A-4A-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	LTE B2	20	900	1960	Ant 1	Ant 3	18.78	14.35	18.99	14.35
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	Ant 1	Ant 3	19.40	15.16	19.28	15.14
CA_2A-13A-66A	LTE B66	20	132322	1770	QPSK	1	50	66786	2145	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B2	20	900	1960	Ant 3	Ant 1	14.27	19.08	14.30	19.11
CA_2A-13A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	LTE B2	20	900	1960	Ant 1	Ant 3	18.83	14.29	19.01	14.32
CA_2A-4A-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	LTE B2	20	900	1940	Ant 1	Ant 3	19.47	14.39	19.46	14.29
CA_4A-12A-30A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	LTE B30	10	9820	2355	Ant 1	Ant 3	19.46	14.38	19.46	14.29
CA_5A-7A-7A	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	LTE B7	20	21100	2535	QPSK	1	50	3100	2655	LTE B7	20	2850	2630	Ant 3	Ant 1	18.15	13.63	18.27	13.61
CA_5A-7A-7A	LTE B7	20	21100	2560	QPSK	1	50	3100	2655	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	LTE B7	20	2850	2630	Ant 3	Ant 1	13.76	17.76	13.80	17.77
CA_5A-66A-66A	LTE B5	2	20525	836.5	QPSK	1	25	2525	881.5	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	LTE B66	20	67236	2190	Ant 3	Ant 1	18.11	14.37	18.29	14.41
CA_5A-66A-66A	LTE B66	20	132322	1770	QPSK	1	50	66786	2145	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	LTE B66	20	67236	2190	Ant 3	Ant 1	14.45	17.77	14.42	17.76
CA_13A-66A-66A	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	LTE B66	20	67236	2190	Ant 1	Ant 3	18.87	14.34	19.01	14.32
CA_13A-66A-66A	LTE B66	20	132322	1770	QPSK	1	50	66786	2145	LTE B13	10	23230	782	QPSK	1	25	5230	751	LTE B66	20	67236	2190	Ant 3	Ant 1	14.40	19.07	14.40	19.11

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-35
Maximum Output Powers

	PCC										SCC 1										SCC 2					Antenna		Power			
Combination	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.	SCC Band	SCC 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 (DL) Channel	SCC (DL) Frequency [MHz]	DL Ant. Config.	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_[4A]-5A	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B4	10	20175	1732.5	QPSK	1	25	2175	2132.5	4x4	--	--	--	--	--	Ant 3	Ant 1	18.21	15.36	18.28	15.17
CA_[2A]-5A-[66A]	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B2	20	18900	1880	QPSK	1	50	900	1960	4x4	LTE B66	20	66786	2145	4x4	Ant 3	Ant 1	18.33	14.26	18.30	14.31
CA_[2A]-12A-[30A]	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 B30	10	9820	2355	4x4	Ant 1	Ant 3	19.47	15.18	19.43	15.08
CA_[2A]-12A-[66A]	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	Ant 1	Ant 3	19.46	15.01	19.43	15.08
CA_[2A]-12A-[66A]	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B2	20	900	1960	4x4	Ant 3	Ant 1	14.14	19.55	14.30	19.36
CA_[2A]-12A-[66A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B2	20	900	1940	4x4	Ant 1	Ant 3	19.43	14.11	19.45	14.31
CA_[2A]-[2A]-13A	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	700	1940	4x4	Ant 1	Ant 3	19.22	15.06	19.28	15.14
CA_[2A]-[4A]-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	Ant 1	Ant 3	19.27	15.07	19.28	15.14
CA_[2A]-[4A]-13A	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	4x4	LTE B2	20	900	1960	4x4	Ant 1	Ant 3	19.06	14.23	18.99	14.35
CA_[2A]-13A-[66A]	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	Ant 1	Ant 3	19.19	15.13	19.28	15.14
CA_[2A]-13A-[66A]	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B2	20	900	1960	4x4	Ant 3	Ant 1	14.16	19.19	14.30	19.11
CA_[2A]-13A-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B2	20	900	1960	4x4	Ant 1	Ant 3	19.04	14.16	19.01	14.32
CA_[2A]-[4A]-12A	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	4x4	LTE B2	20	900	1940	4x4	Ant 1	Ant 3	19.45	14.11	19.46	14.29
CA_[4A]-12A-[30A]	LTE B12	10	23095	707.5	QPSK	1	25	5095	737.5	2x2	LTE B4	20	20175	1732.5	QPSK	1	50	2175	2132.5	4x4	LTE B30	10	9820	2355	4x4	Ant 1	Ant 3	19.49	14.16	19.46	14.29
CA_5A-[7A]-[7A]	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B7	20	21100	2535	QPSK	1	50	3100	2655	4x4	LTE B7	20	2850	2630	4x4	Ant 3	Ant 1	18.29	13.75	18.27	13.61
CA_5A-[7A]-[7A]	LTE B7	20	21100	2560	QPSK	1	50	3100	2655	4x4	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B7	20	2850	2630	4x4	Ant 3	Ant 1	13.69	17.94	13.80	17.77
CA_5A-[66A]-[66A]	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B66	20	67236	2190	4x4	Ant 3	Ant 1	18.15	14.23	18.29	14.41
CA_5A-[66A]-[66A]	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B5	10	20525	836.5	QPSK	1	25	2525	881.5	2x2	LTE B66	20	67236	2190	4x4	Ant 3	Ant 1	14.27	17.94	14.42	17.76
CA_13A-[66A]-[66A]	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B66	20	67236	2190	4x4	Ant 1	Ant 3	19.03	14.20	19.01	14.32
CA_13A-[66A]-[66A]	LTE B66	20	132322	1745	QPSK	1	50	66786	2145	4x4	LTE B13	10	23230	782	QPSK	1	25	5230	751	2x2	LTE B66	20	67236	2190	4x4	Ant 3	Ant 1	14.28	19.24	14.40	19.11

APPENDIX G: POWER REDUCTION VERIFICATION

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
GPRS 850 (2 Tx)	Antenna 1	29.50 (± 1)	30.12*	DSI 1^	DSI 1^	PASS
	Antenna 3	31.00 (± 1)	31.34*	DSI 1^	DSI 1^	PASS
GPRS 1900 (2 Tx)	Antenna 1	26.00 (± 1)	26.44*	DSI 1^	DSI 1^	PASS
	Antenna 3	29.00 (± 1)	28.70*	DSI 1^	DSI 1^	PASS
	Antenna 2b	26.00 (± 1)	26.74*	DSI 1^	DSI 1^	PASS
	Antenna 4b	29.00 (± 1)	29.87*	DSI 1^	DSI 1^	PASS
WCDMA B5	Antenna 1	22.90 (± 1)	22.88*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.43*	DSI 1^	DSI 1^	PASS
WCDMA B4	Antenna 1	21.20 (± 1)	22.10*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	25.69*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	22.19*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	25.20*	DSI 1^	DSI 1^	PASS
WCDMA B2	Antenna 1	21.20 (± 1)	20.71*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.36*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	21.04*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	24.08*	DSI 1^	DSI 1^	PASS
LTE Band 71	Antenna 1	22.90 (± 1)	23.14*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.43*	DSI 1^	DSI 1^	PASS
LTE Band 12	Antenna 1	22.90 (± 1)	22.89*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.48*	DSI 1^	DSI 1^	PASS
LTE Band 17	Antenna 1	22.90 (± 1)	22.90*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.51*	DSI 1^	DSI 1^	PASS
LTE Band 13	Antenna 1	22.90 (± 1)	22.85*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.49*	DSI 1^	DSI 1^	PASS
LTE Band 14	Antenna 1	22.90 (± 1)	22.65*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.67*	DSI 1^	DSI 1^	PASS
LTE Band 26	Antenna 1	22.90 (± 1)	22.72*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.74*	DSI 1^	DSI 1^	PASS
LTE Band 5	Antenna 1	22.90 (± 1)	22.81*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.51*	DSI 1^	DSI 1^	PASS
LTE Band 4	Antenna 1	21.20 (± 1)	21.11*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.40*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	20.92*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.99*	DSI 1^	DSI 1^	PASS
LTE Band 66	Antenna 1	21.20 (± 1)	21.11*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.11*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	20.85*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.78*	DSI 1^	DSI 1^	PASS
LTE Band 2	Antenna 1	21.20 (± 1)	20.82*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.39*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	21.01*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	24.03*	DSI 1^	DSI 1^	PASS
LTE Band 25	Antenna 1	21.20 (± 1)	20.57*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.44*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	20.93*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.80*	DSI 1^	DSI 1^	PASS
LTE Band 30	Antenna 1	17.90 (± 1)	18.90*	DSI 1^	DSI 1^	PASS
	Antenna 3	22.70 (± 1)	23.64*	DSI 1^	DSI 1^	PASS
	Antenna 2b	18.90 (± 1)	19.89*	DSI 1^	DSI 1^	PASS
	Antenna 4b	22.00 (± 1)	22.97*	DSI 1^	DSI 1^	PASS
LTE Band 7	Antenna 1	19.90 (± 1)	19.12*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.19*	DSI 1^	DSI 1^	PASS
	Antenna 2b	20.90 (± 1)	20.50*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	24.41*	DSI 1^	DSI 1^	PASS
LTE Band 41 (PC3)	Antenna 1	19.90 (± 1)	19.91*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.81*	DSI 1^	DSI 1^	PASS
	Antenna 2b	20.90 (± 1)	20.85*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	24.48*	DSI 1^	DSI 1^	PASS
LTE Band 41 (PC2)	Antenna 1	21.90 (± 1)	21.89*	DSI 1^	DSI 1^	PASS
	Antenna 3	26.70 (± 1)	27.29*	DSI 1^	DSI 1^	PASS
	Antenna 2b	22.90 (± 1)	22.54*	DSI 1^	DSI 1^	PASS
	Antenna 4b	26.20 (± 1)	25.87*	DSI 1^	DSI 1^	PASS
LTE Band 48	Antenna 1	18.70 (± 1)	18.68*	DSI 1^	DSI 1^	PASS
	Antenna 3	22.00 (± 1)	22.67*	DSI 1^	DSI 1^	PASS
	Antenna 2a	18.60 (± 1)	19.58*	DSI 1^	DSI 1^	PASS
	Antenna 4a	18.30 (± 1)	19.24*	DSI 1^	DSI 1^	PASS
LTE B5 Intra-Band ULCA	Antenna 1	22.90 (± 1)	22.81*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.56*	DSI 1^	DSI 1^	PASS
LTE B7 Intra-Band ULCA	Antenna 1	19.90 (± 1)	19.35*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.17*	DSI 1^	DSI 1^	PASS
	Antenna 2b	20.90 (± 1)	20.39*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.86*	DSI 1^	DSI 1^	PASS
LTE B41 (PC3) Intra-Band ULCA	Antenna 1	19.90 (± 1)	19.31*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.06*	DSI 1^	DSI 1^	PASS
	Antenna 2b	20.90 (± 1)	20.28*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.67*	DSI 1^	DSI 1^	PASS
LTE B41 (PC2) Intra-Band ULCA	Antenna 1	22.20 (± 1)	22.73*	DSI 1^	DSI 1^	PASS
	Antenna 3	27.00 (± 1)	26.10*	DSI 1^	DSI 1^	PASS
	Antenna 2b	23.20 (± 1)	22.80*	DSI 1^	DSI 1^	PASS
	Antenna 4b	26.50 (± 1)	26.60*	DSI 1^	DSI 1^	PASS
LTE B48 Intra-Band ULCA	Antenna 1	20.70 (± 1)	21.54*	DSI 1^	DSI 1^	PASS
	Antenna 3	22.00 (± 1)	21.05*	DSI 1^	DSI 1^	PASS
	Antenna 2a	18.60 (± 1)	17.65*	DSI 1^	DSI 1^	PASS
	Antenna 4a	18.30 (± 1)	19.27*	DSI 1^	DSI 1^	PASS

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 1	22.90 (± 1)	22.63*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.68*	DSI 1^	DSI 1^	PASS
NR n12	Antenna 1	22.90 (± 1)	22.57*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.45*	DSI 1^	DSI 1^	PASS
NR n5	Antenna 1	22.90 (± 1)	22.97*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.79*	DSI 1^	DSI 1^	PASS
NR n66	Antenna 1	21.20 (± 1)	20.81*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.38*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	21.48*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.77*	DSI 1^	DSI 1^	PASS
NR n2	Antenna 1	21.20 (± 1)	20.88*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.38*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	21.45*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.67*	DSI 1^	DSI 1^	PASS
NR n25	Antenna 1	21.20 (± 1)	20.91*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	24.42*	DSI 1^	DSI 1^	PASS
	Antenna 2b	21.20 (± 1)	21.60*	DSI 1^	DSI 1^	PASS
	Antenna 4b	24.20 (± 1)	23.71*	DSI 1^	DSI 1^	PASS
NR n41(PC3)	Antenna 1	24.70 (± 1)	24.09*	DSI 1^	DSI 1^	PASS
	Antenna 3	21.20 (± 1)	20.47*	DSI 1^	DSI 1^	PASS
	Antenna 2b	24.20 (± 1)	24.14*	DSI 1^	DSI 1^	PASS
	Antenna 4b	21.20 (± 1)	20.49*	DSI 1^	DSI 1^	PASS
NR n41(PC2)	Antenna 1	26.00 (± 1)	26.06*	DSI 1^	DSI 1^	PASS
	Antenna 3	22.50 (± 1)	22.41*	DSI 1^	DSI 1^	PASS
	Antenna 2b	25.50 (± 1)	26.37*	DSI 1^	DSI 1^	PASS
	Antenna 4b	22.50 (± 1)	22.46*	DSI 1^	DSI 1^	PASS
NR n77(PC3)	Antenna 1	20.70 (± 1)	19.73*	DSI 1^	DSI 1^	PASS
	Antenna 3	24.70 (± 1)	23.85*	DSI 1^	DSI 1^	PASS
	Antenna 2a	21.70 (± 1)	20.96*	DSI 1^	DSI 1^	PASS
	Antenna 4a	24.70 (± 1)	23.88*	DSI 1^	DSI 1^	PASS
NR n77(PC2)	Antenna 1	22.00 (± 1)	21.74*	DSI 1^	DSI 1^	PASS
	Antenna 3	26.00 (± 1)	25.82*	DSI 1^	DSI 1^	PASS
	Antenna 2a	23.00 (± 1)	23.15*	DSI 1^	DSI 1^	PASS
	Antenna 4a	26.00 (± 1)	25.85*	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.

APPENDIX H: IEEE 802.11AX RU SAR EXCLUSION

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 4a	20 MHz Bandwidth	1	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		2	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		3	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		4	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		5	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		6	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		7	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		8	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		9	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		10	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		11	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		12	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 4a	20 MHz Bandwidth	1	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		2	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		3	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		4	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		5	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		6	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		7	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		8	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		9	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		10	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		11	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		12	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - Single Tx Chain (dBm) - Antenna 2a	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Mode/ Band		Tones	26T		52T		106T		242T	
		Channel	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal	Maximum	Nominal
Modulated Average - 2 Tx Chain (dBm) - Antenna 2a	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	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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) - Ant 5b	20 MHz Bandwidth	36	11.50	10.00	14.50	13.00	15.00	13.50	15.00	13.50				
		40	11.50	10.00	14.50	13.00	16.00	14.50	16.00	14.50				
		44	11.50	10.00	14.50	13.00	16.00	14.50	16.00	14.50				
		48	11.50	10.00	14.50	13.00	16.00	14.50	16.00	14.50				
		52	11.75	10.25	14.75	13.25	17.00	15.50	17.00	15.50				
		56	11.75	10.25	14.75	13.25	17.00	15.50	17.00	15.50				
		60	11.75	10.25	14.75	13.25	17.00	15.50	17.00	15.50				
		64	11.75	10.25	14.75	13.25	17.00	15.50	17.00	15.50				
		100	12.00	10.50	14.50	13.00	14.50	13.00	14.50	13.00				
		104	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		108	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		112	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		116	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		120	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		124	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		128	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		132	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		136	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		140	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		144	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50				
		149	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		153	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		157	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		161	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		165	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
	40 MHz Bandwidth	38	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50		
		46	11.50	10.00	14.50	13.00	16.00	14.50	16.00	14.50	16.00	14.50		
		54	11.75	10.25	14.75	13.25	17.00	15.50	17.00	15.50	17.00	15.50		
		62	11.75	10.25	13.50	12.00	13.50	12.00	13.50	12.00	13.50	12.00		
		102	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		110	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50	17.00	15.50		
		118	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50	17.00	15.50		
		126	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50	17.00	15.50		
		134	12.00	10.50	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50		
		142	12.00	10.50	15.00	13.50	17.00	15.50	13.00	11.50	17.00	15.50		
		151	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
		159	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
	80 MHz Bandwidth	42	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		58	11.75	10.25	12.50	11.00	12.50	11.00	13.00	11.50	13.00	11.50	12.50	11.00
		106	11.00	9.50	11.50	10.00	11.50	10.00	12.50	11.00	11.00	9.50	11.50	10.00
		122	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50	17.00	15.50	17.00	15.50
		138	12.00	10.50	15.00	13.50	17.00	15.50	13.00	11.50	15.00	13.50	17.00	15.50
		155	16.00	14.50	16.00	14.50	16.00	14.50	16.00	14.50	16.00	14.50	16.00	14.50

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 - Ant 5b	20 MHz Bandwidth	36	7.25	5.75	10.25	8.75	13.25	11.75	14.50	13.00				
		40	7.25	5.75	10.25	8.75	13.25	11.75	15.25	13.75				
		44	7.25	5.75	10.25	8.75	13.25	11.75	15.25	13.75				
		48	7.25	5.75	10.25	8.75	13.25	11.75	15.25	13.75				
		52	8.00	6.50	11.00	9.50	14.00	12.50	16.00	14.50				
		56	8.00	6.50	11.00	9.50	14.00	12.50	16.00	14.50				
		60	8.00	6.50	11.00	9.50	14.00	12.50	16.00	14.50				
		64	8.00	6.50	11.00	9.50	14.00	12.50	16.00	14.50				
		100	7.75	6.25	10.75	9.25	13.50	12.00	13.50	12.00				
		104	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		108	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		112	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		116	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		120	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		124	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		128	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		132	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		136	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		140	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		144	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25				
		149	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		153	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		157	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		161	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		165	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
	40 MHz Bandwidth	38	7.25	5.75	10.25	8.75	11.75	10.25	11.75	10.25	11.75	10.25		
		46	7.25	5.75	10.25	8.75	13.25	11.75	15.25	13.75	16.00	14.50		
		54	8.00	6.50	11.00	9.50	14.00	12.50	16.00	14.50	17.00	15.50		
		62	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50	13.00	11.50		
		102	7.75	6.25	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		110	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25	17.00	15.50		
		118	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25	17.00	15.50		
		126	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25	17.00	15.50		
		134	7.75	6.25	10.75	9.25	13.75	12.25	14.50	13.00	14.50	13.00		
		142	7.75	6.25	10.75	9.25	13.75	12.25	13.00	11.50	17.00	15.50		
		151	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
		159	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
	80 MHz Bandwidth	42	7.25	5.75	10.25	8.75	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		58	8.00	6.50	11.00	9.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		106	7.75	6.25	10.50	9.00	10.50	9.00	12.00	10.50	10.50	9.00	10.50	9.00
		122	7.75	6.25	10.75	9.25	13.75	12.25	15.75	14.25	16.50	15.00	16.50	15.00
		138	7.75	6.25	10.75	9.25	13.75	12.25	13.00	11.50	14.50	13.00	17.00	15.50
		155	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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 - Ant 5b	20 MHz Bandwidth	36	9.00	7.50	12.00	10.50	14.50	13.00	14.50	13.00				
		40	9.00	7.50	12.00	10.50	15.00	13.50	16.00	14.50				
		44	9.00	7.50	12.00	10.50	15.00	13.50	16.00	14.50				
		48	9.00	7.50	12.00	10.50	15.00	13.50	16.00	14.50				
		52	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		56	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		60	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		64	9.00	7.50	12.00	10.50	15.00	13.50	16.50	15.00				
		100	9.00	7.50	12.00	10.50	13.50	12.00	13.50	12.00				
		104	9.00	7.50	12.00	10.50	15.00	13.50	16.50	15.00				
		108	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		112	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		116	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		120	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		124	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		128	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		132	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		136	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		140	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		144	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50				
		149	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		153	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		157	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		161	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
		165	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25				
	40 MHz Bandwidth	38	9.00	7.50	11.75	10.25	11.75	10.25	11.75	10.25	11.75	10.25		
		46	9.00	7.50	12.00	10.50	15.00	13.50	16.00	14.50	16.00	14.50		
		54	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50		
		62	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		102	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		110	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50		
		118	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50		
		126	9.00	7.50	12.00	10.50	15.00	13.50	17.00	15.50	17.00	15.50		
		134	9.00	7.50	12.00	10.50	14.50	13.00	14.50	13.00	14.50	13.00		
		142	9.00	7.50	12.00	10.50	15.00	13.50	13.00	11.50	17.00	15.50		
		151	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
		159	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25	17.75	16.25		
	80 MHz Bandwidth	42	9.00	7.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		58	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		106	9.00	7.50	10.50	9.00	10.50	9.00	12.00	10.50	10.50	9.00	10.50	9.00
		122	9.00	7.50	12.00	10.50	15.00	13.50	16.50	15.00	16.50	15.00	16.50	15.00
		138	9.00	7.50	12.00	10.50	15.00	13.50	13.00	11.50	14.50	13.00	17.00	15.50
		155	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50	15.00	13.50

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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) - Ant 4b	20 MHz Bandwidth	36	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		40	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		44	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		48	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		52	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		56	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		60	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		64	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00				
		100	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		104	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		108	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		112	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		116	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		120	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		124	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		128	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		132	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		136	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		140	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		144	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		149	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		153	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		157	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		161	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		165	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
	40 MHz Bandwidth	38	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		46	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		54	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		62	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		102	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		110	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		118	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		126	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		134	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		142	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		151	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		159	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
	80 MHz Bandwidth	42	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		58	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		106	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		122	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		138	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		155	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00

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 - Ant 4b	20 MHz Bandwidth	36	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00				
		40	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00				
		44	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00				
		48	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00				
		52	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00				
		56	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00				
		60	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00				
		64	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00				
		100	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		104	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		108	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		112	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		116	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		120	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		124	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		128	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		132	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		136	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		140	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		144	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50				
		149	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		153	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		157	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		161	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		165	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
	40 MHz Bandwidth	38	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00	10.50	9.00		
		46	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00	10.50	9.00		
		54	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		62	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		102	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		110	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		118	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		126	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		134	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		142	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		151	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		159	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
	80 MHz Bandwidth	42	7.25	5.75	10.25	8.75	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		58	8.00	6.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		106	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		122	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		138	7.75	6.25	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		155	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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 - Ant 4b	20 MHz Bandwidth	36	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		40	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		44	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		48	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		52	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		56	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		60	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		64	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00				
		100	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		104	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		108	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		112	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		116	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		120	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		124	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		128	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		132	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		136	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		140	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		144	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50				
		149	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		153	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		157	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		161	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
		165	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00				
	40 MHz Bandwidth	38	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		46	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		54	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		62	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		102	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		110	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		118	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		126	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		134	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		142	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50		
		151	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
		159	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00		
	80 MHz Bandwidth	42	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		58	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00
		106	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		122	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		138	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		155	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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 4a/4b active
-Simultaneous conditions with mmW/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 4a	20 MHz Bandwidth	1	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		2	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		3	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		4	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		5	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		6	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		7	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		8	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		9	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		10	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		11	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		12	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 4a/4b active
-Simultaneous conditions with mmW/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 4a	20 MHz Bandwidth	1	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		2	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		3	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		4	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		5	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		6	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		7	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		8	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		9	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		10	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		11	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		12	9.00	7.50	9.00	7.50	9.00	7.50	9.00	7.50
		13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 2a/2b active
-Simultaneous conditions with mmW/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 2a	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 2a/2b active
-Simultaneous conditions with mmW/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 2a	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 2a/2b active
-Simultaneous conditions with mmW/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) - Ant 5b	20 MHz Bandwidth	36	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50				
		40	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50				
		44	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50				
		48	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50				
		52	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50				
		56	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50				
		60	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50				
		64	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50				
		100	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		104	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		108	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		112	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		116	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		120	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		124	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		128	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		132	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		136	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		140	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		144	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50				
		149	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		153	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		157	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		161	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		165	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
	40 MHz Bandwidth	38	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50		
		46	11.50	10.00	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50		
		54	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		62	11.75	10.25	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		102	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50		
		110	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		118	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		126	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		134	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		142	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50		
		151	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
		159	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
	80 MHz Bandwidth	42	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00	11.50	10.00
		58	11.75	10.25	12.50	11.00	12.50	11.00	13.00	11.50	13.00	11.50	13.00	11.50
		106	11.00	9.50	11.50	10.00	11.50	10.00	12.50	11.00	11.00	9.50	11.00	9.50
		122	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		138	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		155	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 2a/2b active
-Simultaneous conditions with mmW/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 - Ant 5b	20 MHz Bandwidth	36	7.25	5.75	10.25	8.75	12.00	10.50	12.00	10.50				
		40	7.25	5.75	10.25	8.75	12.00	10.50	12.00	10.50				
		44	7.25	5.75	10.25	8.75	12.00	10.50	12.00	10.50				
		48	7.25	5.75	10.25	8.75	12.00	10.50	12.00	10.50				
		52	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50				
		56	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50				
		60	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50				
		64	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50				
		100	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		104	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		108	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		112	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		116	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		120	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		124	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		128	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		132	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		136	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		140	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		144	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50				
		149	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		153	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		157	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		161	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		165	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
	40 MHz Bandwidth	38	7.25	5.75	10.25	8.75	11.75	10.25	11.75	10.25	11.75	10.25		
		46	7.25	5.75	10.25	8.75	12.00	10.50	12.00	10.50	12.00	10.50		
		54	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50	13.00	11.50		
		62	8.00	6.50	11.00	9.50	13.00	11.50	13.00	11.50	13.00	11.50		
		102	7.75	6.25	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		110	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50		
		118	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50		
		126	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50		
		134	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50		
		142	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50		
		151	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
		159	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
	80 MHz Bandwidth	42	7.25	5.75	10.25	8.75	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		58	8.00	6.50	11.00	9.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		106	7.75	6.25	10.50	9.00	10.50	9.00	12.00	10.50	10.50	9.00	10.50	9.00
		122	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		138	7.75	6.25	10.75	9.25	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		155	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 2a/2b active
-Simultaneous conditions with mmW/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 - Ant 5b	20 MHz Bandwidth	36	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50				
		40	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50				
		44	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50				
		48	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50				
		52	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		56	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		60	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		64	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		100	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		104	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		108	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		112	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		116	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		120	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		124	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		128	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		132	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		136	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		140	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		144	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50				
		149	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		153	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		157	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		161	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
		165	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25				
	40 MHz Bandwidth	38	9.00	7.50	11.75	10.25	11.75	10.25	11.75	10.25	11.75	10.25		
		46	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50		
		54	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		62	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		102	9.00	7.50	10.50	9.00	10.50	9.00	10.50	9.00	10.50	9.00		
		110	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		118	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		126	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		134	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		142	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50		
		151	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
		159	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25		
	80 MHz Bandwidth	42	9.00	7.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50	11.00	9.50
		58	9.00	7.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50	12.00	10.50
		106	9.00	7.50	10.50	9.00	10.50	9.00	12.00	10.50	10.50	9.00	10.50	9.00
		122	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		138	9.00	7.50	12.00	10.50	13.00	11.50	13.00	11.50	13.00	11.50	13.00	11.50
		155	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25	13.75	12.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 4a/4b active
-Simultaneous conditions with mmW/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) - Ant 4b	20 MHz Bandwidth	36	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		40	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		44	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		48	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		52	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		56	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		60	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		64	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		100	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		104	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		108	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		112	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		116	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		120	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		124	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		128	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		132	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		136	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		140	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		144	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		149	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		153	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		157	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		161	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		165	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
	40 MHz Bandwidth	38	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		46	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		54	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		62	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		102	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		110	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		118	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		126	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		134	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		142	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		151	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
		159	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
	80 MHz Bandwidth	42	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		58	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		106	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		122	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		138	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		155	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 4a/4b active
-Simultaneous conditions with mmW/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 - Ant 4b	20 MHz Bandwidth	36	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		40	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		44	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		48	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		52	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		56	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		60	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		64	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		100	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		104	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		108	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		112	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		116	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		120	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		124	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		128	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		132	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		136	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		140	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		144	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		149	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		153	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		157	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		161	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		165	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
	40 MHz Bandwidth	38	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		46	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		54	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		62	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		102	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		110	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		118	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		126	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		134	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		142	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		151	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
		159	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
	80 MHz Bandwidth	42	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		58	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		106	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		122	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		138	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		155	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Below table is applicable in the following conditions:
-Simultaneous conditions with Licensed Bands Antenna 4a/4b active
-Simultaneous conditions with mmW/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 - Ant 4b	20 MHz Bandwidth	36	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		40	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		44	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		48	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		52	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		56	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		60	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		64	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00				
		100	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		104	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		108	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		112	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		116	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		120	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		124	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		128	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		132	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		136	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		140	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		144	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50				
		149	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		153	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		157	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		161	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
		165	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00				
	40 MHz Bandwidth	38	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		46	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		54	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		62	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00		
		102	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		110	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		118	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		126	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		134	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		142	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50		
		151	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
		159	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00		
	80 MHz Bandwidth	42	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		58	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00	4.50	3.00
		106	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		122	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		138	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50	3.00	1.50
		155	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00	5.50	4.00

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

H.3 IEEE 802.11ax Measured Powers

Table H-1
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 4a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	11.14
			4	11.03
			8	10.97
2437	6	26T	0	10.93
			4	10.99
			8	10.84
2462	11	26T	0	11.08
			4	11.06
			8	11.10

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	52T	37	11.06
			38	10.91
			40	11.01
2437	6	52T	37	11.18
			38	11.05
			40	11.01
2462	11	52T	37	11.12
			38	11.22
			40	11.12

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	11.14
			54	10.98
2437	6	106T	53	11.08
			54	10.96
2462	11	106T	53	11.22
			54	11.13

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	242T	61	11.01
2437	6	242T	61	11.06
2462	11	242T	61	11.00

Table H-2
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 2a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	10.78
			4	10.43
			8	10.62
2437	6	26T	0	10.49
			4	10.45
			8	10.49
2462	11	26T	0	10.67
			4	10.62
			8	10.52

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	52T	37	10.56
			38	10.42
			40	10.61
2437	6	52T	37	10.45
			38	10.69
			40	10.61
2462	11	52T	37	10.49
			38	10.35
			40	10.47

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	10.45
			54	10.69
2437	6	106T	53	10.49
			54	10.51
2462	11	106T	53	10.65
			54	10.45

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	242T	61	10.74
2437	6	242T	61	10.61
2462	11	242T	61	10.34

Table H-3
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 5b

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
	1	5180	36	26T	10.33	10.82	10.29
		5200	40	26T	10.67	11.19	10.67
		5220	44	26T	10.46	10.94	10.39
		5240	48	26T	10.63	11.10	10.55
	2A	5260	52	26T	10.74	11.23	10.72
		5280	56	26T	10.76	11.26	10.86
		5300	60	26T	10.73	11.26	10.71
		5320	64	26T	10.85	11.39	11.02
	2C	5500	100	26T	10.95	11.52	11.02
		5600	120	26T	11.08	11.82	11.46
		5620	124	26T	11.16	11.94	11.51
		5720	144	26T	11.07	11.62	11.12
	3	5745	149	26T	16.73	17.34	16.93
		5785	157	26T	16.86	17.56	17.30
		5825	165	26T	16.80	17.34	16.86

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
	1	5180	36	52T	13.49	13.76	13.47
		5200	40	52T	13.45	13.71	13.33
		5220	44	52T	13.60	13.93	13.53
		5240	48	52T	13.81	14.11	13.76
	2A	5260	52	52T	13.62	13.90	13.54
		5280	56	52T	13.67	14.01	13.73
		5300	60	52T	13.70	14.11	13.83
		5320	64	52T	13.78	14.13	13.80
	2C	5500	100	52T	13.70	14.01	13.75
		5520	104	52T	14.05	14.48	14.21
		5600	120	52T	14.04	14.59	14.36
		5620	124	52T	14.27	14.70	14.44
		5720	144	52T	14.04	14.41	14.15
	3	5745	149	52T	16.82	17.39	17.04
		5785	157	52T	16.57	17.34	16.13
		5825	165	52T	16.67	17.05	16.71

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
	1	5180	36	106T	14.01	13.97	
		5200	40	106T	14.95	14.87	
		5220	44	106T	15.00	15.14	
		5240	48	106T	14.98	14.95	
	2A	5260	52	106T	16.14	16.17	
		5280	56	106T	16.26	16.29	
		5300	60	106T	16.16	16.18	
		5320	64	106T	15.96	16.01	
	2C	5500	100	106T	13.69	13.75	
		5520	104	106T	16.17	16.36	
		5600	120	106T	16.14	16.34	
		5620	124	106T	16.28	16.39	
		5720	144	106T	16.22	16.33	
	3	5745	149	106T	16.83	17.01	
		5785	157	106T	16.87	17.12	
		5825	165	106T	16.76	16.85	

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
	1	5180	36	242T	13.98		
		5200	40	242T	15.02		
		5220	44	242T	15.00		
		5240	48	242T	14.92		
	2A	5260	52	242T	16.03		
		5280	56	242T	16.10		
		5300	60	242T	16.13		
		5320	64	242T	16.05		
	2C	5500	100	242T	13.52		
		5520	104	242T	16.24		
		5600	120	242T	16.27		
		5620	124	242T	16.31		
		5720	144	242T	16.29		
	3	5745	149	242T	16.22		
		5785	157	242T	16.28		
		5825	165	242T	16.51		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
	1	5190	38	26T	10.62	11.34	10.83
		5230	46	26T	10.40	11.22	10.57
	2A	5270	54	26T	10.78	11.60	10.82
		5310	62	26T	10.86	11.65	11.23
	2C	5510	102	26T	9.94	10.71	10.02
		5590	110	26T	10.93	11.85	11.38
		5630	126	26T	11.02	12.00	11.44
		5710	142	26T	10.93	11.69	11.06
	3	5755	151	26T	16.16	17.14	16.55
		5795	159	26T	16.27	17.25	16.67

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
	1	5190	38	52T	11.13	11.72	11.17
		5230	46	52T	13.61	14.27	14.06
	2A	5270	54	52T	13.75	14.50	13.96
		5310	62	52T	12.52	13.19	12.89
	2C	5510	102	52T	10.03	10.78	10.25
		5590	110	52T	14.15	14.93	14.47
		5630	126	52T	13.91	14.82	14.21
		5710	142	52T	14.07	14.68	14.20
	3	5755	151	52T	16.26	17.16	16.69
		5795	159	52T	16.37	17.25	16.71

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
	1	5190	38	106T	11.21	11.77	11.37
		5230	46	106T	14.92	15.40	15.21
	2A	5270	54	106T	16.02	16.60	16.15
		5310	62	106T	12.45	13.00	12.57
	2C	5510	102	106T	10.02	10.58	10.21
		5590	110	106T	16.12	16.80	16.44
		5670	126	106T	16.06	16.80	16.32
		5710	142	106T	16.03	16.50	16.25
	3	5755	151	106T	16.14	16.81	16.41
		5795	159	106T	16.11	16.90	16.31

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
	1	5190	38	242T	11.09	11.46	
		5230	46	242T	15.16	15.51	
	2A	5270	54	242T	16.08	16.31	
		5310	62	242T	12.50	12.55	
	2C	5510	102	242T	10.03	10.12	
		5550	110	242T	16.11	16.11	
		5670	126	242T	16.13	16.39	
		5710	142	242T	12.01	12.10	
	3	5755	151	242T	16.27	16.30	
		5795	159	242T	16.30	16.24	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	11.01		
		5230	46	484T	15.10		
	2A	5270	54	484T	16.27		
		5310	62	484T	12.47		
	2C	5510	102	484T	10.98		
		5550	110	484T	16.13		
		5630	126	484T	16.05		
		5710	142	484T	16.06		
	3	5755	151	484T	16.33		
		5795	159	484T	16.21		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	10.40	11.17	10.85
	2A	5290	58	26T	10.73	11.49	11.09
	2C	5530	106	26T	10.11	10.66	10.45
		5610	122	26T	11.04	11.55	11.34
		5690	138	26T	11.02	11.45	10.93
	3	5775	155	26T	14.97	15.46	15.12

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	10.49	11.26	10.95
	2A	5290	58	52T	11.54	12.28	11.92
	2C	5530	106	52T	10.57	11.22	11.05
		5610	122	52T	14.18	14.93	14.48
		5690	138	52T	14.07	14.46	13.97
	3	5775	155	52T	15.00	15.61	15.08

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5210	42	106T	10.50	10.87	10.79
	2A	5290	58	106T	11.54	11.93	11.81
	2C	5530	106	106T	10.48	10.97	10.85
		5610	122	106T	15.98	16.48	16.23
		5690	138	106T	16.04	16.14	15.95
	3	5775	155	106T	14.91	15.42	15.01

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	10.50	10.74	11.11
	2A	5290	58	242T	11.91	12.23	12.18
	2C	5530	106	242T	11.49	11.99	11.74
		5610	122	242T	16.02	16.26	16.09
		5690	138	242T	12.06	12.17	11.90
	3	5775	155	242T	15.12	15.54	14.91

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	10.63	11.06	
	2A	5290	58	484T	11.95	12.43	
	2C	5530	106	484T	10.07	10.37	
		5610	122	484T	15.97	16.19	
		5690	138	484T	14.14	14.31	
	3	5775	155	484T	15.12	15.24	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	10.47		
	2A	5290	58	996T	11.54		
	2C	5530	106	996T	10.49		
		5610	122	996T	15.97		
		5690	138	996T	16.09		
	3	5775	155	996T	15.08		

Table H-4
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant 4b

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
	1	5180	36	26T	9.42	9.84	9.25
		5200	40	26T	9.41	9.88	9.28
		5220	44	26T	9.55	10.04	9.47
		5240	48	26T	9.41	9.91	9.36
	2A	5260	52	26T	9.45	9.91	9.35
		5280	56	26T	9.49	10.01	9.53
		5300	60	26T	9.45	10.03	9.54
		5320	64	26T	9.35	9.91	9.46
	2C	5500	100	26T	8.08	8.59	8.07
		5600	120	26T	8.06	8.61	8.12
		5620	124	26T	8.12	8.68	8.25
		5720	144	26T	7.93	8.55	8.26
	3	5745	149	26T	10.51	11.18	10.65
		5785	157	26T	10.54	11.09	10.38
		5825	165	26T	10.46	10.85	10.22

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
	1	5180	36	52T	9.51	9.76	9.39
		5200	40	52T	9.56	9.76	9.43
		5220	44	52T	9.37	9.71	9.24
		5240	48	52T	9.48	9.74	9.48
	2A	5260	52	52T	9.55	9.81	9.54
		5280	56	52T	9.57	9.87	9.58
		5300	60	52T	9.61	10.01	9.72
		5320	64	52T	9.51	9.89	9.56
	2C	5500	100	52T	8.14	8.37	8.14
		5600	120	52T	8.03	8.38	8.10
		5620	124	52T	8.08	8.41	8.17
		5720	144	52T	8.11	8.57	8.30
	3	5745	149	52T	10.54	11.03	10.66
		5785	157	52T	10.56	10.81	10.40
		5825	165	52T	10.49	10.63	10.31

