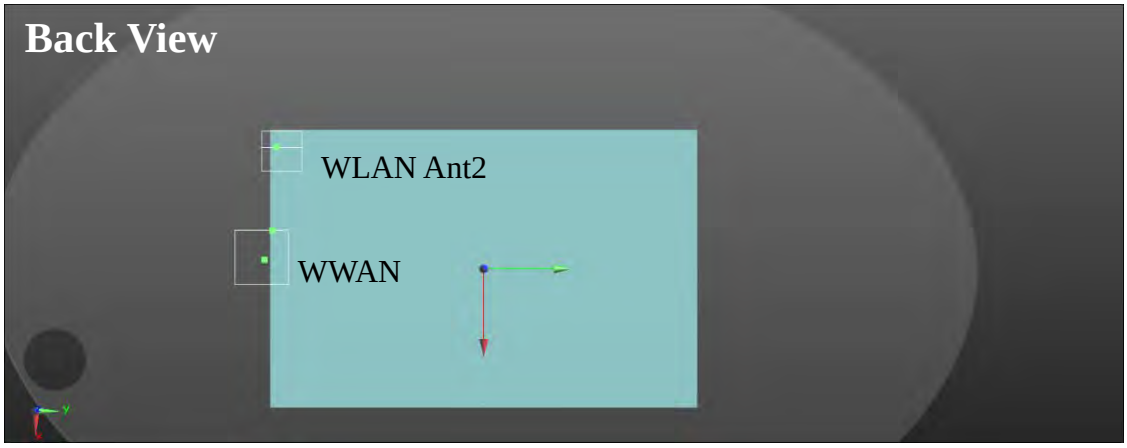
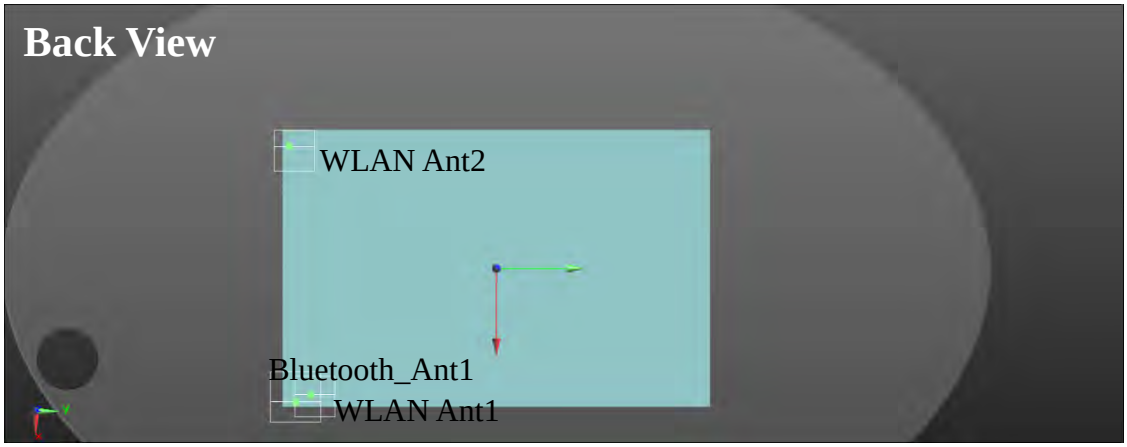
LTE Band 66 -> WLAN Ant2 5G

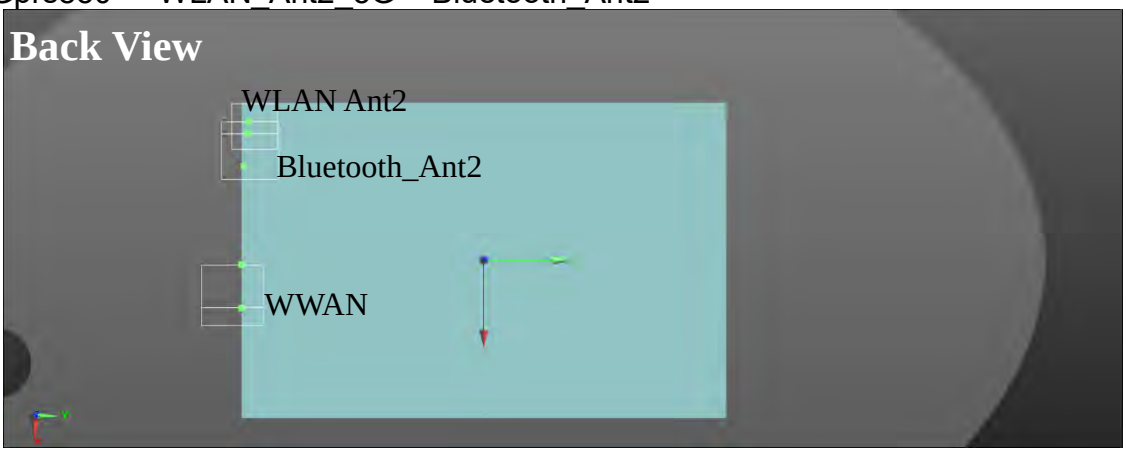


Scenario 7 Back side

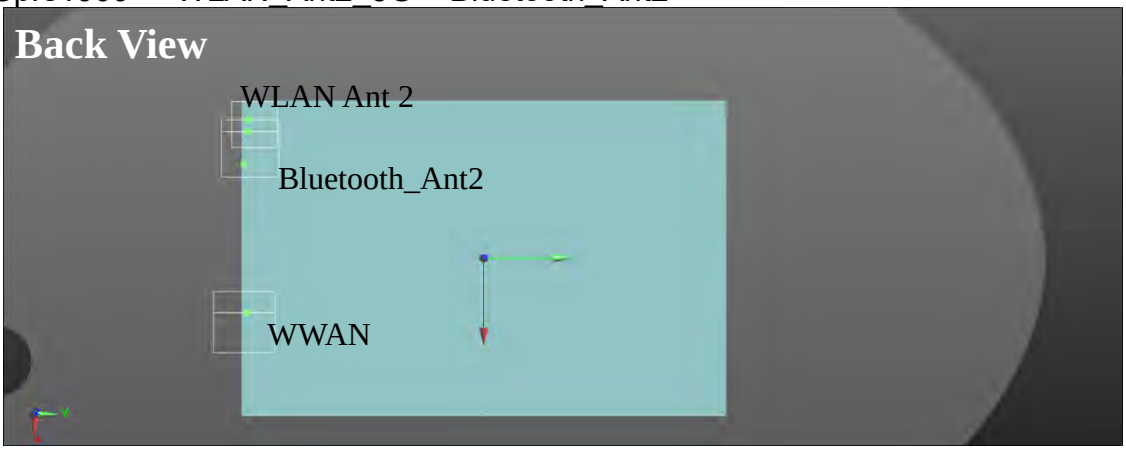


Scenario 8 Back side

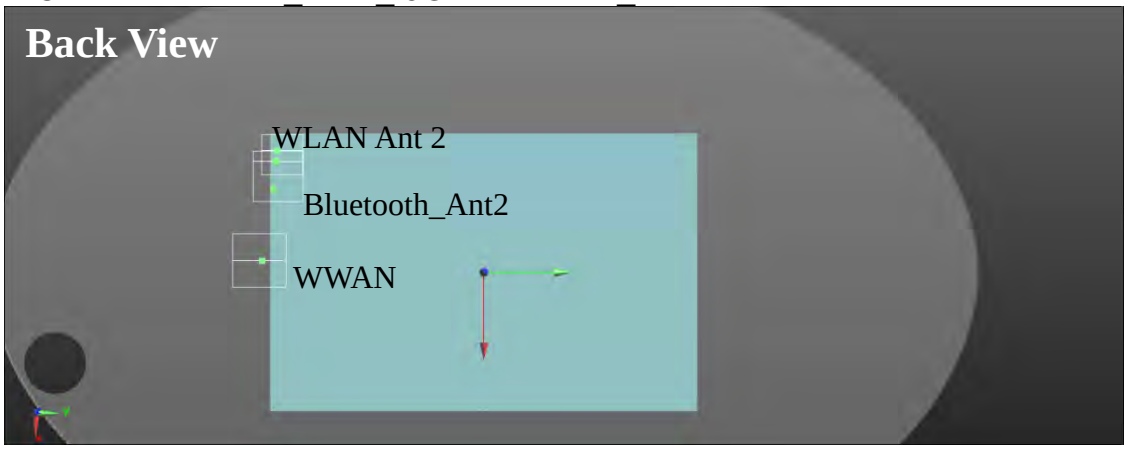
Gprs850 -> WLAN_Ant2_5G + Bluetooth_Ant2



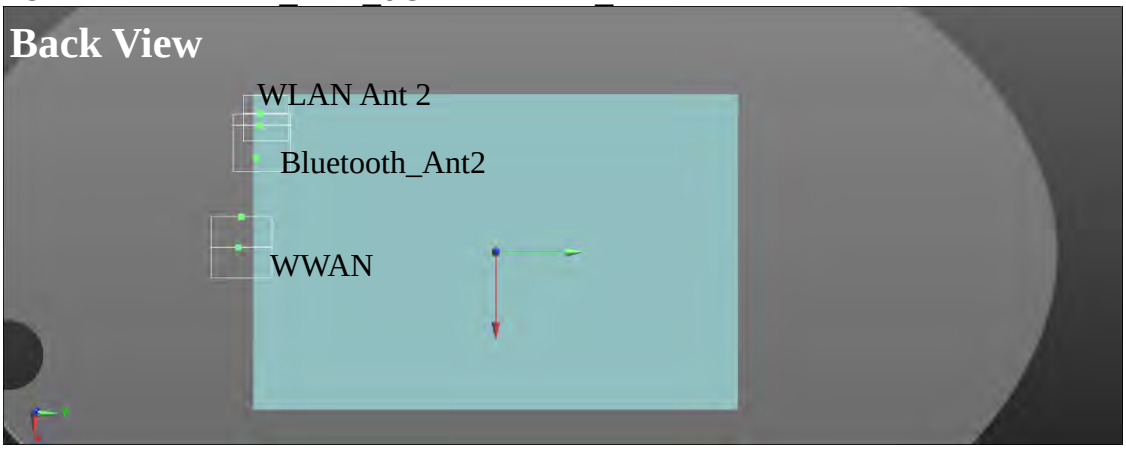
Gprs1900 -> WLAN_Ant2_5G + Bluetooth_Ant2



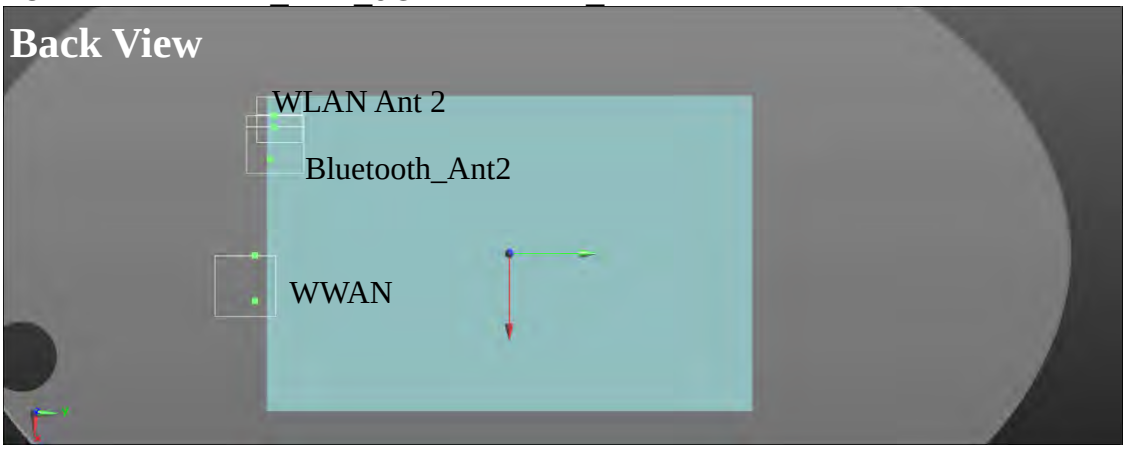
WCDMA II-> WLAN_Ant2 _ 5G + Bluetooth_Ant2



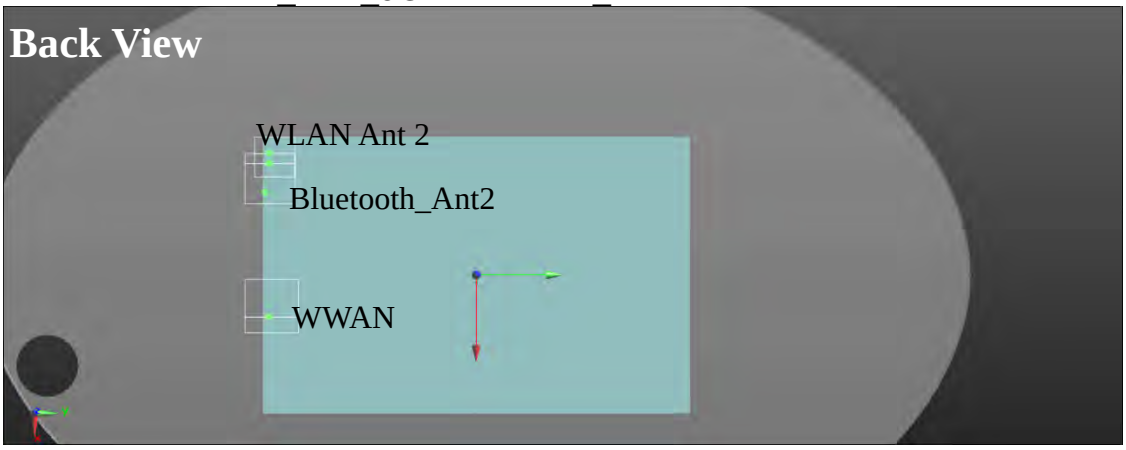
WCDMA IV-> WLAN_Ant2_5G + Bluetooth_Ant2



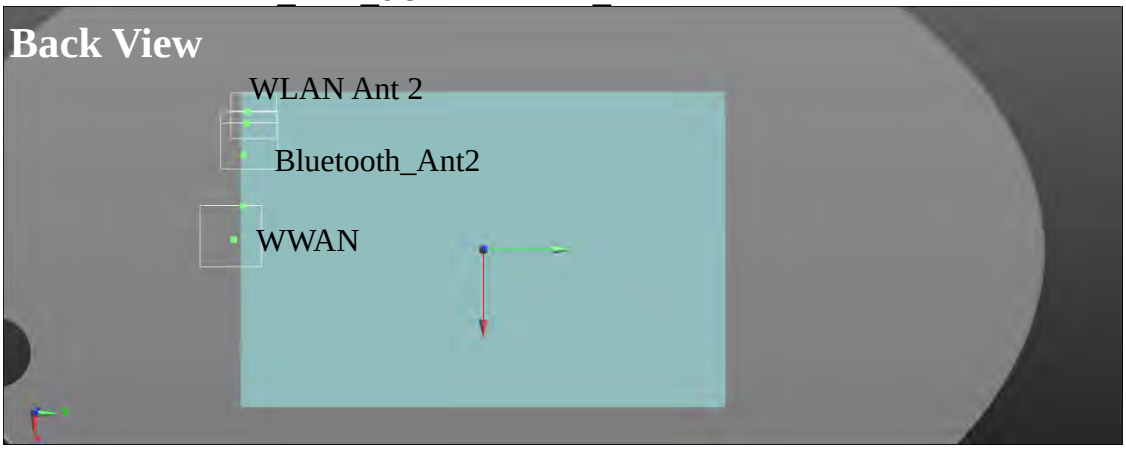
WCDMA V-> WLAN_Ant2_5G + Bluetooth_Ant2



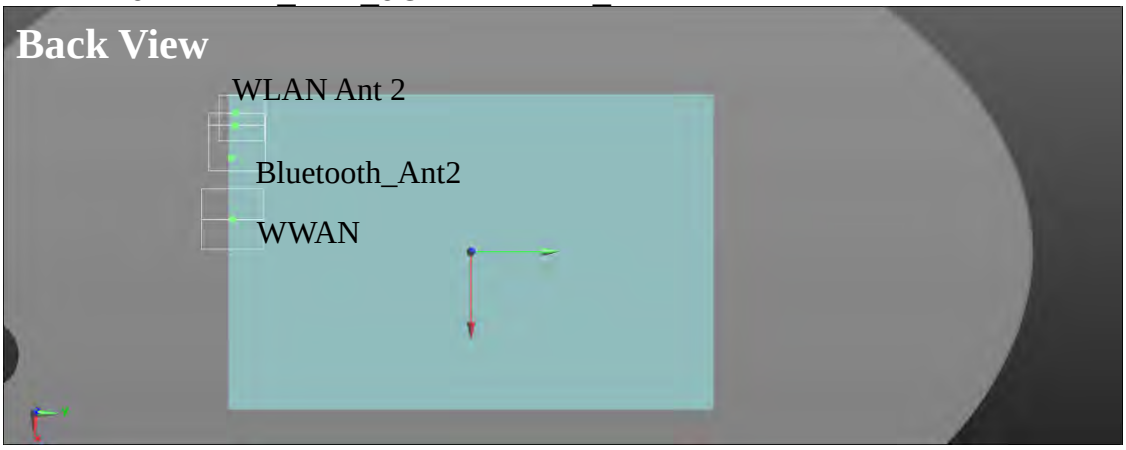
LTE Band2-> WLAN_Ant2_5G + Bluetooth_Ant2