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
	1	5180	36	106T	9.51	9.45	
		5200	40	106T	9.52	9.42	
		5220	44	106T	9.33	9.23	
		5240	48	106T	9.51	9.27	
	2A	5260	52	106T	9.41	9.33	
		5280	56	106T	9.45	9.43	
		5300	60	106T	9.46	9.55	
		5320	64	106T	9.54	9.61	
	2C	5500	100	106T	7.95	7.94	
		5600	120	106T	7.93	8.01	
		5620	124	106T	8.03	8.08	
		5720	144	106T	8.06	8.27	
	3	5745	149	106T	10.44	10.54	
		5785	157	106T	10.43	10.29	
		5825	165	106T	10.56	10.41	

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
	1	5180	36	242T	9.53		
		5200	40	242T	9.42		
		5200	44	242T	9.64		
		5240	48	242T	9.49		
	2A	5260	52	242T	9.52		
		5260	56	242T	9.48		
		5300	60	242T	9.48		
		5320	64	242T	9.59		
	2C	5500	100	242T	7.98		
		5600	120	242T	7.94		
		5620	124	242T	8.11		
		5720	144	242T	8.03		
	3	5745	149	242T	10.51		
		5785	157	242T	10.62		
		5825	165	242T	10.56		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
	1	5190	38	26T	9.17	9.91	9.30
		5230	46	26T	9.49	10.21	9.51
	2A	5270	54	26T	9.55	10.29	9.67
		5310	62	26T	9.05	10.05	9.63
	2C	5510	102	26T	8.03	8.77	8.10
		5590	118	26T	7.90	8.72	8.04
		5630	126	26T	7.96	8.72	8.20
		5710	142	26T	7.77	8.81	8.41
	3	5755	151	26T	10.23	11.21	10.62
		5795	159	26T	10.31	10.93	10.33

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
	1	5190	38	52T	9.43	9.92	9.62
		5230	46	52T	9.50	10.17	9.65
	2A	5270	54	52T	9.48	10.08	9.62
		5310	62	52T	9.21	10.10	9.58
	2C	5510	102	52T	7.95	8.59	7.98
		5590	118	52T	7.93	8.65	8.11
		5630	126	52T	8.04	8.74	8.28
		5710	142	52T	8.01	8.89	8.56
	3	5755	151	52T	10.46	11.23	10.79
		5795	159	52T	10.41	10.92	10.54

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
	1	5190	38	106T	9.49	9.97	9.74
		5230	46	106T	9.51	9.98	9.65
	2A	5270	54	106T	9.41	9.92	9.55
		5310	62	106T	9.35	10.08	9.75
	2C	5510	102	106T	8.07	8.61	8.13
		5590	118	106T	8.07	8.69	8.25
		5670	126	106T	8.00	8.59	8.25
		5710	142	106T	8.03	8.81	8.65
	3	5755	151	106T	10.62	11.20	10.91
		5795	159	106T	10.55	10.96	10.66

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
	1	5190	38	242T	9.57	9.81	
		5230	46	242T	9.43	9.71	
	2A	5270	54	242T	9.57	9.78	
		5310	62	242T	9.55	9.69	
	2C	5510	102	242T	8.02	8.10	
		5590	118	242T	7.83	7.85	
		5670	126	242T	7.84	8.02	
		5710	142	242T	8.09	8.31	
	3	5755	151	242T	10.68	10.96	
		5795	159	242T	10.42	10.56	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	9.40		
		5230	46	484T	9.42		
	2A	5270	54	484T	9.57		
		5310	62	484T	9.45		
	2C	5510	102	484T	7.98		
		5550	118	484T	8.03		
		5630	126	484T	7.95		
		5710	142	484T	8.06		
	3	5755	151	484T	10.51		
		5795	159	484T	10.43		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	9.08	10.34	9.44
	2A	5290	58	26T	9.40	10.15	9.48
	2C	5530	106	26T	8.07	8.63	7.82
		5610	122	26T	8.16	8.59	8.04
		5690	138	26T	8.14	8.78	8.67
	3	5775	155	26T	10.24	11.16	10.62

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	9.58	10.25	9.91
	2A	5290	58	52T	9.55	10.16	9.92
	2C	5530	106	52T	8.10	8.42	7.85
		5610	122	52T	8.02	8.56	8.06
		5690	138	52T	7.95	8.61	8.34
	3	5775	155	52T	10.51	11.04	10.82

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5210	42	106T	9.52	10.12	9.94
	2A	5290	58	106T	9.53	9.79	9.75
	2C	5530	106	106T	7.93	8.09	7.78
		5610	122	106T	8.13	8.43	8.18
		5690	138	106T	8.12	8.68	8.51
	3	5775	155	106T	10.63	11.03	10.83

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	9.54	10.31	9.98
	2A	5290	58	242T	9.41	9.98	9.64
	2C	5530	106	242T	8.01	8.27	8.04
		5610	122	242T	7.96	8.09	8.13
		5690	138	242T	7.88	8.58	8.39
	3	5775	155	242T	10.62	10.79	10.67

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	9.52	10.11	
	2A	5290	58	484T	9.52	9.67	
	2C	5530	106	484T	7.97	7.94	
		5610	122	484T	8.11	7.93	
		5690	138	484T	8.01	8.37	
	3	5775	155	484T	10.39	10.66	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	9.58		
	2A	5290	58	996T	9.65		
	2C	5530	106	996T	7.91		
		5610	122	996T	8.06		
		5690	138	996T	7.93		
	3	5775	155	996T	10.51		

APPENDIX I: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

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 Lower Bandwidth RF Conducted Powers

I.1.1 LTE Band 71

Table *I*-1
LTE Band 71 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	19.62	0	0
	1	36	19.68		0
	1	74	19.41		0
	36	0	19.79	0-1	0
	36	18	19.83		0
	36	37	19.70		0
	75	0	19.77		0
16QAM	1	0	20.02	0-1	0
	1	36	20.01		0
	1	74	19.97		0
	36	0	19.61	0-2	0
	36	18	19.67		0
	36	37	19.53		0
	75	0	19.58		0
64QAM	1	0	19.65	0-2	0
	1	36	19.65		0
	1	74	19.50		0
	36	0	19.89	0-3	0
	36	18	19.90		0
	36	37	19.84		0
	75	0	19.81		0
256QAM	1	0	17.59	0-5	2
	1	36	17.46		2
	1	74	17.49		2
	36	0	17.32		2
	36	18	17.40		2
	36	37	17.26		2
	75	0	17.42		2

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.

Table *I*-2
LTE Band 71 Measured P_{limit} Ant 1 - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133172 (668.0 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133422 (693.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.81	19.60	19.59	0	0
	1	25	19.63	19.53	19.48		0
	1	49	19.59	19.36	19.35		0
	25	0	19.88	19.72	19.65	0-1	0
	25	12	19.85	19.78	19.60		0
	25	25	19.82	19.69	19.58		0
	50	0	19.90	19.82	19.63		0
16QAM	1	0	19.74	19.86	19.95	0-1	0
	1	25	19.66	19.74	19.91		0
	1	49	19.46	19.63	19.83		0
	25	0	19.72	19.64	19.57	0-2	0
	25	12	19.71	19.68	19.50		0
	25	25	19.61	19.60	19.51		0
	50	0	19.65	19.56	19.44		0
64QAM	1	0	19.98	19.98	19.88	0-2	0
	1	25	19.92	20.04	19.90		0
	1	49	19.81	19.81	19.81		0
	25	0	19.78	19.78	19.78	0-3	0
	25	12	19.80	19.80	19.80		0
	25	25	19.71	19.71	19.71		0
	50	0	19.80	19.80	19.80		0
256QAM	1	0	17.23	17.65	17.08	0-5	2
	1	25	17.12	17.50	17.05		2
	1	49	16.99	17.46	17.05		2
	25	0	17.30	17.13	17.10		2
	25	12	17.25	17.18	17.02		2
	25	25	17.15	17.06	16.98		2
	50	0	17.16	17.10	16.96		2

Table *I*-3
LTE Band 71 Conducted Powers Ant 1 - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133147 (665.5 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133447 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.92	19.71	19.52	0	0
	1	12	19.89	19.63	19.40		0
	1	24	19.79	19.61	19.31		0
	12	0	19.98	19.76	19.70	0-1	0
	12	6	19.87	19.82	19.64		0
	12	13	19.82	19.71	19.53		0
	25	0	19.90	19.73	19.64		0
16QAM	1	0	20.07	19.65	19.72	0-1	0
	1	12	20.02	19.60	19.65		0
	1	24	19.99	19.54	19.40		0
	12	0	20.03	19.58	19.51	0-2	0
	12	6	19.90	19.60	19.47		0
	12	13	19.80	19.54	19.36		0
	25	0	19.68	19.58	19.49		0
64QAM	1	0	19.70	20.10	19.86	0-2	0
	1	12	19.63	20.08	19.62		0
	1	24	19.51	20.03	19.61		0
	12	0	20.08	19.88	19.74	0-3	0
	12	6	20.01	19.89	19.69		0
	12	13	19.91	19.81	19.62		0
	25	0	19.96	19.81	19.64		0
256QAM	1	0	17.71	17.69	17.73	0-5	2
	1	12	17.63	17.68	17.62		2
	1	24	17.56	17.54	17.53		2
	12	0	17.55	17.62	17.69		2
	12	6	17.61	17.64	17.59		2
	12	13	17.55	17.56	17.48		2
	25	0	17.62	17.64	17.47		2

Table *I*-4
LTE Band 71 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 133297 (680.5 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	19.59	0	0
	1	36	19.64		0
	1	74	19.47		0
	36	0	19.77	0-1	0
	36	18	19.82		0
	36	37	19.66		0
	75	0	19.73		0
16QAM	1	0	19.80	0-1	0
	1	36	19.77		0
	1	74	19.69		0
	36	0	19.30	0-2	0
	36	18	19.35		0
	36	37	19.21		0
	75	0	19.31		0
64QAM	1	0	19.38	0-2	0
	1	36	19.34		0
	1	74	19.21		0
	36	0	19.57	0-3	0
	36	18	19.58		0
	36	37	19.49		0
	75	0	19.48		0
256QAM	1	0	19.73	0-5	0
	1	36	19.83		0
	1	74	19.70		0
	36	0	19.32		0
	36	18	19.38		0
	36	37	19.23		0
	75	0	19.32		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.

Table *I*-5
LTE Band 71 Measured P_{limit} Ant 3 - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133172 (668.0 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133422 (693.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.80	19.55	19.69	0	0
	1	25	19.56	19.43	19.51		0
	1	49	19.64	19.40	19.43		0
	25	0	19.86	19.68	19.66	0-1	0
	25	12	19.88	19.76	19.66		0
	25	25	19.78	19.72	19.63		0
	50	0	19.86	19.78	19.66		0
16QAM	1	0	19.46	19.56	19.79	0-1	0
	1	25	19.34	19.49	19.70		0
	1	49	19.24	19.42	19.58		0
	25	0	19.46	19.35	19.32	0-2	0
	25	12	19.46	19.42	19.30		0
	25	25	19.37	19.34	19.28		0
	50	0	19.41	19.25	19.22		0
64QAM	1	0	19.58	19.68	19.42	0-2	0
	1	25	19.50	19.68	19.40		0
	1	49	19.32	19.52	19.18		0
	25	0	19.70	19.55	19.52	0-3	0
	25	12	19.65	19.62	19.50		0
	25	25	19.59	19.51	19.47		0
	50	0	19.66	19.54	19.32		0
256QAM	1	0	19.66	19.67	19.98	0-5	0
	1	25	19.51	19.70	19.94		0
	1	49	19.45	19.65	19.82		0
	25	0	19.70	19.77	19.56		0
	25	12	19.60	19.75	19.51		0
	25	25	19.47	19.70	19.44		0
	50	0	19.57	19.71	19.45		0

Table *I*-6
LTE Band 71 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 133147 (665.5 MHz)	Mid Channel 133297 (680.5 MHz)	High Channel 133447 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.57	19.37	19.23	0	0
	1	12	19.53	19.30	19.16		0
	1	24	19.45	19.30	19.11		0
	12	0	19.64	19.46	19.42	0-1	0
	12	6	19.57	19.44	19.36		0
	12	13	19.52	19.38	19.32		0
	25	0	19.61	19.44	19.40		0
16QAM	1	0	19.81	19.36	19.42	0-1	0
	1	12	19.67	19.31	19.49		0
	1	24	19.70	19.26	19.29		0
	12	0	19.65	19.25	19.26	0-2	0
	12	6	19.65	19.32	19.21		0
	12	13	19.55	19.24	19.09		0
	25	0	19.42	19.28	19.26		0
64QAM	1	0	19.45	19.98	19.59	0-2	0
	1	12	19.32	19.97	19.42		0
	1	24	19.27	19.94	19.36		0
	12	0	19.77	19.57	19.46	0-3	0
	12	6	19.75	19.61	19.42		0
	12	13	19.63	19.48	19.37		0
	25	0	19.65	19.50	19.41		0
256QAM	1	0	19.85	19.53	19.53	0-5	0
	1	12	19.69	19.45	19.41		0
	1	24	19.63	19.54	19.29		0
	12	0	19.73	19.59	19.50		0
	12	6	19.67	19.59	19.44		0
	12	13	19.60	19.46	19.34		0
	25	0	19.62	19.51	19.45		0

I.1.2 LTE Band 12

Table *I*-7
LTE Band 12 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23035 (701.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23155 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.82	19.66	19.45	0	0
	1	12	19.71	19.50	19.42		0
	1	24	19.63	19.59	19.38		0
	12	0	19.82	19.66	19.67	0-1	0
	12	6	19.79	19.68	19.62		0
	12	13	19.73	19.59	19.54		0
	25	0	19.75	19.64	19.68		0
16QAM	1	0	20.10	19.61	19.60	0-1	0
	1	12	19.88	19.46	19.48		0
	1	24	19.79	19.48	19.42		0
	12	0	19.85	19.52	19.43	0-2	0
	12	6	19.75	19.45	19.50		0
	12	13	19.66	19.44	19.38		0
	25	0	19.58	19.46	19.53		0
64QAM	1	0	19.59	19.75	19.71	0-2	0
	1	12	19.45	19.62	19.64		0
	1	24	19.45	19.65	19.62		0
	12	0	19.92	19.78	19.72	0-3	0
	12	6	19.89	19.75	19.71		0
	12	13	19.77	19.71	19.60		0
	25	0	19.82	19.65	19.67		0
256QAM	1	0	18.43	18.29	18.23	0-5	2
	1	12	18.41	18.17	18.19		2
	1	24	18.30	18.24	18.14		2
	12	0	18.39	18.25	18.18		2
	12	6	18.38	18.25	18.15		2
	12	13	18.28	18.17	18.08		2
	25	0	18.27	18.16	18.15		2

Table *I*-8
LTE Band 12 Measured P_{limit} Ant 1 - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23025 (700.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23165 (714.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.74	19.51	19.55	0	0
	1	7	19.60	19.51	19.49		0
	1	14	19.61	19.48	19.47		0
	8	0	19.78	19.64	19.62	0-1	0
	8	4	19.76	19.58	19.62		0
	8	7	19.71	19.55	19.55		0
	15	0	19.80	19.62	19.61		0
16QAM	1	0	19.74	19.71	19.98	0-1	0
	1	7	19.61	19.55	19.83		0
	1	14	19.52	19.57	19.82		0
	8	0	19.63	19.50	19.54	0-2	0
	8	4	19.63	19.48	19.52		0
	8	7	19.59	19.48	19.48		0
	15	0	19.52	19.50	19.48		0
64QAM	1	0	19.68	19.86	19.53	0-2	0
	1	7	19.59	19.79	19.46		0
	1	14	19.56	19.74	19.47		0
	8	0	19.82	19.64	19.66	0-3	0
	8	4	19.84	19.64	19.61		0
	8	7	19.74	19.57	19.58		0
	15	0	19.90	19.63	19.59		0
256QAM	1	0	18.45	18.47	18.45	0-5	2
	1	7	18.36	18.47	18.46		2
	1	14	18.30	18.45	18.45		2
	8	0	18.24	18.19	18.19		2
	8	4	18.24	18.22	18.21		2
	8	7	18.17	18.13	18.14		2
	15	0	18.33	18.15	18.05		2

Table *I*-9
LTE Band 12 Measured P_{limit} Ant 1 - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23017 (699.7 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23173 (715.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	19.59	19.38	19.52	0	0
	1	2	19.66	19.36	19.62		0
	1	5	19.56	19.32	19.49		0
	3	0	19.65	19.46	19.44		0
	3	2	19.63	19.48	19.45		0
	3	3	19.59	19.43	19.39		0
	6	0	19.69	19.52	19.48	0-1	0
16QAM	1	0	19.57	19.53	19.50	0-1	0
	1	2	19.57	19.59	19.52		0
	1	5	19.49	19.52	19.45		0
	3	0	19.67	19.30	19.47		0
	3	2	19.67	19.36	19.52		0
	3	3	19.65	19.27	19.46		0
	6	0	19.52	19.27	19.34	0-2	0
64QAM	1	0	19.53	19.65	19.77	0-2	0
	1	2	19.69	19.72	19.83		0
	1	5	19.46	19.66	19.66		0
	3	0	19.84	19.79	19.75		0
	3	2	19.91	19.82	19.77		0
	3	3	19.83	19.76	19.70		0
	6	0	19.69	19.53	19.37	0-3	0
256QAM	1	0	18.45	18.25	18.26	0-5	2
	1	2	18.44	18.26	18.26		2
	1	5	18.43	18.23	18.23		2
	3	0	18.30	18.02	18.11		2
	3	2	18.34	18.07	18.12		2
	3	3	18.27	17.98	18.03		2
	6	0	18.17	18.03	18.05		2

Table *I*-10
LTE Band 12 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23035 (701.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23155 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.99	18.67	18.87	0	0
	1	12	18.88	18.65	18.78		0
	1	24	18.83	18.68	18.73		0
	12	0	18.99	18.84	18.98	0-1	0
	12	6	18.98	18.91	18.95		0
	12	13	18.89	18.83	18.84		0
	25	0	18.94	18.91	18.88		0
16QAM	1	0	18.63	18.78	18.53	0-1	0
	1	12	18.44	18.69	18.52		0
	1	24	18.44	18.72	18.44		0
	12	0	18.55	18.53	18.50	0-2	0
	12	6	18.52	18.61	18.42		0
	12	13	18.41	18.56	18.36		0
	25	0	18.51	18.40	18.50		0
64QAM	1	0	19.25	18.47	18.85	0-2	0
	1	12	19.23	18.44	18.76		0
	1	24	19.19	18.40	18.72		0
	12	0	18.94	18.81	18.85	0-3	0
	12	6	18.92	18.83	18.80		0
	12	13	18.84	18.73	18.74		0
	25	0	18.85	18.78	18.77		0
256QAM	1	0	19.20	18.96	19.10	0-5	0
	1	12	19.13	18.93	18.99		0
	1	24	18.96	18.90	18.95		0
	12	0	19.07	18.94	19.09		0
	12	6	19.08	18.94	19.02		0
	12	13	18.96	18.91	18.92		0
	25	0	18.96	18.94	18.95		0

Table *I*-11
LTE Band 12 Measured P_{limit} Ant 3 - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23025 (700.5 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23165 (714.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.85	18.73	18.82	0	0
	1	7	18.75	18.65	18.69		0
	1	14	18.74	18.75	18.66		0
	8	0	18.99	18.79	18.92	0-1	0
	8	4	18.94	18.85	18.88		0
	8	7	18.89	18.81	18.81		0
	15	0	18.90	18.87	18.87		0
16QAM	1	0	18.76	18.44	18.96	0-1	0
	1	7	18.58	18.38	18.82		0
	1	14	18.61	18.40	18.77		0
	8	0	18.53	18.36	18.49	0-2	0
	8	4	18.53	18.43	18.48		0
	8	7	18.48	18.38	18.41		0
	15	0	18.56	18.34	18.42		0
64QAM	1	0	19.07	18.52	18.63	0-2	0
	1	7	19.04	18.48	18.52		0
	1	14	18.91	18.50	18.48		0
	8	0	18.82	18.71	18.77	0-3	0
	8	4	18.81	18.75	18.75		0
	8	7	18.78	18.70	18.71		0
	15	0	18.85	18.83	18.73		0
256QAM	1	0	18.78	19.00	19.22	0-5	0
	1	7	18.72	18.97	19.31		0
	1	14	18.67	18.97	19.30		0
	8	0	19.12	18.77	18.99		0
	8	4	19.05	18.84	19.00		0
	8	7	19.01	18.78	18.95		0
	15	0	19.04	18.93	18.89		0

Table *I*-12
LTE Band 12 Measured P_{limit} Ant 3 - 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 23017 (699.7 MHz)	Mid Channel 23095 (707.5 MHz)	High Channel 23173 (715.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.71	18.63	18.82	0	0
	1	2	18.73	18.73	18.88		0
	1	5	18.63	18.64	18.77		0
	3	0	18.79	18.68	18.72		0
	3	2	18.82	18.71	18.75		0
	3	3	18.81	18.66	18.69		0
	6	0	18.85	18.74	18.76	0-1	0
16QAM	1	0	18.59	18.25	18.41	0-1	0
	1	2	18.64	18.34	18.44		0
	1	5	18.58	18.26	18.40		0
	3	0	18.35	18.43	18.47		0
	3	2	18.40	18.45	18.48		0
	3	3	18.37	18.40	18.46		0
	6	0	18.33	18.26	18.33	0-2	0
64QAM	1	0	18.87	18.38	18.85	0-2	0
	1	2	18.93	18.58	18.93		0
	1	5	18.84	18.36	18.76		0
	3	0	19.02	18.79	18.87		0
	3	2	19.06	18.83	18.87		0
	3	3	18.99	18.80	18.81		0
	6	0	18.78	18.57	18.45	0-3	0
256QAM	1	0	18.70	18.79	18.81	0-5	0
	1	2	18.67	18.87	18.94		0
	1	5	18.58	18.84	18.73		0
	3	0	18.88	18.90	18.92		0
	3	2	18.97	18.95	18.91		0
	3	3	18.89	18.85	18.84		0
	6	0	19.00	18.70	18.87		0

I.1.3 LTE Band 13

Table *I*-13
LTE Band 13 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23230 (782.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	19.26	0	0
	1	12	19.19		0
	1	24	19.24		0
	12	0	19.40	0-1	0
	12	6	19.44		0
	12	13	19.39		0
	25	0	19.38		0
16QAM	1	0	19.48	0-1	0
	1	12	19.44		0
	1	24	19.44		0
	12	0	19.37	0-2	0
	12	6	19.45		0
	12	13	19.40		0
	25	0	19.43		0
64QAM	1	0	19.68	0-2	0
	1	12	19.62		0
	1	24	19.62		0
	12	0	19.53	0-3	0
	12	6	19.56		0
	12	13	19.52		0
	25	0	19.48		0
256QAM	1	0	18.07	0-5	2
	1	12	18.09		2
	1	24	18.09		2
	12	0	18.07		2
	12	6	18.12		2
	12	13	18.06		2
	25	0	18.01		2

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.

Table *I*-14
LTE Band 13 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23230 (782.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	18.54	0	0
	1	12	18.51		0
	1	24	18.41		0
	12	0	18.78	0-1	0
	12	6	18.80		0
	12	13	18.69		0
	25	0	18.74		0
16QAM	1	0	18.58	0-1	0
	1	12	18.53		0
	1	24	18.32		0
	12	0	18.48	0-2	0
	12	6	18.52		0
	12	13	18.40		0
	25	0	18.50		0
64QAM	1	0	18.79	0-2	0
	1	12	18.75		0
	1	24	18.68		0
	12	0	18.81	0-3	0
	12	6	18.82		0
	12	13	18.73		0
	25	0	18.75		0
256QAM	1	0	18.51	0-5	0
	1	12	18.48		0
	1	24	18.38		0
	12	0	18.49		0
	12	6	18.52		0
	12	13	18.39		0
	25	0	18.44		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.

I.1.4 LTE Band 14

Table *I*-15
LTE Band 14 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23330 (793.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	19.23	0	0
	1	12	19.29		0
	1	24	19.23		0
	12	0	19.24	0-1	0
	12	6	19.34		0
	12	13	19.26		0
	25	0	19.33		0
16QAM	1	0	19.60	0-1	0
	1	12	19.64		0
	1	24	19.63		0
	12	0	19.42	0-2	0
	12	6	19.49		0
	12	13	19.46		0
	25	0	19.28		0
64QAM	1	0	19.04	0-2	0
	1	12	19.13		0
	1	24	19.03		0
	12	0	19.35	0-3	0
	12	6	19.45		0
	12	13	19.38		0
	25	0	19.38		0
256QAM	1	0	17.96	0-5	2
	1	12	18.01		2
	1	24	18.02		2
	12	0	17.95		2
	12	6	17.91		2
	12	13	17.97		2
	25	0	17.95		2

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.

Table *I*-16
LTE Band 14 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 23330 (793.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	18.66	0	0
	1	12	18.62		0
	1	24	18.63		0
	12	0	18.79	0-1	0
	12	6	18.79		0
	12	13	18.74		0
	25	0	18.77		0
16QAM	1	0	18.52	0-1	0
	1	12	18.50		0
	1	24	18.55		0
	12	0	18.31	0-2	0
	12	6	18.35		0
	12	13	18.27		0
	25	0	18.35		0
64QAM	1	0	18.70	0-2	0
	1	12	18.66		0
	1	24	18.66		0
	12	0	18.70	0-3	0
	12	6	18.69		0
	12	13	18.62		0
	25	0	18.59		0
256QAM	1	0	18.43	0-5	0
	1	12	18.39		0
	1	24	18.45		0
	12	0	18.36		0
	12	6	18.37		0
	12	13	18.31		0
	25	0	18.35		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.

I.1.5 LTE Band 26

Table *I*-17
LTE Band 26 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26715 (816.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27015 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.75	17.70	17.78	0	0
	1	12	17.64	17.76	17.67		0
	1	24	17.57	17.73	17.64		0
	12	0	17.88	17.85	17.88	0-1	0
	12	6	17.86	17.90	17.90		0
	12	13	17.80	17.83	17.82		0
	25	0	17.88	17.85	17.87		0
16QAM	1	0	18.14	17.99	17.89	0-1	0
	1	12	18.14	18.01	17.79		0
	1	24	18.05	18.05	17.70		0
	12	0	18.05	18.01	17.98	0-2	0
	12	6	18.01	18.02	17.97		0
	12	13	17.93	17.96	17.87		0
	25	0	17.84	17.96	17.87		0
64QAM	1	0	18.20	18.13	17.97	0-2	0
	1	12	18.27	18.13	17.88		0
	1	24	18.21	18.14	17.94		0
	12	0	17.72	17.63	17.72	0-3	0
	12	6	17.65	17.64	17.68		0
	12	13	17.59	17.64	17.60		0
	25	0	17.49	17.63	17.58		0
256QAM	1	0	17.90	17.89	17.72	0-5	0
	1	12	17.86	17.83	17.55		0
	1	24	17.82	17.84	17.51		0
	12	0	17.37	17.37	17.41		0
	12	6	17.34	17.43	17.37		0
	12	13	17.29	17.33	17.31		0
	25	0	17.50	17.43	17.33		0

Table *I*-18
LTE Band 26 Measured P_{limit} Ant 1 - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26705 (815.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27025 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.76	17.74	17.87	0	0
	1	7	17.66	17.75	17.76		0
	1	14	17.61	17.77	17.77		0
	8	0	17.92	17.82	17.87	0-1	0
	8	4	17.90	17.91	17.80		0
	8	7	17.85	17.83	17.79		0
	15	0	17.85	17.87	17.82		0
16QAM	1	0	18.18	18.42	18.27	0-1	0
	1	7	18.11	18.42	18.19		0
	1	14	18.06	18.46	18.25		0
	8	0	18.03	17.78	17.93	0-2	0
	8	4	18.01	17.80	17.89		0
	8	7	17.95	17.74	17.85		0
	15	0	17.79	17.89	17.90		0
64QAM	1	0	18.04	18.07	17.77	0-2	0
	1	7	18.01	18.00	17.66		0
	1	14	17.98	18.06	17.61		0
	8	0	17.72	17.52	17.59	0-3	0
	8	4	17.70	17.53	17.59		0
	8	7	17.64	17.47	17.53		0
	15	0	17.67	17.58	17.59		0
256QAM	1	0	17.92	17.99	18.12	0-5	0
	1	7	17.88	17.94	17.98		0
	1	14	17.91	17.97	17.91		0
	8	0	17.54	17.52	17.60		0
	8	4	17.52	17.52	17.58		0
	8	7	17.48	17.47	17.56		0
	15	0	17.52	17.49	17.50		0

Table *I*-19
LTE Band 26 Measured P_{limit} Ant 1 – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26697 (814.7 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27033 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.78	17.61	17.66	0	0
	1	2	17.87	17.68	17.74		0
	1	5	17.76	17.65	17.64		0
	3	0	17.69	17.73	17.59		0
	3	2	17.72	17.72	17.62		0
	3	3	17.64	17.70	17.53		0
	6	0	17.79	17.82	17.74	0-1	0
16QAM	1	0	18.15	18.35	18.20	0-1	0
	1	2	18.17	18.42	18.22		0
	1	5	18.09	18.38	18.10		0
	3	0	17.79	17.93	17.90		0
	3	2	17.80	17.97	17.93		0
	3	3	17.80	17.92	17.87		0
	6	0	17.72	17.88	17.68	0-2	0
64QAM	1	0	17.93	17.96	18.22	0-2	0
	1	2	18.01	18.04	18.21		0
	1	5	17.90	17.94	18.15		0
	3	0	17.60	17.83	17.74		0
	3	2	17.63	17.80	17.73		0
	3	3	17.56	17.77	17.71		0
	6	0	17.65	17.62	17.37	0-3	0
256QAM	1	0	17.79	17.80	17.74	0-5	0
	1	2	17.83	17.90	17.77		0
	1	5	17.77	17.85	17.71		0
	3	0	17.56	17.50	17.45		0
	3	2	17.53	17.53	17.48		0
	3	3	17.49	17.47	17.46		0
	6	0	17.28	17.43	17.52		0

Table *I*-20
LTE Band 26 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26715 (816.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27015 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.14	17.97	17.93	0	0
	1	12	18.05	17.95	17.86		0
	1	24	17.99	17.96	17.81		0
	12	0	18.14	18.07	18.05	0-1	0
	12	6	18.13	18.04	18.08		0
	12	13	18.02	17.99	17.96		0
	25	0	18.13	18.03	18.05		0
16QAM	1	0	18.27	18.20	18.42	0-1	0
	1	12	18.18	18.15	18.46		0
	1	24	18.06	18.16	18.37		0
	12	0	18.17	18.04	18.34	0-2	0
	12	6	18.13	18.06	18.29		0
	12	13	18.06	17.98	18.22		0
	25	0	18.16	18.14	18.04		0
64QAM	1	0	18.05	17.58	17.61	0-2	0
	1	12	17.98	17.63	17.62		0
	1	24	18.03	17.62	17.63		0
	12	0	17.82	17.55	17.60	0-3	0
	12	6	17.80	17.60	17.64		0
	12	13	17.68	17.53	17.63		0
	25	0	17.68	17.55	17.65		0
256QAM	1	0	17.77	17.73	17.72	0-5	0
	1	12	17.71	17.77	17.64		0
	1	24	17.51	17.65	17.58		0
	12	0	17.70	17.62	17.75		0
	12	6	17.69	17.71	17.74		0
	12	13	17.57	17.63	17.62		0
	25	0	17.70	17.60	17.62		0

Table *I*-21
LTE Band 26 Measured P_{limit} Ant 3 - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26705 (815.5 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27025 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.00	17.89	17.92	0	0
	1	7	17.93	17.89	17.84		0
	1	14	17.85	17.91	17.82		0
	8	0	18.16	17.95	18.03	0-1	0
	8	4	18.11	18.00	18.07		0
	8	7	18.04	17.96	17.97		0
	15	0	18.12	18.03	18.03		0
16QAM	1	0	17.72	17.59	17.83	0-1	0
	1	7	17.65	17.58	17.83		0
	1	14	17.57	17.58	17.83		0
	8	0	17.68	17.58	17.83	0-2	0
	8	4	17.68	17.58	17.85		0
	8	7	17.59	17.58	17.83		0
	15	0	17.56	17.58	17.84		0
64QAM	1	0	17.43	17.58	17.86	0-2	0
	1	7	17.41	17.58	17.82		0
	1	14	17.41	17.58	17.85		0
	8	0	17.65	17.58	17.82	0-3	0
	8	4	17.68	17.58	17.81		0
	8	7	17.61	17.58	17.82		0
	15	0	17.78	17.58	17.83		0
256QAM	1	0	17.70	17.95	18.46	0-5	0
	1	7	17.67	17.96	18.35		0
	1	14	17.60	17.85	18.25		0
	8	0	18.06	17.76	17.95		0
	8	4	18.02	17.79	18.00		0
	8	7	17.96	17.72	17.90		0
	15	0	17.96	17.88	17.85		0

Table *I*-22
LTE Band 26 Measured P_{limit} Ant 3 – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26697 (814.7 MHz)	Mid Channel 26865 (831.5 MHz)	High Channel 27033 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.23	17.96	17.76	0	0
	1	2	17.97	17.95	17.76		0
	1	5	17.84	17.89	17.76		0
	3	0	17.79	17.93	17.76		0
	3	2	17.81	17.93	17.76		0
	3	3	17.74	17.92	17.75		0
	6	0	17.82	17.97	17.75	0-1	0
16QAM	1	0	17.97	17.95	17.75	0-1	0
	1	2	18.08	17.92	17.75		0
	1	5	17.99	17.96	17.75		0
	3	0	18.03	17.96	17.75		0
	3	2	18.10	17.96	17.75		0
	3	3	18.07	17.92	17.75		0
	6	0	17.98	17.96	17.75	0-2	0
64QAM	1	0	18.14	17.96	17.75	0-2	0
	1	2	18.09	17.93	17.75		0
	1	5	18.09	17.96	17.75		0
	3	0	18.13	17.95	17.75		0
	3	2	18.15	17.93	17.75		0
	3	3	18.12	17.96	17.75		0
	6	0	17.76	17.92	17.75	0-3	0
256QAM	1	0	17.91	17.47	17.82	0-5	0
	1	2	17.98	17.57	17.87		0
	1	5	17.83	17.47	17.79		0
	3	0	18.04	17.83	17.83		0
	3	2	18.03	17.85	17.89		0
	3	3	17.98	17.73	17.81		0
	6	0	17.94	17.87	17.73		0

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Table *I*-23
LTE Band 5 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20425 (826.5 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20625 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.16	17.97	17.91	0	0
	1	12	18.05	17.91	17.81		0
	1	24	18.05	17.92	17.72		0
	12	0	18.14	18.06	18.07	0-1	0
	12	6	18.16	18.04	18.01		0
	12	13	18.09	17.99	17.95		0
	25	0	18.13	18.01	18.04		0
16QAM	1	0	18.22	17.74	18.02	0-1	0
	1	12	18.08	17.78	17.93		0
	1	24	18.06	17.85	17.82		0
	12	0	17.99	17.91	17.88	0-2	0
	12	6	18.00	17.88	17.89		0
	12	13	17.92	17.83	17.82		0
	25	0	17.92	17.86	17.84		0
64QAM	1	0	17.81	17.82	17.74	0-2	0
	1	12	17.71	17.76	17.58		0
	1	24	17.61	17.78	17.48		0
	12	0	17.70	17.60	17.53	0-3	0
	12	6	17.65	17.60	17.50		0
	12	13	17.57	17.51	17.43		0
	25	0	17.69	17.50	17.54		0
256QAM	1	0	17.92	17.91	17.84	0-5	0
	1	12	17.84	17.88	17.79		0
	1	24	17.76	17.87	17.62		0
	12	0	17.76	17.60	17.63		0
	12	6	17.70	17.59	17.63		0
	12	13	17.64	17.57	17.53		0
	25	0	17.69	17.50	17.58		0

Table *I*-24
LTE Band 5 Conducted Powers Ant 1 - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20415 (825.5 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20635 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.06	17.85	17.88	0	0
	1	7	17.95	17.85	17.83		0
	1	14	17.94	17.78	17.77		0
	8	0	18.11	17.98	18.00	0-1	0
	8	4	18.10	18.00	18.02		0
	8	7	18.01	17.96	17.94		0
	15	0	18.07	17.99	17.97		0
16QAM	1	0	17.70	17.94	18.03	0-1	0
	1	7	17.56	17.90	17.91		0
	1	14	17.57	17.87	17.78		0
	8	0	17.80	17.72	17.86	0-2	0
	8	4	17.79	17.70	17.86		0
	8	7	17.73	17.69	17.81		0
	15	0	17.90	17.83	17.86		0
64QAM	1	0	17.45	17.52	18.06	0-2	0
	1	7	17.38	17.44	18.05		0
	1	14	17.39	17.44	18.01		0
	8	0	17.70	17.51	17.64	0-3	0
	8	4	17.75	17.53	17.61		0
	8	7	17.68	17.50	17.54		0
	15	0	17.69	17.54	17.51		0
256QAM	1	0	18.20	17.63	18.08	0-5	0
	1	7	18.01	17.54	17.97		0
	1	14	18.02	17.50	17.88		0
	8	0	17.62	17.56	17.59		0
	8	4	17.61	17.52	17.61		0
	8	7	17.52	17.47	17.51		0
	15	0	17.66	17.56	17.54		0

Table *I*-25
LTE Band 5 Measured P_{limit} Ant 1 - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20407 (824.7 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20643 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.98	17.78	17.89	0	0
	1	2	18.01	17.81	17.97		0
	1	5	17.90	17.72	17.89		0
	3	0	17.93	17.84	17.83		0
	3	2	18.01	17.86	17.85		0
	3	3	17.94	17.84	17.78		0
	6	0	18.00	17.88	17.85	0-1	0
16QAM	1	0	17.55	17.80	17.81	0-1	0
	1	2	17.66	17.90	17.81		0
	1	5	17.54	17.83	17.74		0
	3	0	17.95	17.71	17.76		0
	3	2	17.99	17.79	17.80		0
	3	3	17.96	17.72	17.72		0
	6	0	17.75	17.72	17.59	0-2	0
64QAM	1	0	17.37	17.42	17.80	0-2	0
	1	2	17.43	17.42	17.91		0
	1	5	17.32	17.41	17.73		0
	3	0	17.64	17.34	17.41		0
	3	2	17.65	17.38	17.42		0
	3	3	17.60	17.32	17.35		0
	6	0	17.49	17.40	17.37	0-3	0
256QAM	1	0	17.59	17.89	17.46	0-5	0
	1	2	17.70	17.90	17.52		0
	1	5	17.51	17.85	17.42		0
	3	0	17.53	17.36	17.34		0
	3	2	17.57	17.39	17.37		0
	3	3	17.46	17.34	17.28		0
	6	0	17.70	17.49	17.55		0

Table *I*-26
LTE Band 5 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 5 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20425 (826.5 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20625 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	18.25	17.81	18.08	0	0
	1	12	18.26	17.81	18.08		0
	1	24	18.25	17.80	18.08		0
	12	0	18.25	17.80	18.08	0-1	0
	12	6	18.25	17.80	18.07		0
	12	13	18.24	17.80	18.07		0
	25	0	18.25	17.80	18.08		0
16QAM	1	0	18.16	18.01	18.27	0-1	0
	1	12	18.00	17.95	18.21		0
	1	24	17.98	17.94	18.16		0
	12	0	17.99	17.94	18.17	0-2	0
	12	6	17.98	17.99	18.14		0
	12	13	17.85	17.90	18.00		0
	25	0	18.00	17.95	17.87		0
64QAM	1	0	18.12	18.01	17.77	0-2	0
	1	12	17.99	18.03	17.62		0
	1	24	17.98	17.96	17.52		0
	12	0	18.00	18.08	18.07	0-3	0
	12	6	18.01	18.10	18.01		0
	12	13	17.93	18.01	17.94		0
	25	0	17.96	18.01	17.96		0
256QAM	1	0	17.90	17.80	17.78	0-5	0
	1	12	17.82	17.79	17.67		0
	1	24	17.72	17.59	17.64		0
	12	0	17.77	17.63	17.78		0
	12	6	17.76	17.67	17.75		0
	12	13	17.61	17.61	17.65		0
	25	0	17.69	17.67	17.63		0

Table *I*-27
LTE Band 5 Measured P_{limit} Ant 3 - 3 MHz Bandwidth

LTE Band 5 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20415 (825.5 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20635 (847.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.85	17.84	18.00	0	0
	1	7	17.78	17.85	18.01		0
	1	14	17.70	17.85	18.03		0
	8	0	17.95	17.85	18.01	0-1	0
	8	4	17.95	17.85	18.01		0
	8	7	17.88	17.85	18.03		0
	15	0	17.91	17.84	18.01		0
16QAM	1	0	18.21	17.84	18.04	0-1	0
	1	7	18.12	17.85	18.05		0
	1	14	18.08	17.85	18.01		0
	8	0	18.07	17.85	18.01	0-2	0
	8	4	18.04	17.85	18.02		0
	8	7	17.98	17.84	18.03		0
	15	0	18.04	17.84	18.01		0
64QAM	1	0	18.21	17.85	18.02	0-2	0
	1	7	18.18	17.85	18.05		0
	1	14	18.05	17.84	18.00		0
	8	0	18.02	17.85	18.01	0-3	0
	8	4	17.99	17.85	18.01		0
	8	7	17.93	17.85	18.02		0
	15	0	17.99	17.85	18.03		0
256QAM	1	0	17.73	18.00	18.28	0-5	0
	1	7	17.66	17.95	18.00		0
	1	14	17.65	17.95	17.79		0
	8	0	18.07	17.86	18.00		0
	8	4	18.03	17.93	18.02		0
	8	7	17.96	17.83	17.92		0
	15	0	18.03	17.98	17.86		0

Table *I*-28
LTE Band 5 Measured P_{limit} Ant 3 - 1.4 MHz Bandwidth

LTE Band 5 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20407 (824.7 MHz)	Mid Channel 20525 (836.5 MHz)	High Channel 20643 (848.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	17.72	17.94	18.15	0	0
	1	2	17.75	17.94	18.17		0
	1	5	17.62	17.92	18.15		0
	3	0	17.76	17.95	18.17		0
	3	2	17.79	17.93	18.14		0
	3	3	17.73	17.94	18.16		0
	6	0	17.82	17.96	18.15	0-1	0
16QAM	1	0	18.06	17.94	18.17	0-1	0
	1	2	18.16	17.95	18.16		0
	1	5	18.09	17.93	18.16		0
	3	0	17.85	17.94	18.16		0
	3	2	17.90	17.79	18.16		0
	3	3	17.83	17.95	18.17		0
	6	0	17.80	17.96	18.16	0-2	0
64QAM	1	0	18.05	17.98	18.14	0-2	0
	1	2	18.11	17.97	18.17		0
	1	5	18.06	17.98	18.15		0
	3	0	18.17	17.96	18.17		0
	3	2	18.26	17.94	18.15		0
	3	3	18.15	17.95	18.16		0
	6	0	17.94	17.96	18.16	0-3	0
256QAM	1	0	17.67	17.86	17.81	0-5	0
	1	2	17.68	17.92	17.87		0
	1	5	17.58	17.89	17.75		0
	3	0	17.93	17.94	17.90		0
	3	2	17.95	18.00	17.93		0
	3	3	17.83	17.91	17.81		0
	6	0	17.94	17.82	17.85		0

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Table *I*-29
LTE Band 66 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.21	15.33	15.13	0	0
	1	36	15.30	15.38	15.08		0
	1	74	15.14	15.20	15.01		0
	36	0	15.31	15.26	15.24	0-1	0
	36	18	15.46	15.38	15.27		0
	36	37	15.38	15.31	15.25		0
	75	0	15.39	15.30	15.17		0
16QAM	1	0	15.36	15.30	15.13	0-1	0
	1	36	15.43	15.37	15.10		0
	1	74	15.29	15.33	14.98		0
	36	0	15.21	15.16	14.99	0-2	0
	36	18	15.33	15.24	15.03		0
	36	37	15.26	15.16	15.00		0
	75	0	15.18	15.18	15.07		0
64QAM	1	0	14.86	15.15	14.80	0-2	0
	1	36	14.84	15.31	14.78		0
	1	74	14.72	15.16	14.68		0
	36	0	14.93	14.84	14.95	0-3	0
	36	18	15.01	14.90	14.98		0
	36	37	14.94	14.85	14.98		0
	75	0	14.91	14.89	14.81		0
256QAM	1	0	15.01	15.31	14.75	0-5	0
	1	36	15.11	15.42	14.76		0
	1	74	14.98	15.24	14.71		0
	36	0	14.89	14.87	14.71		0
	36	18	15.02	14.96	14.75		0
	36	37	14.90	14.90	14.76		0
	75	0	14.96	14.93	14.71		0

Table *I*-30
LTE Band 66 Measured P_{limit} Ant 1 - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.20	15.16	15.08	0	0
	1	25	15.08	15.05	15.08		0
	1	49	15.14	15.07	15.04		0
	25	0	15.34	15.26	15.16	0-1	0
	25	12	15.33	15.33	15.11		0
	25	25	15.29	15.27	15.13		0
	50	0	15.36	15.34	15.12		0
16QAM	1	0	15.43	15.42	15.44	0-1	0
	1	25	15.34	15.29	15.43		0
	1	49	15.31	15.28	15.39		0
	25	0	15.38	15.27	15.16	0-2	0
	25	12	15.36	15.32	15.18		0
	25	25	15.29	15.27	15.21		0
	50	0	15.39	15.33	15.16		0
64QAM	1	0	15.42	14.94	14.88	0-2	0
	1	25	15.32	15.02	14.85		0
	1	49	15.30	14.94	14.87		0
	25	0	15.25	15.15	15.00	0-3	0
	25	12	15.27	15.28	15.00		0
	25	25	15.24	15.17	15.08		0
	50	0	15.17	15.16	14.97		0
256QAM	1	0	15.00	15.18	14.72	0-5	0
	1	25	14.95	15.18	14.75		0
	1	49	14.86	15.06	14.72		0
	25	0	15.25	15.12	15.05		0
	25	12	15.20	15.19	15.06		0
	25	25	15.21	15.16	15.07		0
	50	0	15.15	15.14	14.97		0

Table *I*-31
LTE Band 66 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.30	15.12	14.97	0	0
	1	12	15.32	15.23	14.97		0
	1	24	15.26	15.13	14.89		0
	12	0	15.33	15.26	15.20	0-1	0
	12	6	15.34	15.27	15.18		0
	12	13	15.28	15.30	15.13		0
	25	0	15.32	15.29	15.20		0
16QAM	1	0	15.49	15.36	15.33	0-1	0
	1	12	15.49	15.41	15.36		0
	1	24	15.45	15.39	15.30		0
	12	0	15.20	15.10	15.01	0-2	0
	12	6	15.23	15.16	15.07		0
	12	13	15.14	15.09	15.00		0
	25	0	15.13	15.14	15.00		0
64QAM	1	0	15.19	15.12	15.48	0-2	0
	1	12	15.23	15.18	15.48		0
	1	24	15.14	15.11	15.44		0
	12	0	15.21	15.13	15.18	0-3	0
	12	6	15.22	15.22	15.15		0
	12	13	15.18	15.18	15.10		0
	25	0	15.15	15.16	15.09		0
256QAM	1	0	15.31	15.13	15.03	0-5	0
	1	12	15.29	15.14	15.07		0
	1	24	15.23	15.20	14.98		0
	12	0	15.18	15.18	14.99		0
	12	6	15.23	15.27	15.07		0
	12	13	15.17	15.17	15.03		0
	25	0	15.15	15.11	15.04		0

Table *I*-32
LTE Band 66 Measured P_{limit} Ant 1 - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.19	15.09	15.01	0	0
	1	7	15.15	15.05	14.99		0
	1	14	15.15	15.06	14.93		0
	8	0	15.29	15.27	15.17	0-1	0
	8	4	15.32	15.26	15.18		0
	8	7	15.30	15.19	15.13		0
	15	0	15.28	15.24	15.12		0
16QAM	1	0	15.20	15.19	15.26	0-1	0
	1	7	15.15	15.19	15.30		0
	1	14	15.13	15.14	15.19		0
	8	0	15.01	15.13	14.94	0-2	0
	8	4	15.04	15.13	14.88		0
	8	7	15.01	15.11	14.89		0
	15	0	15.10	15.04	14.99		0
64QAM	1	0	14.95	15.22	14.86	0-2	0
	1	7	14.94	15.21	14.77		0
	1	14	14.99	15.21	14.78		0
	8	0	15.13	15.08	15.03	0-3	0
	8	4	15.23	15.12	15.00		0
	8	7	15.15	15.06	14.98		0
	15	0	15.30	15.16	14.94		0
256QAM	1	0	15.08	15.03	14.90	0-5	0
	1	7	15.10	14.96	14.90		0
	1	14	15.09	15.02	14.65		0
	8	0	15.15	14.92	15.02		0
	8	4	15.16	14.95	15.04		0
	8	7	15.13	14.91	14.99		0
	15	0	15.02	15.06	14.99		0

Table *I*-33
LTE Band 66 Measured P_{limit} Ant 1 - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.13	14.98	15.08	0	0
	1	2	15.15	15.04	15.15		0
	1	5	15.09	14.99	15.06		0
	3	0	15.17	15.12	15.02		0
	3	2	15.18	15.14	15.04		0
	3	3	15.18	15.08	14.98		0
	6	0	15.22	15.15	15.01	0-1	0
16QAM	1	0	15.36	15.12	15.13	0-1	0
	1	2	15.44	15.12	15.12		0
	1	5	15.38	15.10	15.10		0
	3	0	15.18	15.19	15.24		0
	3	2	15.28	15.23	15.26		0
	3	3	15.25	15.17	15.22		0
	6	0	15.24	15.24	15.08	0-2	0
64QAM	1	0	15.22	15.24	14.74	0-2	0
	1	2	15.32	15.30	14.80		0
	1	5	15.28	15.17	14.66		0
	3	0	15.39	15.25	15.07		0
	3	2	15.47	15.27	15.12		0
	3	3	15.40	15.25	15.07		0
	6	0	15.17	14.87	14.82	0-3	0
256QAM	1	0	15.38	15.00	15.11	0-5	0
	1	2	15.37	15.02	15.24		0
	1	5	15.35	14.93	15.03		0
	3	0	15.38	15.17	15.14		0
	3	2	15.45	15.25	15.19		0
	3	3	15.40	15.18	15.15		0
	6	0	15.25	15.27	15.14		0

Table *I*-34
LTE Band 66 Measured P_{limit} Ant 2b - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.38	14.60	14.52	0	0
	1	36	14.47	14.71	14.48		0
	1	74	14.35	14.58	14.34		0
	36	0	14.61	14.59	14.63	0-1	0
	36	18	14.67	14.74	14.67		0
	36	37	14.56	14.65	14.63		0
	75	0	14.57	14.64	14.62		0
16QAM	1	0	14.25	14.57	14.80	0-1	0
	1	36	14.38	14.68	14.87		0
	1	74	14.21	14.55	14.72		0
	36	0	14.28	14.30	14.26	0-2	0
	36	18	14.32	14.43	14.34		0
	36	37	14.25	14.37	14.29		0
	75	0	14.31	14.33	14.24		0
64QAM	1	0	14.47	14.78	14.31	0-2	0
	1	36	14.59	14.89	14.38		0
	1	74	14.44	14.79	14.30		0
	36	0	14.42	14.31	14.35	0-3	0
	36	18	14.45	14.45	14.38		0
	36	37	14.39	14.38	14.43		0
	75	0	14.34	14.37	14.27		0
256QAM	1	0	14.23	14.40	14.76	0-5	0
	1	36	14.36	14.60	14.85		0
	1	74	14.23	14.46	14.76		0
	36	0	14.34	14.35	14.28		0
	36	18	14.33	14.45	14.35		0
	36	37	14.26	14.38	14.36		0
	75	0	14.32	14.37	14.31		0

Table *I*-35
LTE Band 66 Measured P_{limit} Ant 2b - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.47	14.52	14.56	0	0
	1	25	14.42	14.40	14.43		0
	1	49	14.39	14.47	14.38		0
	25	0	14.62	14.70	14.64	0-1	0
	25	12	14.62	14.73	14.67		0
	25	25	14.54	14.64	14.56		0
	50	0	14.58	14.71	14.64		0
16QAM	1	0	14.31	14.62	14.83	0-1	0
	1	25	14.23	14.56	14.75		0
	1	49	14.22	14.51	14.68		0
	25	0	14.40	14.38	14.31	0-2	0
	25	12	14.41	14.44	14.34		0
	25	25	14.28	14.41	14.37		0
	50	0	14.27	14.38	14.25		0
64QAM	1	0	14.52	14.77	14.48	0-2	0
	1	25	14.47	14.84	14.52		0
	1	49	14.45	14.76	14.55		0
	25	0	14.72	14.70	14.58	0-3	0
	25	12	14.69	14.76	14.63		0
	25	25	14.66	14.74	14.67		0
	50	0	14.69	14.70	14.55		0
256QAM	1	0	14.37	14.05	14.84	0-5	0
	1	25	14.34	14.07	14.84		0
	1	49	14.23	14.10	14.76		0
	25	0	14.36	14.33	14.31		0
	25	12	14.34	14.40	14.30		0
	25	25	14.28	14.42	14.36		0
	50	0	14.29	14.37	14.34		0

Table *I*-36
LTE Band 66 Measured P_{limit} Ant 2b - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.56	14.52	14.39	0	0
	1	12	14.54	14.56	14.37		0
	1	24	14.52	14.55	14.37		0
	12	0	14.58	14.65	14.59	0-1	0
	12	6	14.57	14.70	14.63		0
	12	13	14.52	14.63	14.58		0
	25	0	14.58	14.62	14.56		0
16QAM	1	0	14.92	14.63	14.72	0-1	0
	1	12	14.87	14.70	14.72		0
	1	24	14.85	14.63	14.68		0
	12	0	14.78	14.68	14.57	0-2	0
	12	6	14.82	14.67	14.64		0
	12	13	14.78	14.63	14.58		0
	25	0	14.59	14.67	14.66		0
64QAM	1	0	14.30	14.75	14.32	0-2	0
	1	12	14.27	14.80	14.39		0
	1	24	14.24	14.76	14.28		0
	12	0	14.39	14.48	14.35	0-3	0
	12	6	14.42	14.50	14.35		0
	12	13	14.38	14.48	14.29		0
	25	0	14.35	14.42	14.29		0
256QAM	1	0	14.77	14.62	14.66	0-5	0
	1	12	14.76	14.68	14.66		0
	1	24	14.69	14.67	14.60		0
	12	0	14.61	14.70	14.65		0
	12	6	14.67	14.71	14.65		0
	12	13	14.64	14.69	14.59		0
	25	0	14.61	14.63	14.68		0

Table *I*-37
LTE Band 66 Measured P_{limit} Ant 2b - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.44	14.52	14.47	0	0
	1	7	14.39	14.51	14.43		0
	1	14	14.44	14.47	14.40		0
	8	0	14.50	14.62	14.63	0-1	0
	8	4	14.59	14.64	14.59		0
	8	7	14.55	14.63	14.58		0
	15	0	14.54	14.67	14.58		0
16QAM	1	0	14.42	14.51	14.88	0-1	0
	1	7	14.31	14.47	14.77		0
	1	14	14.34	14.51	14.74		0
	8	0	14.33	14.37	14.40	0-2	0
	8	4	14.36	14.38	14.46		0
	8	7	14.34	14.34	14.42		0
	15	0	14.28	14.45	14.33		0
64QAM	1	0	14.44	14.80	14.47	0-2	0
	1	7	14.45	14.84	14.44		0
	1	14	14.45	14.78	14.42		0
	8	0	14.61	14.63	14.60	0-3	0
	8	4	14.69	14.68	14.65		0
	8	7	14.55	14.60	14.62		0
	15	0	14.75	14.70	14.57		0
256QAM	1	0	14.40	14.07	14.84	0-5	0
	1	7	14.35	14.09	14.80		0
	1	14	14.32	14.15	14.74		0
	8	0	14.25	14.41	14.36		0
	8	4	14.27	14.40	14.42		0
	8	7	14.24	14.39	14.38		0
	15	0	14.33	14.33	14.26		0

Table *I*-38
LTE Band 66 Measured P_{limit} Ant 2b - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.35	14.35	14.48	0	0
	1	2	14.42	14.47	14.58		0
	1	5	14.40	14.40	14.52		0
	3	0	14.37	14.46	14.45		0
	3	2	14.46	14.54	14.46		0
	3	3	14.43	14.44	14.41		0
	6	0	14.47	14.60	14.47	0-1	0
16QAM	1	0	14.53	14.74	14.66	0-1	0
	1	2	14.65	14.82	14.75		0
	1	5	14.55	14.73	14.72		0
	3	0	14.63	14.55	14.66		0
	3	2	14.69	14.52	14.74		0
	3	3	14.67	14.49	14.69		0
	6	0	14.49	14.51	14.61	0-2	0
64QAM	1	0	14.36	14.65	14.76	0-2	0
	1	2	14.51	14.72	14.88		0
	1	5	14.28	14.72	14.73		0
	3	0	14.68	14.88	14.76		0
	3	2	14.77	14.86	14.82		0
	3	3	14.69	14.84	14.76		0
	6	0	14.50	14.61	14.41	0-3	0
256QAM	1	0	14.55	14.28	14.52	0-5	0
	1	2	14.61	14.31	14.62		0
	1	5	14.58	14.24	14.49		0
	3	0	14.61	14.51	14.66		0
	3	2	14.64	14.58	14.64		0
	3	3	14.57	14.49	14.56		0
	6	0	14.41	14.60	14.56		0

Table *I*-39
LTE Band 66 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.10	15.22	14.97	0	0
	1	36	15.18	15.22	15.00		0
	1	74	14.98	15.20	14.83		0
	36	0	15.08	15.22	15.12	0-1	0
	36	18	15.19	15.22	15.14		0
	36	37	15.12	15.20	15.17		0
	75	0	15.09	15.21	15.06		0
16QAM	1	0	15.16	14.92	15.40	0-1	0
	1	36	15.22	14.93	15.44		0
	1	74	15.12	14.93	15.29		0
	36	0	14.85	14.89	14.86	0-2	0
	36	18	14.99	14.94	14.91		0
	36	37	14.89	14.93	14.89		0
	75	0	14.86	14.91	14.86		0
64QAM	1	0	15.35	14.92	14.72	0-2	0
	1	36	15.36	14.92	14.75		0
	1	74	15.32	14.93	14.56		0
	36	0	14.90	14.89	14.93	0-3	0
	36	18	15.00	14.92	14.96		0
	36	37	14.90	14.89	14.96		0
	75	0	14.90	14.89	14.82		0
256QAM	1	0	14.99	14.90	15.34	0-5	0
	1	36	15.13	15.03	15.44		0
	1	74	14.99	14.82	15.29		0
	36	0	14.88	14.84	14.92		0
	36	18	14.99	14.99	14.93		0
	36	37	14.90	14.88	14.90		0
	75	0	14.90	14.93	14.83		0

Table *I*-40
LTE Band 66 Measured P_{limit} Ant 3 - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.92	15.23	15.05	0	0
	1	25	14.81	15.23	14.96		0
	1	49	14.76	15.27	14.95		0
	25	0	15.17	15.25	15.07	0-1	0
	25	12	15.17	15.24	15.03		0
	25	25	15.08	15.26	15.05		0
	50	0	15.14	15.23	15.05		0
16QAM	1	0	15.21	14.96	15.37	0-1	0
	1	25	15.13	14.96	15.33		0
	1	49	15.11	14.93	15.19		0
	25	0	15.02	14.96	14.87	0-2	0
	25	12	15.06	14.94	14.89		0
	25	25	15.02	14.94	14.89		0
	50	0	14.91	14.94	14.77		0
64QAM	1	0	15.16	14.95	14.71	0-2	0
	1	25	15.12	14.96	14.75		0
	1	49	14.98	14.94	14.65		0
	25	0	15.01	14.94	14.87	0-3	0
	25	12	15.01	14.96	14.88		0
	25	25	14.94	14.96	14.89		0
	50	0	14.92	14.96	14.78		0
256QAM	1	0	14.69	15.00	15.39	0-5	0
	1	25	14.62	14.90	15.44		0
	1	49	14.58	14.86	15.29		0
	25	0	14.97	14.90	14.86		0
	25	12	15.02	14.97	14.90		0
	25	25	14.93	14.90	14.89		0
	50	0	14.92	14.93	14.80		0

Table *I*-41
LTE Band 66 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.94	14.55	14.40	0	0
	1	12	14.94	14.63	14.37		0
	1	24	14.98	14.57	14.35		0
	12	0	14.98	14.64	14.60	0-1	0
	12	6	15.01	14.66	14.67		0
	12	13	14.99	14.68	14.60		0
	25	0	14.98	14.70	14.61		0
16QAM	1	0	15.00	15.07	14.76	0-1	0
	1	12	14.93	15.13	14.71		0
	1	24	15.00	15.06	14.73		0
	12	0	14.99	14.90	14.70	0-2	0
	12	6	14.99	14.97	14.71		0
	12	13	15.00	14.88	14.64		0
	25	0	14.98	14.71	14.68		0
64QAM	1	0	14.72	14.88	15.23	0-2	0
	1	12	14.73	14.98	15.27		0
	1	24	14.63	14.94	15.25		0
	12	0	14.98	14.90	14.97	0-3	0
	12	6	15.01	14.93	15.00		0
	12	13	14.94	14.88	14.90		0
	25	0	14.94	14.91	14.84		0
256QAM	1	0	14.96	14.99	14.88	0-5	0
	1	12	14.99	15.10	14.90		0
	1	24	14.98	15.00	14.72		0
	12	0	14.97	14.91	14.87		0
	12	6	14.99	15.04	14.91		0
	12	13	14.90	14.93	14.84		0
	25	0	14.85	14.90	14.90		0

Table *I*-42
LTE Band 66 Measured P_{limit} Ant 3 - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.21	14.87	14.92	0	0
	1	7	15.20	14.86	14.92		0
	1	14	15.22	14.90	14.92		0
	8	0	15.21	14.93	14.93	0-1	0
	8	4	15.18	14.87	14.92		0
	8	7	15.20	14.92	14.92		0
	15	0	15.22	14.91	14.91		0
16QAM	1	0	15.21	14.93	14.93	0-1	0
	1	7	15.21	14.86	14.92		0
	1	14	15.19	14.89	14.92		0
	8	0	15.20	14.94	14.93	0-2	0
	8	4	15.21	14.89	14.91		0
	8	7	15.22	14.91	14.93		0
	15	0	15.20	14.93	14.94		0
64QAM	1	0	15.20	14.91	14.91	0-2	0
	1	7	15.20	14.88	14.91		0
	1	14	15.22	14.91	14.93		0
	8	0	15.22	14.88	14.93	0-3	0
	8	4	15.20	14.94	14.93		0
	8	7	15.20	14.93	14.94		0
	15	0	15.21	14.92	14.91		0
256QAM	1	0	14.68	14.95	15.36	0-5	0
	1	7	14.60	14.97	15.37		0
	1	14	14.67	14.96	15.24		0
	8	0	14.96	14.86	14.91		0
	8	4	15.00	14.88	14.98		0
	8	7	14.94	14.81	14.91		0
	15	0	14.95	14.97	14.81		0

Table *I*-43
LTE Band 66 Measured P_{limit} Ant 3 - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.85	15.18	15.37	0	0
	1	2	14.91	15.17	15.36		0
	1	5	14.85	15.16	15.35		0
	3	0	14.95	15.12	15.38		0
	3	2	15.03	15.14	15.38		0
	3	3	14.98	15.18	15.36		0
	6	0	14.99	15.17	15.39	0-1	0
16QAM	1	0	15.33	15.19	15.38	0-1	0
	1	2	15.35	15.12	15.38		0
	1	5	15.35	15.18	15.36		0
	3	0	15.09	15.16	15.37		0
	3	2	15.15	15.19	15.39		0
	3	3	15.06	15.18	15.35		0
	6	0	15.07	15.16	15.39	0-2	0
64QAM	1	0	15.24	15.18	15.38	0-2	0
	1	2	15.32	15.20	15.37		0
	1	5	15.29	15.19	15.38		0
	3	0	15.41	15.15	15.39		0
	3	2	15.45	15.17	15.37		0
	3	3	15.40	15.16	15.40		0
	6	0	15.17	15.17	15.40	0-3	0
256QAM	1	0	14.88	15.17	15.04	0-5	0
	1	2	14.92	15.19	15.17		0
	1	5	14.86	15.17	15.04		0
	3	0	15.13	15.18	15.13		0
	3	2	15.12	15.27	15.13		0
	3	3	15.08	15.21	15.08		0
	6	0	15.20	15.09	15.12		0

Table *I*-44
LTE Band 66 Measured P_{limit} Ant 4b - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132047 (1717.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132597 (1772.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.98	12.80	12.71	0	0
	1	36	13.06	12.88	12.72		0
	1	74	12.94	12.71	12.55		0
	36	0	13.04	13.00	12.82	0-1	0
	36	18	13.09	13.00	12.84		0
	36	37	13.02	12.94	12.85		0
	75	0	13.01	12.93	12.76		0
16QAM	1	0	12.84	12.54	12.91	0-1	0
	1	36	12.89	12.55	12.92		0
	1	74	12.80	12.42	12.79		0
	36	0	12.90	12.89	12.67	0-2	0
	36	18	12.96	12.92	12.68		0
	36	37	12.87	12.80	12.67		0
	75	0	12.82	12.88	12.62		0
64QAM	1	0	12.76	12.68	12.51	0-2	0
	1	36	12.87	12.71	12.51		0
	1	74	12.76	12.56	12.37		0
	36	0	12.79	12.85	12.61	0-3	0
	36	18	12.83	12.87	12.63		0
	36	37	12.83	12.78	12.61		0
	75	0	12.78	12.80	12.54		0
256QAM	1	0	12.80	13.29	13.17	0-5	0
	1	36	12.83	13.40	13.26		0
	1	74	12.76	13.32	13.09		0
	36	0	12.91	12.99	12.76		0
	36	18	12.96	12.97	12.77		0
	36	37	12.89	12.90	12.77		0
	75	0	12.95	12.93	12.69		0

Table *I*-45
LTE Band 66 Conducted Powers Ant 4b - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 132022 (1715.0 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132622 (1775.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.70	12.92	12.76	0	0
	1	25	12.71	12.87	12.68		0
	1	49	12.76	12.84	12.75		0
	25	0	13.01	13.05	12.83	0-1	0
	25	12	12.99	13.03	12.80		0
	25	25	12.98	12.99	12.80		0
	50	0	13.00	13.02	12.78		0
16QAM	1	0	13.00	12.55	12.95	0-1	0
	1	25	12.97	12.41	12.88		0
	1	49	12.97	12.42	12.81		0
	25	0	12.89	12.87	12.71	0-2	0
	25	12	12.92	12.88	12.69		0
	25	25	12.87	12.82	12.70		0
	50	0	12.86	12.87	12.65		0
64QAM	1	0	12.65	12.71	12.63	0-2	0
	1	25	12.54	12.67	12.52		0
	1	49	12.62	12.58	12.46		0
	25	0	12.85	12.86	12.61	0-3	0
	25	12	12.89	12.84	12.62		0
	25	25	12.86	12.78	12.64		0
	50	0	12.87	12.83	12.64		0
256QAM	1	0	13.02	13.40	13.27	0-5	0
	1	25	12.87	13.38	13.26		0
	1	49	12.96	13.32	13.20		0
	25	0	12.96	13.06	12.79		0
	25	12	12.94	13.04	12.76		0
	25	25	12.92	12.97	12.83		0
	50	0	12.94	12.90	12.69		0

Table *I*-46
LTE Band 66 Measured P_{limit} Ant 4b - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131997 (1712.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132647 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.90	12.95	12.69	0	0
	1	12	12.88	13.02	12.67		0
	1	24	12.90	12.94	12.60		0
	12	0	13.02	13.00	12.87	0-1	0
	12	6	13.08	13.06	12.94		0
	12	13	12.96	12.97	12.85		0
	25	0	13.00	12.98	12.88		0
16QAM	1	0	12.81	13.00	12.73	0-1	0
	1	12	12.81	12.97	12.78		0
	1	24	12.81	12.96	12.66		0
	12	0	12.89	12.85	12.72	0-2	0
	12	6	12.91	12.91	12.73		0
	12	13	12.87	12.85	12.66		0
	25	0	12.84	12.81	12.66		0
64QAM	1	0	12.77	13.02	12.76	0-2	0
	1	12	12.70	13.01	12.78		0
	1	24	12.74	12.99	12.68		0
	12	0	12.83	12.89	12.73	0-3	0
	12	6	12.85	12.92	12.73		0
	12	13	12.82	12.86	12.67		0
	25	0	12.77	12.82	12.72		0
256QAM	1	0	13.19	13.09	12.96	0-5	0
	1	12	13.28	13.10	13.01		0
	1	24	13.18	13.03	12.88		0
	12	0	12.95	12.97	12.81		0
	12	6	12.96	12.97	12.89		0
	12	13	12.94	12.91	12.80		0
	25	0	12.83	12.93	12.83		0

Table *I*-47
LTE Band 66 Measured P_{limit} Ant 4b - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131987 (1711.5 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132657 (1778.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.80	12.81	12.72	0	0
	1	7	12.82	12.81	12.72		0
	1	14	12.79	12.80	12.70		0
	8	0	13.00	12.93	12.87	0-1	0
	8	4	12.96	12.95	12.91		0
	8	7	12.97	12.92	12.86		0
	15	0	12.96	12.94	12.87		0
16QAM	1	0	12.90	12.56	12.83	0-1	0
	1	7	12.85	12.48	12.80		0
	1	14	12.90	12.48	12.75		0
	8	0	12.67	12.65	12.77	0-2	0
	8	4	12.74	12.72	12.72		0
	8	7	12.67	12.66	12.69		0
	15	0	12.81	12.79	12.71		0
64QAM	1	0	12.91	12.58	12.85	0-2	0
	1	7	12.88	12.49	12.80		0
	1	14	12.91	12.49	12.77		0
	8	0	12.68	12.67	12.74	0-3	0
	8	4	12.75	12.73	12.73		0
	8	7	12.69	12.68	12.70		0
	15	0	12.82	12.80	12.72		0
256QAM	1	0	12.96	13.32	13.21	0-5	0
	1	7	12.92	13.25	13.22		0
	1	14	12.92	13.25	13.19		0
	8	0	12.94	12.81	12.83		0
	8	4	12.89	12.79	12.88		0
	8	7	12.90	12.74	12.75		0
	15	0	12.95	12.84	12.77		0

Table *I*-48
LTE Band 66 Measured P_{limit} Ant 4b - 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 131979 (1710.7 MHz)	Mid Channel 132322 (1745.0 MHz)	High Channel 132665 (1779.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	12.77	12.76	12.82	0	0
	1	2	12.76	12.81	12.85		0
	1	5	12.70	12.74	12.81		0
	3	0	12.81	12.81	12.74		0
	3	2	12.88	12.82	12.77		0
	3	3	12.82	12.82	12.71		0
	6	0	12.90	12.87	12.75	0-1	0
16QAM	1	0	12.79	12.39	12.65	0-1	0
	1	2	12.85	12.48	12.71		0
	1	5	12.80	12.44	12.69		0
	3	0	12.71	12.79	12.64		0
	3	2	12.80	12.82	12.70		0
	3	3	12.72	12.77	12.68		0
	6	0	12.72	12.66	12.46	0-2	0
64QAM	1	0	12.78	12.40	12.70	0-2	0
	1	2	12.83	12.51	12.70		0
	1	5	12.77	12.44	12.68		0
	3	0	12.71	12.78	12.63		0
	3	2	12.77	12.85	12.70		0
	3	3	12.72	12.82	12.67		0
	6	0	12.72	12.67	12.52	0-3	0
256QAM	1	0	12.86	13.19	12.59	0-5	0
	1	2	12.96	13.24	12.71		0
	1	5	12.88	13.21	12.61		0
	3	0	12.73	12.66	12.59		0
	3	2	12.75	12.73	12.65		0
	3	3	12.73	12.66	12.59		0
	6	0	12.94	12.78	12.81		0

I.1.8 LTE Band 25

Table *I*-49
LTE Band 25 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.21	14.04	14.05	0	0
	1	36	14.25	14.12	14.15		0
	1	74	14.16	14.06	14.14		0
	36	0	14.29	14.17	14.29	0-1	0
	36	18	14.26	14.20	14.38		0
	36	37	14.22	14.25	14.35		0
	75	0	14.24	14.12	14.32		0
16QAM	1	0	14.07	13.70	14.27	0-1	0
	1	36	14.10	13.87	14.41		0
	1	74	14.03	13.80	14.32		0
	36	0	13.84	13.65	13.82	0-2	0
	36	18	13.86	13.71	13.89		0
	36	37	13.82	13.72	13.87		0
	75	0	13.77	13.70	13.87		0
64QAM	1	0	14.22	13.51	13.52	0-2	0
	1	36	14.33	13.59	13.71		0
	1	74	14.25	13.53	13.63		0
	36	0	13.80	13.79	13.85	0-3	0
	36	18	13.82	13.80	13.90		0
	36	37	13.74	13.85	13.92		0
	75	0	13.74	13.74	13.76		0
256QAM	1	0	13.87	13.65	14.22	0-5	0
	1	36	13.95	13.78	14.41		0
	1	74	13.90	13.74	14.33		0
	36	0	13.81	13.65	13.82		0
	36	18	13.84	13.69	13.88		0
	36	37	13.76	13.70	13.87		0
	75	0	13.79	13.67	13.81		0

Table *I*-50
LTE Band 25 Measured P_{limit} Ant 1 - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.02	14.04	14.17	0	0
	1	25	13.95	14.08	14.21		0
	1	49	13.98	14.07	14.30		0
	25	0	14.25	14.14	14.23	0-1	0
	25	12	14.26	14.19	14.27		0
	25	25	14.25	14.25	14.36		0
	50	0	14.29	14.18	14.27		0
16QAM	1	0	14.02	13.67	14.28	0-1	0
	1	25	14.01	13.73	14.33		0
	1	49	14.00	13.74	14.30		0
	25	0	13.84	13.70	13.81	0-2	0
	25	12	13.87	13.77	13.90		0
	25	25	13.89	13.81	13.96		0
	50	0	13.78	13.65	13.79		0
64QAM	1	0	13.97	13.47	13.62	0-2	0
	1	25	13.98	13.56	13.73		0
	1	49	13.92	13.63	13.78		0
	25	0	13.84	13.72	13.79	0-3	0
	25	12	13.86	13.75	13.88		0
	25	25	13.82	13.82	13.97		0
	50	0	13.80	13.67	13.79		0
256QAM	1	0	13.55	13.63	14.29	0-5	0
	1	25	13.41	13.75	14.38		0
	1	49	13.47	13.77	14.38		0
	25	0	13.85	13.69	13.84		0
	25	12	13.83	13.67	13.88		0
	25	25	13.84	13.78	13.96		0
	50	0	13.81	13.62	13.81		0

Table *I*-51
LTE Band 25 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.16	14.13	14.13	0	0
	1	12	14.20	14.18	14.16		0
	1	24	14.19	14.22	14.18		0
	12	0	14.23	14.13	14.24	0-1	0
	12	6	14.33	14.15	14.36		0
	12	13	14.35	14.30	14.35		0
	25	0	14.26	14.14	14.29		0
16QAM	1	0	13.80	14.02	13.85	0-1	0
	1	12	13.84	14.10	13.98		0
	1	24	13.82	14.06	13.99		0
	12	0	13.75	13.81	13.79	0-2	0
	12	6	13.78	13.88	13.86		0
	12	13	13.79	13.95	13.88		0
	25	0	13.82	13.62	13.90		0
64QAM	1	0	14.31	13.35	13.89	0-2	0
	1	12	14.28	13.48	13.87		0
	1	24	14.29	13.46	13.94		0
	12	0	13.84	13.69	13.78	0-3	0
	12	6	13.92	13.80	13.87		0
	12	13	13.95	13.84	13.94		0
	25	0	13.84	13.69	13.85		0
256QAM	1	0	13.82	13.76	13.83	0-5	0
	1	12	13.87	13.91	13.92		0
	1	24	13.88	13.86	13.82		0
	12	0	13.83	13.66	13.80		0
	12	6	13.88	13.81	13.87		0
	12	13	13.86	13.78	13.91		0
	25	0	13.77	13.65	13.84		0

Table *I*-52
LTE Band 25 Measured P_{limit} Ant 1 - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.06	13.96	14.07	0	0
	1	7	14.07	14.05	14.12		0
	1	14	14.19	14.17	14.22		0
	8	0	14.24	14.06	14.26	0-1	0
	8	4	14.33	14.13	14.32		0
	8	7	14.32	14.20	14.37		0
	15	0	14.28	14.12	14.27		0
16QAM	1	0	13.95	13.62	14.24	0-1	0
	1	7	13.93	13.72	14.32		0
	1	14	13.99	13.81	14.32		0
	8	0	13.77	13.64	13.86	0-2	0
	8	4	13.88	13.73	13.94		0
	8	7	13.87	13.75	13.98		0
	15	0	13.80	13.62	13.87		0
64QAM	1	0	13.92	13.40	13.65	0-2	0
	1	7	13.97	13.53	13.70		0
	1	14	13.98	13.64	13.73		0
	8	0	13.72	13.59	13.79	0-3	0
	8	4	13.81	13.70	13.88		0
	8	7	13.82	13.74	13.88		0
	15	0	13.81	13.77	13.80		0
256QAM	1	0	13.40	13.63	14.26	0-5	0
	1	7	13.47	13.88	14.33		0
	1	14	13.55	13.81	14.36		0
	8	0	13.80	13.50	13.84		0
	8	4	13.85	13.65	13.94		0
	8	7	13.89	13.62	13.93		0
	15	0	13.77	13.66	13.77		0

Table *I*-53
LTE Band 25 Measured P_{limit} Ant 1 - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.98	13.94	14.21	0	0
	1	2	14.08	14.09	14.32		0
	1	5	14.06	14.07	14.27		0
	3	0	14.11	13.94	14.15		0
	3	2	14.19	14.10	14.23		0
	3	3	14.12	14.06	14.18		0
	6	0	14.19	14.05	14.22	0-1	0
16QAM	1	0	13.81	13.54	13.85	0-1	0
	1	2	13.90	13.73	13.97		0
	1	5	13.93	13.75	13.96		0
	3	0	13.62	13.65	13.88		0
	3	2	13.69	13.80	14.02		0
	3	3	13.64	13.77	13.95		0
	6	0	13.61	13.59	13.85	0-2	0
64QAM	1	0	13.74	13.43	13.93	0-2	0
	1	2	13.84	13.59	14.06		0
	1	5	13.87	13.46	14.00		0
	3	0	13.90	13.73	13.95		0
	3	2	13.99	13.85	14.05		0
	3	3	13.94	13.82	14.02		0
	6	0	13.71	13.58	13.63	0-3	0
256QAM	1	0	13.30	13.61	13.72	0-5	0
	1	2	13.44	13.69	13.86		0
	1	5	13.38	13.70	13.75		0
	3	0	13.65	13.66	13.81		0
	3	2	13.74	13.71	13.88		0
	3	3	13.69	13.68	13.80		0
	6	0	13.74	13.55	13.82		0