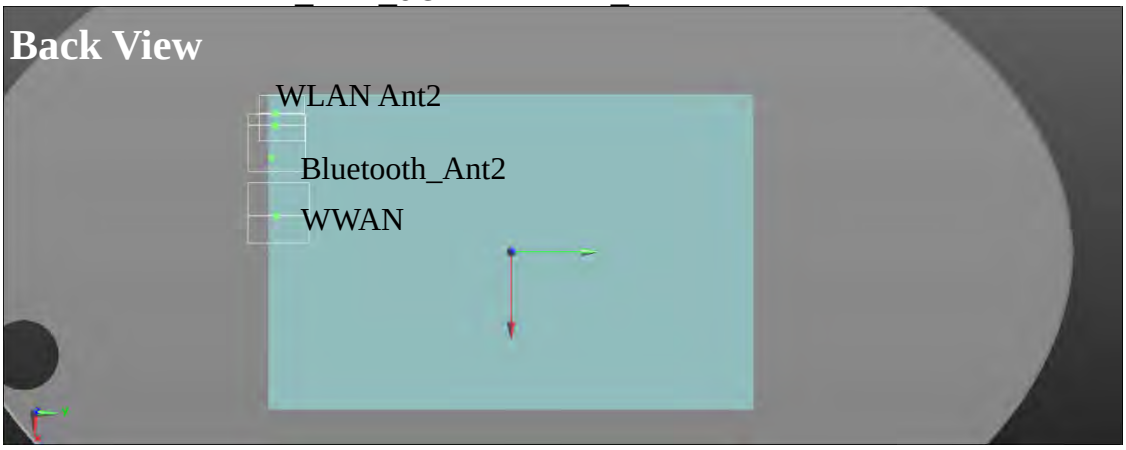
LTE Band4-> WLAN_Ant2_5G + Bluetooth_Ant2



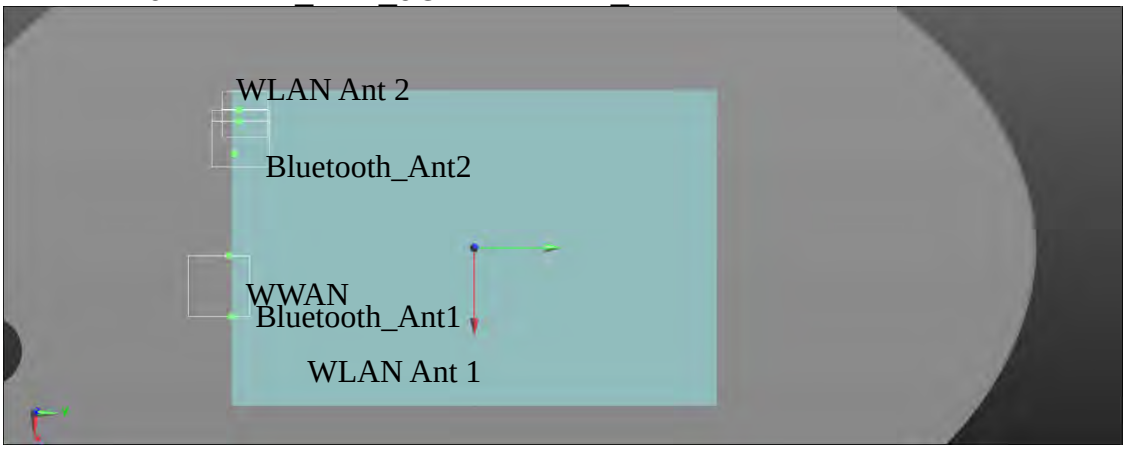
LTE Band5-> WLAN_Ant2_5G + Bluetooth_Ant2



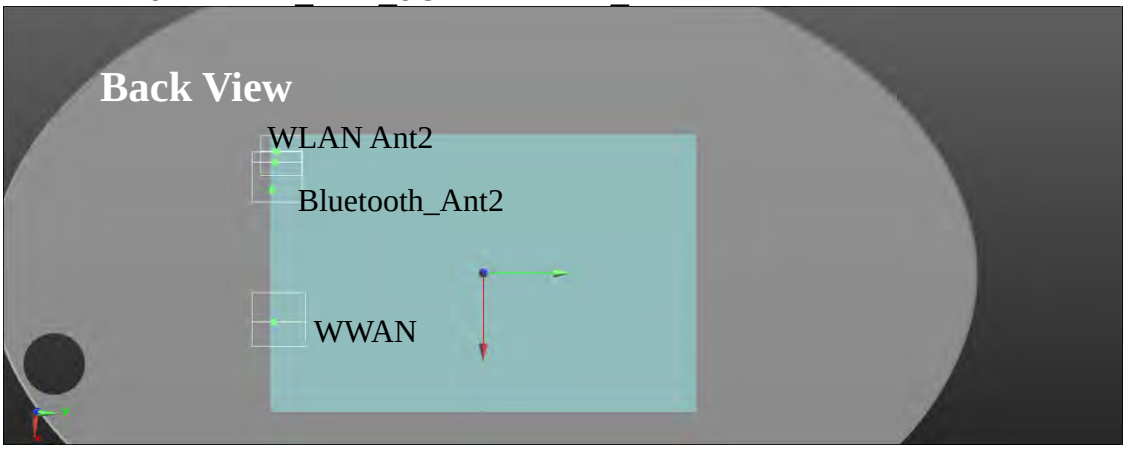
LTE Band12-> WLAN_Ant2_5G + Bluetooth_Ant2



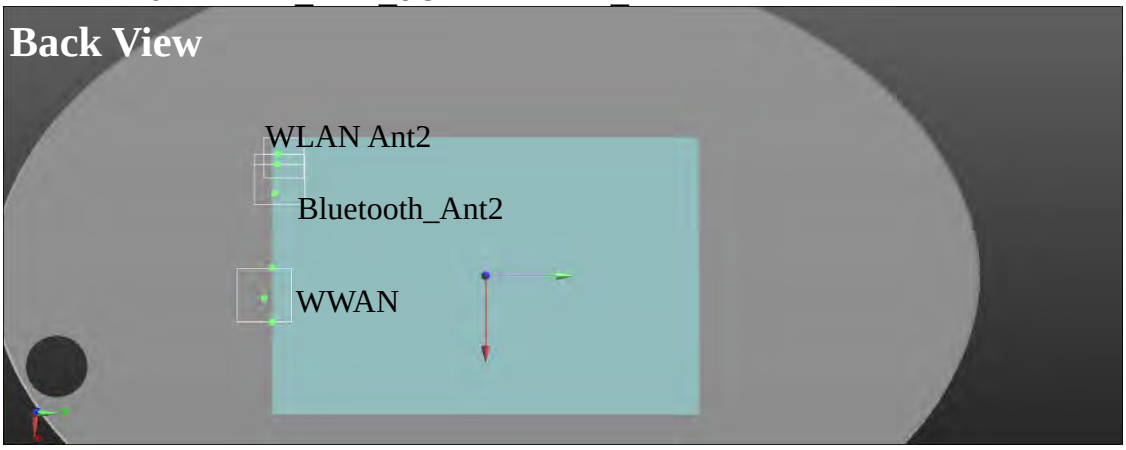
LTE Band13-> WLAN_Ant2_5G + Bluetooth_Ant2



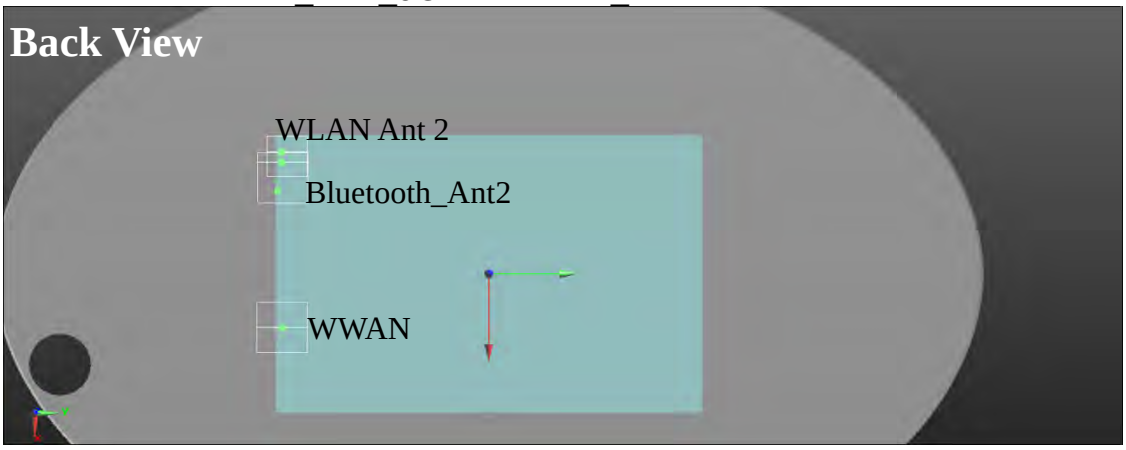
LTE Band25-> WLAN_Ant2_5G + Bluetooth_Ant2



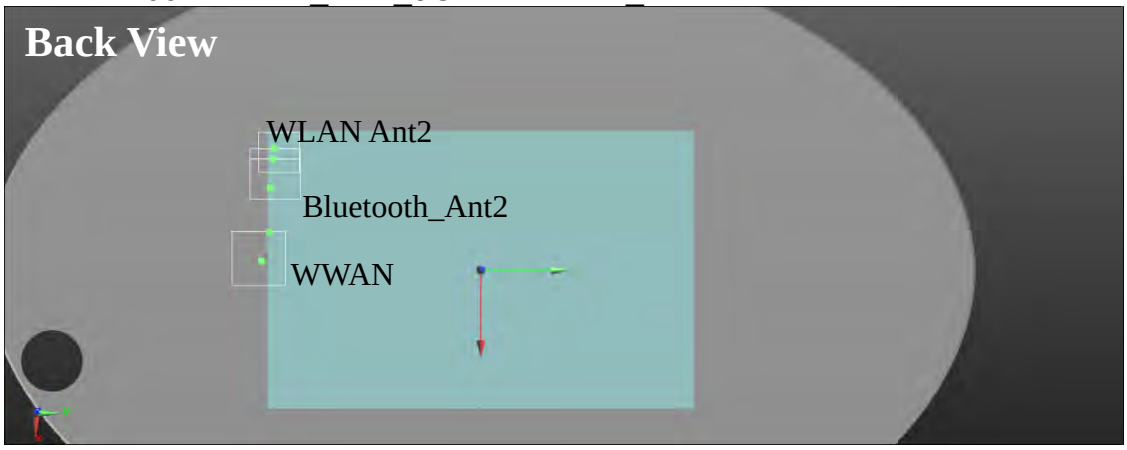
LTE Band26-> WLAN_Ant2_5G + Bluetooth_Ant2



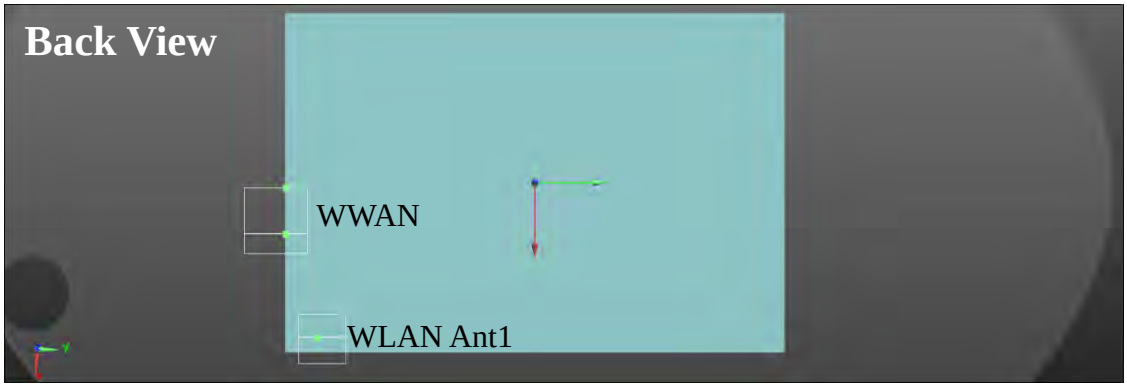
LTE Band41-> WLAN_Ant2_5G + Bluetooth_Ant2



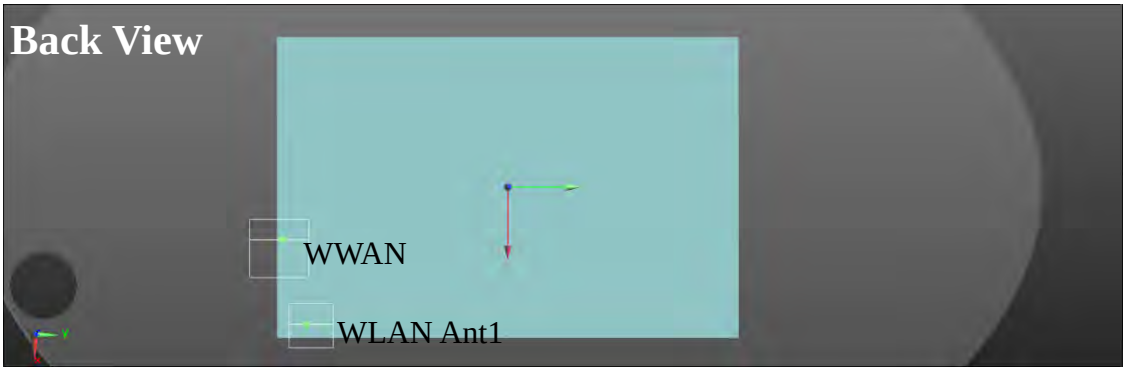
LTE Band66-> WLAN_Ant2_5G + Bluetooth_Ant2