Table *I*-54
LTE Band 25 Measured P_{limit} Ant 2b - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.54	13.57	13.40	0	0
	1	36	13.57	13.67	13.51		0
	1	74	13.45	13.58	13.44		0
	36	0	13.71	13.57	13.64	0-1	0
	36	18	13.75	13.66	13.65		0
	36	37	13.66	13.61	13.66		0
	75	0	13.65	13.58	13.63		0
16QAM	1	0	13.36	13.53	13.78	0-1	0
	1	36	13.46	13.66	13.86		0
	1	74	13.31	13.59	13.79		0
	36	0	13.34	13.28	13.29	0-2	0
	36	18	13.40	13.41	13.35		0
	36	37	13.32	13.33	13.35		0
	75	0	13.37	13.32	13.29		0
64QAM	1	0	13.38	13.58	13.76	0-2	0
	1	36	13.42	13.65	13.88		0
	1	74	13.31	13.59	13.80		0
	36	0	13.33	13.27	13.29	0-3	0
	36	18	13.36	13.36	13.36		0
	36	37	13.26	13.35	13.35		0
	75	0	13.36	13.28	13.32		0
256QAM	1	0	13.33	13.46	13.34	0-5	0
	1	36	13.54	13.55	13.55		0
	1	74	13.50	13.48	13.52		0
	36	0	13.35	13.37	13.40		0
	36	18	13.43	13.39	13.44		0
	36	37	13.44	13.46	13.47		0
	75	0	13.29	13.28	13.30		0

Table *I*-55
LTE Band 25 Measured P_{limit} Ant 2b - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.55	13.41	13.55	0	0
	1	25	13.54	13.36	13.54		0
	1	49	13.51	13.40	13.64		0
	25	0	13.70	13.54	13.60	0-1	0
	25	12	13.73	13.65	13.61		0
	25	25	13.70	13.64	13.67		0
	50	0	13.72	13.66	13.65		0
16QAM	1	0	13.41	13.60	13.76	0-1	0
	1	25	13.36	13.48	13.79		0
	1	49	13.32	13.45	13.76		0
	25	0	13.41	13.33	13.34	0-2	0
	25	12	13.42	13.47	13.39		0
	25	25	13.40	13.43	13.41		0
	50	0	13.38	13.28	13.27		0
64QAM	1	0	13.43	13.59	13.71	0-2	0
	1	25	13.33	13.52	13.79		0
	1	49	13.33	13.53	13.80		0
	25	0	13.44	13.31	13.33	0-3	0
	25	12	13.44	13.42	13.38		0
	25	25	13.42	13.41	13.45		0
	50	0	13.37	13.26	13.29		0
256QAM	1	0	13.51	13.44	13.72	0-5	0
	1	25	13.43	13.43	13.73		0
	1	49	13.40	13.52	13.76		0
	25	0	13.44	13.37	13.26		0
	25	12	13.52	13.48	13.28		0
	25	25	13.49	13.48	13.37		0
	50	0	13.44	13.41	13.27		0

Table *I*-56
LTE Band 25 Measured P_{limit} Ant 2b - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.68	13.46	13.45	0	0
	1	12	13.73	13.53	13.45		0
	1	24	13.69	13.56	13.50		0
	12	0	13.66	13.52	13.63	0-1	0
	12	6	13.72	13.64	13.64		0
	12	13	13.75	13.65	13.66		0
	25	0	13.70	13.61	13.62		0
16QAM	1	0	13.78	13.30	13.41	0-1	0
	1	12	13.73	13.35	13.42		0
	1	24	13.76	13.35	13.48		0
	12	0	13.53	13.16	13.29	0-2	0
	12	6	13.59	13.30	13.35		0
	12	13	13.60	13.34	13.39		0
	25	0	13.40	13.29	13.39		0
64QAM	1	0	13.78	13.26	13.40	0-2	0
	1	12	13.77	13.35	13.40		0
	1	24	13.74	13.32	13.40		0
	12	0	13.52	13.15	13.32	0-3	0
	12	6	13.63	13.31	13.34		0
	12	13	13.61	13.35	13.34		0
	25	0	13.35	13.31	13.38		0
256QAM	1	0	13.59	13.35	13.42	0-5	0
	1	12	13.62	13.38	13.45		0
	1	24	13.60	13.50	13.44		0
	12	0	13.47	13.37	13.38		0
	12	6	13.54	13.46	13.44		0
	12	13	13.53	13.48	13.50		0
	25	0	13.48	13.39	13.45		0

Table *I*-57
LTE Band 25 Measured P_{limit} Ant 2b - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.53	13.41	13.45	0	0
	1	7	13.53	13.51	13.51		0
	1	14	13.64	13.51	13.56		0
	8	0	13.66	13.54	13.57	0-1	0
	8	4	13.74	13.62	13.67		0
	8	7	13.68	13.60	13.70		0
	15	0	13.65	13.60	13.68		0
16QAM	1	0	13.39	13.40	13.81	0-1	0
	1	7	13.36	13.44	13.83		0
	1	14	13.45	13.50	13.86		0
	8	0	13.38	13.32	13.37	0-2	0
	8	4	13.42	13.39	13.46		0
	8	7	13.48	13.34	13.48		0
	15	0	13.32	13.37	13.38		0
64QAM	1	0	13.36	13.43	13.75	0-2	0
	1	7	13.40	13.44	13.78		0
	1	14	13.44	13.52	13.80		0
	8	0	13.37	13.27	13.37	0-3	0
	8	4	13.46	13.36	13.45		0
	8	7	13.43	13.38	13.46		0
	15	0	13.32	13.37	13.35		0
256QAM	1	0	13.45	13.03	13.86	0-5	0
	1	7	13.58	13.05	13.91		0
	1	14	13.57	13.14	13.95		0
	8	0	13.31	13.39	13.43		0
	8	4	13.39	13.46	13.49		0
	8	7	13.37	13.43	13.53		0
	15	0	13.47	13.39	13.40		0

Table *I*-58
LTE Band 25 Measured P_{limit} Ant 2b - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.47	13.28	13.57	0	0
	1	2	13.56	13.40	13.63		0
	1	5	13.56	13.38	13.66		0
	3	0	13.56	13.42	13.46		0
	3	2	13.64	13.50	13.55		0
	3	3	13.61	13.44	13.47		0
	6	0	13.64	13.49	13.54	0-1	0
16QAM	1	0	13.28	13.32	13.33	0-1	0
	1	2	13.39	13.45	13.38		0
	1	5	13.39	13.44	13.38		0
	3	0	13.40	13.14	13.43		0
	3	2	13.51	13.22	13.53		0
	3	3	13.44	13.16	13.42		0
	6	0	13.32	13.14	13.30	0-2	0
64QAM	1	0	13.27	13.34	13.33	0-2	0
	1	2	13.38	13.42	13.43		0
	1	5	13.37	13.41	13.47		0
	3	0	13.39	13.13	13.35		0
	3	2	13.49	13.19	13.53		0
	3	3	13.44	13.16	13.41		0
	6	0	13.25	13.14	13.30	0-3	0
256QAM	1	0	13.34	13.04	13.32	0-5	0
	1	2	13.38	13.10	13.42		0
	1	5	13.45	13.09	13.39		0
	3	0	13.41	13.26	13.39		0
	3	2	13.46	13.31	13.43		0
	3	3	13.40	13.27	13.38		0
	6	0	13.28	13.34	13.40		0

Table *I*-59
LTE Band 25 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.14	15.21	14.96	0	0
	1	36	15.13	15.24	15.07		0
	1	74	15.01	15.11	14.97		0
	36	0	15.42	15.21	15.20	0-1	0
	36	18	15.43	15.27	15.24		0
	36	37	15.34	15.20	15.25		0
	75	0	15.36	15.24	15.20		0
16QAM	1	0	15.33	15.04	15.37	0-1	0
	1	36	15.38	15.06	15.37		0
	1	74	15.29	14.94	15.27		0
	36	0	15.52	15.18	15.23	0-2	0
	36	18	15.53	15.26	15.23		0
	36	37	15.47	15.19	15.24		0
	75	0	15.39	15.24	15.23		0
64QAM	1	0	15.28	15.37	15.56	0-2	0
	1	36	15.31	15.46	15.60		0
	1	74	15.19	15.34	15.57		0
	36	0	15.46	15.26	15.28	0-3	0
	36	18	15.49	15.36	15.27		0
	36	37	15.38	15.29	15.28		0
	75	0	15.40	15.27	15.23		0
256QAM	1	0	15.64	15.29	15.13	0-5	0
	1	36	15.65	15.42	15.18		0
	1	74	15.64	15.28	15.19		0
	36	0	15.50	15.23	15.26		0
	36	18	15.47	15.33	15.27		0
	36	37	15.36	15.23	15.31		0
	75	0	15.44	15.23	15.18		0

Table *I*-60
LTE Band 25 Measured P_{limit} Ant 3 - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.36	14.99	15.07	0	0
	1	25	15.24	15.02	15.05		0
	1	49	15.28	14.95	15.18		0
	25	0	15.44	15.16	15.17	0-1	0
	25	12	15.45	15.29	15.20		0
	25	25	15.40	15.24	15.29		0
	50	0	15.42	15.27	15.22		0
16QAM	1	0	15.25	15.35	15.68	0-1	0
	1	25	15.17	15.35	15.67		0
	1	49	15.20	15.30	15.65		0
	25	0	15.50	15.20	15.27	0-2	0
	25	12	15.52	15.33	15.24		0
	25	25	15.49	15.29	15.30		0
	50	0	15.51	15.37	15.30		0
64QAM	1	0	15.39	15.40	15.56	0-2	0
	1	25	15.35	15.49	15.60		0
	1	49	15.23	15.42	15.69		0
	25	0	15.44	15.14	15.14	0-3	0
	25	12	15.53	15.29	15.15		0
	25	25	15.46	15.23	15.23		0
	50	0	15.39	15.25	15.21		0
256QAM	1	0	15.69	15.14	15.08	0-5	0
	1	25	15.65	15.21	15.00		0
	1	49	15.64	15.18	15.01		0
	25	0	15.29	15.11	15.02		0
	25	12	15.23	15.16	15.06		0
	25	25	15.26	15.18	15.11		0
	50	0	15.28	15.02	15.04		0

Table *I*-61
LTE Band 25 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.23	15.12	15.07	0	0
	1	12	15.20	15.13	15.12		0
	1	24	15.20	15.21	15.12		0
	12	0	15.36	15.15	15.25	0-1	0
	12	6	15.37	15.27	15.31		0
	12	13	15.44	15.30	15.26		0
	25	0	15.38	15.25	15.24		0
16QAM	1	0	15.15	15.38	15.25	0-1	0
	1	12	15.11	15.42	15.27		0
	1	24	15.16	15.49	15.31		0
	12	0	15.26	15.08	15.22	0-2	0
	12	6	15.34	15.20	15.28		0
	12	13	15.33	15.22	15.28		0
	25	0	15.33	15.10	15.07		0
64QAM	1	0	15.61	15.29	15.29	0-2	0
	1	12	15.61	15.28	15.24		0
	1	24	15.66	15.29	15.33		0
	12	0	15.26	15.03	15.09	0-3	0
	12	6	15.29	15.18	15.17		0
	12	13	15.30	15.17	15.17		0
	25	0	15.14	15.00	15.12		0
256QAM	1	0	15.60	15.61	15.47	0-5	0
	1	12	15.48	15.65	15.54		0
	1	24	15.52	15.68	15.57		0
	12	0	15.22	14.99	15.02		0
	12	6	15.24	15.12	15.10		0
	12	13	15.23	15.12	15.10		0
	25	0	15.27	15.12	15.09		0

Table *I*-62
LTE Band 25 Measured P_{limit} Ant 3 - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.30	14.96	14.93	0	0
	1	7	15.38	14.97	15.01		0
	1	14	15.39	15.05	15.10		0
	8	0	15.41	15.16	15.19	0-1	0
	8	4	15.49	15.24	15.29		0
	8	7	15.47	15.25	15.27		0
	15	0	15.44	15.23	15.21		0
16QAM	1	0	15.20	15.35	15.51	0-1	0
	1	7	15.22	15.32	15.60		0
	1	14	15.29	15.39	15.59		0
	8	0	15.47	15.26	15.13	0-2	0
	8	4	15.54	15.37	15.22		0
	8	7	15.54	15.39	15.22		0
	15	0	15.42	15.30	15.34		0
64QAM	1	0	15.13	15.35	15.52	0-2	0
	1	7	15.24	15.41	15.63		0
	1	14	15.28	15.42	15.61		0
	8	0	15.28	15.29	15.16	0-3	0
	8	4	15.36	15.36	15.27		0
	8	7	15.32	15.35	15.28		0
	15	0	15.41	15.24	15.19		0
256QAM	1	0	15.42	15.23	15.09	0-5	0
	1	7	15.47	15.37	15.12		0
	1	14	15.51	15.33	15.22		0
	8	0	15.39	15.21	15.23		0
	8	4	15.45	15.27	15.32		0
	8	7	15.45	15.25	15.32		0
	15	0	15.30	15.09	15.27		0

Table *I*-63
LTE Band 25 Measured P_{limit} Ant 3 - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	15.53	15.40	15.46	0	0
	1	2	15.62	15.41	15.42		0
	1	5	15.60	15.43	15.48		0
	3	0	15.59	15.38	15.47		0
	3	2	15.64	15.40	15.44		0
	3	3	15.60	15.39	15.41		0
	6	0	15.61	15.41	15.40	0-1	0
16QAM	1	0	15.54	15.40	15.41	0-1	0
	1	2	15.53	15.40	15.44		0
	1	5	15.54	15.42	15.47		0
	3	0	15.55	15.40	15.44		0
	3	2	15.53	15.41	15.47		0
	3	3	15.53	15.41	15.44		0
	6	0	15.52	15.40	15.45	0-2	0
64QAM	1	0	15.54	15.41	15.46	0-2	0
	1	2	15.54	15.40	15.48		0
	1	5	15.54	15.39	15.43		0
	3	0	15.52	15.41	15.46		0
	3	2	15.54	15.42	15.41		0
	3	3	15.53	15.41	15.48		0
	6	0	15.54	15.37	15.48	0-3	0
256QAM	1	0	15.40	15.43	15.23	0-5	0
	1	2	15.52	15.55	15.41		0
	1	5	15.45	15.55	15.36		0
	3	0	15.25	14.90	15.08		0
	3	2	15.34	14.96	15.18		0
	3	3	15.29	14.90	15.15		0
	6	0	15.22	15.27	15.10		0

Table *I*-64
LTE Band 25 Measured P_{limit} Ant 4b - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26115 (1857.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26615 (1907.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.57	11.70	11.65	0	0
	1	36	11.62	11.78	11.72		0
	1	74	11.54	11.72	11.63		0
	36	0	11.70	11.70	11.83	0-1	0
	36	18	11.78	11.72	11.84		0
	36	37	11.72	11.75	11.88		0
	75	0	11.75	11.69	11.78		0
16QAM	1	0	11.44	11.75	12.01	0-1	0
	1	36	11.45	11.86	12.02		0
	1	74	11.37	11.80	12.06		0
	36	0	11.73	11.79	11.84	0-2	0
	36	18	11.80	11.81	11.87		0
	36	37	11.72	11.79	11.88		0
	75	0	11.79	11.65	11.83		0
64QAM	1	0	11.20	11.75	11.99	0-2	0
	1	36	11.29	11.96	12.01		0
	1	74	11.16	11.90	12.05		0
	36	0	11.52	11.43	11.65	0-3	0
	36	18	11.54	11.45	11.65		0
	36	37	11.51	11.50	11.69		0
	75	0	11.49	11.48	11.48		0
256QAM	1	0	11.60	11.02	11.69	0-5	0
	1	36	11.72	11.20	11.85		0
	1	74	11.64	11.12	11.77		0
	36	0	11.22	11.19	11.38		0
	36	18	11.30	11.21	11.40		0
	36	37	11.23	11.21	11.43		0
	75	0	11.23	11.20	11.34		0

Table *I*-65
LTE Band 25 Measured P_{limit} Ant 4b - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26090 (1855.0 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26640 (1910.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.57	11.48	11.73	0	0
	1	25	11.55	11.53	11.69		0
	1	49	11.50	11.55	11.70		0
	25	0	11.75	11.64	11.79	0-1	0
	25	12	11.73	11.69	11.77		0
	25	25	11.72	11.77	11.86		0
	50	0	11.76	11.71	11.82		0
16QAM	1	0	11.36	11.85	11.99	0-1	0
	1	25	11.38	11.81	12.01		0
	1	49	11.27	11.83	12.05		0
	25	0	11.72	11.69	11.82	0-2	0
	25	12	11.78	11.68	11.78		0
	25	25	11.75	11.78	11.90		0
	50	0	11.73	11.67	11.81		0
64QAM	1	0	11.20	11.27	11.94	0-2	0
	1	25	11.11	11.46	12.01		0
	1	49	11.17	11.35	11.99		0
	25	0	11.51	11.52	11.53	0-3	0
	25	12	11.57	11.56	11.55		0
	25	25	11.53	11.62	11.61		0
	50	0	11.50	11.44	11.48		0
256QAM	1	0	11.70	11.23	11.77	0-5	0
	1	25	11.72	11.31	11.84		0
	1	49	11.64	11.29	11.86		0
	25	0	11.30	11.15	11.37		0
	25	12	11.31	11.22	11.38		0
	25	25	11.29	11.33	11.45		0
	50	0	11.27	11.22	11.28		0

Table *I*-66
LTE Band 25 Measured P_{limit} Ant 4b - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26065 (1852.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26665 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.72	11.59	11.67	0	0
	1	12	11.72	11.66	11.62		0
	1	24	11.71	11.70	11.68		0
	12	0	11.69	11.67	11.78	0-1	0
	12	6	11.77	11.76	11.85		0
	12	13	11.75	11.80	11.86		0
	25	0	11.74	11.77	11.83		0
16QAM	1	0	11.90	11.64	11.86	0-1	0
	1	12	11.93	11.70	11.90		0
	1	24	11.91	11.71	11.92		0
	12	0	11.74	11.64	11.79	0-2	0
	12	6	11.81	11.79	11.87		0
	12	13	11.78	11.82	11.90		0
	25	0	11.71	11.76	11.88		0
64QAM	1	0	11.57	11.66	11.59	0-2	0
	1	12	11.59	11.73	11.63		0
	1	24	11.54	11.78	11.66		0
	12	0	11.43	11.38	11.47	0-3	0
	12	6	11.51	11.55	11.52		0
	12	13	11.49	11.53	11.60		0
	25	0	11.50	11.43	11.55		0
256QAM	1	0	11.40	11.49	11.57	0-5	0
	1	12	11.41	11.64	11.61		0
	1	24	11.39	11.61	11.51		0
	12	0	11.26	11.17	11.31		0
	12	6	11.31	11.34	11.42		0
	12	13	11.31	11.31	11.46		0
	25	0	11.29	11.18	11.39		0

Table *I*-67
LTE Band 25 Measured P_{limit} Ant 4b - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26055 (1851.5 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26675 (1913.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.53	11.43	11.63	0	0
	1	7	11.53	11.57	11.67		0
	1	14	11.63	11.64	11.75		0
	8	0	11.72	11.58	11.78	0-1	0
	8	4	11.76	11.75	11.82		0
	8	7	11.72	11.75	11.80		0
	15	0	11.74	11.71	11.82		0
16QAM	1	0	11.42	11.72	11.92	0-1	0
	1	7	11.39	11.77	12.02		0
	1	14	11.45	11.91	11.93		0
	8	0	11.55	11.51	11.82	0-2	0
	8	4	11.65	11.61	11.92		0
	8	7	11.61	11.66	11.95		0
	15	0	11.73	11.75	11.91		0
64QAM	1	0	11.20	11.32	12.06	0-2	0
	1	7	11.25	11.39	11.98		0
	1	14	11.27	11.47	12.02		0
	8	0	11.53	11.34	11.55	0-3	0
	8	4	11.59	11.46	11.67		0
	8	7	11.55	11.49	11.70		0
	15	0	11.56	11.52	11.55		0
256QAM	1	0	11.68	11.16	11.76	0-5	0
	1	7	11.64	11.24	11.84		0
	1	14	11.73	11.35	11.86		0
	8	0	11.14	11.13	11.31		0
	8	4	11.25	11.21	11.46		0
	8	7	11.20	11.29	11.47		0
	15	0	11.29	11.33	11.35		0

Table *I*-68
LTE Band 25 Measured P_{limit} Ant 4b - 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 26047 (1850.7 MHz)	Mid Channel 26365 (1882.5 MHz)	High Channel 26683 (1914.3 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.51	11.46	11.75	0	0
	1	2	11.61	11.53	11.85		0
	1	5	11.60	11.49	11.82		0
	3	0	11.53	11.57	11.68		0
	3	2	11.67	11.64	11.73		0
	3	3	11.65	11.59	11.74		0
	6	0	11.67	11.63	11.75	0-1	0
16QAM	1	0	11.32	11.70	11.81	0-1	0
	1	2	11.41	11.83	11.86		0
	1	5	11.42	11.79	11.90		0
	3	0	11.68	11.65	11.79		0
	3	2	11.80	11.75	11.84		0
	3	3	11.80	11.69	11.87		0
	6	0	11.60	11.63	11.68	0-2	0
64QAM	1	0	11.13	11.26	11.80	0-2	0
	1	2	11.27	11.39	11.96		0
	1	5	11.21	11.44	11.87		0
	3	0	11.47	11.28	11.47		0
	3	2	11.57	11.37	11.57		0
	3	3	11.52	11.33	11.48		0
	6	0	11.38	11.37	11.48	0-3	0
256QAM	1	0	11.57	11.15	11.20	0-5	0
	1	2	11.62	11.27	11.32		0
	1	5	11.67	11.25	11.24		0
	3	0	11.05	11.10	11.16		0
	3	2	11.15	11.13	11.28		0
	3	3	11.12	11.06	11.22		0
	6	0	11.26	11.31	11.40		0

I.1.9 LTE Band 30

Table *I*-69
LTE Band 30 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	13.72	0	0
	1	12	13.81		0
	1	24	13.85		0
	12	0	13.99	0-1	0
	12	6	14.04		0
	12	13	13.99		0
	25	0	14.01		0
16QAM	1	0	13.68	0-1	0
	1	12	13.82		0
	1	24	13.84		0
	12	0	13.69	0-2	0
	12	6	13.74		0
	12	13	13.77		0
	25	0	13.74		0
64QAM	1	0	13.69	0-2	0
	1	12	13.78		0
	1	24	13.84		0
	12	0	13.60	0-3	0
	12	6	13.74		0
	12	13	13.69		0
	25	0	13.73		0
256QAM	1	0	11.78	0-5	2
	1	12	11.86		2
	1	24	11.88		2
	12	0	11.79		2
	12	6	11.90		2
	12	13	11.83		2
	25	0	11.80		2

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.

Table *I*-70
LTE Band 30 Measured P_{limit} Ant 2b - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	11.06	0	0
	1	12	11.15		0
	1	24	11.21		0
	12	0	11.32	0-1	0
	12	6	11.36		0
	12	13	11.37		0
	25	0	11.35		0
16QAM	1	0	11.09	0-1	0
	1	12	11.11		0
	1	24	11.15		0
	12	0	11.07	0-2	0
	12	6	11.10		0
	12	13	11.05		0
	25	0	11.08		0
64QAM	1	0	11.07	0-2	0
	1	12	11.16		0
	1	24	11.19		0
	12	0	11.09	0-3	0
	12	6	11.18		0
	12	13	11.15		0
	25	0	11.06		0
256QAM	1	0	11.01	0-5	0
	1	12	11.12		0
	1	24	11.11		0
	12	0	11.06		0
	12	6	11.09		0
	12	13	11.13		0
	25	0	11.12		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.

Table *I*-71
LTE Band 30 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	17.81	0	0
	1	12	17.91		0
	1	24	17.90		0
	12	0	17.94	0-1	0
	12	6	17.98		0
	12	13	18.01		0
	25	0	17.97		0
16QAM	1	0	18.08	0-1	0
	1	12	18.15		0
	1	24	18.19		0
	12	0	17.81	0-2	0
	12	6	17.91		0
	12	13	17.91		0
	25	0	17.83		0
64QAM	1	0	17.78	0-2	0
	1	12	17.84		0
	1	24	17.91		0
	12	0	17.83	0-3	0
	12	6	17.92		0
	12	13	17.92		0
	25	0	17.83		0
256QAM	1	0	17.83	0-5	0
	1	12	17.93		0
	1	24	17.98		0
	12	0	17.44		0
	12	6	17.55		0
	12	13	17.56		0
	25	0	17.49		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.

Table *I*-72
LTE Band 30 Measured P_{limit} Ant 4b - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel 27710 (2310.0 MHz) Conducted Power [dBm]	MPR Allowed per 3GPP [dB]	MPR [dB]
QPSK	1	0	11.07	0	0
	1	12	11.14		0
	1	24	11.23		0
	12	0	11.30	0-1	0
	12	6	11.43		0
	12	13	11.38		0
	25	0	11.34		0
16QAM	1	0	11.46	0-1	0
	1	12	11.56		0
	1	24	11.61		0
	12	0	11.12	0-2	0
	12	6	11.16		0
	12	13	11.14		0
	25	0	11.01		0
64QAM	1	0	11.27	0-2	0
	1	12	11.33		0
	1	24	11.38		0
	12	0	11.03	0-3	0
	12	6	11.02		0
	12	13	11.06		0
	25	0	11.12		0
256QAM	1	0	11.41	0-5	0
	1	12	11.44		0
	1	24	11.54		0
	12	0	11.45		0
	12	6	11.46		0
	12	13	11.45		0
	25	0	11.36		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.

I.1.10 LTE Band 7

Table *I*-73
LTE Band 7 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.80	13.57	13.60	0	0
	1	36	13.83	13.62	13.68		0
	1	74	13.74	13.51	13.59		0
	36	0	13.83	13.74	13.71	0-1	0
	36	18	13.86	13.84	13.79		0
	36	37	13.79	13.77	13.76		0
	75	0	13.82	13.74	13.68		0
16QAM	1	0	13.60	13.76	13.88	0-1	0
	1	36	13.66	13.80	13.89		0
	1	74	13.56	13.73	13.85		0
	36	0	13.61	13.59	13.60	0-2	0
	36	18	13.65	13.73	13.61		0
	36	37	13.57	13.68	13.63		0
	75	0	13.69	13.56	13.61		0
64QAM	1	0	13.20	13.85	13.20	0-2	0
	1	36	13.32	13.98	13.26		0
	1	74	13.22	13.90	13.19		0
	36	0	13.50	13.43	13.41	0-3	0
	36	18	13.60	13.46	13.57		0
	36	37	13.54	13.41	13.52		0
	75	0	13.51	13.40	13.38		0
256QAM	1	0	13.55	13.77	13.33	0-5	0
	1	36	13.64	13.95	13.47		0
	1	74	13.64	13.86	13.40		0
	36	0	13.48	13.47	13.33		0
	36	18	13.53	13.48	13.43		0
	36	37	13.50	13.43	13.42		0
	75	0	13.50	13.45	13.45		0

Table *I*-74
LTE Band 7 Measured P_{limit} Ant 1 - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.60	13.56	13.61	0	0
	1	25	13.53	13.56	13.60		0
	1	49	13.59	13.49	13.56		0
	25	0	13.82	13.76	13.72	0-1	0
	25	12	13.85	13.82	13.70		0
	25	25	13.81	13.77	13.73		0
	50	0	13.81	13.82	13.71		0
16QAM	1	0	13.75	13.85	14.00	0-1	0
	1	25	13.71	13.80	14.02		0
	1	49	13.74	13.80	14.04		0
	25	0	13.84	13.78	13.71	0-2	0
	25	12	13.85	13.82	13.76		0
	25	25	13.83	13.80	13.78		0
	50	0	13.87	13.81	13.69		0
64QAM	1	0	13.52	13.75	13.50	0-2	0
	1	25	13.56	13.80	13.60		0
	1	49	13.53	13.78	13.52		0
	25	0	13.83	13.81	13.73	0-3	0
	25	12	13.84	13.80	13.74		0
	25	25	13.84	13.78	13.80		0
	50	0	13.78	13.74	13.64		0
256QAM	1	0	13.18	13.84	13.41	0-5	0
	1	25	13.13	13.85	13.37		0
	1	49	13.14	13.86	13.41		0
	25	0	13.50	13.47	13.31		0
	25	12	13.52	13.53	13.37		0
	25	25	13.54	13.48	13.41		0
	50	0	13.48	13.45	13.34		0

Table *I*-75
LTE Band 7 Measured P_{limit} Ant 1 - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	13.72	13.60	13.55	0	0
	1	12	13.70	13.63	13.54		0
	1	24	13.72	13.69	13.56		0
	12	0	13.83	13.83	13.76	0-1	0
	12	6	13.79	13.76	13.75		0
	12	13	13.79	13.77	13.73		0
	25	0	13.82	13.76	13.78		0
16QAM	1	0	13.85	13.84	13.90	0-1	0
	1	12	13.82	13.85	13.85		0
	1	24	13.83	13.87	13.86		0
	12	0	13.59	13.61	13.59	0-2	0
	12	6	13.56	13.57	13.60		0
	12	13	13.58	13.54	13.58		0
	25	0	13.58	13.54	13.60		0
64QAM	1	0	13.31	13.54	13.40	0-2	0
	1	12	13.30	13.55	13.37		0
	1	24	13.29	13.58	13.40		0
	12	0	13.55	13.60	13.51	0-3	0
	12	6	13.55	13.57	13.47		0
	12	13	13.61	13.59	13.50		0
	25	0	13.52	13.50	13.46		0
256QAM	1	0	13.85	13.66	13.70	0-5	0
	1	12	13.78	13.66	13.68		0
	1	24	13.84	13.79	13.65		0
	12	0	13.77	13.77	13.66		0
	12	6	13.76	13.71	13.69		0
	12	13	13.74	13.74	13.66		0
	25	0	13.71	13.66	13.66		0

Table *I*-76
LTE Band 7 Measured P_{limit} Ant 2b - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.80	11.61	11.63	0	0
	1	36	11.81	11.64	11.69		0
	1	74	11.66	11.51	11.56		0
	36	0	11.79	11.70	11.77	0-1	0
	36	18	11.84	11.81	11.83		0
	36	37	11.74	11.75	11.85		0
	75	0	11.76	11.73	11.79		0
16QAM	1	0	11.74	11.58	12.04	0-1	0
	1	36	11.83	11.62	12.10		0
	1	74	11.73	11.55	11.96		0
	36	0	11.56	11.37	11.53	0-2	0
	36	18	11.60	11.47	11.57		0
	36	37	11.50	11.40	11.57		0
	75	0	11.46	11.47	11.52		0
64QAM	1	0	12.00	11.32	11.37	0-2	0
	1	36	12.13	11.34	11.46		0
	1	74	11.98	11.23	11.37		0
	36	0	11.57	11.57	11.66	0-3	0
	36	18	11.57	11.62	11.69		0
	36	37	11.53	11.56	11.69		0
	75	0	11.55	11.54	11.52		0
256QAM	1	0	11.62	11.44	12.03	0-5	0
	1	36	11.76	11.57	12.15		0
	1	74	11.61	11.49	12.01		0
	36	0	11.56	11.45	11.62		0
	36	18	11.63	11.49	11.60		0
	36	37	11.57	11.45	11.60		0
	75	0	11.55	11.52	11.57		0

Table *I*-77
LTE Band 7 Measured P_{limit} Ant 2b - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.59	11.57	11.67	0	0
	1	25	11.54	11.45	11.67		0
	1	49	11.50	11.49	11.61		0
	25	0	11.82	11.78	11.81	0-1	0
	25	12	11.88	11.77	11.80		0
	25	25	11.78	11.74	11.82		0
	50	0	11.84	11.76	11.80		0
16QAM	1	0	11.76	11.57	12.00	0-1	0
	1	25	11.70	11.56	11.98		0
	1	49	11.66	11.55	11.92		0
	25	0	11.66	11.57	11.62	0-2	0
	25	12	11.67	11.53	11.66		0
	25	25	11.63	11.52	11.62		0
	50	0	11.48	11.50	11.51		0
64QAM	1	0	11.72	11.26	11.40	0-2	0
	1	25	11.69	11.26	11.42		0
	1	49	11.62	11.31	11.42		0
	25	0	11.67	11.62	11.64	0-3	0
	25	12	11.66	11.63	11.66		0
	25	25	11.66	11.57	11.70		0
	50	0	11.53	11.57	11.50		0
256QAM	1	0	11.40	11.44	12.12	0-5	0
	1	25	11.36	11.46	12.05		0
	1	49	11.39	11.47	12.10		0
	25	0	11.64	11.54	11.64		0
	25	12	11.66	11.53	11.62		0
	25	25	11.57	11.45	11.61		0
	50	0	11.58	11.49	11.55		0

Table *I*-78
LTE Band 7 Measured P_{limit} Ant 2b - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.68	11.61	11.65	0	0
	1	12	11.63	11.64	11.60		0
	1	24	11.69	11.68	11.59		0
	12	0	11.82	11.78	11.85	0-1	0
	12	6	11.82	11.71	11.84		0
	12	13	11.79	11.73	11.83		0
	25	0	11.78	11.75	11.84		0
16QAM	1	0	11.59	11.76	11.71	0-1	0
	1	12	11.53	11.80	11.62		0
	1	24	11.50	11.78	11.63		0
	12	0	11.50	11.67	11.58	0-2	0
	12	6	11.49	11.68	11.58		0
	12	13	11.52	11.67	11.60		0
	25	0	11.55	11.45	11.62		0
64QAM	1	0	11.99	11.23	11.61	0-2	0
	1	12	11.93	11.22	11.59		0
	1	24	11.99	11.20	11.63		0
	12	0	11.68	11.56	11.67	0-3	0
	12	6	11.65	11.57	11.64		0
	12	13	11.67	11.55	11.61		0
	25	0	11.58	11.54	11.61		0
256QAM	1	0	11.63	11.60	11.64	0-5	0
	1	12	11.59	11.60	11.57		0
	1	24	11.66	11.61	11.58		0
	12	0	11.64	11.58	11.61		0
	12	6	11.62	11.51	11.58		0
	12	13	11.60	11.56	11.57		0
	25	0	11.53	11.51	11.59		0

Table *I*-79
LTE Band 7 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.64	14.73	14.36	0	0
	1	36	14.64	14.72	14.37		0
	1	74	14.51	14.69	14.21		0
	36	0	14.62	14.70	14.49	0-1	0
	36	18	14.67	14.72	14.57		0
	36	37	14.60	14.71	14.50		0
	75	0	14.61	14.70	14.45		0
16QAM	1	0	14.68	14.41	14.84	0-1	0
	1	36	14.71	14.39	14.82		0
	1	74	14.63	14.40	14.70		0
	36	0	14.45	14.40	14.26	0-2	0
	36	18	14.51	14.40	14.40		0
	36	37	14.41	14.40	14.28		0
	75	0	14.40	14.39	14.23		0
64QAM	1	0	14.88	14.40	14.37	0-2	0
	1	36	14.97	14.40	14.35		0
	1	74	14.91	14.39	14.23		0
	36	0	14.49	14.40	14.37	0-3	0
	36	18	14.49	14.40	14.43		0
	36	37	14.42	14.40	14.38		0
	75	0	14.43	14.40	14.24		0
256QAM	1	0	14.54	14.33	14.75	0-5	0
	1	36	14.65	14.47	14.86		0
	1	74	14.57	14.36	14.70		0
	36	0	14.51	14.37	14.30		0
	36	18	14.51	14.46	14.39		0
	36	37	14.44	14.32	14.32		0
	75	0	14.45	14.43	14.29		0

Table *I*-80
LTE Band 7 Measured P_{limit} Ant 3 - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.09	14.40	14.09	0	0
	1	25	13.98	14.40	14.00		0
	1	49	14.05	14.41	14.08		0
	25	0	14.37	14.41	14.17	0-1	0
	25	12	14.38	14.41	14.10		0
	25	25	14.33	14.42	14.11		0
	50	0	14.37	14.41	14.09		0
16QAM	1	0	14.60	14.41	14.70	0-1	0
	1	25	14.56	14.42	14.66		0
	1	49	14.52	14.39	14.58		0
	25	0	14.51	14.42	14.30	0-2	0
	25	12	14.54	14.39	14.29		0
	25	25	14.51	14.42	14.31		0
	50	0	14.35	14.41	14.20		0
64QAM	1	0	14.51	14.42	14.30	0-2	0
	1	25	14.48	14.42	14.29		0
	1	49	14.47	14.42	14.32		0
	25	0	14.47	14.40	14.27	0-3	0
	25	12	14.54	14.41	14.30		0
	25	25	14.49	14.41	14.32		0
	50	0	14.38	14.42	14.16		0
256QAM	1	0	14.14	14.38	14.83	0-5	0
	1	25	14.06	14.36	14.70		0
	1	49	14.07	14.35	14.71		0
	25	0	14.44	14.36	14.27		0
	25	12	14.46	14.44	14.32		0
	25	25	14.43	14.36	14.32		0
	50	0	14.42	14.38	14.22		0

Table *I*-81
LTE Band 7 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	14.51	14.32	14.31	0	0
	1	12	14.52	14.30	14.35		0
	1	24	14.56	14.31	14.34		0
	12	0	14.57	14.00	14.37	0-1	0
	12	6	14.52	14.31	14.37		0
	12	13	14.56	14.29	14.38		0
	25	0	14.56	14.31	14.33		0
16QAM	1	0	14.57	14.31	14.37	0-1	0
	1	12	14.54	14.30	14.37		0
	1	24	14.57	14.29	14.35		0
	12	0	14.53	14.33	14.37	0-2	0
	12	6	14.55	14.31	14.38		0
	12	13	14.55	14.31	14.39		0
	25	0	14.55	14.32	14.38		0
64QAM	1	0	14.58	14.31	14.36	0-2	0
	1	12	14.55	14.29	14.33		0
	1	24	14.55	14.28	14.38		0
	12	0	14.57	14.29	14.37	0-3	0
	12	6	14.53	14.30	14.32		0
	12	13	14.56	14.29	14.37		0
	25	0	14.57	14.28	14.37		0
256QAM	1	0	14.44	14.51	14.29	0-5	0
	1	12	14.39	14.49	14.22		0
	1	24	14.51	14.45	14.24		0
	12	0	14.45	14.45	14.24		0
	12	6	14.42	14.43	14.29		0
	12	13	14.43	14.42	14.23		0
	25	0	14.35	14.35	14.25		0

Table *I*-82
LTE Band 7 Measured P_{limit} Ant 4b - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20825 (2507.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21375 (2562.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.41	11.44	11.17	0	0
	1	36	11.39	11.45	11.24		0
	1	74	11.28	11.41	11.18		0
	36	0	11.62	11.52	11.37	0-1	0
	36	18	11.66	11.56	11.43		0
	36	37	11.61	11.50	11.43		0
	75	0	11.60	11.48	11.38		0
16QAM	1	0	11.40	11.45	11.06	0-1	0
	1	36	11.44	11.47	11.11		0
	1	74	11.33	11.35	11.05		0
	36	0	11.27	11.31	11.16	0-2	0
	36	18	11.31	11.32	11.19		0
	36	37	11.26	11.26	11.19		0
	75	0	11.30	11.22	11.07		0
64QAM	1	0	11.68	11.09	11.29	0-2	0
	1	36	11.68	11.14	11.39		0
	1	74	11.65	11.04	11.30		0
	36	0	11.37	11.29	11.15	0-3	0
	36	18	11.41	11.31	11.17		0
	36	37	11.39	11.24	11.19		0
	75	0	11.34	11.21	11.12		0
256QAM	1	0	11.45	11.13	11.42	0-5	0
	1	36	11.49	11.21	11.51		0
	1	74	11.41	11.14	11.48		0
	36	0	11.40	11.30	11.16		0
	36	18	11.41	11.33	11.21		0
	36	37	11.39	11.23	11.18		0
	75	0	11.37	11.28	11.16		0

Table *I*-83
LTE Band 7 Measured P_{limit} Ant 4b - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20800 (2505.0 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21400 (2565.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.54	11.25	11.25	0	0
	1	25	11.50	11.14	11.19		0
	1	49	11.47	11.18	11.24		0
	25	0	11.65	11.54	11.42	0-1	0
	25	12	11.65	11.50	11.42		0
	25	25	11.61	11.51	11.47		0
	50	0	11.63	11.48	11.37		0
16QAM	1	0	11.52	11.23	11.26	0-1	0
	1	25	11.50	11.13	11.20		0
	1	49	11.52	11.16	11.18		0
	25	0	11.44	11.30	11.15	0-2	0
	25	12	11.42	11.35	11.18		0
	25	25	11.43	11.27	11.19		0
	50	0	11.36	11.23	11.12		0
64QAM	1	0	11.20	11.33	11.46	0-2	0
	1	25	11.21	11.30	11.47		0
	1	49	11.10	11.32	11.52		0
	25	0	11.38	11.30	11.04	0-3	0
	25	12	11.36	11.28	11.05		0
	25	25	11.37	11.26	11.13		0
	50	0	11.30	11.19	11.11		0
256QAM	1	0	11.51	11.34	11.13	0-5	0
	1	25	11.45	11.27	11.15		0
	1	49	11.40	11.37	11.22		0
	25	0	11.36	11.26	11.20		0
	25	12	11.40	11.24	11.20		0
	25	25	11.37	11.30	11.25		0
	50	0	11.37	11.23	11.14		0

Table *I*-84
LTE Band 7 Measured P_{limit} Ant 4b - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel 20775 (2502.5 MHz)	Mid Channel 21100 (2535.0 MHz)	High Channel 21425 (2567.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
QPSK	1	0	11.45	11.44	11.29	0	0
	1	12	11.40	11.43	11.28		0
	1	24	11.41	11.43	11.26		0
	12	0	11.59	11.48	11.47	0-1	0
	12	6	11.60	11.50	11.46		0
	12	13	11.60	11.50	11.44		0
	25	0	11.59	11.53	11.44		0
16QAM	1	0	11.40	11.63	11.33	0-1	0
	1	12	11.40	11.62	11.29		0
	1	24	11.33	11.66	11.31		0
	12	0	11.37	11.22	11.20	0-2	0
	12	6	11.36	11.18	11.17		0
	12	13	11.38	11.17	11.17		0
	25	0	11.32	11.18	11.29		0
64QAM	1	0	11.49	11.59	11.36	0-2	0
	1	12	11.56	11.58	11.35		0
	1	24	11.53	11.62	11.36		0
	12	0	11.40	11.30	11.21	0-3	0
	12	6	11.43	11.32	11.21		0
	12	13	11.42	11.32	11.23		0
	25	0	11.27	11.13	11.18		0
256QAM	1	0	11.52	11.66	11.31	0-5	0
	1	12	11.49	11.58	11.25		0
	1	24	11.59	11.65	11.29		0
	12	0	11.10	11.07	10.97		0
	12	6	11.11	11.06	10.97		0
	12	13	11.10	11.07	11.00		0
	25	0	11.12	11.10	10.97		0

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Table *I*-85
LTE Band 41 PC3 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	17.29	17.33	17.34	17.40	17.43	0	0
	1	36	17.30	17.34	17.33	17.37	17.42		0
	1	74	17.26	17.35	17.31	17.39	17.40		0
	36	0	17.42	17.37	17.40	17.46	17.45	0-1	0
	36	18	17.40	17.43	17.48	17.45	17.50		0
	36	37	17.39	17.42	17.45	17.49	17.48		0
	75	0	17.36	17.39	17.45	17.40	17.45		0
16QAM	1	0	17.26	17.40	17.46	17.46	17.49	0-1	0
	1	36	17.27	17.42	17.43	17.49	17.52		0
	1	74	17.26	17.41	17.43	17.53	17.47		0
	36	0	17.45	17.40	17.42	17.51	17.42	0-2	0
	36	18	17.45	17.48	17.54	17.48	17.54		0
	36	37	17.41	17.41	17.48	17.53	17.49		0
	75	0	17.39	17.37	17.46	17.43	17.50		0
64QAM	1	0	17.28	17.35	17.35	17.36	17.40	0-2	0
	1	36	17.27	17.39	17.31	17.33	17.42		0
	1	74	17.26	17.37	17.32	17.33	17.43		0
	36	0	17.23	17.21	17.15	17.23	17.20	0-3	1
	36	18	17.22	17.28	17.25	17.24	17.26		1
	36	37	17.13	17.22	17.20	17.30	17.25		1
	75	0	17.23	17.22	17.27	17.20	17.32		1
256QAM	1	0	15.23	14.71	15.28	15.20	15.25	0-5	3
	1	36	15.24	14.78	15.29	15.16	15.35		3
	1	74	15.21	14.77	15.27	15.22	15.38		3
	36	0	15.17	15.12	15.16	15.13	15.16		3
	36	18	15.14	15.18	15.24	15.13	15.25		3
	36	37	15.13	15.13	15.14	15.17	15.22		3
	75	0	15.12	15.18	15.21	15.13	15.21		3

Table *I*-86
LTE Band 41 PC3 Measured P_{limit} Ant 1 - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	17.27	17.19	17.33	17.32	17.33	0	0
	1	25	17.26	17.29	17.33	17.36	17.36		0
	1	49	17.24	17.30	17.30	17.35	17.34		0
	25	0	17.26	17.28	17.27	17.29	17.31	0-1	0
	25	12	17.24	17.29	17.31	17.31	17.35		0
	25	25	17.25	17.30	17.25	17.30	17.39		0
	50	0	17.22	17.29	17.26	17.28	17.38		0
16QAM	1	0	17.25	17.31	17.21	17.37	17.39	0-1	0
	1	25	17.26	17.29	17.25	17.37	17.33		0
	1	49	17.25	17.27	17.20	17.34	17.32		0
	25	0	17.27	17.26	17.36	17.33	17.31	0-2	0
	25	12	17.29	17.33	17.38	17.33	17.36		0
	25	25	17.29	17.26	17.32	17.35	17.34		0
	50	0	17.29	17.28	17.33	17.27	17.37		0
64QAM	1	0	17.30	17.33	17.23	17.46	17.36	0-2	0
	1	25	17.34	17.42	17.34	17.44	17.39		0
	1	49	17.42	17.36	17.30	17.47	17.31		0
	25	0	17.21	17.14	17.12	17.18	17.16	0-3	1
	25	12	17.20	17.19	17.16	17.17	17.26		1
	25	25	17.21	17.13	17.11	17.20	17.19		1
	50	0	17.21	17.16	17.14	17.12	17.30		1
256QAM	1	0	15.01	14.94	15.08	15.21	15.19	0-5	3
	1	25	15.06	14.96	15.17	15.25	15.11		3
	1	49	15.05	14.96	15.18	15.22	15.19		3
	25	0	15.14	15.12	15.13	15.18	15.26		3
	25	12	15.15	15.16	15.10	15.25	15.28		3
	25	25	15.13	15.14	15.14	15.25	15.27		3
	50	0	15.12	15.17	15.15	15.26	15.29		3

Table *I*-87
LTE Band 41 PC3 Measured P_{limit} Ant 1 - 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	17.37	17.16	17.40	17.26	17.42	0	0
	1	12	17.29	17.19	17.32	17.35	17.46		0
	1	24	17.31	17.19	17.43	17.26	17.46		0
	12	0	17.34	17.22	17.45	17.36	17.38	0-1	0
	12	6	17.35	17.22	17.39	17.37	17.41		0
	12	13	17.33	17.16	17.39	17.39	17.37		0
	25	0	17.30	17.20	17.41	17.35	17.42		0
16QAM	1	0	17.32	17.41	17.35	17.53	17.35	0-1	0
	1	12	17.21	17.28	17.34	17.59	17.36		0
	1	24	17.31	17.37	17.32	17.53	17.40		0
	12	0	17.36	17.29	17.32	17.40	17.40	0-2	0
	12	6	17.38	17.30	17.36	17.43	17.45		0
	12	13	17.37	17.27	17.32	17.43	17.41		0
	25	0	17.30	17.19	17.38	17.35	17.36		0
64QAM	1	0	17.49	17.03	17.39	17.36	17.49	0-2	0
	1	12	17.39	17.05	17.34	17.42	17.49		0
	1	24	17.41	17.01	17.41	17.39	17.49		0
	12	0	17.10	17.00	17.25	17.19	17.07	0-3	1
	12	6	17.05	16.96	17.24	17.20	17.14		1
	12	13	17.06	17.00	17.20	17.21	17.11		1
	25	0	17.00	16.98	17.29	17.09	17.01		1
256QAM	1	0	15.15	14.90	15.28	15.14	15.35	0-5	3
	1	12	15.10	14.93	15.27	15.15	15.30		3
	1	24	15.11	14.87	15.30	15.14	15.32		3
	12	0	15.01	15.00	15.19	14.99	14.88		3
	12	6	15.05	15.00	15.18	15.00	14.91		3
	12	13	15.09	14.98	15.16	15.02	14.94		3
	25	0	15.09	14.96	15.23	15.06	15.00		3

Table *I*-88
LTE Band 41 PC3 Measured P_{limit} Ant 2b - 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	12.44	12.53	12.38	12.38	12.40	0	0
	1	36	12.45	12.56	12.35	12.42	12.44		0
	1	74	12.35	12.53	12.36	12.46	12.44		0
	36	0	12.68	12.62	12.58	12.56	12.63	0-1	0
	36	18	12.76	12.71	12.62	12.62	12.63		0
	36	37	12.69	12.65	12.56	12.59	12.69		0
	75	0	12.68	12.67	12.59	12.59	12.59		0
16QAM	1	0	12.46	13.11	12.34	12.53	12.48	0-1	0
	1	36	12.52	13.12	12.40	12.58	12.51		0
	1	74	12.39	13.09	12.40	12.56	12.49		0
	36	0	12.71	12.70	12.57	12.54	12.71	0-2	0
	36	18	12.74	12.78	12.65	12.60	12.68		0
	36	37	12.69	12.69	12.62	12.58	12.71		0
	75	0	12.68	12.65	12.59	12.52	12.60		0
64QAM	1	0	12.46	12.31	12.08	12.95	12.24	0-2	0
	1	36	12.56	12.32	12.19	12.99	12.29		0
	1	74	12.45	12.23	12.20	12.99	12.36		0
	36	0	12.69	12.62	12.62	12.46	12.67	0-3	0
	36	18	12.76	12.69	12.66	12.56	12.68		0
	36	37	12.69	12.65	12.65	12.49	12.71		0
	75	0	12.73	12.68	12.62	12.62	12.67		0
256QAM	1	0	12.69	12.82	12.65	12.75	12.52	0-5	0
	1	36	12.67	12.91	12.53	12.82	12.49		0
	1	74	12.67	12.92	12.54	12.80	12.55		0
	36	0	12.74	12.75	12.63	12.53	12.58		0
	36	18	12.74	12.77	12.62	12.54	12.61		0
	36	37	12.70	12.73	12.59	12.60	12.62		0
	75	0	12.77	12.74	12.63	12.59	12.60		0

Table *I*-89
LTE Band 41 PC3 Measured P_{limit} Ant 2b - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	12.73	12.71	12.63	12.50	12.62	0	0
	1	25	12.68	12.66	12.54	12.52	12.62		0
	1	49	12.65	12.60	12.52	12.50	12.61		0
	25	0	12.73	12.65	12.64	12.57	12.62	0-1	0
	25	12	12.76	12.73	12.67	12.68	12.66		0
	25	25	12.77	12.70	12.63	12.63	12.64		0
	50	0	12.73	12.69	12.66	12.62	12.58		0
16QAM	1	0	12.47	13.19	12.35	12.74	12.42	0-1	0
	1	25	12.43	13.23	12.36	12.66	12.44		0
	1	49	12.41	13.23	12.27	12.71	12.40		0
	25	0	12.63	12.62	12.58	12.41	12.63	0-2	0
	25	12	12.70	12.71	12.59	12.58	12.61		0
	25	25	12.66	12.67	12.54	12.53	12.65		0
	50	0	12.67	12.70	12.60	12.61	12.63		0
64QAM	1	0	12.67	12.38	12.57	12.97	12.67	0-2	0
	1	25	12.75	12.42	12.64	13.02	12.77		0
	1	49	12.73	12.39	12.64	13.03	12.74		0
	25	0	12.69	12.70	12.62	12.56	12.64	0-3	0
	25	12	12.76	12.78	12.66	12.62	12.66		0
	25	25	12.74	12.74	12.57	12.63	12.66		0
	50	0	12.74	12.75	12.65	12.64	12.68		0
256QAM	1	0	12.75	12.86	12.64	12.82	12.67	0-5	0
	1	25	12.73	12.97	12.62	12.89	12.70		0
	1	49	12.73	12.94	12.66	12.87	12.68		0
	25	0	12.74	12.82	12.63	12.56	12.60		0
	25	12	12.72	12.86	12.58	12.60	12.59		0
	25	25	12.71	12.78	12.59	12.64	12.66		0
	50	0	12.73	12.77	12.62	12.58	12.58		0

Table *I*-90
LTE Band 41 PC3 Measured P_{limit} Ant 2b - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	12.75	12.68	12.71	12.41	12.61	0	0
	1	12	12.77	12.71	12.68	12.51	12.70		0
	1	24	12.79	12.69	12.74	12.44	12.79		0
	12	0	12.70	12.64	12.66	12.53	12.63	0-1	0
	12	6	12.70	12.69	12.63	12.65	12.67		0
	12	13	12.68	12.65	12.65	12.61	12.65		0
	25	0	12.68	12.68	12.62	12.67	12.66		0
16QAM	1	0	12.33	12.74	12.24	12.65	12.74	0-1	0
	1	12	12.30	12.14	12.34	12.83	12.45		0
	1	24	12.39	12.16	12.30	12.71	12.39		0
	12	0	12.73	12.77	12.66	12.73	12.68	0-2	0
	12	6	12.75	12.76	12.68	12.83	12.72		0
	12	13	12.70	12.79	12.69	12.78	12.77		0
	25	0	12.73	12.74	12.65	12.65	12.70		0
64QAM	1	0	12.94	12.84	12.45	12.60	12.72	0-2	0
	1	12	12.93	12.74	12.50	12.65	12.90		0
	1	24	12.95	12.66	12.43	12.68	13.20		0
	12	0	12.86	12.81	12.78	12.73	12.83	0-3	0
	12	6	12.90	12.87	12.82	12.77	12.80		0
	12	13	12.91	12.80	12.82	12.73	12.85		0
	25	0	12.77	12.84	12.72	12.63	12.67		0
256QAM	1	0	12.63	12.68	12.56	12.89	12.62	0-5	0
	1	12	12.57	12.40	12.48	12.89	12.44		0
	1	24	12.60	12.38	12.55	12.93	12.55		0
	12	0	12.67	12.68	12.56	12.51	12.56		0
	12	6	12.68	12.73	12.61	12.55	12.57		0
	12	13	12.64	12.72	12.62	12.58	12.60		0
	25	0	12.73	12.67	12.67	12.59	12.62		0

Table *I*-91
LTE Band 41 PC3 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	16.67	16.56	16.59	16.50	16.40	0	0
	1	36	16.71	16.62	16.66	16.50	16.45		0
	1	74	16.62	16.62	16.63	16.51	16.47		0
	36	0	16.84	16.66	16.63	16.62	16.56	0-1	0
	36	18	16.86	16.73	16.75	16.62	16.56		0
	36	37	16.83	16.70	16.75	16.58	16.54		0
	75	0	16.81	16.68	16.72	16.56	16.51		0
16QAM	1	0	17.03	16.96	16.98	17.05	16.88	0-1	0
	1	36	17.07	16.93	17.02	17.09	16.89		0
	1	74	16.98	16.93	17.05	17.08	16.94		0
	36	0	16.77	16.57	16.68	16.75	16.58	0-2	0
	36	18	16.75	16.63	16.72	16.74	16.63		0
	36	37	16.75	16.59	16.68	16.75	16.59		0
	75	0	16.81	16.66	16.75	16.78	16.65		0
64QAM	1	0	16.81	16.65	16.61	16.68	16.53	0-2	0
	1	36	16.88	16.76	16.75	16.66	16.52		0
	1	74	16.75	16.74	16.70	16.61	16.53		0
	36	0	16.83	16.59	16.59	16.57	16.45	0-3	0
	36	18	16.81	16.64	16.67	16.54	16.51		0
	36	37	16.74	16.61	16.62	16.51	16.48		0
	75	0	16.80	16.66	16.71	16.60	16.51		0
256QAM	1	0	16.58	16.73	16.58	16.64	16.53	0-5	0
	1	36	16.62	16.76	16.56	16.61	16.57		0
	1	74	16.60	16.74	16.62	16.60	16.57		0
	36	0	16.82	16.58	16.65	16.56	16.48		0
	36	18	16.80	16.65	16.75	16.55	16.50		0
	36	37	16.78	16.60	16.71	16.57	16.45		0
	75	0	16.80	16.61	16.70	16.56	16.46		0

Table *I*-92
LTE Band 41 PC3 Measured P_{limit} Ant 3 - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	16.88	16.88	16.70	16.64	16.52	0	0
	1	25	16.91	16.84	16.78	16.61	16.57		0
	1	49	16.89	16.87	16.71	16.57	16.58		0
	25	0	17.01	16.85	16.91	16.73	16.68	0-1	0
	25	12	17.02	16.84	16.90	16.75	16.69		0
	25	25	16.99	16.80	16.83	16.71	16.69		0
	50	0	17.02	16.82	16.88	16.76	16.67		0
16QAM	1	0	16.51	16.70	16.41	16.31	16.47	0-1	0
	1	25	16.50	16.64	16.38	16.25	16.45		0
	1	49	16.54	16.60	16.40	16.31	16.37		0
	25	0	16.51	16.30	16.40	16.31	16.11	0-2	0
	25	12	16.53	16.31	16.42	16.32	16.17		0
	25	25	16.45	16.27	16.39	16.29	16.15		0
	50	0	16.51	16.28	16.42	16.31	16.12		0
64QAM	1	0	16.69	16.53	16.52	16.53	16.41	0-2	0
	1	25	16.75	16.55	16.64	16.54	16.33		0
	1	49	16.73	16.66	16.54	16.58	16.34		0
	25	0	16.61	16.43	16.43	16.36	16.25	0-3	0
	25	12	16.60	16.41	16.43	16.38	16.26		0
	25	25	16.59	16.38	16.45	16.35	16.22		0
	50	0	16.55	16.47	16.41	16.39	16.30		0
256QAM	1	0	16.53	16.86	16.53	16.47	16.35	0-5	0
	1	25	16.50	16.87	16.50	16.40	16.39		0
	1	49	16.57	16.86	16.54	16.43	16.40		0
	25	0	16.88	16.69	16.69	16.68	16.55		0
	25	12	16.89	16.63	16.80	16.70	16.61		0
	25	25	16.85	16.65	16.74	16.66	16.60		0
	50	0	16.91	16.78	16.79	16.73	16.63		0

Table *I*-93
LTE Band 41 PC3 Measured P_{limit} Ant 3 - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	16.63	16.51	16.62	16.61	16.46	0	0
	1	12	16.64	16.57	16.53	16.63	16.37		0
	1	24	16.73	16.57	16.49	16.60	16.39		0
	12	0	16.75	16.63	16.58	16.54	16.46	0-1	0
	12	6	16.73	16.66	16.64	16.64	16.47		0
	12	13	16.75	16.59	16.61	16.56	16.46		0
	25	0	16.74	16.61	16.61	16.58	16.42		0
16QAM	1	0	16.53	16.37	16.48	16.65	16.52	0-1	0
	1	12	16.50	16.44	16.53	16.64	16.42		0
	1	24	16.51	16.38	16.54	16.63	16.39		0
	12	0	16.72	16.56	16.60	16.61	16.39	0-2	0
	12	6	16.69	16.62	16.62	16.64	16.41		0
	12	13	16.72	16.61	16.55	16.58	16.41		0
	25	0	16.77	16.67	16.68	16.55	16.33		0
64QAM	1	0	16.58	16.71	16.40	16.53	16.46	0-2	0
	1	12	16.56	16.72	16.48	16.38	16.39		0
	1	24	16.61	16.72	16.45	16.48	16.37		0
	12	0	16.69	16.73	16.57	16.55	16.49	0-3	0
	12	6	16.76	16.74	16.57	16.53	16.47		0
	12	13	16.70	16.74	16.58	16.51	16.45		0
	25	0	16.75	16.64	16.63	16.56	16.37		0
256QAM	1	0	16.54	16.65	16.43	16.44	16.49	0-5	0
	1	12	16.61	16.64	16.52	16.45	16.53		0
	1	24	16.57	16.68	16.52	16.40	16.44		0
	12	0	16.71	16.58	16.64	16.57	16.32		0
	12	6	16.78	16.60	16.65	16.57	16.35		0
	12	13	16.73	16.58	16.63	16.52	16.36		0
	25	0	16.72	16.66	16.62	16.56	16.42		0

Table *I*-94
LTE Band 41 PC3 Measured P_{limit} Ant 4b - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	14.31	14.42	14.34	14.48	14.49	0	0
	1	36	14.40	14.41	14.35	14.53	14.58		0
	1	74	14.29	14.37	14.42	14.50	14.63		0
	36	0	14.46	14.43	14.44	14.61	14.64	0-1	0
	36	18	14.56	14.47	14.54	14.59	14.64		0
	36	37	14.52	14.42	14.52	14.64	14.72		0
	75	0	14.51	14.43	14.49	14.53	14.63		0
16QAM	1	0	14.06	14.51	13.99	14.55	14.31	0-1	0
	1	36	14.11	14.51	14.08	14.57	14.28		0
	1	74	14.04	14.49	14.14	14.64	14.32		0
	36	0	14.47	14.51	14.50	14.63	14.61	0-2	0
	36	18	14.57	14.51	14.51	14.62	14.63		0
	36	37	14.50	14.47	14.50	14.67	14.72		0
	75	0	14.51	14.44	14.44	14.57	14.63		0
64QAM	1	0	14.39	14.28	14.30	14.32	14.51	0-2	0
	1	36	14.44	14.29	14.41	14.33	14.58		0
	1	74	14.41	14.23	14.53	14.41	14.69		0
	36	0	14.25	14.27	14.27	14.29	14.39	0-3	0
	36	18	14.38	14.22	14.31	14.30	14.42		0
	36	37	14.32	14.22	14.33	14.34	14.51		0
	75	0	14.29	14.23	14.25	14.31	14.45		0
256QAM	1	0	14.30	14.55	14.09	13.98	14.29	0-5	0
	1	36	14.35	14.61	14.21	13.93	14.44		0
	1	74	14.41	14.65	14.39	13.99	14.55		0
	36	0	14.19	14.30	14.21	14.39	14.36		0
	36	18	14.32	14.33	14.24	14.42	14.38		0
	36	37	14.28	14.25	14.22	14.43	14.45		0
	75	0	14.28	14.25	14.23	14.41	14.41		0

Table *I*-95
LTE Band 41 PC3 Measured P_{limit} Ant 4b - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	14.58	14.54	14.46	14.53	14.62	0	0
	1	25	14.55	14.55	14.53	14.54	14.75		0
	1	49	14.59	14.45	14.50	14.50	14.80		0
	25	0	14.55	14.53	14.49	14.54	14.61	0-1	0
	25	12	14.59	14.56	14.52	14.55	14.65		0
	25	25	14.56	14.48	14.50	14.59	14.72		0
	50	0	14.55	14.54	14.50	14.55	14.63		0
16QAM	1	0	14.16	14.26	14.07	14.18	14.40	0-1	0
	1	25	14.22	14.21	14.00	14.26	14.24		0
	1	49	14.15	14.21	14.12	14.27	14.32		0
	25	0	14.24	14.19	14.26	14.34	14.30	0-2	0
	25	12	14.26	14.20	14.26	14.34	14.44		0
	25	25	14.29	14.19	14.28	14.32	14.42		0
	50	0	14.25	14.18	14.26	14.26	14.39		0
64QAM	1	0	14.33	14.33	14.16	14.55	14.41	0-2	0
	1	25	14.39	14.33	14.29	14.52	14.47		0
	1	49	14.39	14.25	14.29	14.59	14.45		0
	25	0	14.30	14.33	14.18	14.33	14.27	0-3	0
	25	12	14.27	14.28	14.15	14.29	14.40		0
	25	25	14.32	14.27	14.17	14.40	14.42		0
	50	0	14.33	14.29	14.22	14.38	14.40		0
256QAM	1	0	14.16	13.94	14.08	14.57	14.22	0-5	0
	1	25	14.17	13.86	14.19	14.60	14.27		0
	1	49	14.20	13.85	14.21	14.59	14.40		0
	25	0	14.37	14.32	14.26	14.27	14.35		0
	25	12	14.36	14.32	14.30	14.27	14.47		0
	25	25	14.33	14.27	14.30	14.36	14.47		0
	50	0	14.37	14.33	14.33	14.35	14.47		0

Table *I*-96
LTE Band 41 PC3 Measured P_{limit} Ant 4b - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel 39750 (2506.0 MHz)	Low-Mid Channel 40185 (2549.5 MHz)	Mid Channel 40620 (2593.0 MHz)	Mid-High Channel 41055 (2636.5 MHz)	High Channel 41490 (2680.0 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]						
QPSK	1	0	14.51	14.51	14.50	14.45	14.67	0	0
	1	12	14.61	14.46	14.54	14.55	14.70		0
	1	24	14.56	14.45	14.50	14.48	14.67		0
	12	0	14.55	14.47	14.51	14.53	14.60	0-1	0
	12	6	14.61	14.51	14.52	14.65	14.63		0
	12	13	14.52	14.49	14.51	14.65	14.72		0
	25	0	14.58	14.49	14.54	14.60	14.65		0
16QAM	1	0	14.17	14.13	14.11	14.52	14.34	0-1	0
	1	12	14.12	14.37	14.11	14.51	14.27		0
	1	24	14.23	14.32	14.19	14.52	14.35		0
	12	0	14.24	14.15	14.23	14.33	14.35	0-2	0
	12	6	14.26	14.19	14.28	14.34	14.40		0
	12	13	14.24	14.18	14.23	14.36	14.36		0
	25	0	14.14	14.12	14.17	14.26	14.32		0
64QAM	1	0	14.37	14.25	14.37	14.43	14.42	0-2	0
	1	12	14.36	14.11	14.36	14.39	14.44		0
	1	24	14.42	14.11	14.44	14.38	14.51		0
	12	0	14.37	14.24	14.31	14.38	14.45	0-3	0
	12	6	14.40	14.22	14.36	14.36	14.51		0
	12	13	14.34	14.20	14.35	14.42	14.47		0
	25	0	14.25	14.24	14.24	14.31	14.40		0
256QAM	1	0	14.39	14.21	14.34	13.99	14.45	0-5	0
	1	12	14.40	14.68	14.37	14.01	14.42		0
	1	24	14.44	14.69	14.39	14.03	14.49		0
	12	0	14.24	14.14	14.19	14.36	14.33		0
	12	6	14.28	14.20	14.23	14.40	14.40		0
	12	13	14.22	14.17	14.22	14.44	14.36		0
	25	0	14.35	14.20	14.27	14.36	14.44		0

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Table *I*-97
LTE Band 48 Measured P_{limit} Ant 1 - 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	13.21	13.27	13.48	13.46	0	0
	1	36	13.26	13.36	13.51	13.43		0
	1	74	13.31	13.36	13.56	13.36		0
	36	0	13.45	13.39	13.53	13.56	0-1	0
	36	18	13.43	13.49	13.64	13.59		0
	36	37	13.43	13.45	13.62	13.53		0
	75	0	13.39	13.47	13.57	13.56		0
16QAM	1	0	13.23	13.35	13.72	13.41	0-1	0
	1	36	13.27	13.37	13.73	13.40		0
	1	74	13.32	13.38	13.73	13.35		0
	36	0	13.49	13.31	13.39	13.57	0-2	0
	36	18	13.53	13.42	13.37	13.56		0
	36	37	13.48	13.36	13.47	13.54		0
	75	0	13.35	13.40	13.41	13.38		0
64QAM	1	0	13.33	13.38	13.60	13.48	0-2	0
	1	36	13.38	13.47	13.61	13.47		0
	1	74	13.44	13.43	13.72	13.43		0
	36	0	13.40	13.33	13.51	13.51	0-3	0
	36	18	13.43	13.43	13.52	13.50		0
	36	37	13.46	13.40	13.56	13.53		0
	75	0	13.41	13.42	13.46	13.48		0
256QAM	1	0	13.26	13.79	13.27	13.45	0-5	0
	1	36	13.35	13.80	13.18	13.49		0
	1	74	13.40	13.80	13.31	13.40		0
	36	0	13.39	13.39	13.51	13.49		0
	36	18	13.40	13.47	13.54	13.44		0
	36	37	13.41	13.41	13.53	13.47		0
	75	0	13.39	13.44	13.48	13.43		0

Table *I*-98
LTE Band 48 Measured P_{limit} Ant 1 - 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	13.48	13.46	13.48	13.64	0	0
	1	25	13.35	13.43	13.47	13.64		0
	1	49	13.47	13.45	13.47	13.57		0
	25	0	13.42	13.48	13.52	13.53	0-1	0
	25	12	13.41	13.51	13.53	13.53		0
	25	25	13.41	13.46	13.57	13.55		0
	50	0	13.43	13.49	13.54	13.48		0
16QAM	1	0	13.40	13.75	13.29	13.59	0-1	0
	1	25	13.35	13.65	13.28	13.42		0
	1	49	13.40	13.73	13.38	13.54		0
	25	0	13.36	13.27	13.41	13.46	0-2	0
	25	12	13.36	13.41	13.50	13.51		0
	25	25	13.36	13.37	13.49	13.46		0
	50	0	13.40	13.36	13.55	13.43		0
64QAM	1	0	13.55	13.51	13.47	13.61	0-2	0
	1	25	13.57	13.50	13.49	13.62		0
	1	49	13.62	13.56	13.44	13.61		0
	25	0	13.37	13.36	13.45	13.51	0-3	0
	25	12	13.41	13.48	13.56	13.53		0
	25	25	13.47	13.44	13.50	13.50		0
	50	0	13.42	13.47	13.55	13.47		0
256QAM	1	0	13.54	13.22	13.35	13.60	0-5	0
	1	25	13.41	13.25	13.31	13.58		0
	1	49	13.53	13.30	13.44	13.56		0
	25	0	13.38	13.40	13.53	13.44		0
	25	12	13.37	13.48	13.61	13.51		0
	25	25	13.30	13.45	13.59	13.41		0
	50	0	13.43	13.47	13.64	13.45		0

Table *I*-99
LTE Band 48 Measured P_{limit} Ant 1 - 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	13.46	13.44	13.42	13.60	0	0
	1	12	13.41	13.45	13.47	13.51		0
	1	24	13.48	13.55	13.51	13.59		0
	12	0	13.43	13.50	13.56	13.60	0-1	0
	12	6	13.46	13.45	13.56	13.55		0
	12	13	13.48	13.47	13.61	13.56		0
	25	0	13.47	13.51	13.57	13.59		0
16QAM	1	0	13.57	13.39	13.51	13.68	0-1	0
	1	12	13.50	13.40	13.52	13.55		0
	1	24	13.55	13.44	13.58	13.62		0
	12	0	13.41	13.35	13.54	13.49	0-2	0
	12	6	13.40	13.36	13.58	13.46		0
	12	13	13.38	13.38	13.61	13.47		0
	25	0	13.36	13.43	13.50	13.43		0
64QAM	1	0	13.60	13.46	13.66	13.35	0-2	0
	1	12	13.50	13.42	13.59	13.23		0
	1	24	13.62	13.53	13.71	13.29		0
	12	0	13.31	13.50	13.58	13.49	0-3	0
	12	6	13.34	13.53	13.54	13.43		0
	12	13	13.36	13.53	13.61	13.45		0
	25	0	13.40	13.41	13.46	13.54		0
256QAM	1	0	13.53	13.53	13.30	13.40	0-5	0
	1	12	13.48	13.49	13.32	13.34		0
	1	24	13.55	13.56	13.39	13.33		0
	12	0	13.45	13.40	13.37	13.55		0
	12	6	13.44	13.37	13.37	13.56		0
	12	13	13.42	13.36	13.43	13.51		0
	25	0	13.44	13.47	13.45	13.54		0

Table *I*-100
LTE Band 48 Measured P_{limit} Ant 2a - 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	12.64	12.58	12.60	12.85	0	0
	1	36	12.65	12.59	12.65	12.85		0
	1	74	12.63	12.58	12.68	12.81		0
	36	0	12.81	12.60	12.73	12.85	0-1	0
	36	18	12.83	12.68	12.80	12.85		0
	36	37	12.76	12.67	12.78	12.90		0
	75	0	12.77	12.65	12.75	12.81		0
16QAM	1	0	12.67	12.84	12.89	12.98	0-1	0
	1	36	12.67	12.80	12.88	12.95		0
	1	74	12.65	12.75	12.90	12.93		0
	36	0	12.71	12.47	12.52	12.65	0-2	0
	36	18	12.69	12.52	12.56	12.59		0
	36	37	12.64	12.49	12.54	12.67		0
	75	0	12.70	12.55	12.62	12.63		0
64QAM	1	0	12.63	12.63	12.74	12.82	0-2	0
	1	36	12.69	12.67	12.80	12.89		0
	1	74	12.71	12.64	12.79	12.83		0
	36	0	12.77	12.53	12.63	12.74	0-3	0
	36	18	12.76	12.64	12.75	12.71		0
	36	37	12.75	12.57	12.70	12.76		0
	75	0	12.74	12.68	12.78	12.72		0
256QAM	1	0	12.30	12.91	12.48	12.63	0-5	0
	1	36	12.29	12.91	12.56	12.69		0
	1	74	12.29	12.96	12.53	12.70		0
	36	0	12.73	12.48	12.48	12.58		0
	36	18	12.77	12.54	12.49	12.68		0
	36	37	12.72	12.49	12.57	12.60		0
	75	0	12.73	12.53	12.56	12.65		0

Table *I*-101
LTE Band 48 Measured P_{limit} Ant 2a - 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	12.71	12.62	12.68	12.70	0	0
	1	25	12.67	12.58	12.65	12.68		0
	1	49	12.66	12.55	12.71	12.70		0
	25	0	12.70	12.53	12.66	12.69	0-1	0
	25	12	12.75	12.59	12.66	12.84		0
	25	25	12.70	12.56	12.71	12.76		0
	50	0	12.71	12.59	12.64	12.78		0
16QAM	1	0	12.51	12.58	12.72	12.85	0-1	0
	1	25	12.42	12.53	12.64	12.74		0
	1	49	12.51	12.60	12.70	12.78		0
	25	0	12.46	12.23	12.35	12.46	0-2	0
	25	12	12.50	12.32	12.37	12.54		0
	25	25	12.48	12.27	12.42	12.49		0
	50	0	12.48	12.26	12.31	12.46		0
64QAM	1	0	12.68	12.44	12.54	12.65	0-2	0
	1	25	12.55	12.38	12.55	12.61		0
	1	49	12.59	12.45	12.56	12.68		0
	25	0	12.49	12.25	12.41	12.47	0-3	0
	25	12	12.53	12.34	12.40	12.56		0
	25	25	12.49	12.35	12.44	12.51		0
	50	0	12.50	12.37	12.40	12.57		0
256QAM	1	0	12.37	12.59	12.62	12.73	0-5	0
	1	25	12.27	12.59	12.64	12.73		0
	1	49	12.40	12.62	12.75	12.75		0
	25	0	12.75	12.35	12.48	12.60		0
	25	12	12.78	12.48	12.54	12.57		0
	25	25	12.75	12.49	12.52	12.58		0
	50	0	12.77	12.57	12.57	12.62		0

Table *I*-102
LTE Band 48 Measured P_{limit} Ant 2a - 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	12.73	12.54	12.71	12.86	0	0
	1	12	12.69	12.51	12.64	12.75		0
	1	24	12.72	12.60	12.77	12.84		0
	12	0	12.72	12.56	12.67	12.84	0-1	0
	12	6	12.68	12.60	12.70	12.80		0
	12	13	12.70	12.59	12.71	12.81		0
	25	0	12.76	12.57	12.70	12.85		0
16QAM	1	0	12.92	12.13	12.27	12.41	0-1	0
	1	12	12.82	12.07	12.27	12.29		0
	1	24	12.91	12.15	12.29	12.38		0
	12	0	12.76	12.55	12.64	12.79	0-2	0
	12	6	12.71	12.57	12.69	12.80		0
	12	13	12.73	12.58	12.66	12.79		0
	25	0	12.70	12.64	12.77	12.86		0
64QAM	1	0	12.32	12.35	12.49	12.64	0-2	0
	1	12	12.23	12.27	12.42	12.56		0
	1	24	12.30	12.38	12.51	12.63		0
	12	0	12.44	12.41	12.48	12.65	0-3	0
	12	6	12.40	12.37	12.52	12.58		0
	12	13	12.41	12.39	12.53	12.60		0
	25	0	12.51	12.28	12.40	12.53		0
256QAM	1	0	12.36	12.61	12.73	12.79	0-5	0
	1	12	12.30	12.57	12.67	12.74		0
	1	24	12.39	12.66	12.79	12.78		0
	12	0	12.71	12.47	12.52	12.57		0
	12	6	12.72	12.47	12.58	12.62		0
	12	13	12.75	12.50	12.60	12.62		0
	25	0	12.74	12.55	12.70	12.66		0

Table *I*-103
LTE Band 48 Measured P_{limit} Ant 3 - 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	12.62	12.58	12.70	12.97	0	0
	1	36	12.66	12.61	12.78	12.98		0
	1	74	12.73	12.70	12.81	12.98		0
	36	0	12.76	12.73	12.87	12.99	0-1	0
	36	18	12.76	12.74	12.97	12.96		0
	36	37	12.76	12.74	12.93	12.97		0
	75	0	12.72	12.68	12.85	12.96		0
16QAM	1	0	12.64	12.51	12.69	12.97	0-1	0
	1	36	12.70	12.53	12.74	12.98		0
	1	74	12.73	12.61	12.76	12.99		0
	36	0	12.66	12.77	12.89	12.95	0-2	0
	36	18	12.69	12.81	12.98	12.98		0
	36	37	12.67	12.78	12.95	12.95		0
	75	0	12.68	12.67	12.76	12.99		0
64QAM	1	0	12.50	12.54	12.66	12.86	0-2	0
	1	36	12.55	12.57	12.78	12.84		0
	1	74	12.59	12.65	12.82	12.86		0
	36	0	12.49	12.49	12.60	12.86	0-3	0
	36	18	12.54	12.50	12.73	12.86		0
	36	37	12.56	12.53	12.69	12.81		0
	75	0	12.52	12.54	12.67	12.81		0
256QAM	1	0	12.44	12.28	12.49	12.81	0-5	0
	1	36	12.48	12.37	12.57	12.86		0
	1	74	12.53	12.45	12.59	12.87		0
	36	0	12.39	12.31	12.51	12.66		0
	36	18	12.45	12.36	12.58	12.73		0
	36	37	12.41	12.35	12.55	12.67		0
	75	0	12.42	12.34	12.55	12.70		0