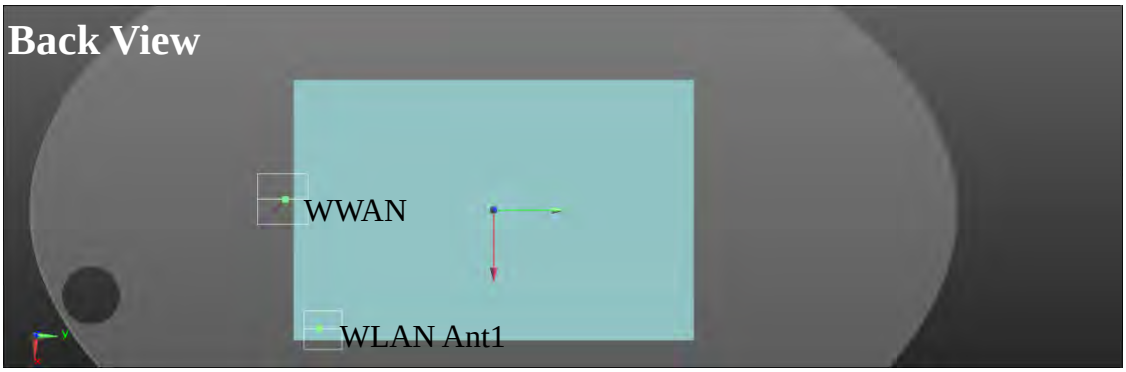
GPRS 850 -> WLAN Ant1 5G



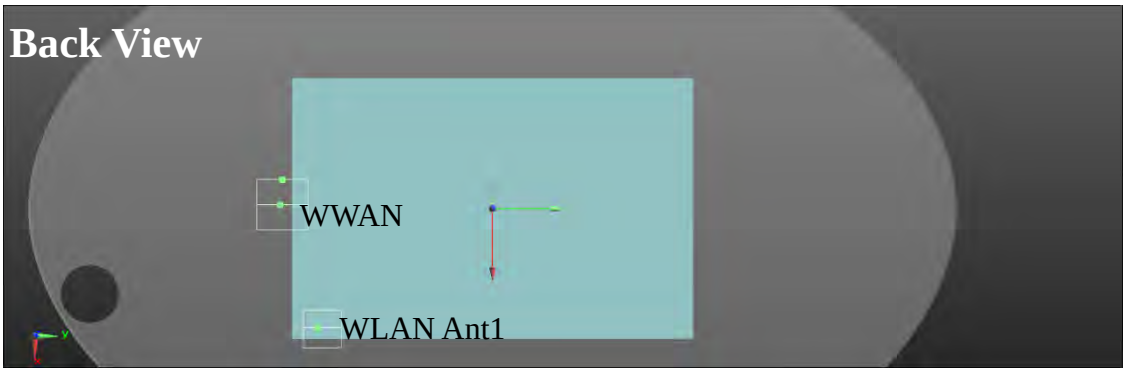
GPRS 1900 -> WLAN Ant1 5G



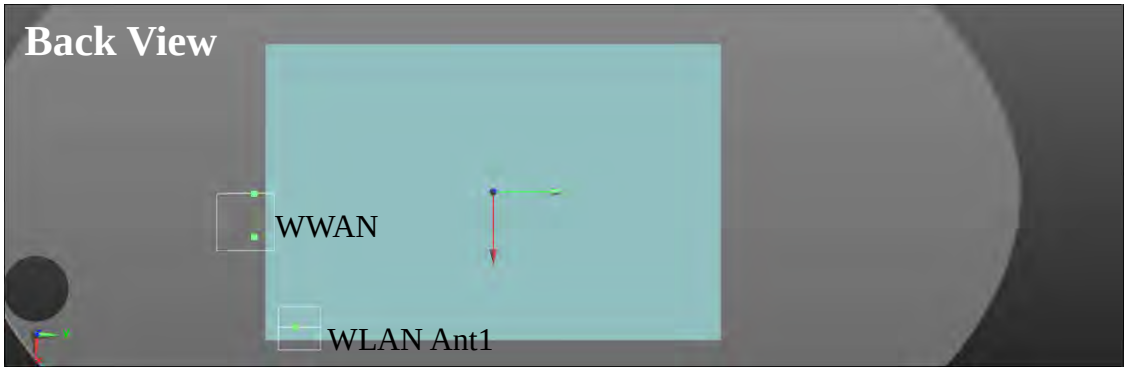
WCDMA II-> WLAN Ant1 5G



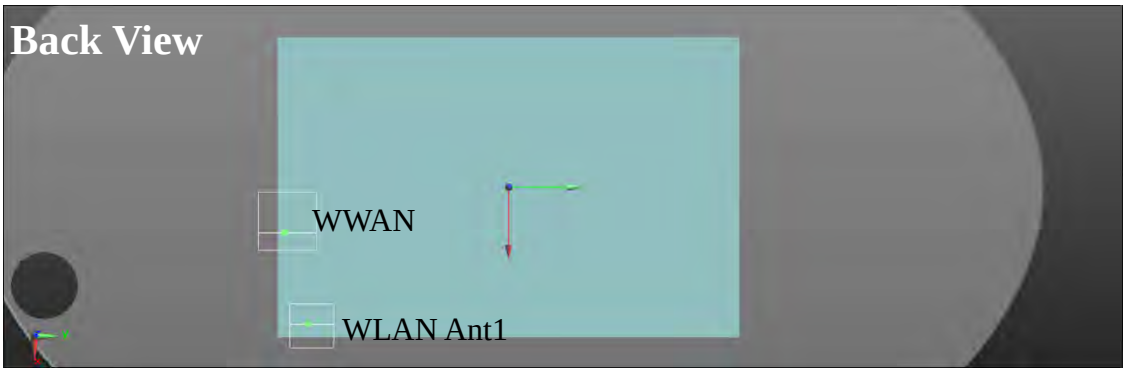
WCDMA IV-> WLAN Ant1 5G



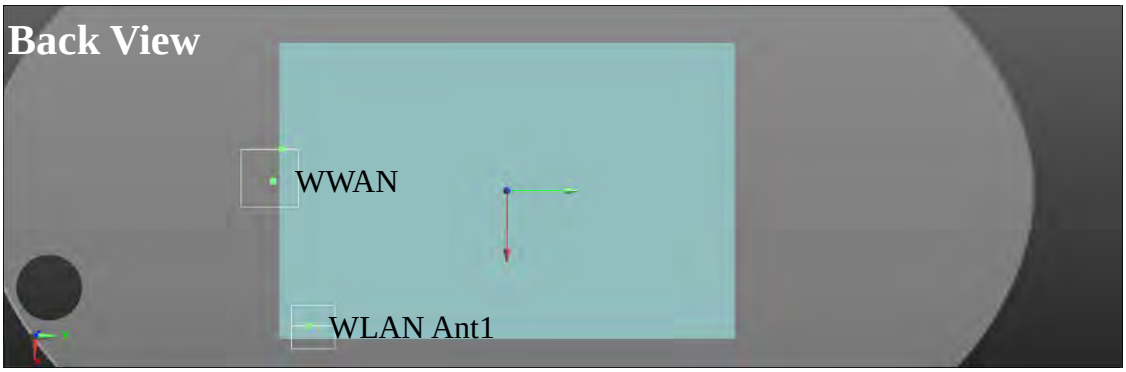
WCDMA V-> WLAN Ant1 5G



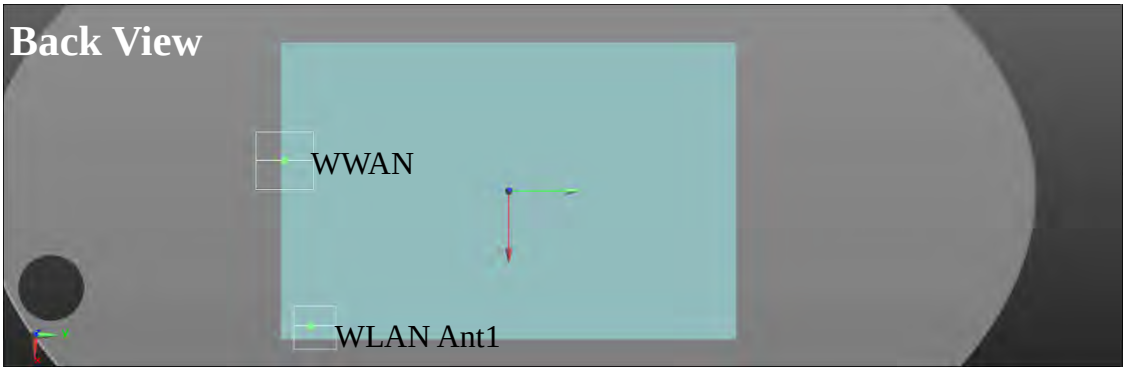
LTE Band 2 -> WLAN Ant1 5G



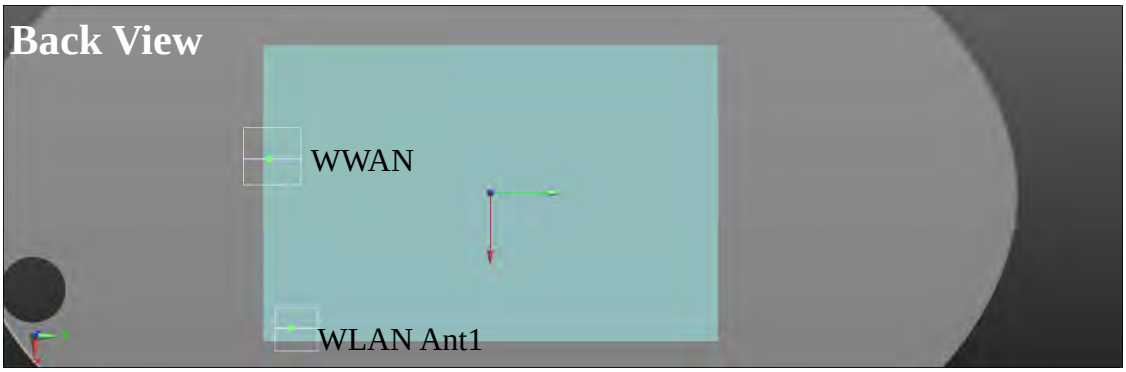
LTE Band 4 -> WLAN Ant1 5G



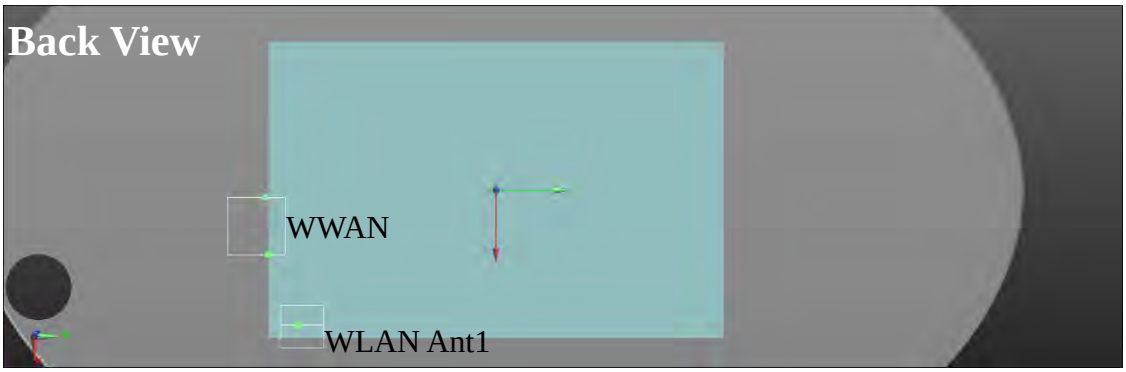
LTE Band 5 -> WLAN Ant1 5G



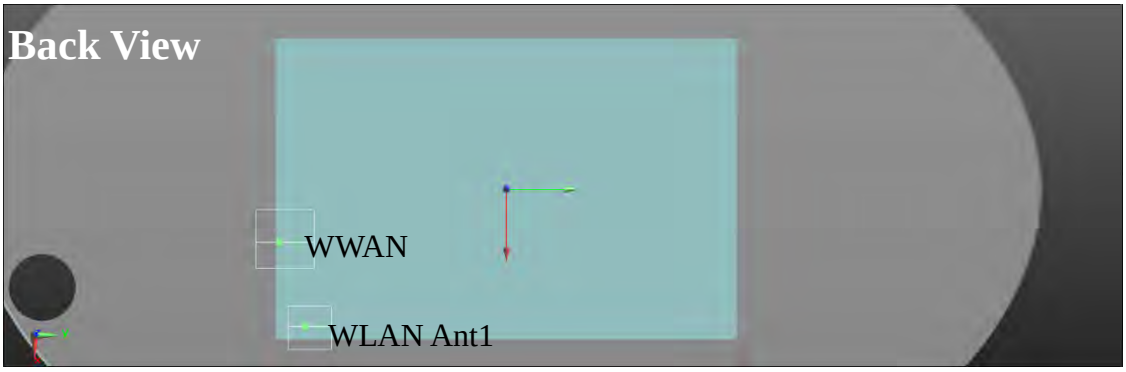
LTE Band 12 -> WLAN Ant1 5G



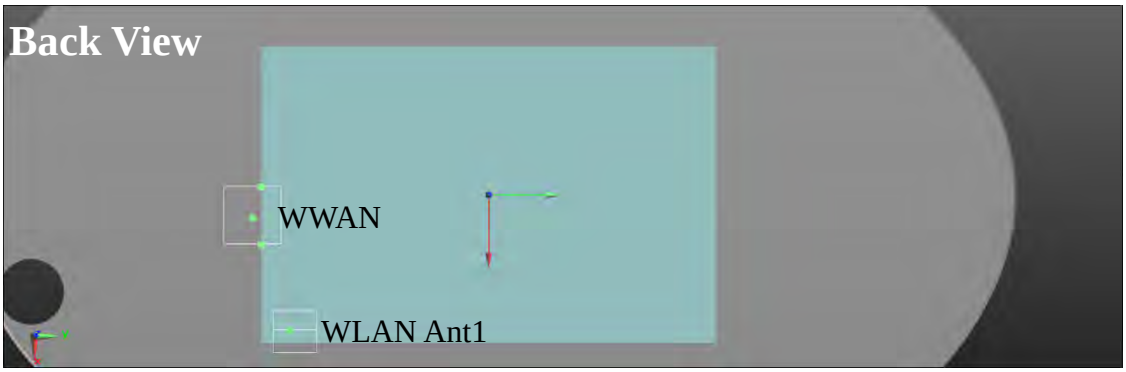
LTE Band 13 -> WLAN Ant1 5G



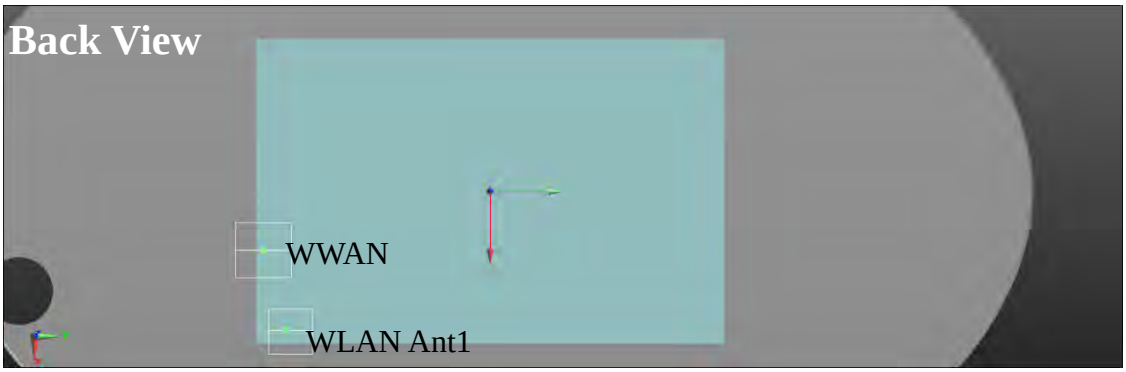
LTE Band 25 -> WLAN Ant1 5G



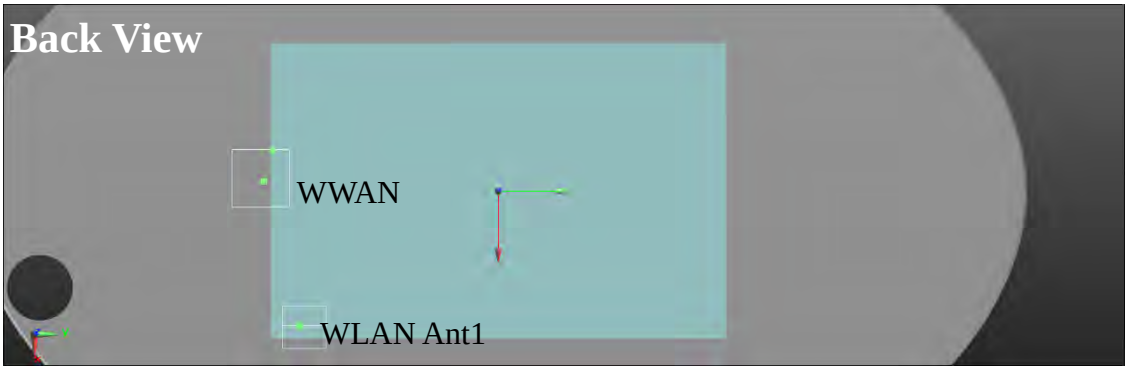
LTE Band 26 -> WLAN Ant1 5G



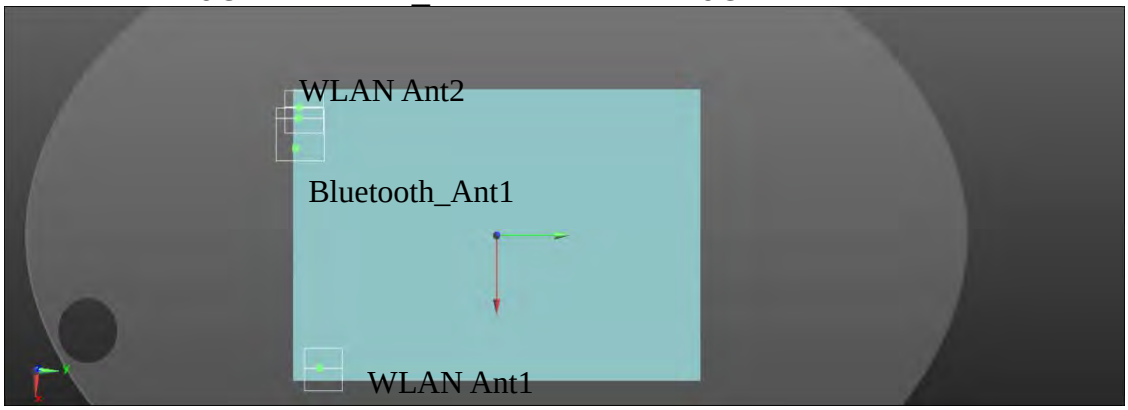
LTE Band 41 -> WLAN Ant1 5G



LTE Band 66 -> WLAN Ant1 5G

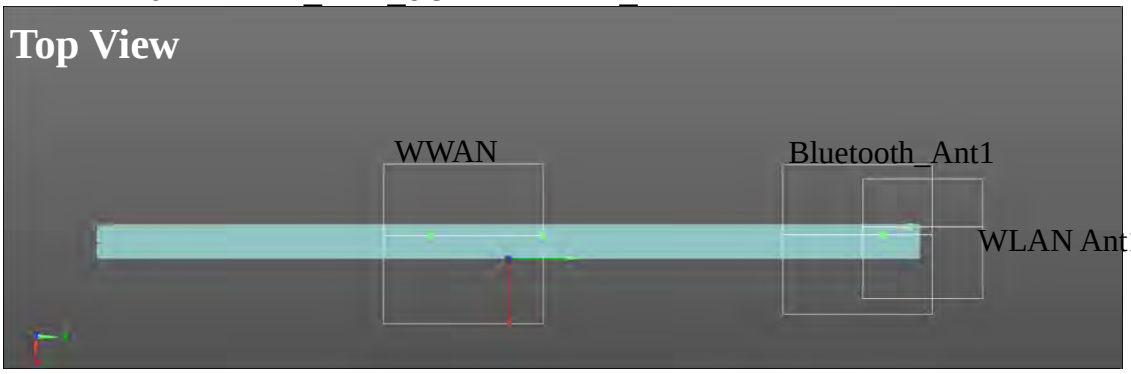


WLAN Ant2 5G + Bluetooth_Ant2->WLAN Ant1 5G

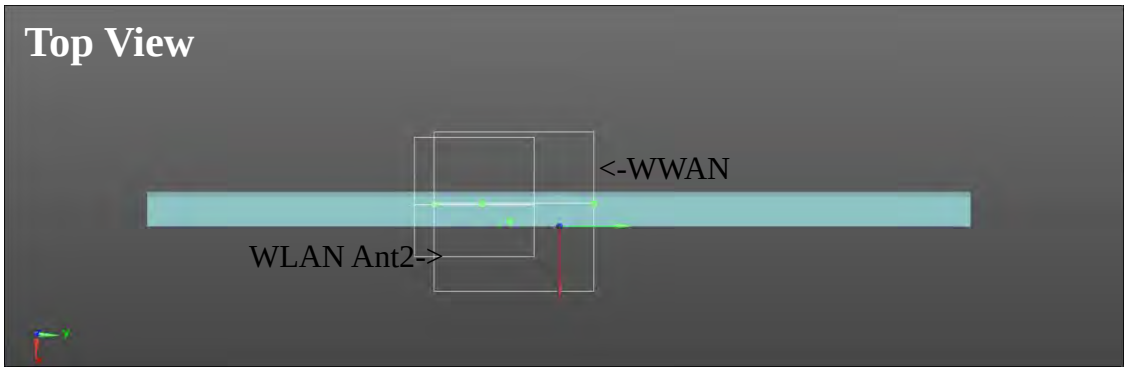


Scenario 7 top side

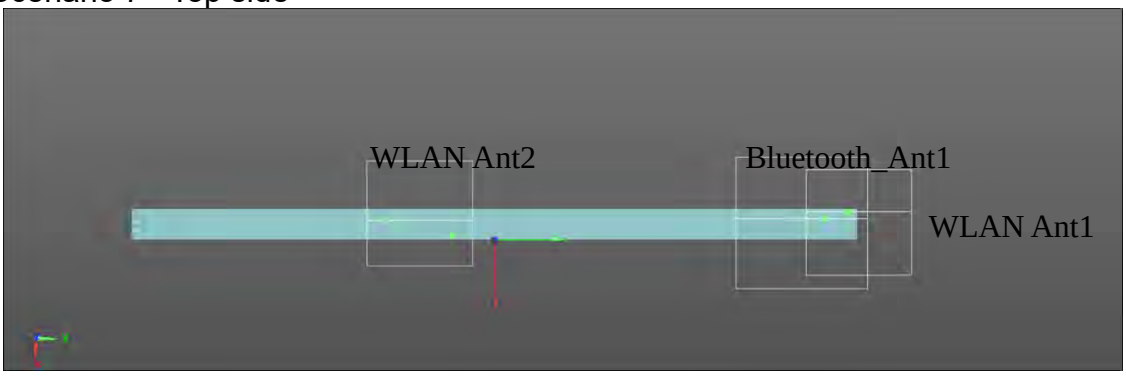
LTE Band26 -> WLAN_Ant1_5G + Bluetooth_Ant1