Table *I*-104
LTE Band 48 Measured P_{limit} Ant 3 - 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	12.52	12.53	12.73	12.90	0	0
	1	25	12.50	12.47	12.67	12.81		0
	1	49	12.58	12.54	12.75	12.84		0
	25	0	12.57	12.54	12.77	12.88	0-1	0
	25	12	12.62	12.59	12.82	12.92		0
	25	25	12.59	12.55	12.79	12.87		0
	50	0	12.58	12.57	12.79	12.91		0
16QAM	1	0	12.49	12.70	12.70	12.99	0-1	0
	1	25	12.39	12.65	12.63	12.93		0
	1	49	12.55	12.73	12.71	12.99		0
	25	0	12.42	12.36	12.63	12.70	0-2	0
	25	12	12.47	12.43	12.66	12.71		0
	25	25	12.45	12.41	12.64	12.68		0
	50	0	12.49	12.33	12.69	12.66		0
64QAM	1	0	12.47	12.45	12.79	12.95	0-2	0
	1	25	12.49	12.54	12.89	13.00		0
	1	49	12.63	12.59	12.94	12.99		0
	25	0	12.48	12.50	12.76	12.87	0-3	0
	25	12	12.54	12.51	12.79	12.90		0
	25	25	12.51	12.52	12.76	12.85		0
	50	0	12.54	12.52	12.79	12.88		0
256QAM	1	0	12.48	12.51	12.74	12.84	0-5	0
	1	25	12.41	12.55	12.73	12.87		0
	1	49	12.51	12.65	12.83	12.87		0
	25	0	12.57	12.40	12.61	12.64		0
	25	12	12.56	12.44	12.67	12.70		0
	25	25	12.57	12.41	12.62	12.73		0
	50	0	12.59	12.52	12.72	12.74		0

Table *I*-105
LTE Band 48 Measured P_{limit} Ant 3 - 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	12.56	12.52	12.76	12.79	0	0
	1	12	12.47	12.46	12.68	12.79		0
	1	24	12.60	12.54	12.77	12.76		0
	12	0	12.56	12.53	12.77	12.86	0-1	0
	12	6	12.53	12.54	12.76	12.90		0
	12	13	12.54	12.56	12.72	12.91		0
	25	0	12.53	12.55	12.78	12.88		0
16QAM	1	0	12.84	12.22	12.45	12.60	0-1	0
	1	12	12.76	12.21	12.42	12.51		0
	1	24	12.84	12.25	12.48	12.60		0
	12	0	12.71	12.63	12.85	12.94	0-2	0
	12	6	12.66	12.63	12.86	12.95		0
	12	13	12.69	12.61	12.83	12.98		0
	25	0	12.68	12.72	12.95	12.99		0
64QAM	1	0	12.40	12.56	12.79	12.92	0-2	0
	1	12	12.32	12.49	12.72	12.83		0
	1	24	12.41	12.58	12.81	12.94		0
	12	0	12.46	12.56	12.82	12.93	0-3	0
	12	6	12.50	12.58	12.81	12.90		0
	12	13	12.53	12.60	12.82	12.91		0
	25	0	12.54	12.47	12.70	12.84		0
256QAM	1	0	12.64	12.49	12.79	12.90	0-5	0
	1	12	12.53	12.44	12.70	12.82		0
	1	24	12.63	12.58	12.81	12.89		0
	12	0	12.40	12.40	12.62	12.74		0
	12	6	12.45	12.43	12.60	12.74		0
	12	13	12.47	12.39	12.64	12.75		0
	25	0	12.51	12.50	12.71	12.80		0

Table *I*-106
LTE Band 48 Measured P_{limit} Ant 4a - 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	11.31	11.54	11.47	11.60	0	0
	1	36	11.31	11.56	11.50	11.53		0
	1	74	11.36	11.55	11.49	11.49		0
	36	0	11.51	11.58	11.59	11.67	0-1	0
	36	18	11.49	11.69	11.57	11.72		0
	36	37	11.51	11.65	11.65	11.67		0
	75	0	11.47	11.58	11.56	11.66		0
16QAM	1	0	11.20	11.21	11.21	11.10	0-1	0
	1	36	11.23	11.21	11.24	10.99		0
	1	74	11.27	11.23	11.27	11.09		0
	36	0	11.18	11.24	11.27	11.27	0-2	0
	36	18	11.18	11.30	11.26	11.36		0
	36	37	11.17	11.23	11.29	11.28		0
	75	0	11.15	11.21	11.20	11.26		0
64QAM	1	0	11.52	11.50	11.58	11.80	0-2	0
	1	36	11.65	11.59	11.66	11.84		0
	1	74	11.66	11.60	11.63	11.82		0
	36	0	11.47	11.50	11.48	11.63	0-3	0
	36	18	11.48	11.56	11.49	11.70		0
	36	37	11.47	11.56	11.54	11.61		0
	75	0	11.46	11.55	11.52	11.64		0
256QAM	1	0	11.48	11.28	11.25	11.67	0-5	0
	1	36	11.63	11.35	11.30	11.65		0
	1	74	11.66	11.32	11.31	11.65		0
	36	0	11.22	11.25	11.19	11.27		0
	36	18	11.26	11.34	11.22	11.24		0
	36	37	11.21	11.27	11.28	11.24		0
	75	0	11.22	11.31	11.18	11.23		0

Table *I*-107
LTE Band 48 Measured P_{limit} Ant 4a - 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	11.56	11.68	11.55	11.61	0	0
	1	25	11.46	11.61	11.52	11.67		0
	1	49	11.58	11.60	11.54	11.67		0
	25	0	11.53	11.64	11.54	11.62	0-1	0
	25	12	11.57	11.68	11.58	11.65		0
	25	25	11.52	11.69	11.63	11.65		0
	50	0	11.51	11.68	11.58	11.65		0
16QAM	1	0	11.15	11.35	11.40	11.40	0-1	0
	1	25	11.10	11.31	11.38	11.32		0
	1	49	11.21	11.34	11.36	11.35		0
	25	0	11.26	11.38	11.34	11.46	0-2	0
	25	12	11.30	11.35	11.36	11.44		0
	25	25	11.25	11.31	11.37	11.45		0
	50	0	11.23	11.35	11.30	11.40		0
64QAM	1	0	11.50	11.69	11.66	11.60	0-2	0
	1	25	11.42	11.66	11.65	11.62		0
	1	49	11.49	11.70	11.71	11.63		0
	25	0	11.39	11.58	11.51	11.55	0-3	0
	25	12	11.45	11.59	11.50	11.55		0
	25	25	11.40	11.55	11.58	11.54		0
	50	0	11.41	11.59	11.55	11.52		0
256QAM	1	0	11.18	11.15	11.39	11.16	0-5	0
	1	25	11.08	11.20	11.41	11.13		0
	1	49	11.13	11.23	11.41	11.15		0
	25	0	11.27	11.26	11.15	11.23		0
	25	12	11.23	11.36	11.24	11.25		0
	25	25	11.21	11.33	11.16	11.24		0
	50	0	11.26	11.39	11.31	11.24		0

Table *I*-108
LTE Band 48 Measured P_{limit} Ant 4a - 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	11.61	11.67	11.66	11.71	0	0
	1	12	11.47	11.58	11.53	11.66		0
	1	24	11.53	11.66	11.60	11.73		0
	12	0	11.48	11.64	11.71	11.71	0-1	0
	12	6	11.51	11.67	11.65	11.72		0
	12	13	11.53	11.67	11.67	11.72		0
	25	0	11.51	11.67	11.66	11.70		0
16QAM	1	0	11.39	11.46	11.52	11.56	0-1	0
	1	12	11.27	11.62	11.66	11.42		0
	1	24	11.38	11.73	11.75	11.54		0
	12	0	11.38	11.53	11.53	11.59	0-2	0
	12	6	11.41	11.57	11.56	11.58		0
	12	13	11.44	11.56	11.57	11.57		0
	25	0	11.36	11.47	11.52	11.55		0
64QAM	1	0	11.65	11.15	11.16	11.19	0-2	0
	1	12	11.53	10.88	11.19	11.28		0
	1	24	11.64	11.00	11.29	11.32		0
	12	0	11.51	11.13	11.31	11.25	0-3	0
	12	6	11.53	11.07	11.25	11.28		0
	12	13	11.55	11.10	11.27	11.27		0
	25	0	11.43	11.20	11.22	11.18		0
256QAM	1	0	11.68	11.31	11.32	11.30	0-5	0
	1	12	11.55	11.28	11.35	11.56		0
	1	24	11.68	11.31	11.46	11.70		0
	12	0	11.12	11.34	11.21	11.21		0
	12	6	11.17	11.36	11.24	11.21		0
	12	13	11.19	11.34	11.27	11.15		0
	25	0	11.20	11.33	11.32	11.27		0

I.2 NR Lower Bandwidth RF Conducted Powers

I.2.1 NR Band n71

Table *I*-109
NR Band n71 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel		
Modulation	RB Size	RB Offset	136100 (680.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	19.73	0	0.0
	1	40	19.65		0.0
	1	77	19.64		0.0
	36	0	19.71	0-0.5	0.0
	36	22	19.68	0	0.0
	36	43	19.56	0-0.5	0.0
	75	0	19.49		0.0
DFT-s-OFDM QPSK	1	1	19.67	0	0.0
	1	40	19.63		0.0
	1	77	19.59		0.0
	36	0	19.64	0-1	0.0
	36	22	19.65	0	0.0
	36	43	19.50	0-1	0.0
	75	0	19.57		0.0
DFT-s-OFDM 16QAM	1	1	19.72	0-1	0.0
CP-OFDM QPSK	1	1	19.65	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.

Table *I*-110
NR Band n71 Measured P_{limit} Ant 1 – 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel				
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	19.78	19.77	19.69	0	0.0
	1	26	19.72	19.65	19.59		0.0
	1	50	19.59	19.72	19.62		0.0
	25	0	19.68	19.64	19.50	0-0.5	0.0
	25	14	19.60	19.66	19.55	0	0.0
	25	27	19.62	19.59	19.57	0-0.5	0.0
	50	0	19.58	19.62	19.55		0.0
DFT-s-OFDM QPSK	1	1	19.75	19.71	19.64	0	0.0
	1	26	19.68	19.71	19.58		0.0
	1	50	19.69	19.65	19.60		0.0
	25	0	19.64	19.58	19.54	0-1	0.0
	25	14	19.62	19.63	19.48	0	0.0
	25	27	19.67	19.62	19.57	0-1	0.0
	50	0	19.60	19.61	19.50		0.0
DFT-s-OFDM 16QAM	1	1	19.72	19.66	19.67	0-1	0.0
CP-OFDM QPSK	1	1	19.68	19.65	19.60	0-1.5	0.0

Table *I*-111
NR Band n71 Measured P_{limit} Ant 1 – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	19.72	19.67	19.66	0	0.0
	1	13	19.75	19.65	19.62		0.0
	1	23	19.61	19.72	19.60		0.0
	12	0	19.66	19.66	19.51	0-0.5	0.0
	12	7	19.70	19.69	19.57	0	0.0
	12	13	19.59	19.59	19.53	0-0.5	0.0
	25	0	19.55	19.68	19.49		0.0
DFT-s-OFDM QPSK	1	1	19.81	19.70	19.66	0	0.0
	1	13	19.73	19.77	19.60		0.0
	1	23	19.72	19.65	19.57		0.0
	12	0	19.60	19.49	19.60	0-1	0.0
	12	7	19.66	19.55	19.48	0	0.0
	12	13	19.59	19.57	19.57	0-1	0.0
	25	0	19.55	19.50	19.48		0.0
DFT-s-OFDM 16QAM	1	1	19.77	19.62	19.73	0-1	0.0
CP-OFDM QPSK	1	1	19.50	19.63	19.58	0-1.5	0.0

Table *I*-112
NR Band n71 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
			Channel		
Modulation	RB Size	RB Offset	136100 (680.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	19.85	0	0.0
	1	40	19.83		0.0
	1	77	19.74		0.0
	36	0	19.88	0-0.5	0.0
	36	22	19.81	0	0.0
	36	43	19.79	0-0.5	0.0
	75	0	19.68		0.0
DFT-s-OFDM QPSK	1	1	19.89	0	0.0
	1	40	19.75		0.0
	1	77	19.72		0.0
	36	0	19.83	0-1	0.0
	36	22	19.80	0	0.0
	36	43	19.84	0-1	0.0
	75	0	19.78		0.0
DFT-s-OFDM 16QAM	1	1	19.92	0-1	0.0
CP-OFDM QPSK	1	1	19.88	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.

Table *I*-113
NR Band n71 Measured P_{limit} Ant 3 – 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 π/2 BPSK	1	1	19.87	19.84	19.79	0	0.0
	1	26	19.88	19.82	19.83		0.0
	1	50	19.83	19.69	19.72		0.0
	25	0	19.92	19.78	19.77	0-0.5	0.0
	25	14	19.84	19.66	19.63	0	0.0
	25	27	19.78	19.75	19.72	0-0.5	0.0
	50	0	19.73	19.72	19.68		0.0
DFT-s-OFDM QPSK	1	1	19.93	19.88	19.83	0	0.0
	1	26	19.83	19.78	19.82		0.0
	1	50	19.75	19.65	19.73		0.0
	25	0	19.86	19.84	19.77	0-1	0.0
	25	14	19.82	19.87	19.76	0	0.0
	25	27	19.83	19.75	19.79	0-1	0.0
	50	0	19.78	19.80	19.72		0.0
DFT-s-OFDM 16QAM	1	1	19.99	19.97	19.85	0-1	0.0
CP-OFDM QPSK	1	1	19.85	19.79	19.66	0-1.5	0.0

Table *I*-114
NR Band n71 Measured P_{limit} Ant 3 – 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	19.83	19.79	19.77	0	0.0
	1	13	19.85	19.73	19.77		0.0
	1	23	19.76	19.78	19.81		0.0
	12	0	19.73	19.69	19.68	0-0.5	0.0
	12	7	19.78	19.71	19.73	0	0.0
	12	13	19.72	19.63	19.65	0-0.5	0.0
	25	0	19.69	19.68	19.66		0.0
DFT-s-OFDM QPSK	1	1	19.88	19.85	19.84	0	0.0
	1	13	19.89	19.87	19.82		0.0
	1	23	19.83	19.82	19.85		0.0
	12	0	19.81	19.76	19.79	0-1	0.0
	12	7	19.74	19.69	19.72	0	0.0
	12	13	19.78	19.78	19.74	0-1	0.0
	25	0	19.74	19.64	19.64		0.0
DFT-s-OFDM 16QAM	1	1	20.01	19.97	19.89	0-1	0.0
CP-OFDM QPSK	1	1	19.83	19.77	19.78	0-1.5	0.0

I.2.2 NR Band n12

Table *I*-115
NR Band n12 Measured P_{limit} Ant 1 – 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	18.72	0	0.0
	1	26	18.71		0.0
	1	50	18.61		0.0
	25	0	18.72	0-0.5	0.0
	25	14	18.60	0	0.0
	25	27	18.63	0-0.5	0.0
	50	0	18.68		0.0
DFT-s-OFDM QPSK	1	1	18.66	0	0.0
	1	26	18.59		0.0
	1	50	18.63		0.0
	25	0	18.80	0-1	0.0
	25	14	18.62	0	0.0
	25	27	18.60	0-1	0.0
	50	0	18.65		0.0
DFT-s-OFDM 16QAM	1	1	18.81	0-1	0.0
CP-OFDM QPSK	1	1	18.85	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.

Table *I*-116
NR Band n12 Measured P_{limit} Ant 1 – 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	19.03	18.81	18.85	0	0.0
	1	13	18.90	18.66	18.67		0.0
	1	23	18.81	18.56	18.70		0.0
	12	0	18.88	18.69	18.72	0-0.5	0.0
	12	7	18.90	18.66	18.73	0	0.0
	12	13	18.82	18.63	18.60	0-0.5	0.0
	25	0	18.77	18.58	18.65		0.0
DFT-s-OFDM QPSK	1	1	19.10	18.73	18.88	0	0.0
	1	13	18.97	18.55	18.78		0.0
	1	23	18.90	18.51	18.78		0.0
	12	0	18.92	18.74	18.71	0-1	0.0
	12	7	18.80	18.65	18.63	0	0.0
	12	13	18.77	18.56	18.63	0-1	0.0
	25	0	18.85	18.64	18.71		0.0
DFT-s-OFDM 16QAM	1	1	18.97	18.83	18.97	0-1	0.0
CP-OFDM QPSK	1	1	18.88	18.81	18.75	0-1.5	0.0

Table *I*-117
NR Band n12 Measured P_{limit} Ant 3 – 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	18.89	0	0.0
	1	26	18.97		0.0
	1	50	18.90		0.0
	25	0	18.81	0-0.5	0.0
	25	14	18.86	0	0.0
	25	27	18.81	0-0.5	0.0
	50	0	18.91		0.0
DFT-s-OFDM QPSK	1	1	18.88	0	0.0
	1	26	18.80		0.0
	1	50	18.93		0.0
	25	0	18.79	0-1	0.0
	25	14	18.87	0	0.0
	25	27	18.86	0-1	0.0
	50	0	18.89		0.0
DFT-s-OFDM 16QAM	1	1	18.80	0-1	0.0
CP-OFDM QPSK	1	1	19.02	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.

Table *I*-118
NR Band n12 Measured P_{limit} Ant 3 – 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	19.02	18.88	19.04	0	0.0
	1	13	18.78	18.88	18.91		0.0
	1	23	18.90	18.85	18.89		0.0
	12	0	18.89	18.78	18.90	0-0.5	0.0
	12	7	18.71	18.84	18.92	0	0.0
	12	13	18.91	18.78	19.10	0-0.5	0.0
	25	0	18.93	18.91	18.92		0.0
DFT-s-OFDM QPSK	1	1	18.85	18.83	18.98	0	0.0
	1	13	18.83	18.88	19.10		0.0
	1	23	18.66	18.86	18.95		0.0
	12	0	18.85	18.95	18.97	0-1	0.0
	12	7	19.02	18.89	18.91	0	0.0
	12	13	18.74	18.86	18.93	0-1	0.0
	25	0	18.77	18.89	18.93		0.0
DFT-s-OFDM 16QAM	1	1	18.99	18.76	19.01	0-1	0.0
CP-OFDM QPSK	1	1	19.01	19.06	19.04	0-1.5	0.0

I.2.3 NR Band n5

Table *I*-119
NR Band n5 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
			Channel		
Modulation	RB Size	RB Offset	167300 (836.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	18.17	0	0.0
	1	40	18.14		0.0
	1	77	18.02		0.0
	36	0	18.07	0-0.5	0.0
	36	22	18.03	0	0.0
	36	43	17.95	0-0.5	0.0
	75	0	17.99		0.0
DFT-s-OFDM QPSK	1	1	18.11	0	0.0
	1	40	18.02		0.0
	1	77	18.03		0.0
	36	0	18.11	0-1	0.0
	36	22	18.10	0	0.0
	36	43	17.97	0-1	0.0
	75	0	18.03		0.0
DFT-s-OFDM 16QAM	1	1	18.34	0-1	0.0
CP-OFDM QPSK	1	1	18.24	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.

Table *I*-120
NR Band n5 Measured P_{limit} Ant 1 – 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
			Channel		
Modulation	RB Size	RB Offset	167300 (836.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	18.07	0	0.0
	1	26	17.90		0.0
	1	50	18.02		0.0
	25	0	17.94	0-0.5	0.0
	25	14	17.88	0	0.0
	25	27	17.89	0-0.5	0.0
	50	0	17.91		0.0
DFT-s-OFDM QPSK	1	1	18.05	0	0.0
	1	26	17.91		0.0
	1	50	17.93		0.0
	25	0	18.00	0-1	0.0
	25	14	17.90	0	0.0
	25	27	17.94	0-1	0.0
	50	0	17.87		0.0
DFT-s-OFDM 16QAM	1	1	18.04	0-1	0.0
CP-OFDM QPSK	1	1	18.06	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.

Table *I*-121
NR Band n5 Measured P_{limit} Ant 1 – 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	17.96	17.72	17.63	0	0.0
	1	13	17.71	17.70	17.58		0.0
	1	23	17.77	17.78	17.60		0.0
	12	0	17.79	17.69	17.63	0-0.5	0.0
	12	7	17.76	17.68	17.64	0	0.0
	12	13	17.76	17.72	17.59	0-0.5	0.0
	25	0	17.69	17.63	17.57		0.0
DFT-s-OFDM QPSK	1	1	17.85	17.78	17.61	0	0.0
	1	13	17.75	17.63	17.49		0.0
	1	23	17.75	17.55	17.48		0.0
	12	0	17.82	17.68	17.62	0-1	0.0
	12	7	17.80	17.65	17.58	0	0.0
	12	13	17.75	17.55	17.43	0-1	0.0
	25	0	17.78	17.63	17.58		0.0
DFT-s-OFDM 16QAM	1	1	17.81	17.72	17.55	0-1	0.0
CP-OFDM QPSK	1	1	17.83	17.66	17.61	0-1.5	0.0

Table *I*-122
NR Band n5 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

NR Band n5 15 MHz Bandwidth					
			Channel		
Modulation	RB Size	RB Offset	167300 (836.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
DFT-s-OFDM π/2 BPSK	1	1	18.12	0	0.0
	1	40	18.07		0.0
	1	77	18.05		0.0
	36	0	18.01	0-0.5	0.0
	36	22	18.06	0	0.0
	36	43	17.89	0-0.5	0.0
	75	0	18.09		0.0
DFT-s-OFDM QPSK	1	1	18.12	0	0.0
	1	40	17.78		0.0
	1	77	17.96		0.0
	36	0	18.04	0-1	0.0
	36	22	18.07	0	0.0
	36	43	18.06	0-1	0.0
	75	0	18.05		0.0
DFT-s-OFDM 16QAM	1	1	18.13	0-1	0.0
CP-OFDM QPSK	1	1	18.11	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.

Table *I*-123
NR Band n5 Measured P_{limit} Ant 3 – 10 MHz Bandwidth

NR Band n5 10 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	167300 (836.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM π/2 BPSK	1	1	17.90	0	0.0
	1	26	17.82		0.0
	1	50	17.91		0.0
	25	0	18.03	0-0.5	0.0
	25	14	17.97	0	0.0
	25	27	17.91	0-0.5	0.0
	50	0	17.93		0.0
DFT-s-OFDM QPSK	1	1	18.19	0	0.0
	1	26	18.22		0.0
	1	50	18.01		0.0
	25	0	18.02	0-1	0.0
	25	14	17.98	0	0.0
	25	27	17.89	0-1	0.0
	50	0	17.98		0.0
DFT-s-OFDM 16QAM	1	1	18.11	0-1	0.0
CP-OFDM QPSK	1	1	17.84	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.

Table *I*-124
NR Band n5 Measured P_{limit} Ant 3 – 5 MHz Bandwidth

NR Band n5 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	165300 (826.5 MHz)	167300 (836.5 MHz)	169300 (846.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	18.06	18.19	17.84	0	0.0
	1	13	18.23	17.91	17.78		0.0
	1	23	17.94	18.04	17.66		0.0
	12	0	18.22	18.04	17.77	0-0.5	0.0
	12	7	18.11	17.97	17.83	0	0.0
	12	13	18.11	17.96	17.71	0-0.5	0.0
	25	0	18.14	17.91	17.79		0.0
DFT-s-OFDM QPSK	1	1	18.19	18.07	18.01	0	0.0
	1	13	18.05	17.95	17.97		0.0
	1	23	17.91	17.96	17.87		0.0
	12	0	18.25	18.02	17.93	0-1	0.0
	12	7	18.15	17.95	17.70	0	0.0
	12	13	18.18	17.91	17.65	0-1	0.0
	25	0	18.12	17.96	17.81		0.0
DFT-s-OFDM 16QAM	1	1	18.24	18.40	18.12	0-1	0.0
CP-OFDM QPSK	1	1	18.29	18.03	18.26	0-1.5	0.0

I.2.4 NR Band n66

Table *I*-125
NR Band n66 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	14.50	14.41	14.29	0	0.0
	1	40	14.37	14.22	14.20		0.0
	1	77	14.44	14.58	14.19		0.0
	36	0	14.42	14.24	14.20	0-0.5	0.0
	36	22	14.42	14.18	14.21	0	0.0
	36	43	14.45	14.33	14.17	0-0.5	0.0
	75	0	14.40	14.27	14.25		0.0
DFT-s-OFDM QPSK	1	1	14.35	14.49	14.39	0	0.0
	1	40	14.35	14.44	14.35		0.0
	1	77	14.41	14.43	14.25		0.0
	36	0	14.52	14.26	14.30	0-1	0.0
	36	22	14.46	14.30	14.24	0	0.0
	36	43	14.59	14.37	14.21	0-1	0.0
	75	0	14.49	14.33	14.22		0.0
DFT-s-OFDM 16QAM	1	1	14.57	14.21	14.20	0-1	0.0
CP-OFDM QPSK	1	1	14.62	14.43	14.27	0-1.5	0.0

Table *I*-126
NR Band n66 Measured P_{limit} Ant 1 – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.52	14.39	14.22	0	0.0
	1	26	14.44	14.41	14.20		0.0
	1	50	14.51	14.24	14.44		0.0
	25	0	14.49	14.29	14.29	0-0.5	0.0
	25	14	14.51	14.28	14.31	0	0.0
	25	27	14.43	14.14	14.24	0-0.5	0.0
	50	0	14.54	14.25	14.33		0.0
DFT-s-OFDM QPSK	1	1	14.47	14.35	14.25	0	0.0
	1	26	14.42	14.31	14.24		0.0
	1	50	14.40	14.20	14.34		0.0
	25	0	14.58	14.26	14.31	0-1	0.0
	25	14	14.49	14.17	14.28	0	0.0
	25	27	14.48	14.23	14.28	0-1	0.0
	50	0	14.44	14.24	14.25		0.0
DFT-s-OFDM 16QAM	1	1	14.79	14.70	14.57	0-1	0.0
CP-OFDM QPSK	1	1	14.78	14.36	14.39	0-1.5	0.0

Table *I*-127
NR Band n66 Measured P_{limit} Ant 1 – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.95	14.75	14.72	0	0.0
	1	13	14.89	14.62	14.70		0.0
	1	23	14.95	14.49	14.63		0.0
	12	0	14.88	14.69	14.83	0-0.5	0.0
	12	7	14.79	14.76	14.75	0	0.0
	12	13	14.86	14.67	14.71	0-0.5	0.0
	25	0	14.82	14.71	14.64		0.0
DFT-s-OFDM QPSK	1	1	14.79	14.66	14.50	0	0.0
	1	13	14.87	14.65	14.66		0.0
	1	23	14.76	14.87	14.78		0.0
	12	0	14.87	14.76	14.64	0-1	0.0
	12	7	14.81	14.72	14.59	0	0.0
	12	13	14.66	14.63	14.62	0-1	0.0
	25	0	14.80	14.70	14.66		0.0
DFT-s-OFDM 16QAM	1	1	15.02	14.74	14.90	0-1	0.0
CP-OFDM QPSK	1	1	14.77	14.63	14.36	0-1.5	0.0

Table *I*-128
NR Band n66 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	14.12	14.01	14.11	0	0.0
	1	40	14.03	13.97	14.03		0.0
	1	77	13.98	13.92	14.10		0.0
	36	0	14.04	14.08	13.95	0-0.5	0.0
	36	22	13.92	14.03	14.00	0	0.0
	36	43	13.87	13.94	14.00	0-0.5	0.0
	75	0	13.99	13.91	13.92		0.0
DFT-s-OFDM QPSK	1	1	14.15	14.06	14.13	0	0.0
	1	40	14.02	13.95	14.03		0.0
	1	77	14.07	13.92	14.05		0.0
	36	0	13.99	14.09	13.92	0-1	0.0
	36	22	13.94	14.02	13.97	0	0.0
	36	43	13.99	14.00	13.95	0-1	0.0
	75	0	14.02	13.93	13.91		0.0
DFT-s-OFDM 16QAM	1	1	14.00	13.85	13.96	0-1	0.0
CP-OFDM QPSK	1	1	14.32	14.37	14.31	0-1.5	0.0

Table *I*-129
NR Band n66 Measured P_{limit} Ant 2b – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.08	13.99	14.04	0	0.0
	1	26	13.97	13.95	14.12		0.0
	1	50	13.96	13.96	14.09		0.0
	25	0	13.99	14.01	13.99	0-0.5	0.0
	25	14	13.94	14.05	14.05	0	0.0
	25	27	13.85	14.00	13.98	0-0.5	0.0
	50	0	13.91	13.88	13.94		0.0
DFT-s-OFDM QPSK	1	1	14.11	14.08	14.04	0	0.0
	1	26	14.05	14.00	14.15		0.0
	1	50	14.01	14.10	14.01		0.0
	25	0	13.99	14.01	13.94	0-1	0.0
	25	14	13.97	13.97	13.91	0	0.0
	25	27	13.92	13.96	13.96	0-1	0.0
	50	0	13.87	13.91	13.92		0.0
DFT-s-OFDM 16QAM	1	1	13.89	13.80	13.93	0-1	0.0
CP-OFDM QPSK	1	1	14.28	14.30	14.33	0-1.5	0.0

Table *I*-130
NR Band n66 Measured P_{limit} Ant 2b – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.10	14.12	14.00	0	0.0
	1	13	14.03	14.05	14.15		0.0
	1	23	13.96	14.03	14.03		0.0
	12	0	14.00	14.01	14.02	0-0.5	0.0
	12	7	13.92	13.99	13.98	0	0.0
	12	13	13.94	14.06	14.00	0-0.5	0.0
	25	0	13.92	13.97	13.92		0.0
DFT-s-OFDM QPSK	1	1	14.15	14.17	14.08	0	0.0
	1	13	13.97	14.02	14.19		0.0
	1	23	14.10	14.13	14.05		0.0
	12	0	13.92	14.01	13.92	0-1	0.0
	12	7	13.93	13.94	13.98	0	0.0
	12	13	13.98	13.97	13.97	0-1	0.0
	25	0	13.92	13.92	13.94		0.0
DFT-s-OFDM 16QAM	1	1	13.95	13.88	13.90	0-1	0.0
CP-OFDM QPSK	1	1	14.37	14.29	14.37	0-1.5	0.0

Table *I*-131
NR Band n66 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	15.35	15.30	15.07	0	0.0
	1	40	15.29	15.19	15.36		0.0
	1	77	15.28	15.22	15.20		0.0
	36	0	15.24	15.13	15.12	0-0.5	0.0
	36	22	15.17	15.24	15.24	0	0.0
	36	43	15.10	15.12	15.22	0-0.5	0.0
	75	0	15.21	15.23	15.13		0.0
DFT-s-OFDM QPSK	1	1	15.22	15.26	15.09	0	0.0
	1	40	15.30	15.12	15.27		0.0
	1	77	15.39	15.28	15.16		0.0
	36	0	15.25	15.22	15.10	0-1	0.0
	36	22	15.20	15.10	15.07	0	0.0
	36	43	15.14	15.17	15.20	0-1	0.0
	75	0	15.27	15.20	15.03		0.0
DFT-s-OFDM 16QAM	1	1	15.36	15.10	15.07	0-1	0.0
CP-OFDM QPSK	1	1	15.17	15.52	15.29	0-1.5	0.0

Table *I*-132
NR Band n66 Measured P_{limit} Ant 3 – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	15.31	15.24	15.02	0	0.0
	1	26	15.25	15.21	15.31		0.0
	1	50	15.25	15.17	15.23		0.0
	25	0	15.17	15.15	15.16	0-0.5	0.0
	25	14	15.23	15.31	15.17	0	0.0
	25	27	15.12	15.17	15.14	0-0.5	0.0
	50	0	15.23	15.29	15.12		0.0
DFT-s-OFDM QPSK	1	1	15.12	15.00	15.19	0	0.0
	1	26	15.23	15.14	15.09		0.0
	1	50	15.12	15.13	15.02		0.0
	25	0	15.25	15.19	15.19	0-1	0.0
	25	14	15.21	15.27	15.13	0	0.0
	25	27	15.14	15.19	15.08	0-1	0.0
	50	0	15.15	15.23	15.16		0.0
DFT-s-OFDM 16QAM	1	1	15.04	15.05	15.15	0-1	0.0
CP-OFDM QPSK	1	1	15.42	15.49	15.34	0-1.5	0.0

Table *I*-133
NR Band n66 Measured P_{limit} Ant 3 – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	15.14	15.19	15.10	0	0.0
	1	13	15.33	15.17	15.13		0.0
	1	23	15.41	15.23	15.36		0.0
	12	0	15.22	15.25	15.00	0-0.5	0.0
	12	7	15.31	15.24	15.25	0	0.0
	12	13	15.27	15.17	15.10	0-0.5	0.0
	25	0	15.29	15.11	15.02		0.0
DFT-s-OFDM QPSK	1	1	15.31	15.01	15.16	0	0.0
	1	13	15.11	15.47	15.24		0.0
	1	23	15.20	15.11	15.20		0.0
	12	0	15.23	15.28	15.08	0-1	0.0
	12	7	15.22	15.22	15.29	0	0.0
	12	13	15.36	15.04	15.13	0-1	0.0
	25	0	15.29	15.07	15.06		0.0
DFT-s-OFDM 16QAM	1	1	15.45	15.18	14.88	0-1	0.0
CP-OFDM QPSK	1	1	15.38	15.22	14.94	0-1.5	0.0

Table *I*-134
NR Band n66 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	13.08	13.19	13.09	0	0.0
	1	40	13.14	13.06	13.08		0.0
	1	77	13.09	13.22	13.07		0.0
	36	0	13.13	13.11	13.03	0-0.5	0.0
	36	22	13.04	13.12	12.98	0	0.0
	36	43	13.19	13.21	13.02	0-0.5	0.0
	75	0	13.15	13.04	13.07		0.0
DFT-s-OFDM QPSK	1	1	13.07	13.17	13.12	0	0.0
	1	40	13.21	13.04	13.04		0.0
	1	77	13.05	13.19	13.10		0.0
	36	0	13.16	13.14	13.09	0-1	0.0
	36	22	13.18	13.10	13.04	0	0.0
	36	43	13.19	13.25	13.01	0-1	0.0
	75	0	13.21	13.13	13.00		0.0
DFT-s-OFDM 16QAM	1	1	13.28	13.33	13.26	0-1	0.0
CP-OFDM QPSK	1	1	13.19	13.22	13.18	0-1.5	0.0

Table *I*-135
NR Band n66 Measured P_{limit} Ant 4b – 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	13.19	13.10	13.11	0	0.0
	1	26	13.15	13.14	13.09		0.0
	1	50	13.13	13.15	13.06		0.0
	25	0	13.09	13.12	13.07	0-0.5	0.0
	25	14	13.10	13.07	12.99	0	0.0
	25	27	13.12	13.05	13.02	0-0.5	0.0
	50	0	13.14	13.15	13.03		0.0
DFT-s-OFDM QPSK	1	1	13.10	13.08	13.14	0	0.0
	1	26	13.16	13.18	13.12		0.0
	1	50	13.09	13.12	13.06		0.0
	25	0	13.08	13.11	13.08	0-1	0.0
	25	14	13.11	13.15	13.03	0	0.0
	25	27	13.13	13.11	13.06	0-1	0.0
	50	0	13.08	13.09	13.04		0.0
DFT-s-OFDM 16QAM	1	1	13.30	13.21	13.30	0-1	0.0
CP-OFDM QPSK	1	1	13.17	13.24	13.20	0-1.5	0.0

Table *I*-136
NR Band n66 Measured P_{limit} Ant 4b – 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	13.16	13.14	13.09	0	0.0
	1	13	13.10	13.13	13.09		0.0
	1	23	13.07	13.12	13.03		0.0
	12	0	13.11	13.11	13.04	0-0.5	0.0
	12	7	13.14	13.07	13.07	0	0.0
	12	13	13.11	13.11	13.05	0-0.5	0.0
	25	0	13.14	13.08	13.05		0.0
DFT-s-OFDM QPSK	1	1	13.19	13.06	13.11	0	0.0
	1	13	13.13	13.14	13.04		0.0
	1	23	13.15	13.09	13.05		0.0
	12	0	13.14	13.15	13.02	0-1	0.0
	12	7	13.09	13.12	13.02	0	0.0
	12	13	13.12	13.10	13.10	0-1	0.0
	25	0	13.12	13.07	13.08		0.0
DFT-s-OFDM 16QAM	1	1	13.28	13.17	13.19	0-1	0.0
CP-OFDM QPSK	1	1	13.20	13.16	13.10	0-1.5	0.0

I.2.5 NR Band n25

Table *I*-137
NR Band n25 Measured P_{limit} Ant 1 - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.16	14.30	14.42	0	0.0
	1	40	14.33	14.35	14.18		0.0
	1	77	14.10	14.28	14.25		0.0
	36	0	14.16	14.21	14.19	0-0.5	0.0
	36	22	14.05	14.38	14.06	0	0.0
	36	43	14.08	14.22	14.15	0-0.5	0.0
	75	0	14.12	14.19	14.06		0.0
DFT-s-OFDM QPSK	1	1	14.24	14.41	14.01	0	0.0
	1	40	14.12	14.30	14.02		0.0
	1	77	14.27	14.38	14.16		0.0
	36	0	14.16	14.27	14.25	0-1	0.0
	36	22	14.15	14.25	14.13	0	0.0
	36	43	14.05	14.30	14.06	0-1	0.0
	75	0	14.11	14.23	14.13		0.0
DFT-s-OFDM 16QAM	1	1	14.11	14.26	14.08	0-1	0.0
CP-OFDM QPSK	1	1	14.64	14.27	14.21	0-1.5	0.0

Table *I*-138
NR Band n25 Measured P_{limit} Ant 1 – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.15	14.21	14.01	0	0.0
	1	26	14.16	14.19	14.16		0.0
	1	50	14.20	14.13	14.11		0.0
	25	0	14.22	14.16	14.10	0-0.5	0.0
	25	14	14.28	14.15	14.03	0	0.0
	25	27	14.11	14.21	14.11	0-0.5	0.0
	50	0	14.06	14.16	14.02		0.0
DFT-s-OFDM QPSK	1	1	14.21	14.33	14.13	0	0.0
	1	26	14.19	14.35	14.02		0.0
	1	50	14.25	14.26	14.06		0.0
	25	0	14.22	14.13	14.02	0-1	0.0
	25	14	14.13	14.11	14.05	0	0.0
	25	27	14.11	14.02	14.18	0-1	0.0
	50	0	14.10	14.11	14.01		0.0
DFT-s-OFDM 16QAM	1	1	14.02	14.33	14.16	0-1	0.0
CP-OFDM QPSK	1	1	14.22	13.79	14.13	0-1.5	0.0

Table *I*-139
NR Band n25 Measured P_{limit} Ant 1 – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	14.18	14.15	14.01	0	0.0
	1	13	14.12	14.17	14.12		0.0
	1	23	14.20	14.13	14.11		0.0
	12	0	14.13	14.05	14.10	0-0.5	0.0
	12	7	14.05	14.10	14.03	0	0.0
	12	13	14.16	14.21	14.05	0-0.5	0.0
	25	0	14.10	14.16	14.02		0.0
DFT-s-OFDM QPSK	1	1	13.93	14.27	14.13	0	0.0
	1	13	14.18	14.25	14.02		0.0
	1	23	14.15	14.10	14.06		0.0
	12	0	14.19	14.13	14.02	0-1	0.0
	12	7	14.08	14.11	14.05	0	0.0
	12	13	14.02	14.02	14.03	0-1	0.0
	25	0	14.09	14.11	14.12		0.0
DFT-s-OFDM 16QAM	1	1	14.07	14.21	14.15	0-1	0.0
CP-OFDM QPSK	1	1	14.13	14.01	14.07	0-1.5	0.0

Table *I*-140
NR Band n25 Measured P_{limit} Ant 2b - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	13.79	13.73	13.69	0	0.0
	1	40	13.74	13.72	13.66		0.0
	1	77	13.75	13.71	13.65		0.0
	36	0	13.71	13.70	13.62	0-0.5	0.0
	36	22	13.68	13.72	13.64	0	0.0
	36	43	13.62	13.62	13.60	0-0.5	0.0
	75	0	13.63	13.61	13.54		0.0
DFT-s-OFDM QPSK	1	1	13.78	13.72	13.65	0	0.0
	1	40	13.74	13.69	13.67		0.0
	1	77	13.72	13.70	13.63		0.0
	36	0	13.73	13.68	13.58	0-1	0.0
	36	22	13.68	13.66	13.52	0	0.0
	36	43	13.63	13.68	13.55	0-1	0.0
	75	0	13.64	13.60	13.49		0.0
DFT-s-OFDM 16QAM	1	1	13.68	13.62	13.57	0-1	0.0
CP-OFDM QPSK	1	1	13.74	13.69	13.62	0-1.5	0.0