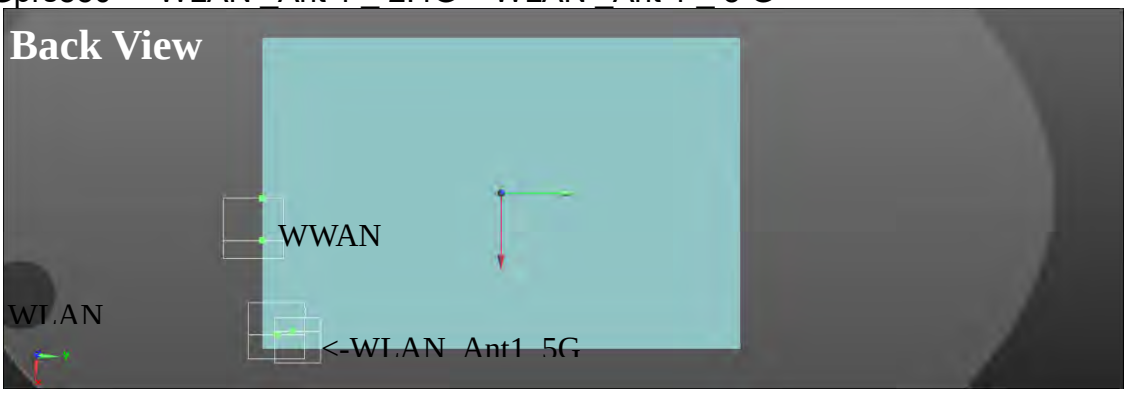
WWAN->WLAN Ant2 5G



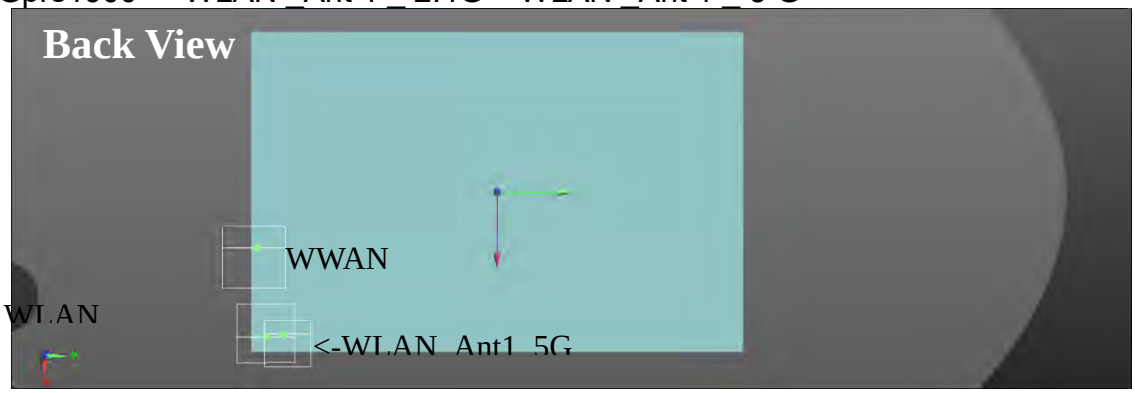
Scenario 7 Top side



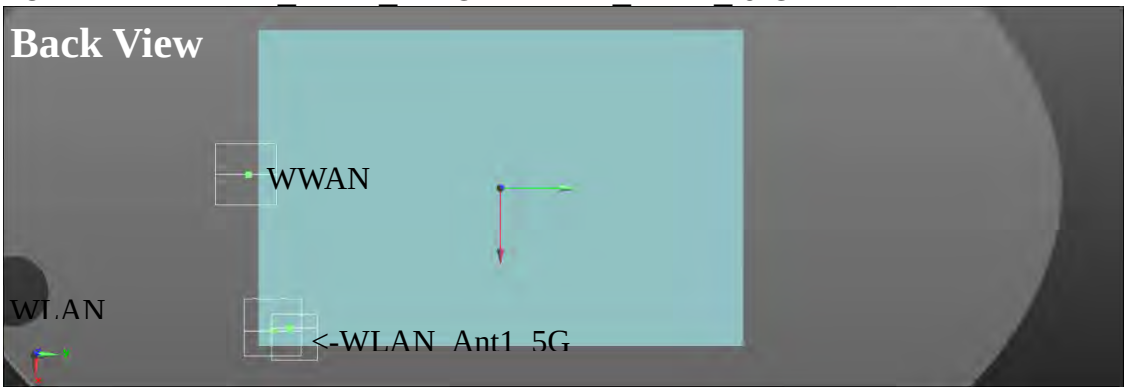
Gprs850 -> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



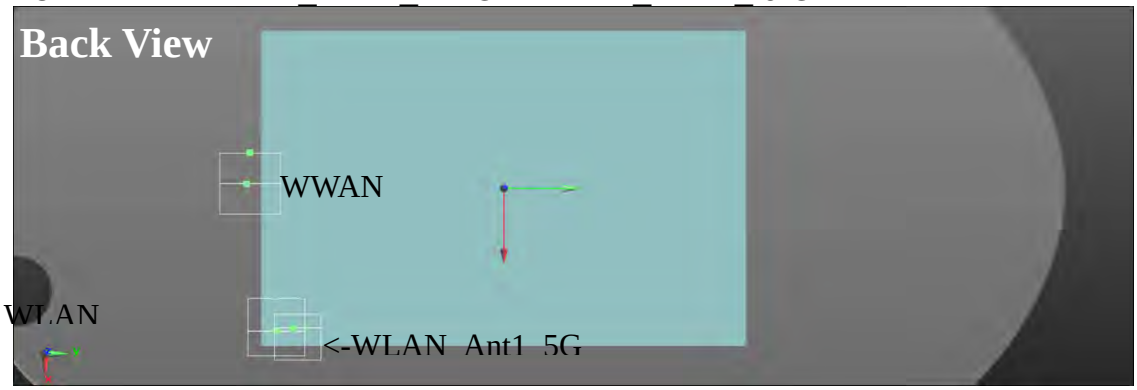
Gprs1900 -> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



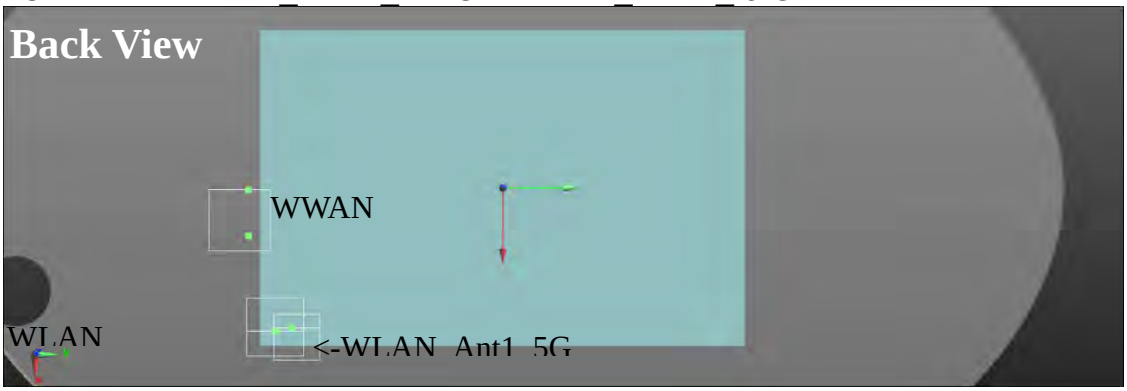
WCDMA II-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



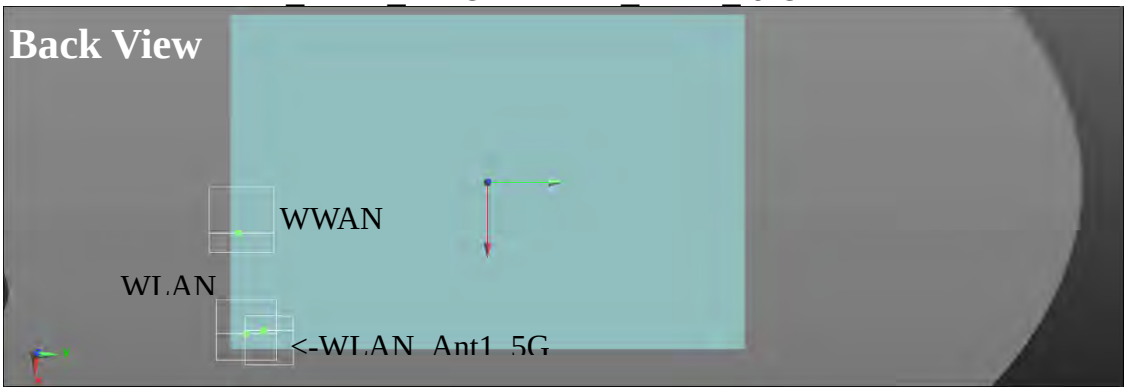
WCDMA IV-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



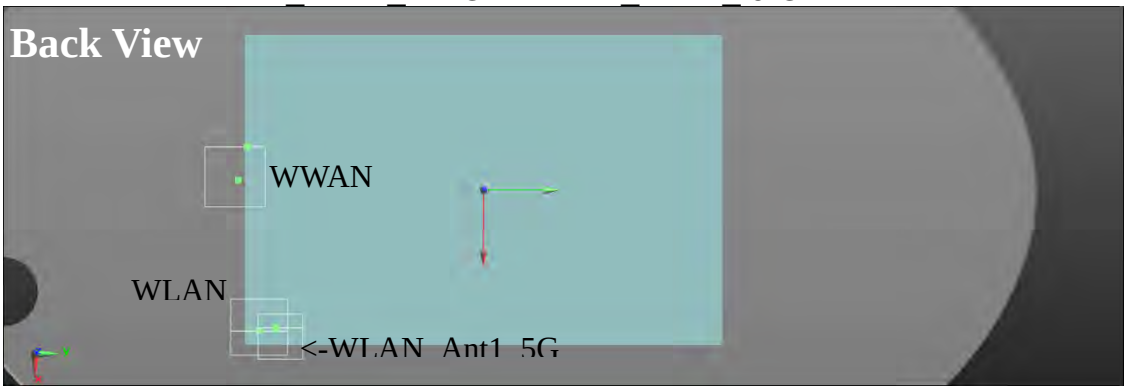
WCDMA V-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



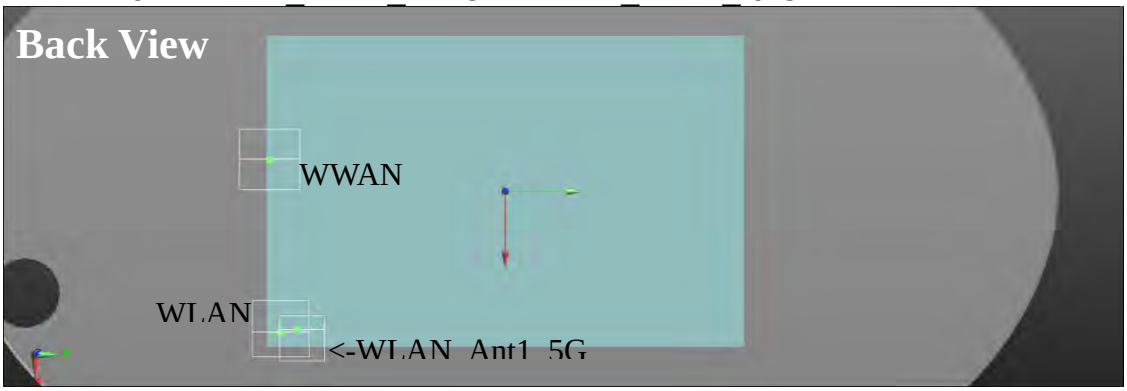
LTE Band2-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



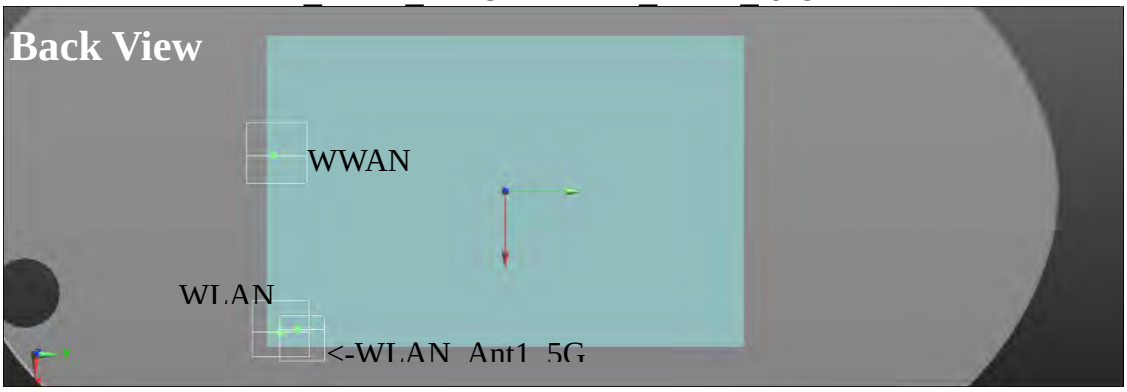
LTE Band4-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



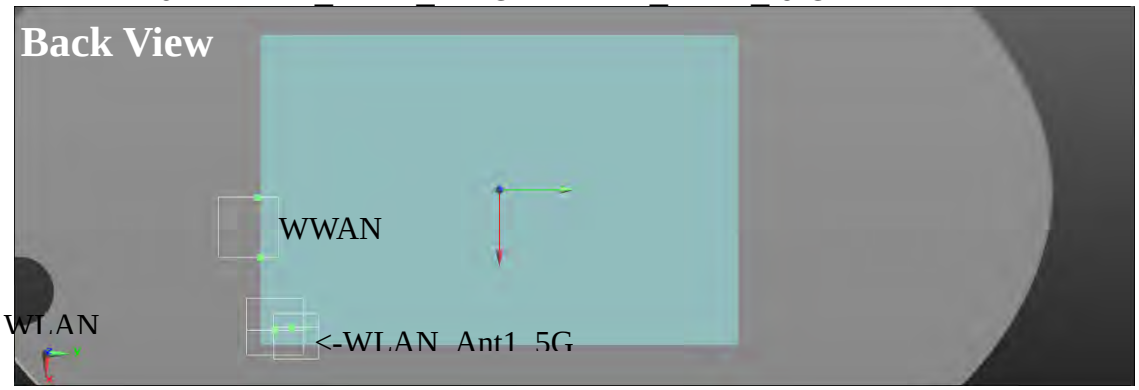
LTE Band5-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



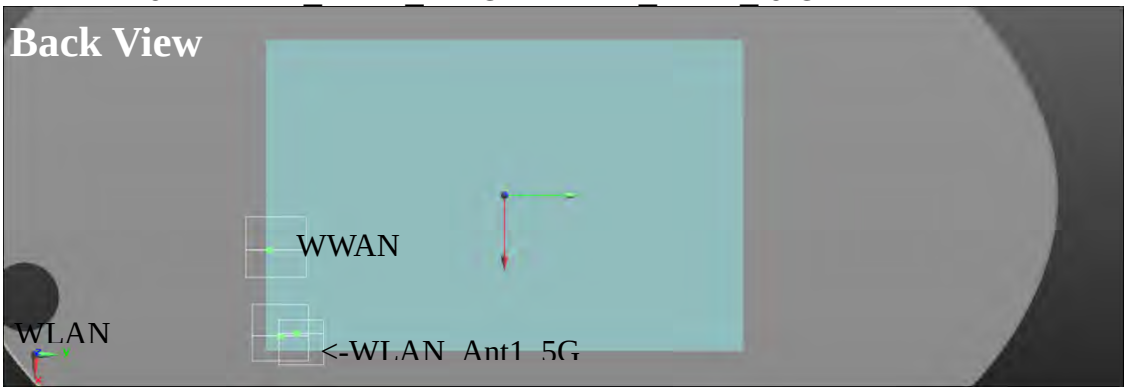
LTE Band12-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



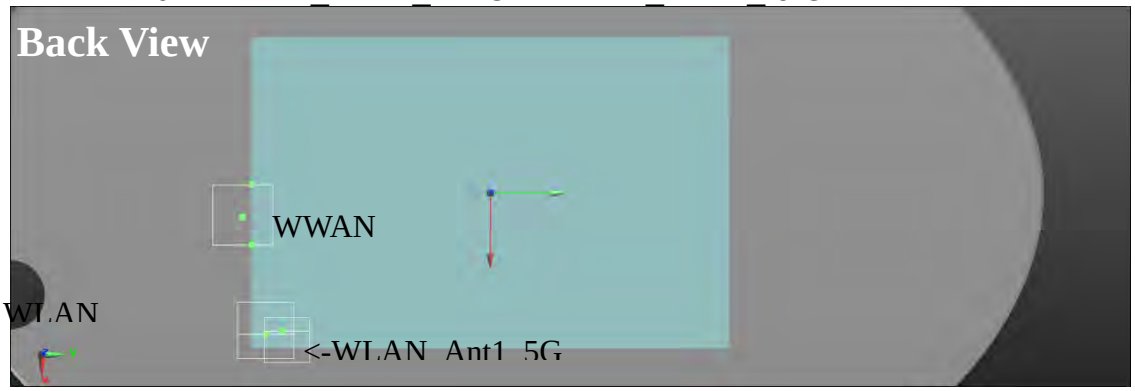
LTE Band13-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



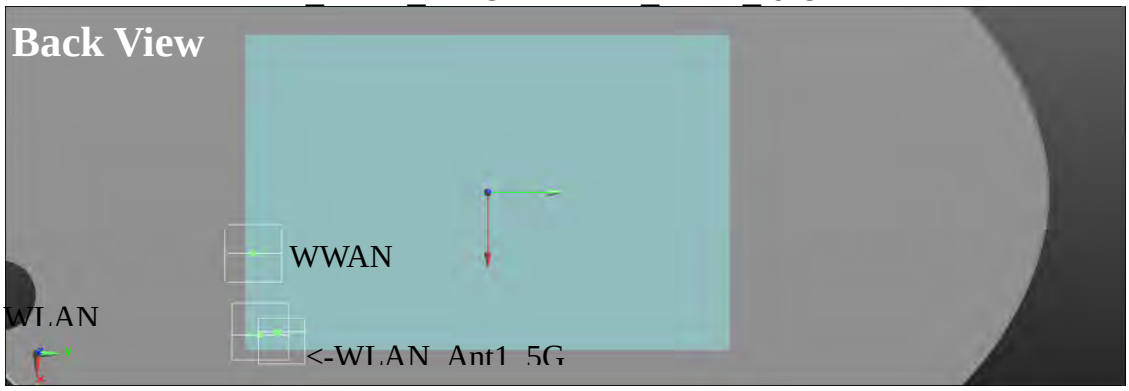
LTE Band25-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



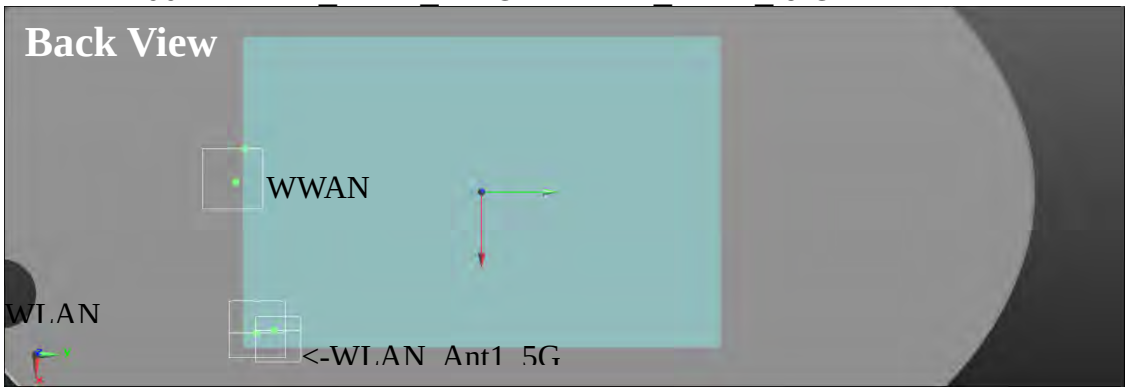
LTE Band26-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



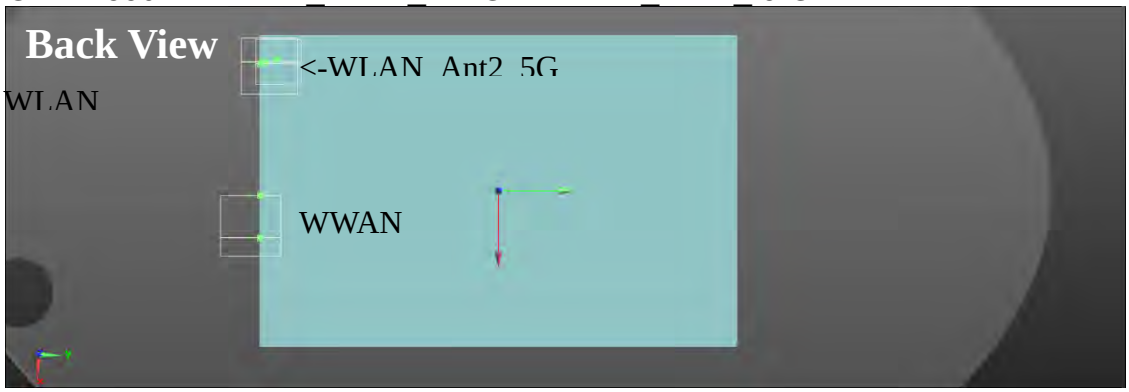
LTE Band41-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



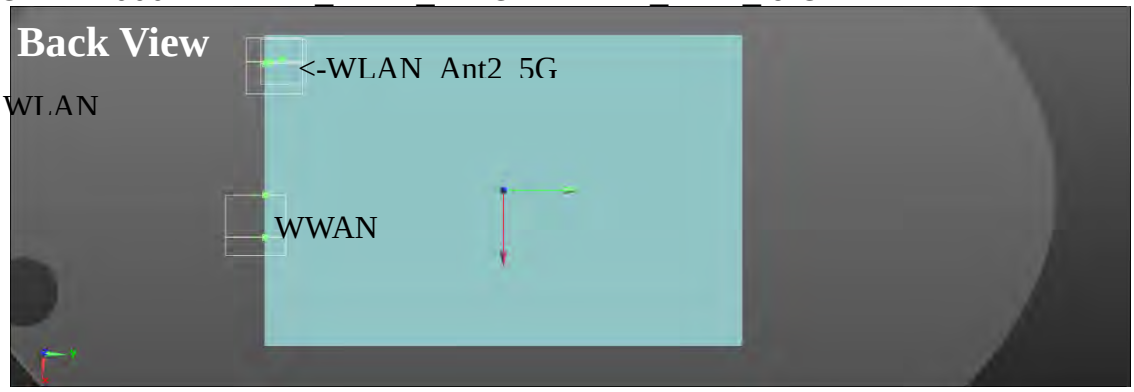
LTE Band66-> WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G



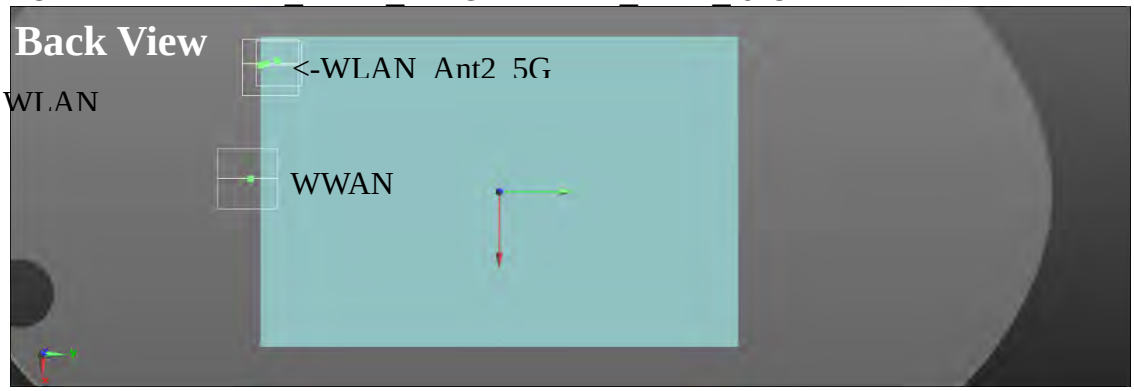
GPRS 850 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



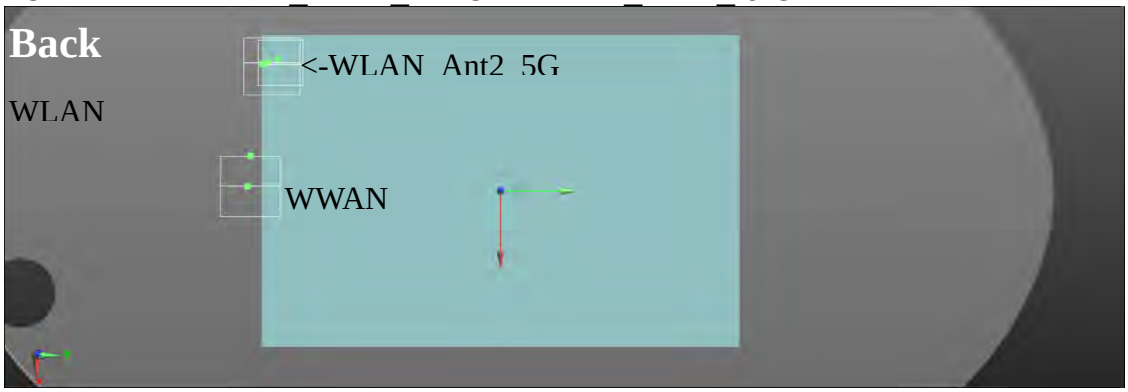
GPRS 1900 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



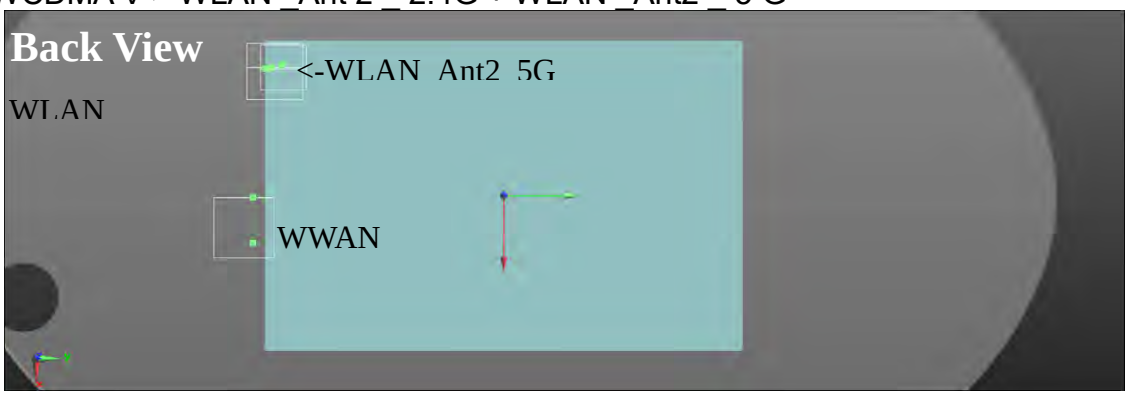
WCDMA II-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



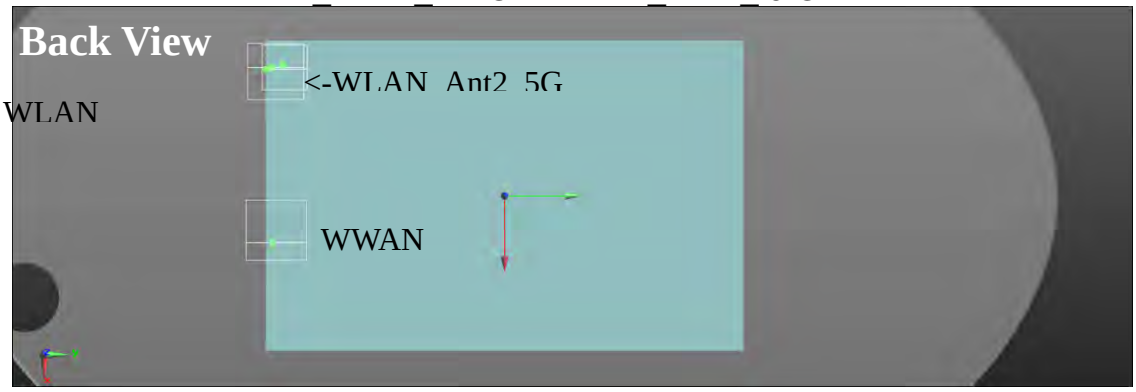
WCDMA IV-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



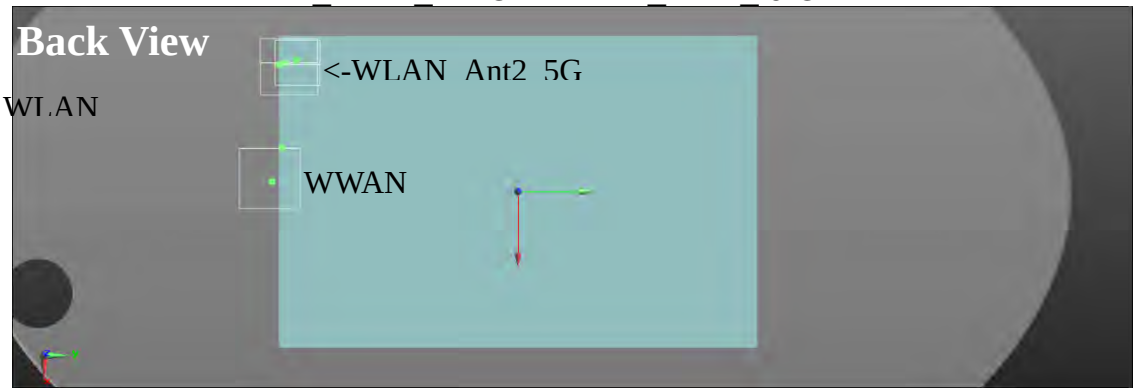
WCDMA V-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



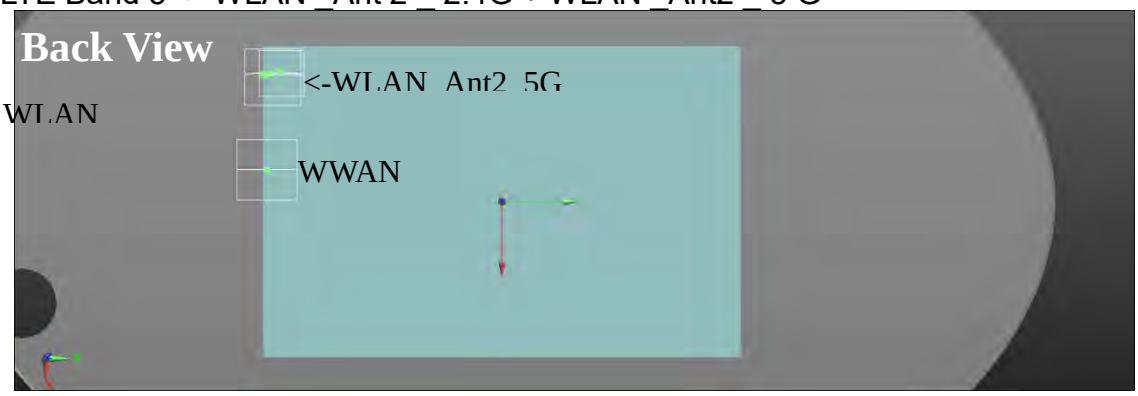
LTE Band 2 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



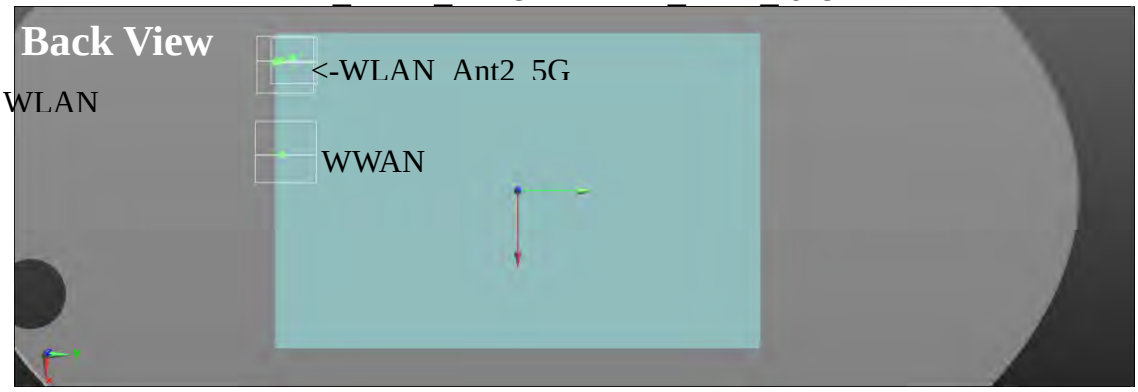
LTE Band 4 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