Table *I*-141
NR Band n25 Measured P_{limit} Ant 2b – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	13.77	13.74	13.71	0	0.0
	1	26	13.72	13.76	13.73		0.0
	1	50	13.75	13.77	13.63		0.0
	25	0	13.68	13.65	13.64	0-0.5	0.0
	25	14	13.61	13.62	13.62	0	0.0
	25	27	13.62	13.68	13.66	0-0.5	0.0
	50	0	13.58	13.58	13.57		0.0
DFT-s-OFDM QPSK	1	1	13.78	13.74	13.69	0	0.0
	1	26	13.74	13.75	13.72		0.0
	1	50	13.72	13.72	13.70		0.0
	25	0	13.74	13.71	13.66	0-1	0.0
	25	14	13.68	13.63	13.59	0	0.0
	25	27	13.60	13.65	13.55	0-1	0.0
	50	0	13.68	13.59	13.57		0.0
DFT-s-OFDM 16QAM	1	1	13.71	13.60	13.53	0-1	0.0
CP-OFDM QPSK	1	1	13.80	13.82	13.71	0-1.5	0.0

Table *I*-142
NR Band n25 Measured P_{limit} Ant 2b – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	13.82	13.79	13.77	0	0.0
	1	13	13.79	13.71	13.73		0.0
	1	23	13.79	13.72	13.68		0.0
	12	0	13.66	13.60	13.59	0-0.5	0.0
	12	7	13.69	13.66	13.51	0	0.0
	12	13	13.62	13.62	13.57	0-0.5	0.0
	25	0	13.63	13.57	13.54		0.0
DFT-s-OFDM QPSK	1	1	13.85	13.77	13.78	0	0.0
	1	13	13.77	13.71	13.72		0.0
	1	23	13.79	13.74	13.68		0.0
	12	0	13.62	13.65	13.60	0-1	0.0
	12	7	13.69	13.60	13.58	0	0.0
	12	13	13.65	13.57	13.52	0-1	0.0
	25	0	13.60	13.55	13.47		0.0
DFT-s-OFDM 16QAM	1	1	13.72	13.71	13.65	0-1	0.0
CP-OFDM QPSK	1	1	13.88	13.79	13.62	0-1.5	0.0

Table *I*-143
NR Band n25 Measured P_{limit} Ant 3 - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	15.14	15.00	15.09	0	0.0
	1	40	15.04	15.03	15.06		0.0
	1	77	15.02	15.07	14.96		0.0
	36	0	14.98	15.04	14.98	0-0.5	0.0
	36	22	14.93	14.97	14.97	0	0.0
	36	43	14.87	15.04	14.91	0-0.5	0.0
	75	0	14.75	15.00	14.96		0.0
DFT-s-OFDM QPSK	1	1	15.00	15.15	15.10	0	0.0
	1	40	15.16	14.97	14.83		0.0
	1	77	14.92	14.95	15.01		0.0
	36	0	15.06	15.09	15.09	0-1	0.0
	36	22	14.96	14.99	15.03	0	0.0
	36	43	14.94	15.02	14.99	0-1	0.0
	75	0	15.04	15.07	15.05		0.0
DFT-s-OFDM 16QAM	1	1	15.17	15.14	15.09	0-1	0.0
CP-OFDM QPSK	1	1	15.17	15.19	15.20	0-1.5	0.0

Table *I*-144
NR Band n25 Measured P_{limit} Ant 3 – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	15.15	14.97	15.09	0	0.0
	1	26	14.81	15.14	15.01		0.0
	1	50	14.89	14.93	14.96		0.0
	25	0	14.92	14.96	14.85	0-0.5	0.0
	25	14	14.88	14.94	14.89	0	0.0
	25	27	14.88	14.94	14.88	0-0.5	0.0
	50	0	14.89	15.01	14.95		0.0
DFT-s-OFDM QPSK	1	1	14.98	14.90	15.03	0	0.0
	1	26	14.93	14.98	14.84		0.0
	1	50	14.91	14.87	14.93		0.0
	25	0	14.93	14.91	14.82	0-1	0.0
	25	14	14.85	14.95	14.78	0	0.0
	25	27	14.92	15.00	14.87	0-1	0.0
	50	0	14.92	14.98	14.77		0.0
DFT-s-OFDM 16QAM	1	1	15.17	15.19	15.09	0-1	0.0
CP-OFDM QPSK	1	1	15.09	15.10	14.74	0-1.5	0.0

Table *I*-145
NR Band n25 Measured P_{limit} Ant 3 – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	15.08	14.85	14.94	0	0.0
	1	13	14.83	15.06	15.11		0.0
	1	23	14.85	14.91	14.87		0.0
	12	0	14.83	14.93	14.98	0-0.5	0.0
	12	7	14.94	14.94	15.05	0	0.0
	12	13	14.95	15.01	15.03	0-0.5	0.0
	25	0	14.88	14.86	14.94		0.0
DFT-s-OFDM QPSK	1	1	15.07	14.95	14.87	0	0.0
	1	13	15.08	15.09	15.12		0.0
	1	23	15.07	15.05	15.01		0.0
	12	0	14.88	14.86	14.83	0-1	0.0
	12	7	14.84	14.95	14.90	0	0.0
	12	13	14.94	14.90	14.91	0-1	0.0
	25	0	14.95	14.97	14.96		0.0
DFT-s-OFDM 16QAM	1	1	15.10	15.19	15.18	0-1	0.0
CP-OFDM QPSK	1	1	14.73	14.75	14.82	0-1.5	0.0

Table *I*-146
NR Band n25 Measured P_{limit} Ant 4b - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	10.66	10.66	10.70	0	0.0
	1	40	10.59	10.71	10.68		0.0
	1	77	10.63	10.75	10.72		0.0
	36	0	10.56	10.60	10.69	0-0.5	0.0
	36	22	10.51	10.66	10.58	0	0.0
	36	43	10.62	10.59	10.59	0-0.5	0.0
	75	0	10.54	10.65	10.61		0.0
DFT-s-OFDM QPSK	1	1	10.61	10.59	10.66	0	0.0
	1	40	10.58	10.74	10.72		0.0
	1	77	10.56	10.73	10.65		0.0
	36	0	10.57	10.62	10.61	0-1	0.0
	36	22	10.54	10.68	10.68	0	0.0
	36	43	10.54	10.66	10.56	0-1	0.0
	75	0	10.56	10.63	10.64		0.0
DFT-s-OFDM 16QAM	1	1	10.77	10.79	10.84	0-1	0.0
CP-OFDM QPSK	1	1	10.67	10.70	10.76	0-1.5	0.0

Table *I*-147
NR Band n25 Measured P_{limit} Ant 4b – 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	10.59	10.69	10.66	0	0.0
	1	26	10.69	10.71	10.75		0.0
	1	50	10.60	10.67	10.71		0.0
	25	0	10.60	10.73	10.71	0-0.5	0.0
	25	14	10.55	10.72	10.72	0	0.0
	25	27	10.56	10.77	10.69	0-0.5	0.0
	50	0	10.58	10.75	10.69		0.0
DFT-s-OFDM QPSK	1	1	10.60	10.65	10.74	0	0.0
	1	26	10.71	10.72	10.71		0.0
	1	50	10.57	10.74	10.73		0.0
	25	0	10.56	10.70	10.69	0-1	0.0
	25	14	10.60	10.73	10.69	0	0.0
	25	27	10.64	10.74	10.67	0-1	0.0
	50	0	10.57	10.70	10.67		0.0
DFT-s-OFDM 16QAM	1	1	10.84	10.83	10.90	0-1	0.0
CP-OFDM QPSK	1	1	10.73	10.75	10.74	0-1.5	0.0

Table *I*-148
NR Band n25 Measured P_{limit} Ant 4b – 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	10.60	10.75	10.62	0	0.0
	1	13	10.67	10.73	10.67		0.0
	1	23	10.72	10.73	10.71		0.0
	12	0	10.56	10.61	10.64	0-0.5	0.0
	12	7	10.62	10.75	10.62	0	0.0
	12	13	10.71	10.66	10.65	0-0.5	0.0
	25	0	10.63	10.70	10.64		0.0
DFT-s-OFDM QPSK	1	1	10.63	10.72	10.63	0	0.0
	1	13	10.65	10.68	10.70		0.0
	1	23	10.70	10.76	10.71		0.0
	12	0	10.51	10.66	10.58	0-1	0.0
	12	7	10.61	10.74	10.63	0	0.0
	12	13	10.67	10.69	10.61	0-1	0.0
	25	0	10.61	10.65	10.59		0.0
DFT-s-OFDM 16QAM	1	1	10.79	10.83	10.79	0-1	0.0
CP-OFDM QPSK	1	1	10.63	10.73	10.72	0-1.5	0.0

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Table *I*-149
NR Band n41 PC3 Measured P_{limit} Ant 1 - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]			
DFT-s-OFDM π/2 BPSK	1	1	13.01	13.02	0	0.0
	1	123	12.86	12.87		0.0
	1	243	12.90	12.76		0.0
	120	0	12.82	12.81	0-0.5	0.0
	120	63	12.88	12.82	0	0.0
	120	125	12.84	12.78	0-0.5	0.0
	243	0	12.89	12.80		0.0
DFT-s-OFDM QPSK	1	1	12.95	13.01	0	0.0
	1	123	12.88	12.92		0.0
	1	243	12.83	12.80		0.0
	120	0	12.90	12.95	0-1	0.0
	120	63	12.84	12.78	0	0.0
	120	125	12.84	12.79	0-1	0.0
	243	0	12.86	12.79		0.0
DFT-s-OFDM 16QAM	1	1	12.89	12.86	0-1	0.0
CP-OFDM QPSK	1	1	12.91	13.00	0-1.5	0.0

Table *I*-150
NR Band n41 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	13.12	12.96	0	0.0
	1	109	13.01	12.87		0.0
	1	215	12.96	12.75		0.0
	108	0	12.95	12.88	0-0.5	0.0
	108	55	12.98	12.83	0	0.0
	108	109	12.91	12.86	0-0.5	0.0
	216	0	12.98	12.83		0.0
DFT-s-OFDM QPSK	1	1	13.11	12.94	0	0.0
	1	109	12.94	12.88		0.0
	1	215	12.97	12.71		0.0
	108	0	12.96	12.95	0-1	0.0
	108	55	12.95	12.84	0	0.0
	108	109	12.92	12.86	0-1	0.0
	216	0	12.99	12.87		0.0
DFT-s-OFDM 16QAM	1	1	12.91	12.77	0-1	0.0
CP-OFDM QPSK	1	1	13.02	12.82	0-1.5	0.0

Table *I*-151
NR Band n41 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	12.98	12.98	12.93	0	0.0
	1	81	12.96	13.04	12.84		0.0
	1	160	12.93	13.02	12.94		0.0
	81	0	13.12	13.04	12.93	0-0.5	0.0
	81	41	13.03	13.03	12.89	0	0.0
	81	81	13.10	13.10	12.90	0-0.5	0.0
	162	0	13.01	13.11	12.91		0.0
DFT-s-OFDM QPSK	1	1	12.95	13.05	12.90	0	0.0
	1	81	13.02	13.01	12.82		0.0
	1	160	12.90	12.97	12.89		0.0
	81	0	13.09	13.08	12.93	0-1	0.0
	81	41	13.01	13.08	12.87	0	0.0
	81	81	13.07	13.09	12.82	0-1	0.0
	162	0	13.05	13.12	12.90		0.0
DFT-s-OFDM 16QAM	1	1	12.95	12.95	12.91	0-1	0.0
CP-OFDM QPSK	1	1	12.92	12.96	13.02	0-1.5	0.0

Table *I*-152
NR Band n41 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	12.95	12.86	12.85	0	0.0
	1	67	12.86	12.80	12.64		0.0
	1	131	12.91	12.87	12.73		0.0
	64	0	12.77	12.73	12.63	0-0.5	0.0
	64	35	12.82	12.82	12.60	0	0.0
	64	69	12.83	12.78	12.52	0-0.5	0.0
	128	0	12.78	12.82	12.59		0.0
DFT-s-OFDM QPSK	1	1	12.98	12.84	12.84	0	0.0
	1	67	12.88	12.82	12.68		0.0
	1	131	12.86	12.86	12.74		0.0
	64	0	12.80	12.73	12.66	0-1	0.0
	64	35	12.86	12.77	12.61	0	0.0
	64	69	12.82	12.81	12.58	0-1	0.0
	128	0	12.77	12.74	12.57		0.0
DFT-s-OFDM 16QAM	1	1	13.05	13.02	12.99	0-1	0.0
CP-OFDM QPSK	1	1	13.15	12.99	12.93	0-1.5	0.0

Table *I*-153
NR Band n41 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	12.88	12.85	12.90	12.83	0	0.0
	1	53	12.71	12.64	12.65	12.69		0.0
	1	104	12.76	12.78	12.88	12.71		0.0
	50	0	12.72	12.66	12.72	12.72	0-0.5	0.0
	50	28	12.70	12.73	12.68	12.65	0	0.0
	50	56	12.75	12.74	12.81	12.67	0-0.5	0.0
	100	0	12.81	12.72	12.72	12.68		0.0
DFT-s-OFDM QPSK	1	1	12.92	12.88	12.93	12.86	0	0.0
	1	53	12.79	12.75	12.73	12.73		0.0
	1	104	12.91	12.84	12.85	12.77		0.0
	50	0	12.67	12.69	12.77	12.72	0-1	0.0
	50	28	12.71	12.73	12.70	12.62	0	0.0
	50	56	12.78	12.79	12.81	12.66	0-1	0.0
	100	0	12.77	12.75	12.74	12.71		0.0
DFT-s-OFDM 16QAM	1	1	13.03	13.02	12.96	12.89	0-1	0.0
CP-OFDM QPSK	1	1	13.00	13.07	13.06	13.03	0-1.5	0.0

Table *I*-154
NR Band n41 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	12.96	12.94	12.82	12.67	12.67	0	0.0
	1	26	12.75	12.80	12.66	12.56	12.56		0.0
	1	49	12.88	12.83	12.81	12.65	12.65		0.0
	25	0	12.82	12.76	12.68	12.62	12.62	0-0.5	0.0
	25	13	12.86	12.77	12.66	12.60	12.60	0	0.0
	25	26	12.90	12.79	12.68	12.56	12.56	0-0.5	0.0
	50	0	12.85	12.76	12.69	12.55	12.55		0.0
DFT-s-OFDM QPSK	1	1	12.93	12.95	12.85	12.72	12.72	0	0.0
	1	26	12.78	12.82	12.73	12.59	12.59		0.0
	1	49	12.91	12.86	12.84	12.63	12.63		0.0
	25	0	12.85	12.82	12.70	12.61	12.61	0-1	0.0
	25	13	12.84	12.76	12.71	12.62	12.62	0	0.0
	25	26	12.88	12.78	12.74	12.55	12.55	0-1	0.0
	50	0	12.89	12.80	12.68	12.57	12.57		0.0
DFT-s-OFDM 16QAM	1	1	12.93	13.09	12.93	12.82	12.82	0-1	0.0
CP-OFDM QPSK	1	1	12.97	13.07	13.05	12.84	12.84	0-1.5	0.0

Table *I*-155
NR Band n41 PC3 Measured P_{limit} Ant 2b - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]			
DFT-s-OFDM π/2 BPSK	1	1	10.72	10.76	0	0.0
	1	123	10.62	10.70		0.0
	1	243	10.62	10.60		0.0
	120	0	10.58	10.63	0-0.5	0.0
	120	63	10.56	10.64	0	0.0
	120	125	10.58	10.60	0-0.5	0.0
	243	0	10.55	10.56		0.0
DFT-s-OFDM QPSK	1	1	10.75	10.75	0	0.0
	1	123	10.61	10.64		0.0
	1	243	10.64	10.62		0.0
	120	0	10.57	10.60	0-1	0.0
	120	63	10.55	10.63	0	0.0
	120	125	10.64	10.57	0-1	0.0
	243	0	10.58	10.58		0.0
DFT-s-OFDM 16QAM	1	1	11.05	11.07	0-1	0.0
CP-OFDM QPSK	1	1	10.82	10.70	0-1.5	0.0

Table *I*-156
NR Band n41 PC3 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	10.70	10.60	0	0.0
	1	109	10.54	10.62		0.0
	1	215	10.59	10.68		0.0
	108	0	10.60	10.61	0-0.5	0.0
	108	55	10.62	10.62	0	0.0
	108	109	10.52	10.53	0-0.5	0.0
	216	0	10.49	10.58		0.0
DFT-s-OFDM QPSK	1	1	10.65	10.63	0	0.0
	1	109	10.58	10.67		0.0
	1	215	10.54	10.62		0.0
	108	0	10.59	10.60	0-1	0.0
	108	55	10.58	10.57	0	0.0
	108	109	10.55	10.52	0-1	0.0
	216	0	10.51	10.64		0.0
DFT-s-OFDM 16QAM	1	1	11.00	11.01	0-1	0.0
CP-OFDM QPSK	1	1	10.78	10.70	0-1.5	0.0

Table *I*-157
NR Band n41 PC3 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	10.70	10.56	10.60	0	0.0
	1	81	10.64	10.73	10.58		0.0
	1	160	10.68	10.69	10.61		0.0
	81	0	10.68	10.58	10.62	0-0.5	0.0
	81	41	10.64	10.69	10.58	0	0.0
	81	81	10.61	10.76	10.52	0-0.5	0.0
	162	0	10.59	10.70	10.53		0.0
DFT-s-OFDM QPSK	1	1	10.69	10.56	10.62	0	0.0
	1	81	10.61	10.62	10.51		0.0
	1	160	10.63	10.72	10.62		0.0
	81	0	10.66	10.60	10.52	0-1	0.0
	81	41	10.62	10.71	10.54	0	0.0
	81	81	10.59	10.68	10.52	0-1	0.0
	162	0	10.63	10.72	10.60		0.0
DFT-s-OFDM 16QAM	1	1	10.95	10.88	10.93	0-1	0.0
CP-OFDM QPSK	1	1	10.78	10.62	10.61	0-1.5	0.0

Table *I*-158
NR Band n41 PC3 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	10.81	10.74	10.61	0	0.0
	1	67	10.64	10.64	10.55		0.0
	1	131	10.62	10.70	10.64		0.0
	64	0	10.66	10.67	10.59	0-0.5	0.0
	64	35	10.67	10.67	10.58	0	0.0
	64	69	10.62	10.77	10.59	0-0.5	0.0
	128	0	10.72	10.64	10.60		0.0
DFT-s-OFDM QPSK	1	1	10.72	10.69	10.61	0	0.0
	1	67	10.69	10.67	10.54		0.0
	1	131	10.67	10.74	10.61		0.0
	64	0	10.64	10.63	10.63	0-1	0.0
	64	35	10.70	10.66	10.56	0	0.0
	64	69	10.60	10.78	10.59	0-1	0.0
	128	0	10.71	10.69	10.59		0.0
DFT-s-OFDM 16QAM	1	1	11.02	10.93	10.92	0-1	0.0
CP-OFDM QPSK	1	1	10.78	10.75	10.68	0-1.5	0.0

Table *I*-159
NR Band n41 PC3 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	10.76	10.54	10.78	10.71	0	0.0
	1	53	10.56	10.54	10.67	10.70		0.0
	1	104	10.67	10.77	10.78	10.73		0.0
	50	0	10.68	10.49	10.69	10.66	0-0.5	0.0
	50	28	10.60	10.59	10.65	10.61	0	0.0
	50	56	10.66	10.67	10.77	10.65	0-0.5	0.0
	100	0	10.64	10.63	10.71	10.70		0.0
DFT-s-OFDM QPSK	1	1	10.72	10.59	10.76	10.77	0	0.0
	1	53	10.53	10.55	10.66	10.68		0.0
	1	104	10.64	10.72	10.73	10.70		0.0
	50	0	10.69	10.51	10.75	10.65	0-1	0.0
	50	28	10.52	10.59	10.69	10.60	0	0.0
	50	56	10.66	10.69	10.70	10.70	0-1	0.0
	100	0	10.62	10.65	10.70	10.67		0.0
DFT-s-OFDM 16QAM	1	1	11.10	10.75	11.10	10.95	0-1	0.0
CP-OFDM QPSK	1	1	10.80	10.53	10.90	10.85	0-1.5	0.0

Table *I*-160
NR Band n41 PC3 Measured P_{limit} Ant 2b - 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 π/2 BPSK	1	1	10.68	10.58	10.68	10.62	10.48	0	0.0
	1	26	10.64	10.60	10.52	10.47	10.40		0.0
	1	49	10.59	10.59	10.58	10.63	10.50		0.0
	25	0	10.74	10.55	10.59	10.54	10.45	0-0.5	0.0
	25	13	10.67	10.60	10.54	10.53	10.50	0	0.0
	25	26	10.61	10.49	10.59	10.56	10.49	0-0.5	0.0
	50	0	10.71	10.52	10.57	10.52	10.50		0.0
DFT-s-OFDM QPSK	1	1	10.70	10.60	10.63	10.61	10.53	0	0.0
	1	26	10.63	10.51	10.58	10.53	10.45		0.0
	1	49	10.60	10.56	10.56	10.57	10.57		0.0
	25	0	10.73	10.57	10.61	10.54	10.49	0-1	0.0
	25	13	10.68	10.59	10.57	10.52	10.40	0	0.0
	25	26	10.68	10.58	10.56	10.59	10.51	0-1	0.0
	50	0	10.67	10.55	10.60	10.49	10.37		0.0
DFT-s-OFDM 16QAM	1	1	10.99	10.97	10.95	10.94	10.79	0-1	0.0
CP-OFDM QPSK	1	1	10.75	10.63	10.63	10.70	10.53	0-1.5	0.0

Table *I*-161
NR Band n41 PC3 Measured P_{limit} Ant 3 - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]			
DFT-s-OFDM π/2 BPSK	1	1	14.25	14.18	0	0.0
	1	123	14.18	14.02		0.0
	1	243	14.03	13.92		0.0
	120	0	14.14	14.07	0-0.5	0.0
	120	63	14.13	14.02	0	0.0
	120	125	14.09	13.94	0-0.5	0.0
	243	0	14.05	13.97		0.0
DFT-s-OFDM QPSK	1	1	14.38	14.26	0	0.0
	1	123	14.15	14.10		0.0
	1	243	14.10	13.93		0.0
	120	0	14.21	14.10	0-1	0.0
	120	63	14.08	14.04	0	0.0
	120	125	14.03	13.92	0-1	0.0
	243	0	14.06	14.01		0.0
DFT-s-OFDM 16QAM	1	1	14.18	14.11	0-1	0.0
CP-OFDM QPSK	1	1	14.40	14.15	0-1.5	0.0

Table *I*-162
NR Band n41 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	14.37	14.20	0	0.0
	1	109	14.28	14.09		0.0
	1	215	14.11	13.89		0.0
	108	0	14.26	14.06	0-0.5	0.0
	108	55	14.25	14.00	0	0.0
	108	109	14.10	13.92	0-0.5	0.0
	216	0	14.20	14.04		0.0
DFT-s-OFDM QPSK	1	1	14.41	14.21	0	0.0
	1	109	14.32	14.06		0.0
	1	215	14.11	13.83		0.0
	108	0	14.25	14.12	0-1	0.0
	108	55	14.24	14.04	0	0.0
	108	109	14.20	13.97	0-1	0.0
	216	0	14.23	14.01		0.0
DFT-s-OFDM 16QAM	1	1	14.27	14.08	0-1	0.0
CP-OFDM QPSK	1	1	14.40	14.24	0-1.5	0.0

Table *I*-163
NR Band n41 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	14.12	13.90	13.94	0	0.0
	1	81	14.11	14.05	13.80		0.0
	1	160	14.06	14.04	13.79		0.0
	81	0	14.20	14.03	13.85	0-0.5	0.0
	81	41	14.11	14.02	13.81	0	0.0
	81	81	14.10	14.04	13.75	0-0.5	0.0
	162	0	14.11	14.03	13.81		0.0
DFT-s-OFDM QPSK	1	1	14.13	13.92	13.97	0	0.0
	1	81	14.09	14.07	13.85		0.0
	1	160	14.07	14.07	13.80		0.0
	81	0	14.21	14.06	13.89	0-1	0.0
	81	41	14.16	14.07	13.80	0	0.0
	81	81	14.09	14.03	13.78	0-1	0.0
	162	0	14.12	14.02	13.82		0.0
DFT-s-OFDM 16QAM	1	1	14.10	13.90	13.85	0-1	0.0
CP-OFDM QPSK	1	1	14.26	14.02	14.04	0-1.5	0.0

Table *I*-164
NR Band n41 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	14.14	13.98	14.08	0	0.0
	1	67	14.08	14.02	13.78		0.0
	1	131	14.10	14.06	13.85		0.0
	64	0	14.10	13.92	13.86	0-0.5	0.0
	64	35	14.06	14.05	13.86	0	0.0
	64	69	14.11	14.04	13.82	0-0.5	0.0
	128	0	14.09	14.02	13.89		0.0
DFT-s-OFDM QPSK	1	1	14.21	14.02	14.01	0	0.0
	1	67	14.13	14.03	13.88		0.0
	1	131	14.04	14.11	13.90		0.0
	64	0	14.12	13.95	13.88	0-1	0.0
	64	35	14.08	14.02	13.85	0	0.0
	64	69	14.13	14.05	13.82	0-1	0.0
	128	0	14.09	14.01	13.91		0.0
DFT-s-OFDM 16QAM	1	1	14.11	13.92	13.90	0-1	0.0
CP-OFDM QPSK	1	1	14.22	14.10	14.14	0-1.5	0.0

Table *I*-165
NR Band n41 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	14.08	14.00	13.98	13.89	0	0.0
	1	53	14.01	13.82	13.86	13.69		0.0
	1	104	14.00	13.88	13.95	13.70		0.0
	50	0	14.06	13.92	13.96	13.72	0-0.5	0.0
	50	28	14.09	13.81	13.88	13.69	0	0.0
	50	56	14.13	13.85	13.92	13.68	0-0.5	0.0
	100	0	14.08	13.86	13.89	13.70		0.0
DFT-s-OFDM QPSK	1	1	14.12	14.03	14.00	13.82	0	0.0
	1	53	13.97	13.85	13.85	13.70		0.0
	1	104	14.07	13.97	14.05	13.75		0.0
	50	0	14.08	13.80	13.94	13.74	0-1	0.0
	50	28	14.05	13.84	13.93	13.65	0	0.0
	50	56	14.10	13.91	13.91	13.66	0-1	0.0
	100	0	14.05	13.90	13.88	13.70		0.0
DFT-s-OFDM 16QAM	1	1	14.42	14.23	14.23	13.76	0-1	0.0
CP-OFDM QPSK	1	1	14.12	14.04	13.95	13.86	0-1.5	0.0

Table *I*-166
NR Band n41 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	14.10	14.02	13.81	13.79	13.59	0	0.0
	1	26	14.00	13.93	13.60	13.62	13.66		0.0
	1	49	14.02	13.90	13.80	13.75	13.64		0.0
	25	0	14.14	13.92	13.83	13.70	13.66	0-0.5	0.0
	25	13	14.07	13.93	13.77	13.70	13.61	0	0.0
	25	26	13.99	13.95	13.72	13.69	13.57	0-0.5	0.0
	50	0	13.97	13.91	13.77	13.62	13.59		0.0
DFT-s-OFDM QPSK	1	1	14.11	13.97	13.83	13.74	13.62	0	0.0
	1	26	13.99	13.90	13.66	13.58	13.64		0.0
	1	49	13.95	13.85	13.85	13.73	13.70		0.0
	25	0	14.10	13.96	13.82	13.71	13.62	0-1	0.0
	25	13	14.08	13.92	13.69	13.70	13.65	0	0.0
	25	26	14.04	13.94	13.77	13.72	13.57	0-1	0.0
	50	0	14.06	13.94	13.80	13.67	13.69		0.0
DFT-s-OFDM 16QAM	1	1	14.40	14.15	14.07	14.11	13.99	0-1	0.0
CP-OFDM QPSK	1	1	14.02	13.87	13.77	13.75	13.69	0-1.5	0.0

Table *I*-167
NR Band n41 PC3 Measured P_{limit} Ant 4b - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]			
DFT-s-OFDM π/2 BPSK	1	1	11.90	11.83	0	0.0
	1	123	11.82	11.82		0.0
	1	243	11.75	11.81		0.0
	120	0	11.78	11.81	0-0.5	0.0
	120	63	11.72	11.75	0	0.0
	120	125	11.68	11.79	0-0.5	0.0
	243	0	11.66	11.76		0.0
DFT-s-OFDM QPSK	1	1	11.88	11.83	0	0.0
	1	123	11.78	11.81		0.0
	1	243	11.68	11.78		0.0
	120	0	11.73	11.80	0-1	0.0
	120	63	11.69	11.71	0	0.0
	120	125	11.67	11.81	0-1	0.0
	243	0	11.70	11.73		0.0
DFT-s-OFDM 16QAM	1	1	11.77	11.71	0-1	0.0
CP-OFDM QPSK	1	1	11.78	11.74	0-1.5	0.0

Table *I*-168
NR Band n41 PC3 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	11.82	11.78	0	0.0
	1	109	11.79	11.77		0.0
	1	215	11.61	11.81		0.0
	108	0	11.69	11.75	0-0.5	0.0
	108	55	11.79	11.75	0	0.0
	108	109	11.75	11.70	0-0.5	0.0
	216	0	11.71	11.63		0.0
DFT-s-OFDM QPSK	1	1	11.79	11.79	0	0.0
	1	109	11.74	11.80		0.0
	1	215	11.59	11.78		0.0
	108	0	11.72	11.74	0-1	0.0
	108	55	11.77	11.77	0	0.0
	108	109	11.76	11.72	0-1	0.0
	216	0	11.67	11.60		0.0
DFT-s-OFDM 16QAM	1	1	11.90	11.92	0-1	0.0
CP-OFDM QPSK	1	1	11.83	11.84	0-1.5	0.0

Table *I*-169
NR Band n41 PC3 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	11.87	11.63	11.84	0	0.0
	1	81	11.74	11.73	11.68		0.0
	1	160	11.73	11.84	11.77		0.0
	81	0	11.74	11.62	11.70	0-0.5	0.0
	81	41	11.73	11.63	11.64	0	0.0
	81	81	11.75	11.82	11.72	0-0.5	0.0
	162	0	11.77	11.64	11.66		0.0
DFT-s-OFDM QPSK	1	1	11.76	11.48	11.69	0	0.0
	1	81	11.61	11.57	11.54		0.0
	1	160	11.58	11.66	11.74		0.0
	81	0	11.70	11.59	11.67	0-1	0.0
	81	41	11.77	11.66	11.65	0	0.0
	81	81	11.76	11.77	11.67	0-1	0.0
	162	0	11.74	11.64	11.67		0.0
DFT-s-OFDM 16QAM	1	1	11.96	11.75	11.92	0-1	0.0
CP-OFDM QPSK	1	1	11.83	11.59	11.76	0-1.5	0.0

Table *I*-170
NR Band n41 PC3 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	11.78	11.64	11.67	0	0.0
	1	67	11.73	11.57	11.56		0.0
	1	131	11.78	11.79	11.63		0.0
	64	0	11.64	11.47	11.46	0-0.5	0.0
	64	35	11.61	11.47	11.56	0	0.0
	64	69	11.65	11.65	11.56	0-0.5	0.0
	128	0	11.61	11.47	11.50		0.0
DFT-s-OFDM QPSK	1	1	11.67	11.48	11.56	0	0.0
	1	67	11.55	11.40	11.42		0.0
	1	131	11.68	11.68	11.58		0.0
	64	0	11.68	11.48	11.52	0-1	0.0
	64	35	11.64	11.51	11.41	0	0.0
	64	69	11.66	11.63	11.51	0-1	0.0
	128	0	11.59	11.46	11.51		0.0
DFT-s-OFDM 16QAM	1	1	12.02	11.75	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.81	11.46	11.66	0-1.5	0.0

Table *I*-171
NR Band n41 PC3 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	11.71	11.50	11.57	11.68	0	0.0
	1	53	11.47	11.33	11.57	11.46		0.0
	1	104	11.64	11.59	11.60	11.61		0.0
	50	0	11.53	11.41	11.43	11.47	0-0.5	0.0
	50	28	11.45	11.28	11.55	11.44	0	0.0
	50	56	11.48	11.32	11.57	11.47	0-0.5	0.0
	100	0	11.50	11.32	11.57	11.51		0.0
DFT-s-OFDM QPSK	1	1	11.51	11.39	11.40	11.53	0	0.0
	1	53	11.41	11.22	11.41	11.33		0.0
	1	104	11.52	11.42	11.54	11.60		0.0
	50	0	11.53	11.38	11.49	11.52	0-1	0.0
	50	28	11.50	11.31	11.54	11.42	0	0.0
	50	56	11.50	11.31	11.53	11.49	0-1	0.0
	100	0	11.53	11.35	11.54	11.50		0.0
DFT-s-OFDM 16QAM	1	1	11.82	11.62	11.68	11.76	0-1	0.0
CP-OFDM QPSK	1	1	11.78	11.48	11.56	11.63	0-1.5	0.0

Table *I*-172
NR Band n41 PC3 Measured P_{limit} Ant 4b - 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 π/2 BPSK	1	1	11.69	11.59	11.47	11.50	11.51	0	0.0
	1	26	11.43	11.50	11.47	11.45	11.48		0.0
	1	49	11.60	11.48	11.50	11.48	11.49		0.0
	25	0	11.57	11.63	11.44	11.57	11.52	0-0.5	0.0
	25	13	11.52	11.58	11.50	11.52	11.44	0	0.0
	25	26	11.53	11.44	11.49	11.52	11.45	0-0.5	0.0
	50	0	11.57	11.57	11.45	11.48	11.46		0.0
DFT-s-OFDM QPSK	1	1	11.70	11.64	11.51	11.51	11.48	0	0.0
	1	26	11.52	11.55	11.43	11.50	11.40		0.0
	1	49	11.63	11.41	11.51	11.53	11.41		0.0
	25	0	11.60	11.62	11.46	11.53	11.52	0-1	0.0
	25	13	11.55	11.55	11.43	11.55	11.48	0	0.0
	25	26	11.46	11.48	11.49	11.49	11.46	0-1	0.0
	50	0	11.56	11.60	11.46	11.56	11.43		0.0
DFT-s-OFDM 16QAM	1	1	12.03	11.91	11.84	11.88	11.84	0-1	0.0
CP-OFDM QPSK	1	1	11.72	11.62	11.50	11.52	11.57	0-1.5	0.0

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Table *I*-173
NR Band n77 PC3 Measured P_{limit} Ant 1 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	8.98	9.14	8.54	0	0.0
	1	123	8.77	8.52	8.62		0.0
	1	243	8.78	8.74	8.53		0.0
	120	0	8.78	8.68	8.57	0-0.5	0.0
	120	63	8.66	8.48	8.45	0	0.0
	120	125	8.72	8.55	8.66	0-0.5	0.0
	243	0	8.76	8.56	8.64		0.0
DFT-s-OFDM QPSK	1	1	8.91	9.16	8.61	0	0.0
	1	123	8.72	8.46	8.49		0.0
	1	243	8.62	8.70	8.58		0.0
	120	0	8.79	8.72	8.56	0-1	0.0
	120	63	8.75	8.54	8.47	0	0.0
	120	125	8.74	8.56	8.69	0-1	0.0
	243	0	8.80	8.56	8.65		0.0
DFT-s-OFDM 16QAM	1	1	9.12	9.25	8.66	0-1	0.0
CP-OFDM QPSK	1	1	8.74	9.22	8.60	0-1.5	0.0

Table *I*-174
NR Band n77 PC3 Measured P_{limit} Ant 1 - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth							
			Channel				
Modulation	RB Size	RB Offset	649334 (3740.01 MHz)	656000 (3840 MHz)	662666 (3939.99 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	9.34	9.32	8.93	0	0.0
	1	109	9.24	8.95	9.24		0.0
	1	215	9.03	9.07	9.04		0.0
	108	0	9.23	8.90	8.96	0-0.5	0.0
	108	55	9.01	9.15	8.99	0	0.0
	108	109	9.06	8.98	9.03	0-0.5	0.0
	216	0	9.10	8.89	9.02		0.0
DFT-s-OFDM QPSK	1	1	9.47	9.30	8.99	0	0.0
	1	109	9.17	9.03	9.17		0.0
	1	215	8.96	9.05	9.02		0.0
	108	0	9.15	8.92	8.98	0-1	0.0
	108	55	9.02	8.99	8.89	0	0.0
	108	109	9.05	8.92	9.01	0-1	0.0
	216	0	9.06	8.93	9.03		0.0
DFT-s-OFDM 16QAM	1	1	9.48	9.32	9.08	0-1	0.0
CP-OFDM QPSK	1	1	9.28	9.22	8.68	0-1.5	0.0

Table *I*-175
NR Band n77 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	9.42	9.24	8.71	8.52	0	0.0
	1	81	9.52	8.90	8.83	8.69		0.0
	1	160	9.21	8.98	8.77	8.53		0.0
	81	0	9.35	9.11	8.99	8.58	0-0.5	0.0
	81	41	9.18	8.85	8.65	8.55	0	0.0
	81	81	9.24	9.21	9.10	8.50	0-0.5	0.0
	162	0	9.24	8.90	8.60	8.56		0.0
DFT-s-OFDM QPSK	1	1	9.41	9.29	8.66	8.53	0	0.0
	1	81	9.36	8.85	8.95	8.64		0.0
	1	160	9.42	8.78	8.79	8.50		0.0
	81	0	9.34	9.10	8.65	8.56	0-1	0.0
	81	41	9.18	8.82	8.66	8.57	0	0.0
	81	81	9.22	9.10	8.61	8.55	0-1	0.0
	162	0	9.26	8.83	8.66	8.57		0.0
DFT-s-OFDM 16QAM	1	1	9.73	9.60	8.82	8.74	0-1	0.0
CP-OFDM QPSK	1	1	9.47	9.30	8.89	8.50	0-1.5	0.0

Table *I*-176
NR Band n77 PC3 Measured P_{limit} Ant 1 - 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 π/2 BPSK	1	1	8.83	9.35	9.21	8.84	9.81	0	0.0
	1	67	8.59	9.22	8.99	8.75	9.85		0.0
	1	131	8.55	9.15	9.12	8.74	9.77		0.0
	64	0	8.74	9.35	8.97	8.98	9.71	0-0.5	0.0
	64	35	8.52	9.11	9.10	9.00	9.91	0	0.0
	64	69	8.56	9.15	8.89	8.94	9.86	0-0.5	0.0
	128	0	8.64	9.17	8.99	8.98	9.68		0.0
DFT-s-OFDM QPSK	1	1	8.82	9.29	9.12	8.91	9.87	0	0.0
	1	67	8.50	9.98	9.15	9.05	9.92		0.0
	1	131	8.53	9.28	8.78	9.02	9.81		0.0
	64	0	8.75	9.58	8.99	8.96	9.65	0-1	0.0
	64	35	8.59	9.29	8.68	8.95	9.93	0	0.0
	64	69	8.86	9.15	8.75	8.93	9.80	0-1	0.0
	128	0	8.63	9.12	8.98	8.95	9.76		0.0
DFT-s-OFDM 16QAM	1	1	9.16	9.56	9.25	8.68	9.62	0-1	0.0
CP-OFDM QPSK	1	1	8.82	9.44	9.03	8.90	9.95	0-1.5	0.0