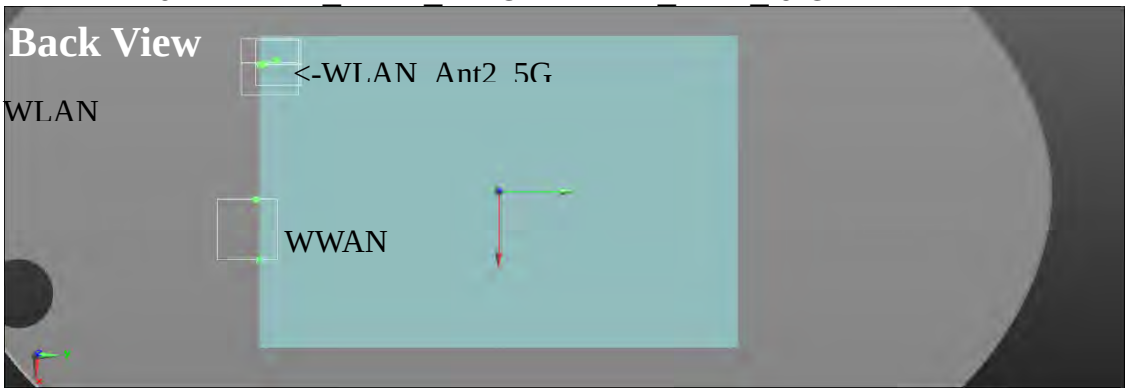
LTE Band 5 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



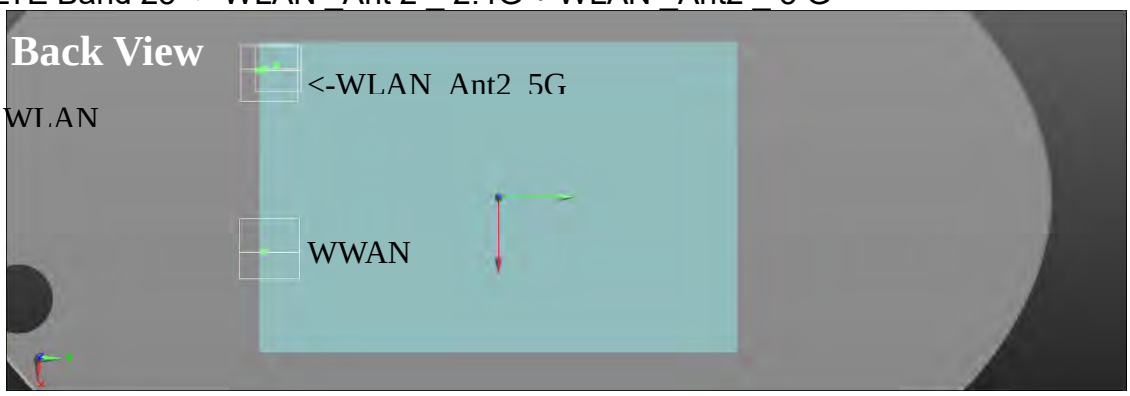
LTE Band 12 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



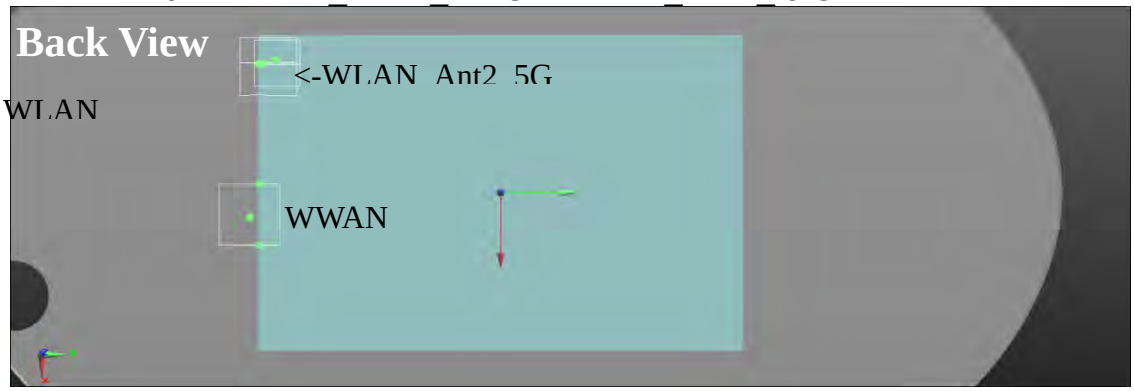
LTE Band 13 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



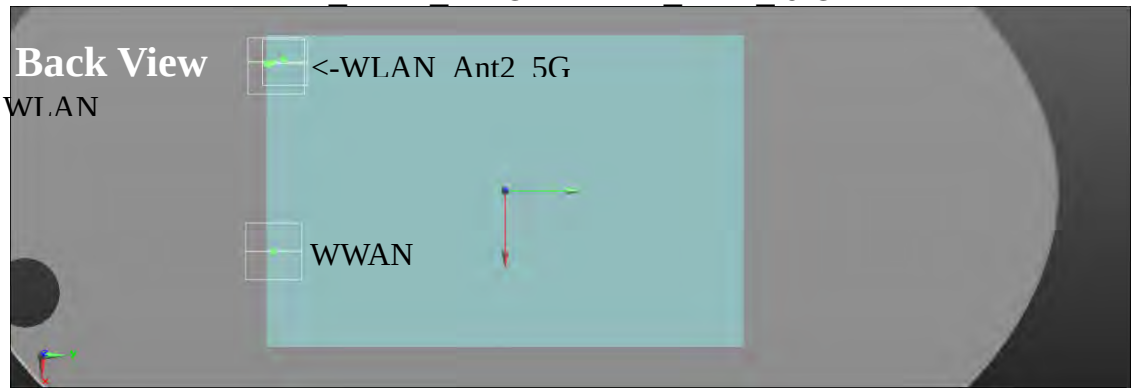
LTE Band 25 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



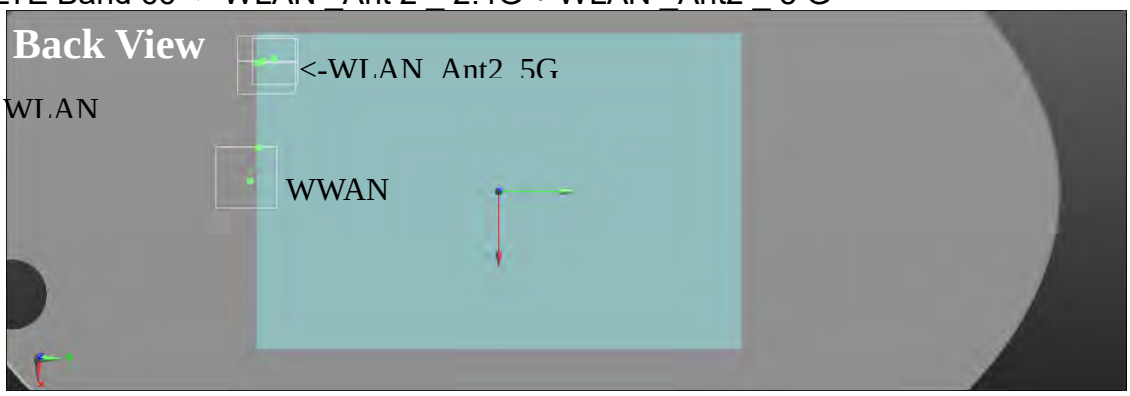
LTE Band 26 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



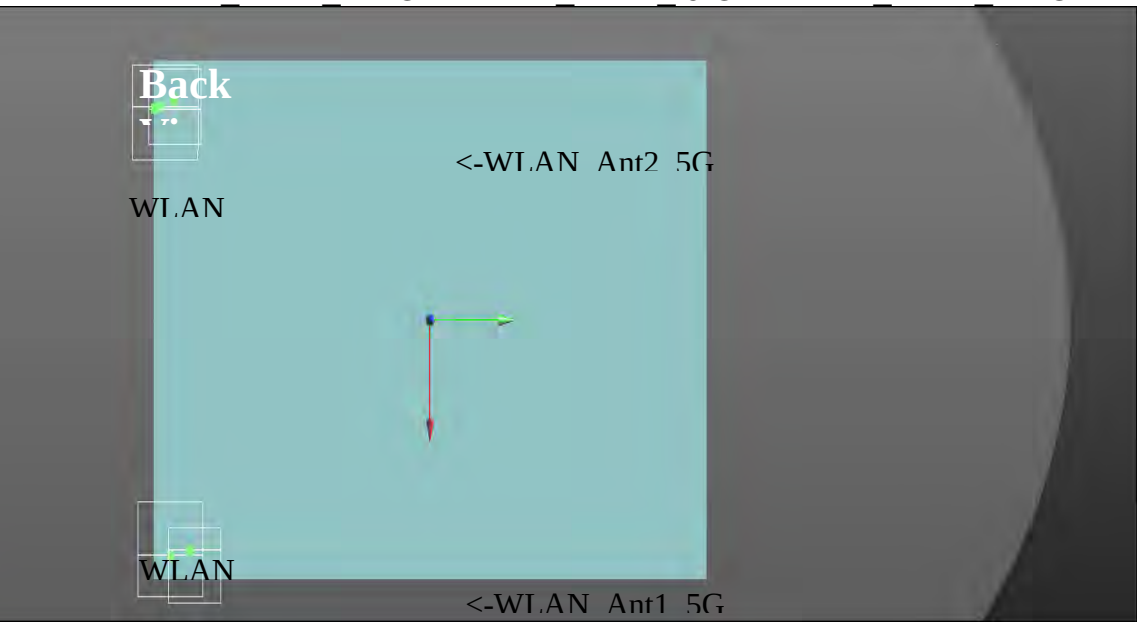
LTE Band 41 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



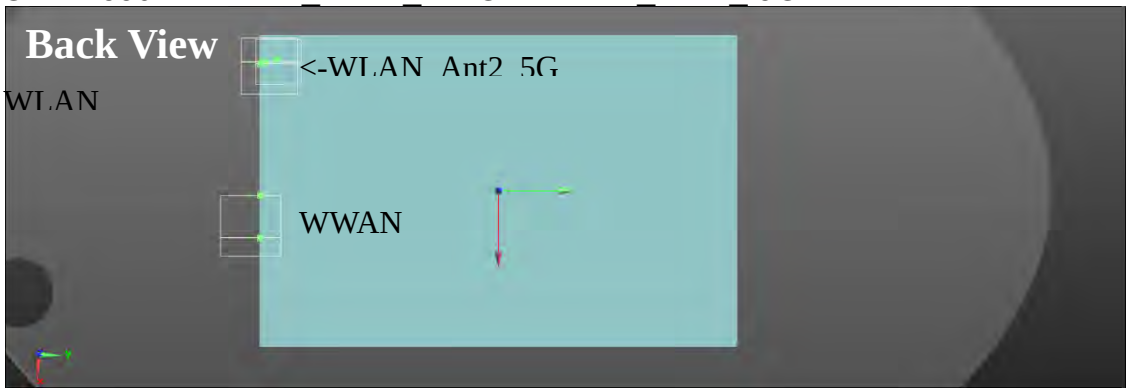
LTE Band 66 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



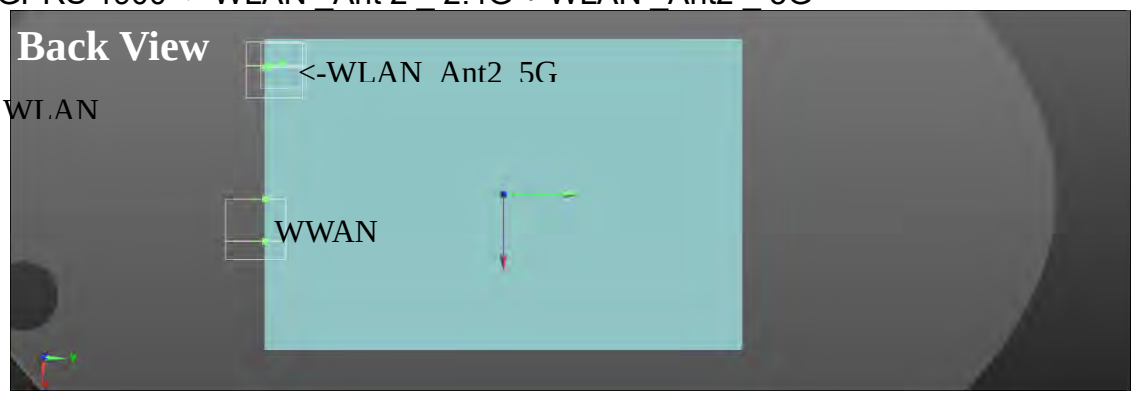
WLAN _Ant 1 _ 2.4G + WLAN _Ant 1 _ 5 G + WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G



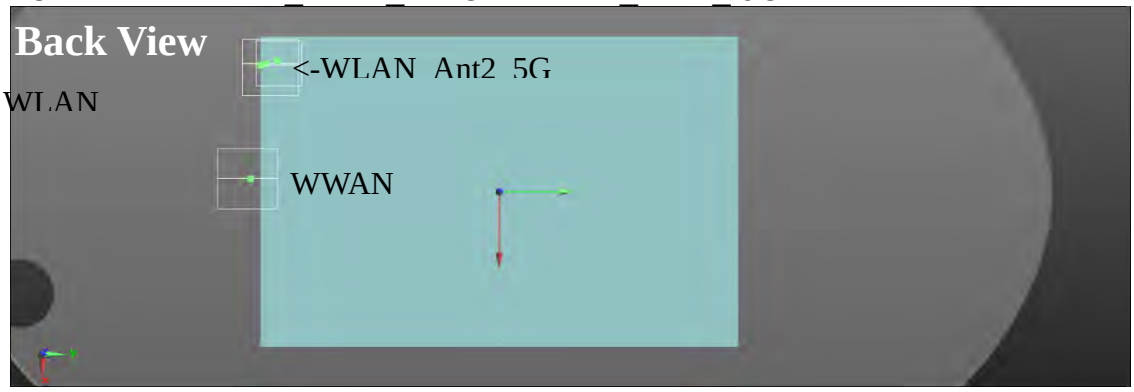
GPRS 850 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



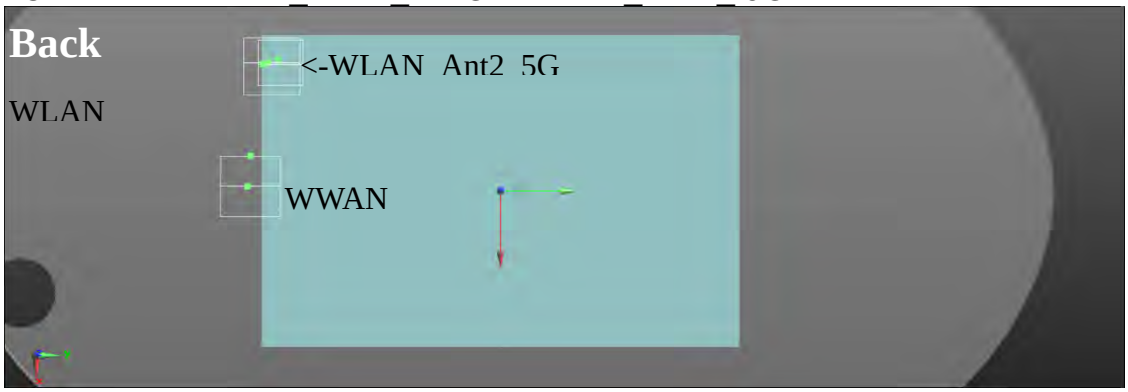
GPRS 1900 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



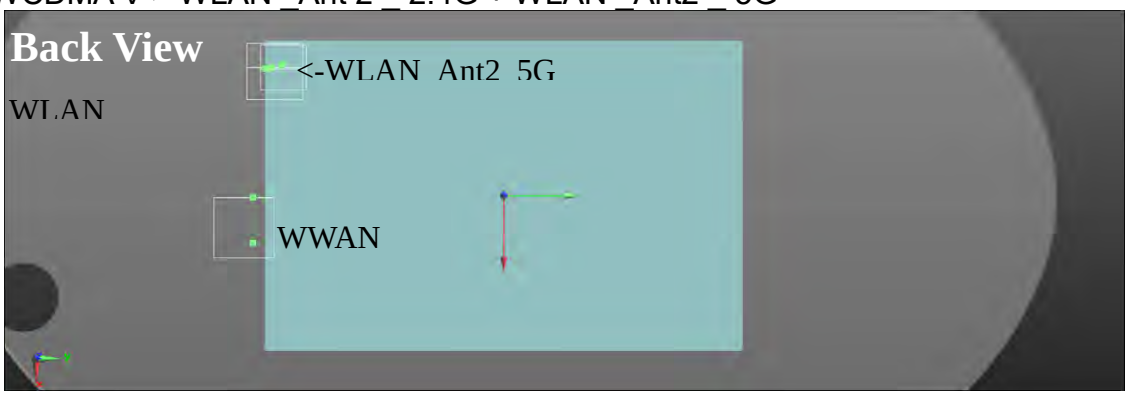
WCDMA II-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



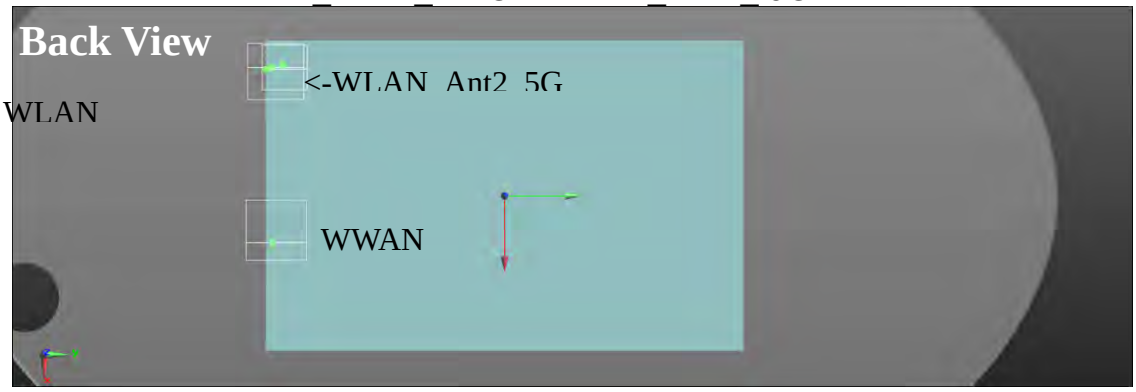
WCDMA IV-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



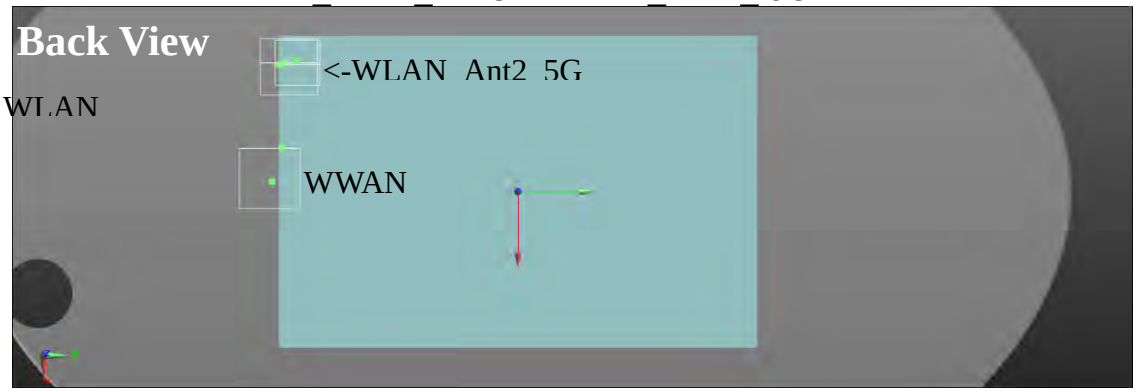
WCDMA V-> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



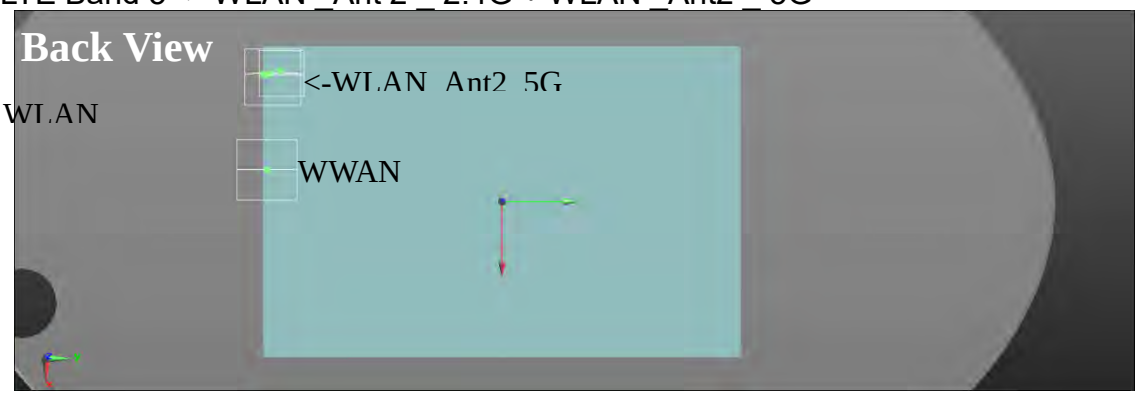
LTE Band 2 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



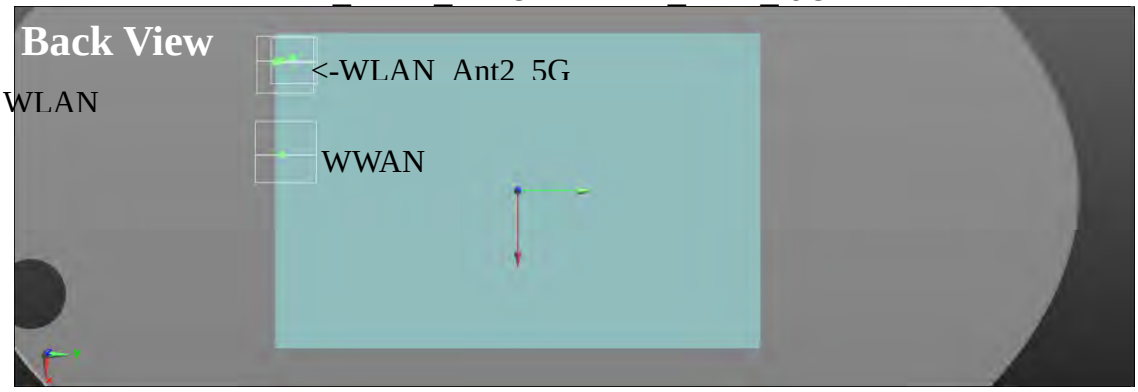
LTE Band 4 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



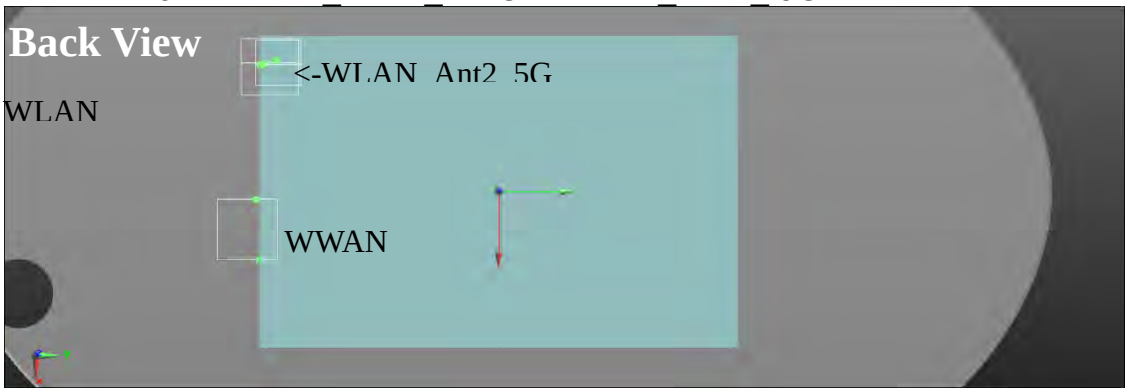
LTE Band 5 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



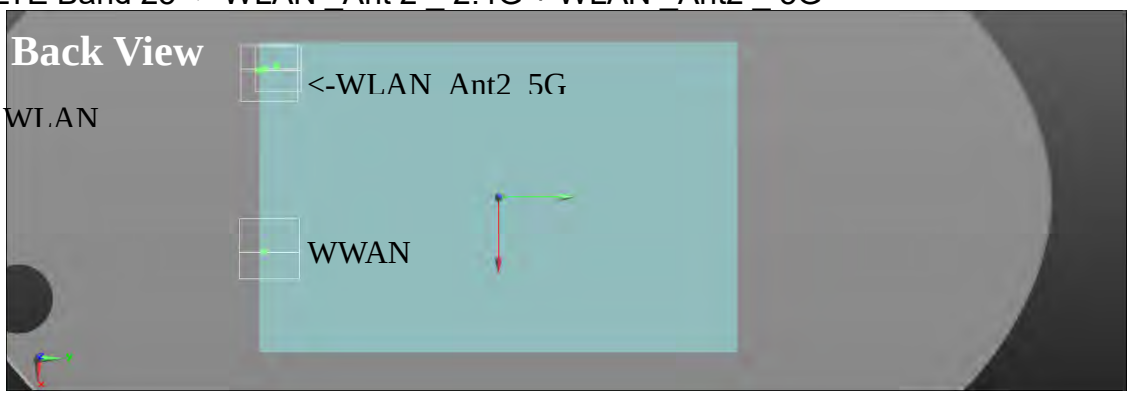
LTE Band 12 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



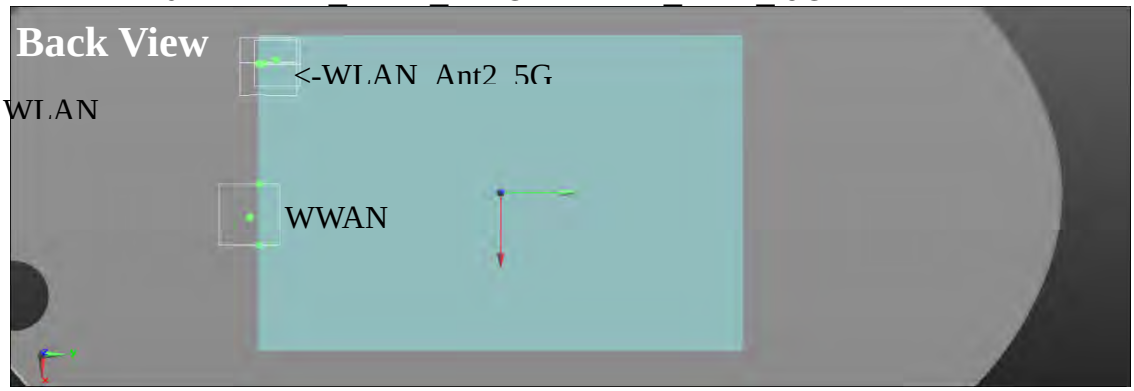
LTE Band 13 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



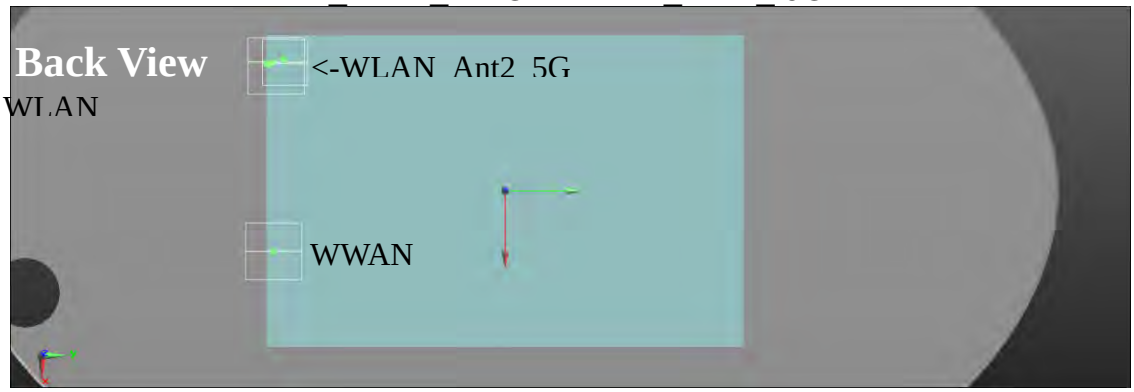
LTE Band 25 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



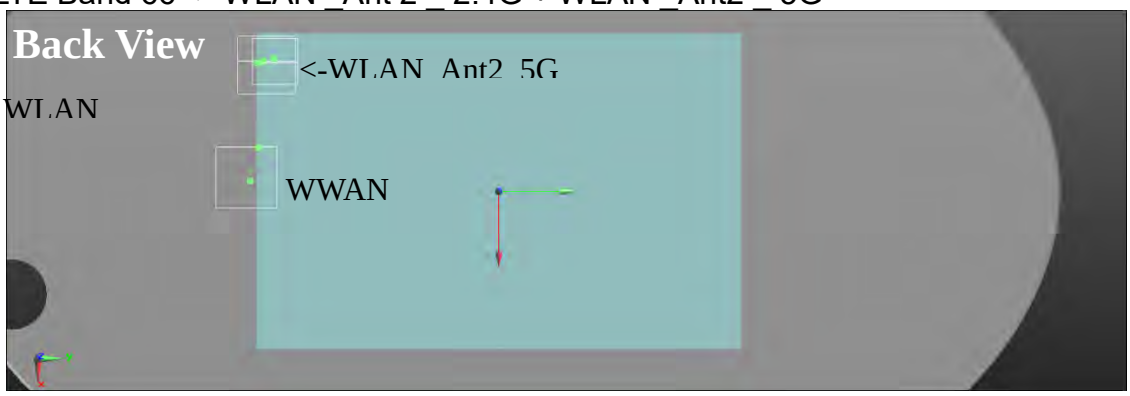
LTE Band 26 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



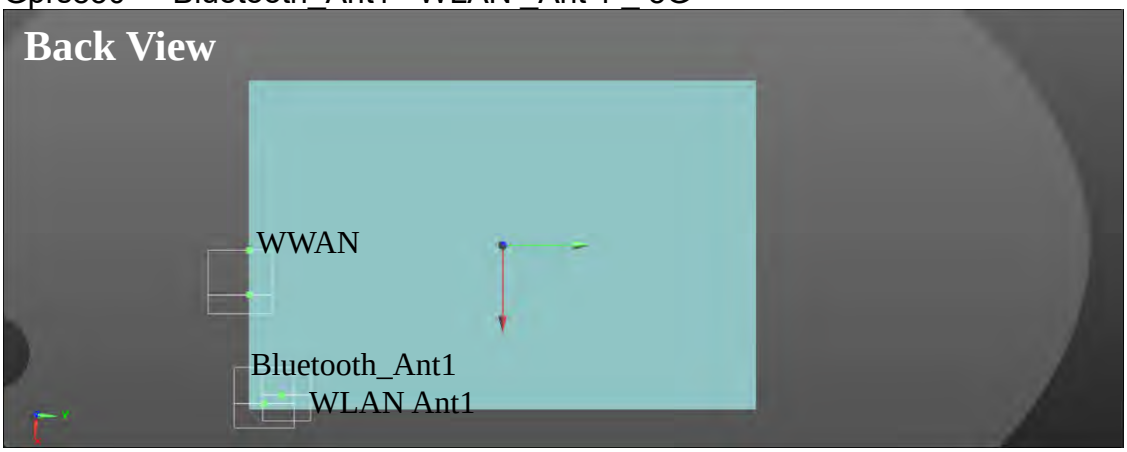
LTE Band 41 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



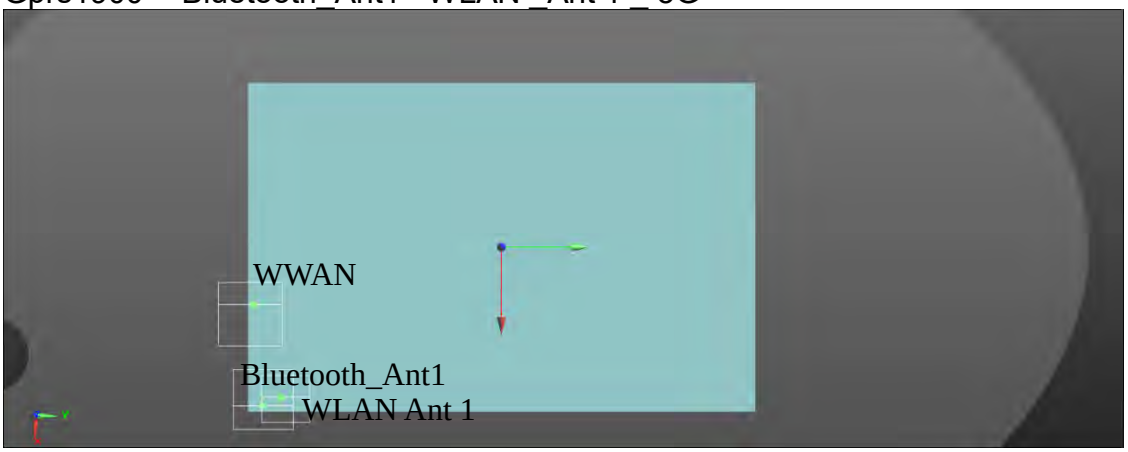
LTE Band 66 -> WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5G



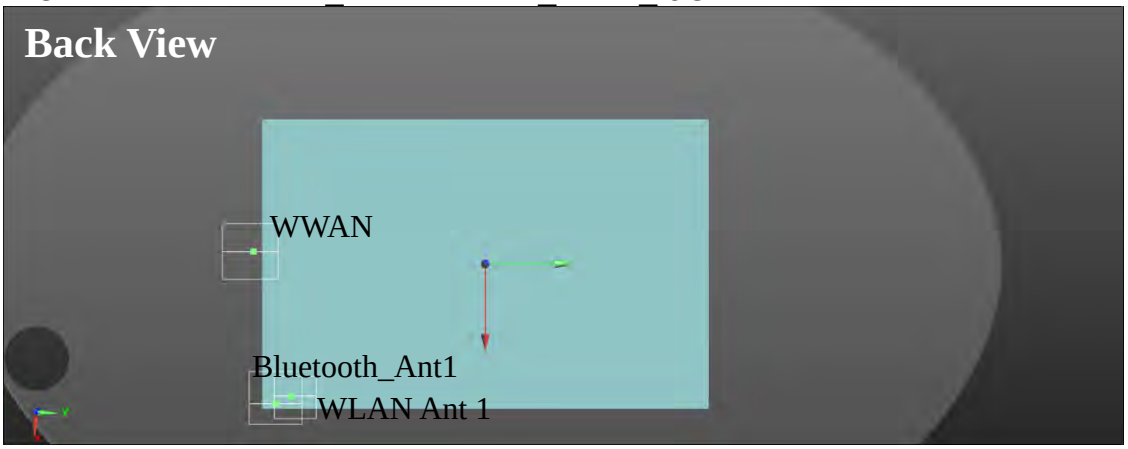
Gprs850 -> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