Table *I*-177
NR Band n77 PC3 Measured P_{limit} Ant 1 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	9.43	10.02	9.31	9.48	9.88	9.52	0	0.0
	1	53	9.56	9.99	9.22	9.22	9.99	9.56		0.0
	1	104	9.22	9.85	9.25	9.10	9.85	9.23		0.0
	50	0	9.34	9.88	9.10	9.35	9.88	9.35	0-0.5	0.0
	50	28	9.35	9.78	9.32	9.11	9.78	9.18	0	0.0
	50	56	9.12	9.85	9.35	9.15	9.00	9.22	0-0.5	0.0
	100	0	9.24	9.88	9.00	9.17	9.22	9.25		0.0
DFT-s-OFDM QPSK	1	1	9.55	9.89	9.36	9.29	9.23	9.41	0	0.0
	1	53	9.15	9.99	9.23	9.75	9.31	9.36		0.0
	1	104	9.35	9.68	9.31	9.28	9.22	9.42		0.0
	50	0	9.38	9.84	9.04	9.26	9.34	9.34	0-1	0.0
	50	28	9.22	9.82	9.45	9.29	9.35	9.14	0	0.0
	50	56	9.54	9.85	9.15	9.15	9.12	9.22	0-1	0.0
	100	0	9.21	9.82	9.04	9.12	9.24	9.26		0.0
DFT-s-OFDM 16QAM	1	1	9.37	9.88	9.12	9.56	9.55	9.52	0-1	0.0
CP-OFDM QPSK	1	1	9.56	9.99	9.35	9.25	9.36	9.47	0-1.5	0.0

Table *I*-178
NR Band n77 PC3 Measured P_{limit} Ant 1 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	9.71	9.78	8.72	8.53	8.65	8.95	0	0.0
	1	26	9.55	9.35	8.71	8.62	8.71	8.57		0.0
	1	49	9.53	9.27	8.51	8.55	8.51	8.53		0.0
	25	0	9.49	9.45	8.65	8.62	8.56	9.35	0-0.5	0.0
	25	13	9.53	9.25	8.62	8.54	8.62	8.46	0	0.0
	25	26	9.43	9.27	8.61	8.56	8.63	8.52	0-0.5	0.0
	50	0	9.50	9.45	8.57	8.57	8.57	8.56		0.0
DFT-s-OFDM QPSK	1	1	9.53	9.69	8.67	8.55	8.53	8.93	0	0.0
	1	26	9.56	9.25	8.65	8.62	8.65	8.55		0.0
	1	49	9.62	9.35	8.56	8.55	8.51	8.42		0.0
	25	0	9.57	9.46	8.59	8.50	8.59	9.20	0-1	0.0
	25	13	9.46	9.42	8.56	8.53	8.52	8.55	0	0.0
	25	26	9.41	9.35	8.55	8.54	8.54	8.54	0-1	0.0
	50	0	9.51	9.49	8.53	8.57	8.53	8.70		0.0
DFT-s-OFDM 16QAM	1	1	9.31	9.31	8.48	8.56	8.52	8.88	0-1	0.0
CP-OFDM QPSK	1	1	9.64	9.56	8.75	8.82	8.56	8.74	0-1.5	0.0

Table *I*-179
NR Band n77 PC3 Measured P_{limit} Ant 2a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	8.40	8.54	8.41	0	0.0
	1	123	8.48	8.69	8.55		0.0
	1	243	8.76	8.44	8.55		0.0
	120	0	8.46	8.32	8.19	0-0.5	0.0
	120	63	8.54	8.46	8.40	0	0.0
	120	125	8.69	8.54	8.42	0-0.5	0.0
	243	0	8.49	8.47	8.37		0.0
DFT-s-OFDM QPSK	1	1	8.36	8.33	8.24	0	0.0
	1	123	8.06	8.73	8.53		0.0
	1	243	8.46	8.41	8.37		0.0
	120	0	8.49	8.24	8.21	0-1	0.0
	120	63	8.58	8.46	8.36	0	0.0
	120	125	8.70	8.57	8.43	0-1	0.0
	243	0	8.49	8.40	8.38		0.0
DFT-s-OFDM 16QAM	1	1	8.67	8.75	8.35	0-1	0.0
CP-OFDM QPSK	1	1	8.51	8.59	8.55	0-1.5	0.0

Table *I*-180
NR Band n77 PC3 Measured P_{limit} Ant 2a - 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 π/2 BPSK	1	1	8.71	8.64	8.23	0	0.0
	1	109	8.72	8.36	8.66		0.0
	1	215	8.48	8.40	8.43		0.0
	108	0	8.48	8.52	8.36	0-0.5	0.0
	108	55	8.50	8.54	8.45	0	0.0
	108	109	8.59	8.51	8.46	0-0.5	0.0
	216	0	8.49	8.40	8.40		0.0
DFT-s-OFDM QPSK	1	1	8.56	8.81	8.33	0	0.0
	1	109	8.52	8.50	8.50		0.0
	1	215	8.43	8.47	8.36		0.0
	108	0	8.41	8.50	8.46	0-1	0.0
	108	55	8.52	8.60	8.52	0	0.0
	108	109	8.56	8.53	8.49	0-1	0.0
	216	0	8.49	8.56	8.45		0.0
DFT-s-OFDM 16QAM	1	1	8.48	8.59	8.71	0-1	0.0
CP-OFDM QPSK	1	1	8.43	8.57	8.45	0-1.5	0.0

Table *I*-181
NR Band n77 PC3 Measured P_{limit} Ant 2a - 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 π/2 BPSK	1	1	8.42	8.31	8.19	8.31	0	0.0
	1	81	8.50	8.22	8.56	8.56		0.0
	1	160	8.62	8.32	8.22	8.38		0.0
	81	0	8.49	8.41	8.31	8.31	0-0.5	0.0
	81	41	8.51	8.30	8.42	8.40	0	0.0
	81	81	8.47	8.35	8.48	8.41	0-0.5	0.0
	162	0	8.45	8.30	8.35	8.36		0.0
DFT-s-OFDM QPSK	1	1	8.26	8.19	8.28	8.29	0	0.0
	1	81	8.51	8.40	8.31	8.45		0.0
	1	160	8.50	8.45	8.36	8.31		0.0
	81	0	8.39	8.46	8.42	8.41	0-1	0.0
	81	41	8.50	8.35	8.48	8.43	0	0.0
	81	81	8.45	8.48	8.36	8.49	0-1	0.0
	162	0	8.41	8.51	8.40	8.40		0.0
DFT-s-OFDM 16QAM	1	1	8.60	8.54	8.45	8.58	0-1	0.0
CP-OFDM QPSK	1	1	8.49	8.62	8.31	8.45	0-1.5	0.0

Table *I*-182
NR Band n77 PC3 Measured P_{limit} Ant 2a - 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 π/2 BPSK	1	1	8.49	8.93	8.48	8.32	9.07	0	0.0
	1	67	8.50	8.77	8.40	8.41	8.70		0.0
	1	131	8.48	8.74	8.41	8.70	8.97		0.0
	64	0	8.42	8.93	8.48	8.38	8.24	0-0.5	0.0
	64	35	8.44	8.98	8.33	8.55	8.22	0	0.0
	64	69	8.35	8.84	8.38	8.53	8.27	0-0.5	0.0
	128	0	8.38	8.92	8.30	8.52	8.35		0.0
DFT-s-OFDM QPSK	1	1	8.61	8.98	8.49	8.41	8.96	0	0.0
	1	67	8.45	9.05	8.24	8.55	8.75		0.0
	1	131	8.25	8.58	8.53	8.18	9.09		0.0
	64	0	8.41	8.98	8.35	8.38	8.10	0-1	0.0
	64	35	8.40	8.94	8.29	8.45	8.36	0	0.0
	64	69	8.47	8.76	8.44	8.44	8.45	0-1	0.0
	128	0	8.38	8.91	8.28	8.49	8.25		0.0
DFT-s-OFDM 16QAM	1	1	8.36	9.04	8.55	8.09	9.03	0-1	0.0
CP-OFDM QPSK	1	1	8.75	8.74	8.12	8.10	8.72	0-1.5	0.0

Table *I*-183
NR Band n77 PC3 Measured P_{limit} Ant 2a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	8.51	8.99	8.63	8.07	8.00	8.20	0	0.0
	1	53	8.55	8.52	8.05	8.03	8.56	8.56		0.0
	1	104	8.63	8.69	8.24	8.75	8.19	8.38		0.0
	50	0	8.52	8.75	8.43	8.02	8.31	8.19	0-0.5	0.0
	50	28	8.55	8.71	8.21	8.43	8.42	8.41	0	0.0
	50	56	8.61	8.73	8.05	8.52	8.48	8.45	0-0.5	0.0
	100	0	8.58	8.30	8.22	8.45	8.09	8.31		0.0
DFT-s-OFDM QPSK	1	1	8.57	8.98	8.72	8.15	8.28	8.29	0	0.0
	1	53	8.66	8.73	8.34	8.22	8.31	8.45		0.0
	1	104	8.68	8.52	8.08	8.26	8.36	8.31		0.0
	50	0	8.55	8.88	8.45	8.19	8.42	8.41	0-1	0.0
	50	28	8.60	8.75	8.10	8.09	8.48	8.43	0	0.0
	50	56	8.52	8.69	8.18	8.25	8.36	8.49	0-1	0.0
	100	0	8.70	8.24	8.30	8.22	8.40	8.40		0.0
DFT-s-OFDM 16QAM	1	1	8.79	8.78	8.84	8.19	8.40	8.48	0-1	0.0
CP-OFDM QPSK	1	1	8.81	8.54	8.69	8.22	8.25	8.45	0-1.5	0.0

Table *I*-184
NR Band n77 PC3 Measured P_{limit} Ant 2a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	8.68	9.26	8.93	8.53	8.39	8.65	0	0.0
	1	26	8.74	9.25	8.61	8.26	8.29	8.81		0.0
	1	49	8.65	9.06	8.48	8.35	8.27	8.78		0.0
	25	0	8.64	9.05	8.57	8.40	8.43	8.62	0-0.5	0.0
	25	13	8.58	9.20	8.45	8.25	8.22	8.52	0	0.0
	25	26	8.65	9.26	8.28	8.12	8.21	8.68	0-0.5	0.0
	50	0	8.56	9.35	8.06	8.66	8.36	8.49		0.0
DFT-s-OFDM QPSK	1	1	8.75	9.47	8.69	8.33	8.40	8.85	0	0.0
	1	26	8.47	9.30	8.55	8.25	8.16	8.39		0.0
	1	49	8.60	9.20	8.47	8.16	8.21	8.49		0.0
	25	0	8.61	9.46	8.69	8.37	8.49	8.62	0-1	0.0
	25	13	8.65	9.22	7.93	8.25	8.26	8.38	0	0.0
	25	26	8.51	9.23	8.05	8.11	8.22	8.65	0-1	0.0
	50	0	8.70	9.34	8.29	8.29	8.51	8.53		0.0
DFT-s-OFDM 16QAM	1	1	8.59	9.47	8.85	8.47	8.65	8.68	0-1	0.0
CP-OFDM QPSK	1	1	8.58	9.28	8.21	8.00	8.79	8.78	0-1.5	0.0

Table *I*-185
NR Band n77 PC3 Measured P_{limit} Ant 3 - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	9.50	9.91	9.26	0	0.0
	1	123	9.55	9.47	9.28		0.0
	1	243	9.26	9.41	9.35		0.0
	120	0	9.44	9.63	9.27	0-0.5	0.0
	120	63	9.50	9.50	9.33	0	0.0
	120	125	9.56	9.40	9.27	0-0.5	0.0
	243	0	9.56	9.60	9.35		0.0
DFT-s-OFDM QPSK	1	1	9.52	10.00	9.25	0	0.0
	1	123	9.34	9.38	9.30		0.0
	1	243	9.38	9.35	9.27		0.0
	120	0	9.47	9.60	9.32	0-1	0.0
	120	63	9.47	9.37	9.27	0	0.0
	120	125	9.57	9.51	9.29	0-1	0.0
	243	0	9.51	9.60	9.36		0.0
DFT-s-OFDM 16QAM	1	1	9.67	10.24	9.52	0-1	0.0
CP-OFDM QPSK	1	1	9.27	9.73	9.26	0-1.5	0.0

Table *I*-186
NR Band n77 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	9.53	9.85	9.25	0	0.0
	1	109	9.47	9.38	9.29		0.0
	1	215	9.41	9.29	9.35		0.0
	108	0	9.53	9.60	9.33	0-0.5	0.0
	108	55	9.59	9.35	9.52	0	0.0
	108	109	9.48	9.28	9.37	0-0.5	0.0
	216	0	9.54	9.37	9.35		0.0
DFT-s-OFDM QPSK	1	1	9.42	9.86	9.27	0	0.0
	1	109	9.48	9.33	9.38		0.0
	1	215	9.45	9.28	9.29		0.0
	108	0	9.57	9.56	9.40	0-1	0.0
	108	55	9.59	9.35	9.35	0	0.0
	108	109	9.53	9.38	9.28	0-1	0.0
	216	0	9.55	9.39	9.37		0.0
DFT-s-OFDM 16QAM	1	1	9.55	9.97	9.26	0-1	0.0
CP-OFDM QPSK	1	1	9.25	9.71	9.37	0-1.5	0.0

Table *I*-187
NR Band n77 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	9.62	9.74	9.25	9.28	0	0.0
	1	81	9.58	9.43	9.30	9.29		0.0
	1	160	9.40	9.46	9.35	9.36		0.0
	81	0	9.44	9.70	9.33	9.33	0-0.5	0.0
	81	41	9.53	9.68	9.47	9.31	0	0.0
	81	81	9.52	9.53	9.37	9.37	0-0.5	0.0
	162	0	9.48	9.60	9.35	9.35		0.0
DFT-s-OFDM QPSK	1	1	9.48	9.83	9.27	9.27	0	0.0
	1	81	9.61	9.36	9.38	9.38		0.0
	1	160	9.40	9.46	9.37	9.40		0.0
	81	0	9.45	9.63	9.40	9.40	0-1	0.0
	81	41	9.47	9.60	9.35	9.36	0	0.0
	81	81	9.45	9.52	9.28	9.28	0-1	0.0
	162	0	9.60	9.57	9.36	9.35		0.0
DFT-s-OFDM 16QAM	1	1	9.46	9.61	9.26	9.29	0-1	0.0
CP-OFDM QPSK	1	1	9.25	9.77	9.41	9.27	0-1.5	0.0

Table *I*-188
NR Band n77 PC3 Measured P_{limit} Ant 3 - 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 π/2 BPSK	1	1	9.50	9.74	9.25	9.28	9.30	0	0.0
	1	67	9.47	9.43	9.30	9.29	9.31		0.0
	1	131	9.48	9.46	9.35	9.36	9.40		0.0
	64	0	9.57	9.70	9.33	9.32	9.33	0-0.5	0.0
	64	35	9.46	9.68	9.47	9.31	9.47	0	0.0
	64	69	9.50	9.53	9.37	9.37	9.37	0-0.5	0.0
	128	0	9.58	9.60	9.35	9.35	9.35		0.0
DFT-s-OFDM QPSK	1	1	9.62	9.83	9.27	9.25	9.26	0	0.0
	1	67	9.54	9.36	9.36	9.38	9.40		0.0
	1	131	9.47	9.46	9.37	9.40	9.29		0.0
	64	0	9.53	9.63	9.36	9.41	9.40	0-1	0.0
	64	35	9.47	9.60	9.35	9.36	9.35	0	0.0
	64	69	9.64	9.52	9.26	9.28	9.27	0-1	0.0
	128	0	9.59	9.57	9.36	9.35	9.37		0.0
DFT-s-OFDM 16QAM	1	1	9.25	9.61	9.26	9.29	9.26	0-1	0.0
CP-OFDM QPSK	1	1	9.49	9.77	9.41	9.27	9.37	0-1.5	0.0

Table *I*-189
NR Band n77 PC3 Measured P_{limit} Ant 3 - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	9.35	9.73	9.49	9.61	9.64	9.30		0.0
	1	53	9.42	9.47	9.26	9.46	9.61	9.26	0	0.0
	1	104	9.38	9.60	9.37	9.47	9.50	9.37		0.0
	50	0	9.55	10.07	9.40	9.42	10.00	9.41	0-0.5	0.0
	50	28	9.39	9.86	9.30	9.25	9.88	9.30	0	0.0
	50	56	9.50	9.83	9.33	9.35	9.49	9.33	0-0.5	0.0
	100	0	9.60	9.77	9.30	9.32	9.87	9.30		0.0
DFT-s-OFDM QPSK	1	1	9.63	9.75	9.53	9.63	9.71	9.40		0.0
	1	53	9.46	9.60	9.27	9.47	9.53	9.27	0	0.0
	1	104	9.43	9.76	9.28	9.27	9.74	9.28		0.0
	50	0	9.42	10.03	9.30	9.31	9.97	9.32	0-1	0.0
	50	28	9.30	9.85	9.36	9.30	9.93	9.40	0	0.0
	50	56	9.26	9.85	9.35	9.36	9.84	9.35	0-1	0.0
	100	0	9.52	9.78	9.30	9.31	9.80	9.33		0.0
DFT-s-OFDM 16QAM	1	1	9.63	10.11	9.35	9.63	9.83	9.36	0-1	0.0
CP-OFDM QPSK	1	1	9.62	9.62	9.56	9.62	9.54	9.52	0-1.5	0.0

Table *I*-190
NR Band n77 PC3 Measured P_{limit} Ant 3 - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	9.20	10.18	9.30	9.01	9.02	9.74		0.0
	1	26	9.19	9.78	9.15	9.04	9.10	9.60	0	0.0
	1	49	9.30	9.84	9.05	9.17	9.12	9.45		0.0
	25	0	9.03	9.98	9.03	9.03	9.05	9.54	0-0.5	0.0
	25	13	9.07	9.86	9.04	9.02	9.03	9.49	0	0.0
	25	26	9.15	9.78	9.00	9.10	9.01	9.59	0-0.5	0.0
	50	0	9.08	9.88	9.02	9.12	9.05	9.56		0.0
DFT-s-OFDM QPSK	1	1	9.05	10.05	9.22	9.02	9.06	9.65		0.0
	1	26	9.04	9.86	9.01	9.03	9.05	9.61	0	0.0
	1	49	9.08	9.70	9.03	9.00	9.08	9.60		0.0
	25	0	9.15	9.91	9.04	9.03	9.06	9.54	0-1	0.0
	25	13	9.09	9.85	9.05	9.01	9.11	9.51	0	0.0
	25	26	9.18	9.77	9.01	9.10	9.13	9.43	0-1	0.0
	50	0	9.06	9.88	9.09	9.09	9.09	9.57		0.0
DFT-s-OFDM 16QAM	1	1	9.15	9.99	9.00	9.01	9.12	9.80	0-1	0.0
CP-OFDM QPSK	1	1	9.15	10.09	9.12	9.05	9.00	9.62	0-1.5	0.0

Table *I*-191
NR Band n77 PC3 Measured P_{limit} Ant 4a - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth							
Modulation	RB Size	RB Offset	649668 (3745.02 MHz)	656000 (3840 MHz)	662332 (3934.98 MHz)	MPR Allowed per 3GPP [dB]	MPR [dB]
			Conducted Power [dBm]				
DFT-s-OFDM π/2 BPSK	1	1	8.34	8.68	8.43	0	0.0
	1	123	8.56	8.42	8.75		0.0
	1	243	8.52	8.43	8.98		0.0
	120	0	8.19	8.32	8.55	0-0.5	0.0
	120	63	8.31	8.42	8.65	0	0.0
	120	125	8.43	8.54	8.89	0-0.5	0.0
	243	0	8.31	8.47	8.67		0.0
DFT-s-OFDM QPSK	1	1	8.28	8.69	8.32	0	0.0
	1	123	8.45	8.37	8.79		0.0
	1	243	8.46	8.44	9.00		0.0
	120	0	8.19	8.37	8.56	0-1	0.0
	120	63	8.35	8.40	8.70	0	0.0
	120	125	8.50	8.51	8.83	0-1	0.0
	243	0	8.29	8.47	8.71		0.0
DFT-s-OFDM 16QAM	1	1	8.35	8.53	8.22	0-1	0.0
CP-OFDM QPSK	1	1	8.15	8.44	8.30	0-1.5	0.0

Table *I*-192
NR Band n77 PC3 Measured P_{limit} Ant 4a - 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 π/2 BPSK	1	1	8.30	8.70	8.58	0	0.0
	1	109	8.41	8.61	8.89		0.0
	1	215	8.57	8.65	8.98		0.0
	108	0	8.24	8.43	8.60	0-0.5	0.0
	108	55	8.32	8.58	8.81	0	0.0
	108	109	8.48	8.65	8.91	0-0.5	0.0
	216	0	8.36	8.52	8.77		0.0
DFT-s-OFDM QPSK	1	1	8.27	8.67	8.52	0	0.0
	1	109	8.32	8.58	8.84		0.0
	1	215	8.45	8.53	8.97		0.0
	108	0	8.23	8.45	8.62	0-1	0.0
	108	55	8.32	8.55	8.78	0	0.0
	108	109	8.47	8.63	8.93	0-1	0.0
	216	0	8.29	8.49	8.76		0.0
DFT-s-OFDM 16QAM	1	1	8.26	8.60	8.44	0-1	0.0
CP-OFDM QPSK	1	1	8.17	8.59	8.34	0-1.5	0.0

Table *I*-193
NR Band n77 PC3 Measured P_{limit} Ant 4a - 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 π/2 BPSK	1	1	8.37	8.71	8.70	8.71	0	0.0
	1	81	8.41	8.89	8.87	9.00		0.0
	1	160	8.60	8.64	8.60	9.10		0.0
	81	0	8.29	8.71	8.74	8.80	0-0.5	0.0
	81	41	8.41	8.72	8.70	8.98	0	0.0
	81	81	8.43	8.62	8.64	9.02	0-0.5	0.0
	162	0	8.38	8.79	8.70	8.90		0.0
DFT-s-OFDM QPSK	1	1	8.31	8.64	8.58	8.75	0	0.0
	1	81	8.29	8.86	8.88	8.89		0.0
	1	160	8.55	8.60	8.62	9.08		0.0
	81	0	8.29	8.76	8.69	8.85	0-1	0.0
	81	41	8.35	8.81	8.77	8.94	0	0.0
	81	81	8.44	8.74	8.66	9.08	0-1	0.0
	162	0	8.38	8.75	8.69	8.95		0.0
DFT-s-OFDM 16QAM	1	1	8.30	8.72	8.53	8.72	0-1	0.0
CP-OFDM QPSK	1	1	8.24	8.60	8.49	8.69	0-1.5	0.0

Table *I*-194
NR Band n77 PC3 Measured P_{limit} Ant 4a - 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 π/2 BPSK	1	1	8.37	8.75	8.71	8.78	8.92	0	0.0
	1	67	8.44	9.00	8.75	8.63	8.98		0.0
	1	131	8.49	9.03	8.97	8.82	9.20		0.0
	64	0	8.33	8.88	8.69	8.71	8.93	0-0.5	0.0
	64	35	8.43	8.90	8.74	8.69	9.00	0	0.0
	64	69	8.48	9.00	8.89	8.70	9.17	0-0.5	0.0
	128	0	8.42	8.88	8.74	8.67	8.98		0.0
DFT-s-OFDM QPSK	1	1	8.28	8.72	8.85	8.77	8.71	0	0.0
	1	67	8.39	8.93	8.68	8.64	8.97		0.0
	1	131	8.52	8.94	8.97	8.78	9.18		0.0
	64	0	8.32	8.85	8.79	8.75	8.85	0-1	0.0
	64	35	8.44	8.95	8.70	8.65	9.04	0	0.0
	64	69	8.49	8.95	8.85	8.71	9.15	0-1	0.0
	128	0	8.42	8.91	8.71	8.73	8.95		0.0
DFT-s-OFDM 16QAM	1	1	8.26	8.68	8.69	8.69	8.74	0-1	0.0
CP-OFDM QPSK	1	1	8.47	8.60	8.64	8.68	8.72	0-1.5	0.0

Table *I*-195
NR Band n77 PC3 Measured P_{limit} Ant 4a - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	8.24	8.65	8.88	8.52	8.44	8.68	0	0.0
	1	53	8.16	8.69	8.53	8.74	8.43	8.69		0.0
	1	104	8.47	8.87	8.62	8.71	8.66	8.97		0.0
	50	0	8.11	8.49	8.61	8.57	8.43	8.74	0-0.5	0.0
	50	28	8.23	8.65	8.64	8.59	8.46	8.68	0	0.0
	50	56	8.20	8.80	8.58	8.79	8.60	8.84	0-0.5	0.0
	100	0	8.17	8.60	8.67	8.69	8.44	8.77		0.0
DFT-s-OFDM QPSK	1	1	8.22	8.55	8.86	8.56	8.46	8.72	0	0.0
	1	53	8.12	8.59	8.52	8.72	8.53	8.77		0.0
	1	104	8.47	8.91	8.63	8.61	8.68	8.91		0.0
	50	0	8.11	8.40	8.55	8.50	8.42	8.67	0-1	0.0
	50	28	8.15	8.59	8.63	8.64	8.41	8.73	0	0.0
	50	56	8.27	8.71	8.59	8.71	8.63	8.85	0-1	0.0
	100	0	8.14	8.68	8.65	8.58	8.52	8.72		0.0
DFT-s-OFDM 16QAM	1	1	8.19	8.44	8.79	8.47	8.43	8.58	0-1	0.0
CP-OFDM QPSK	1	1	8.09	8.34	8.71	8.46	8.42	8.66	0-1.5	0.0

Table *I*-196
NR Band n77 PC3 Measured P_{limit} Ant 4a - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth										
			Channel						MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	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	8.37	8.72	8.89	8.84	8.54	8.96	0	0.0
	1	26	8.22	8.54	8.91	8.89	8.46	8.76		0.0
	1	49	8.27	8.96	8.76	8.89	8.76	9.00		0.0
	25	0	8.32	8.57	8.95	8.76	8.49	8.92	0-0.5	0.0
	25	13	8.17	8.61	8.85	8.71	8.45	8.89	0	0.0
	25	26	8.16	8.59	8.89	8.70	8.56	8.87	0-0.5	0.0
	50	0	8.19	8.65	8.90	8.73	8.49	8.95		0.0
DFT-s-OFDM QPSK	1	1	8.32	8.70	8.90	8.82	8.47	8.93	0	0.0
	1	26	8.20	8.69	8.77	8.79	8.54	8.88		0.0
	1	49	8.15	8.85	8.89	8.79	8.72	9.10		0.0
	25	0	8.23	8.67	8.91	8.81	8.54	8.89	0-1	0.0
	25	13	8.18	8.62	8.86	8.70	8.48	8.92	0	0.0
	25	26	8.24	8.69	8.84	8.77	8.53	8.95	0-1	0.0
	50	0	8.18	8.66	8.86	8.73	8.51	8.91		0.0
DFT-s-OFDM 16QAM	1	1	8.24	8.60	8.73	8.80	8.33	8.86	0-1	0.0
CP-OFDM QPSK	1	1	8.30	8.56	8.77	8.68	8.46	8.90	0-1.5	0.0

APPENDIX J: WIFI TIME-AVERAGED SAR VERIFICATION

J.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.

Table J-1
Test Configurations for WIFI Time-Averaged SAR Verification

Mode	Antenna	Channel	Plim (dBm)	Plim (mW)
802.11b, 22 MHz Bandwidth	4a	7	12	16
802.11b, 22 MHz Bandwidth (Reduced)	4a	7	9	8
802.11b, 22 MHz Bandwidth	2a	7	11.5	14
802.11a, 20 MHz Bandwidth	5b	149	17.75	60
802.11a, 20 MHz Bandwidth	4b	149	11.5	13

Plim is the maximum time-averaged output power evaluated for SAR compliance

Note1: For the time-averaged 5 GHz Ant 4B testing, the Plimit set in the device software at the time of testing was 11.25 dBm. The corresponding values in mW above were used to assess the time-averaged algorithm with the parameters loaded onto the device at the time of testing.

J.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 4a to antenna 2a at Time = 120 s, while Figures J-3 and J-4 show a comparable transition for antenna 5b to antenna 4b 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.

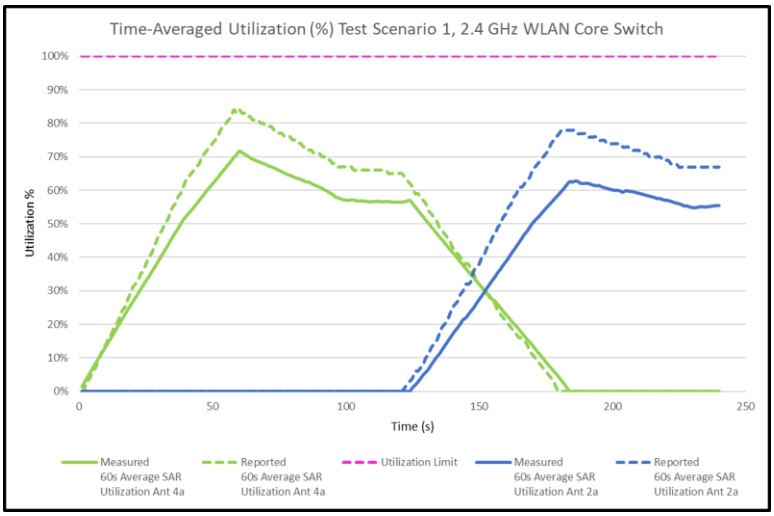

Figure J-1
60s Average SAR Utilization vs. Time, 2.4 GHz

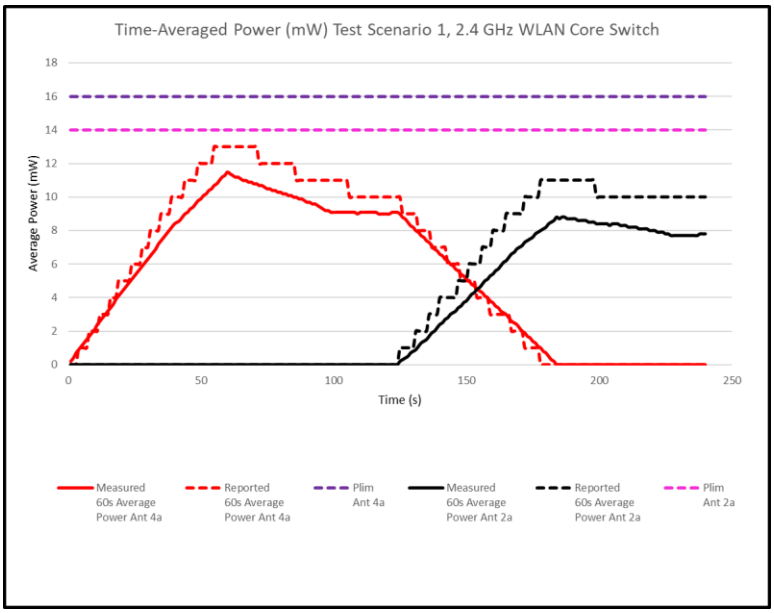

Figure J-2
60s Average Power vs. Time, 2.4 GHz

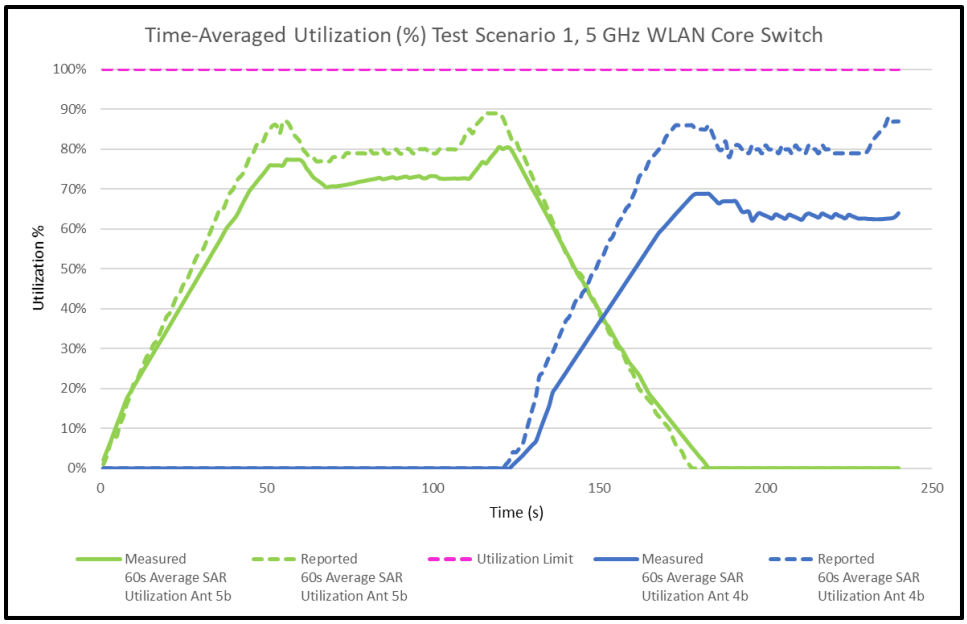

Figure J-3
60s Average SAR Utilization vs. Time, 5 GHz

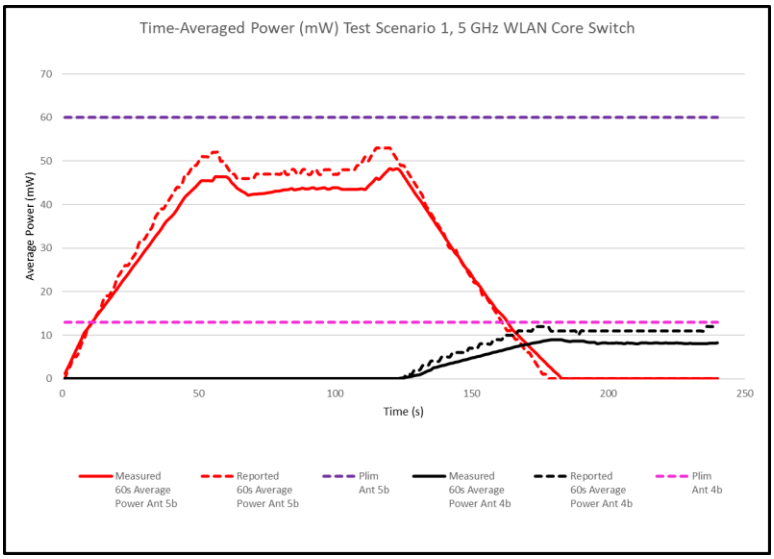

Figure J-4
60s Average Power vs. Time, 5 GHz

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 Ant 4a transmitter is active at 100% duty cycle until Time = 120 s. When 2.4 GHz transmissions cease, the 5 GHz Ant 5b 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.

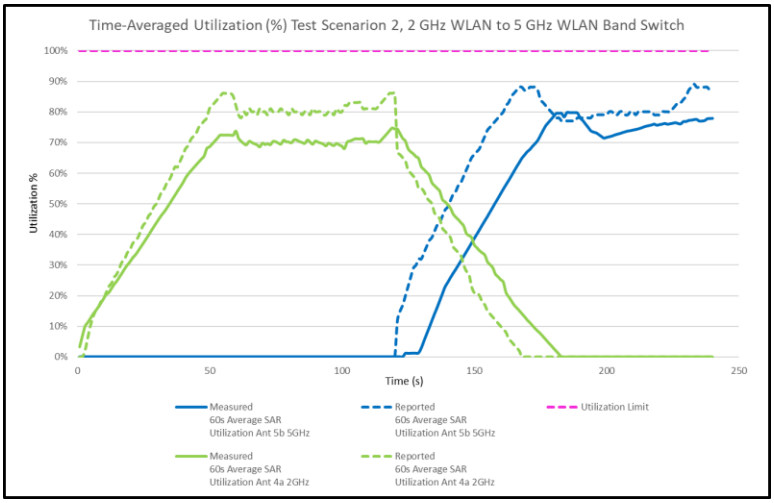

Figure J-5
60s Average Utilization vs. Time during Band Switch

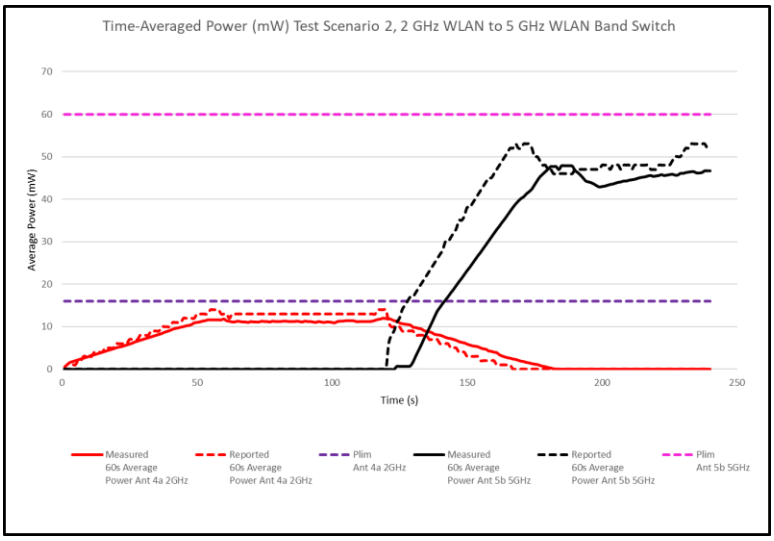

Figure J-6
60s Average Power vs. Time during Band Switch

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 4a 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.

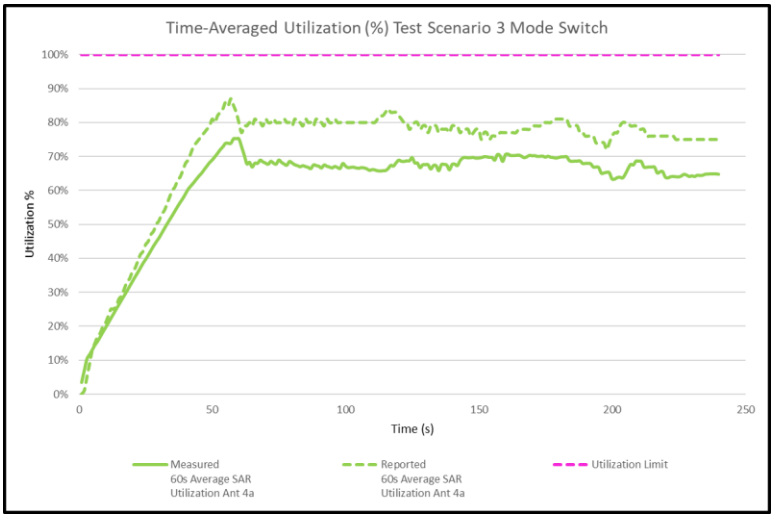

Figure J-7
60s Average Utilization vs. Time during Mode Switch

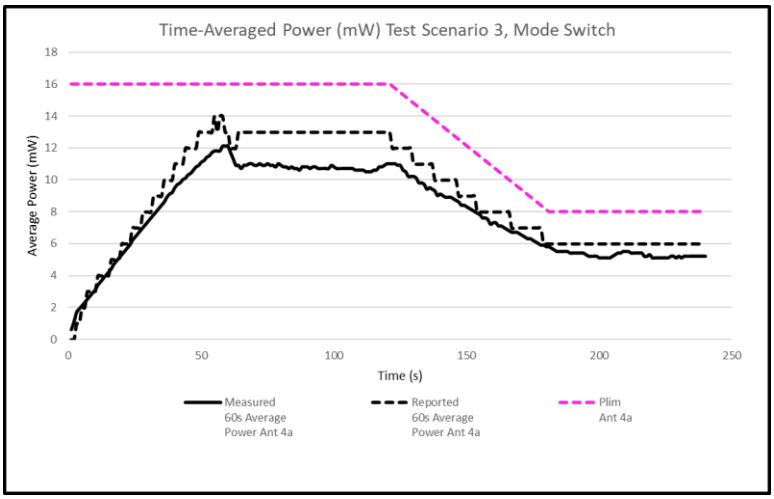

Figure J-8
60s Average Power vs. Time during Mode Switch