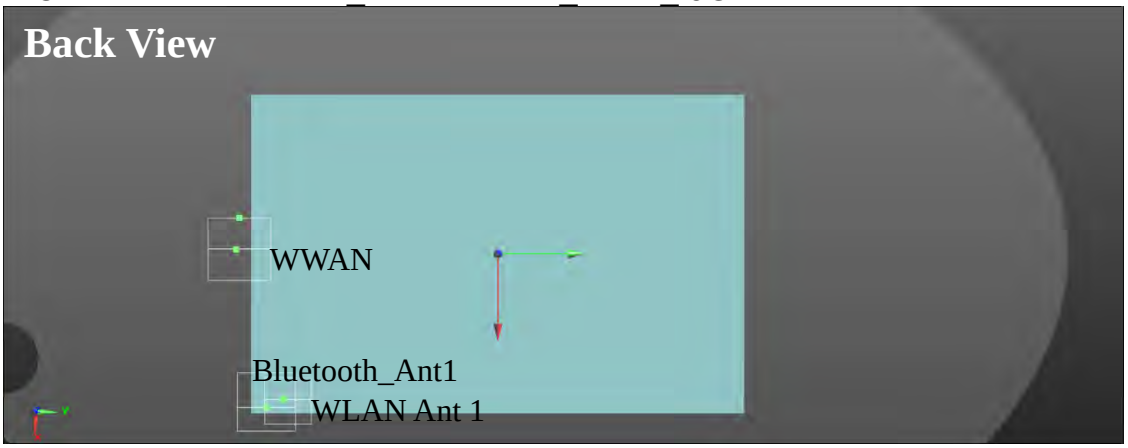
Gprs1900-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



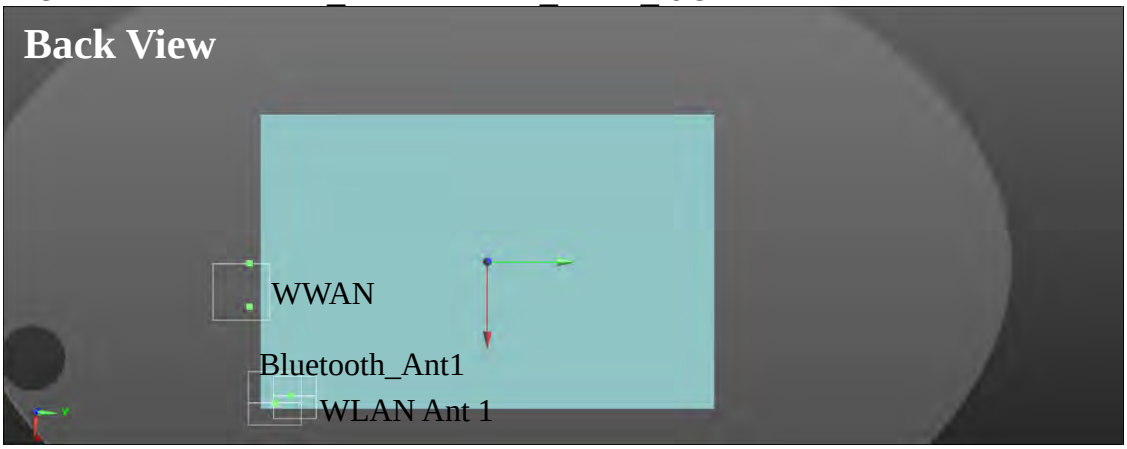
WCDMA II-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



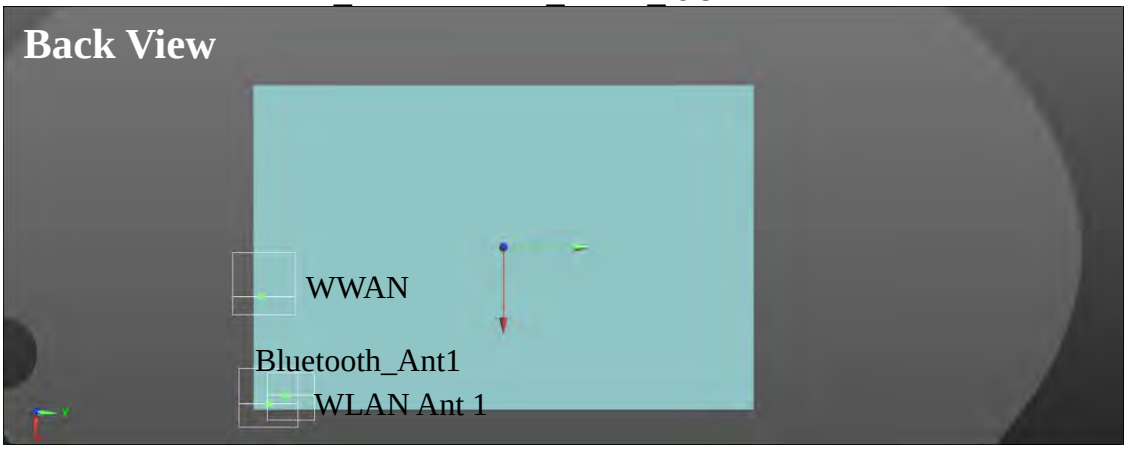
WCDMA IV -> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



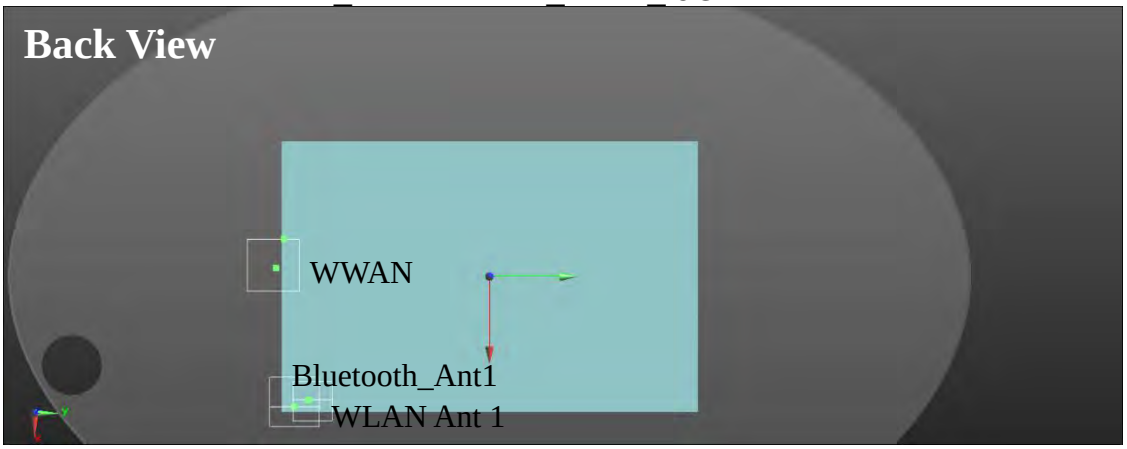
WCDMA V-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



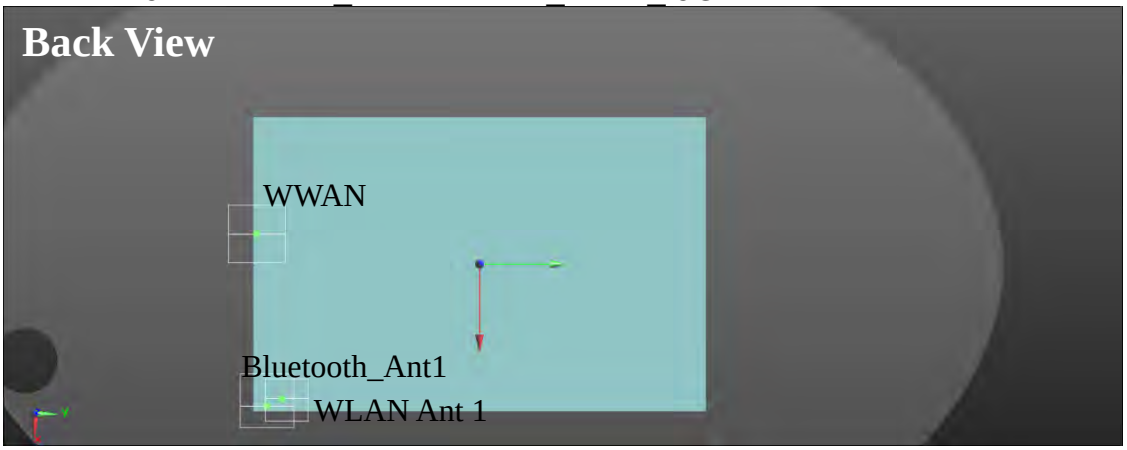
LTE Band2-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



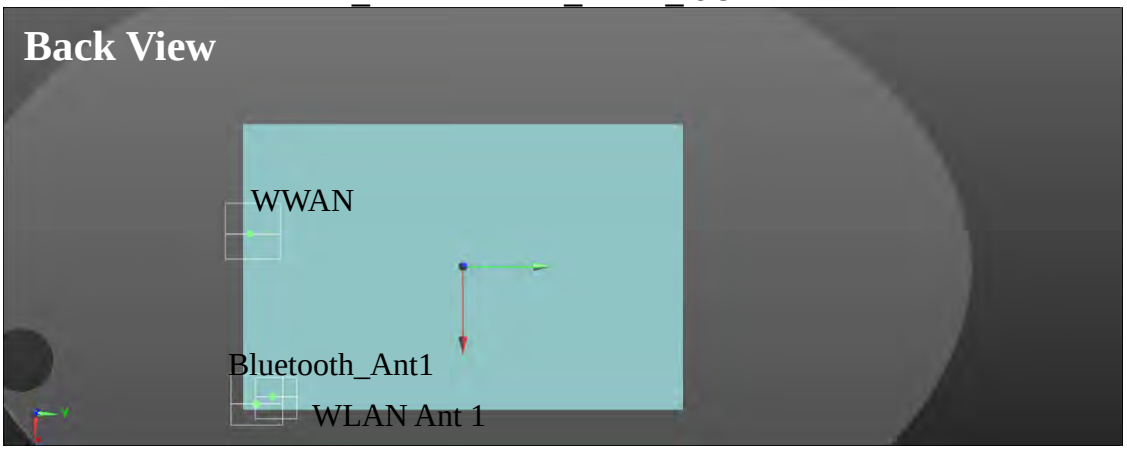
LTE Band4-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



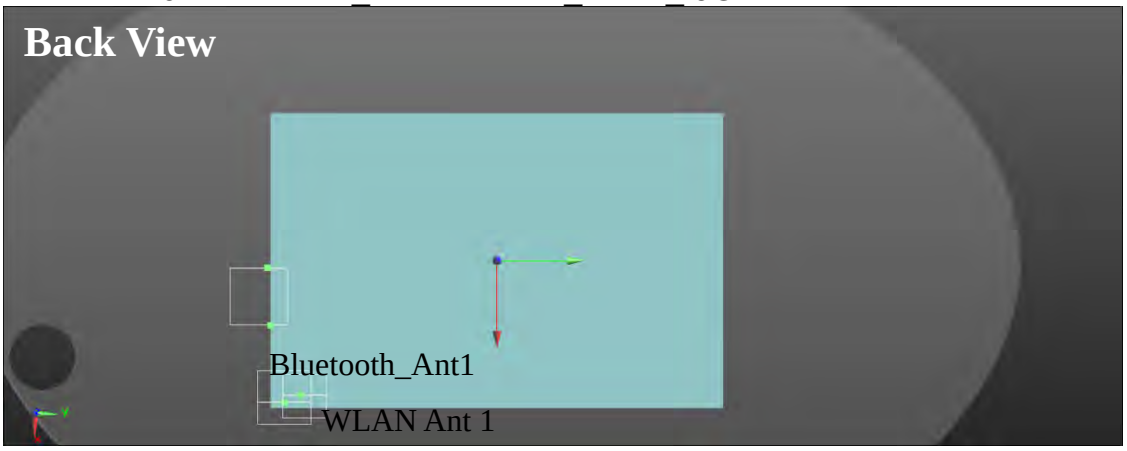
LTE Band5-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



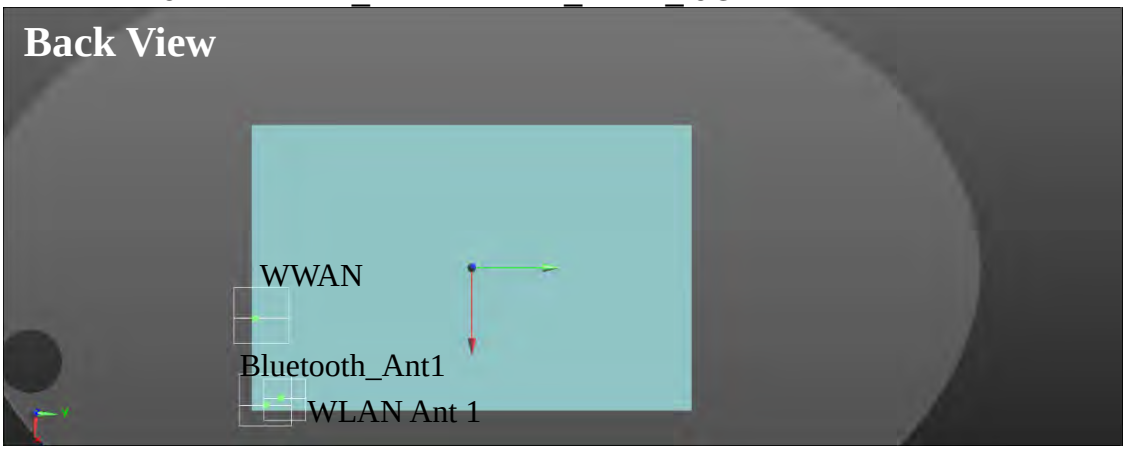
LTE Band12-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



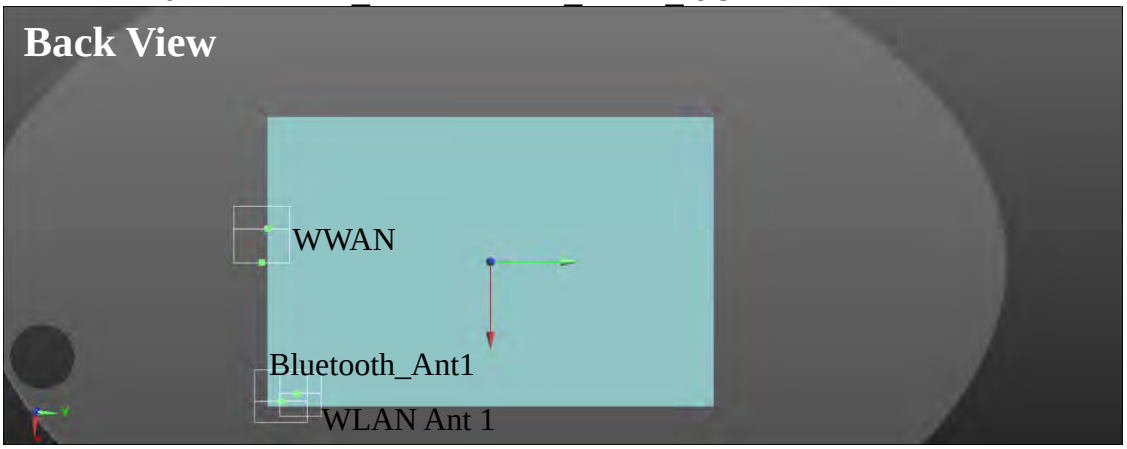
LTE Band13-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



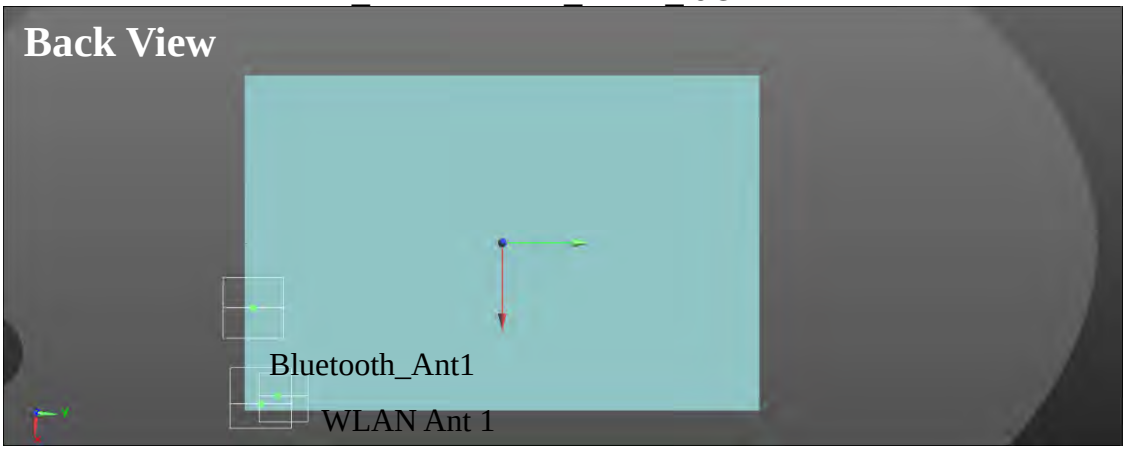
LTE Band25-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



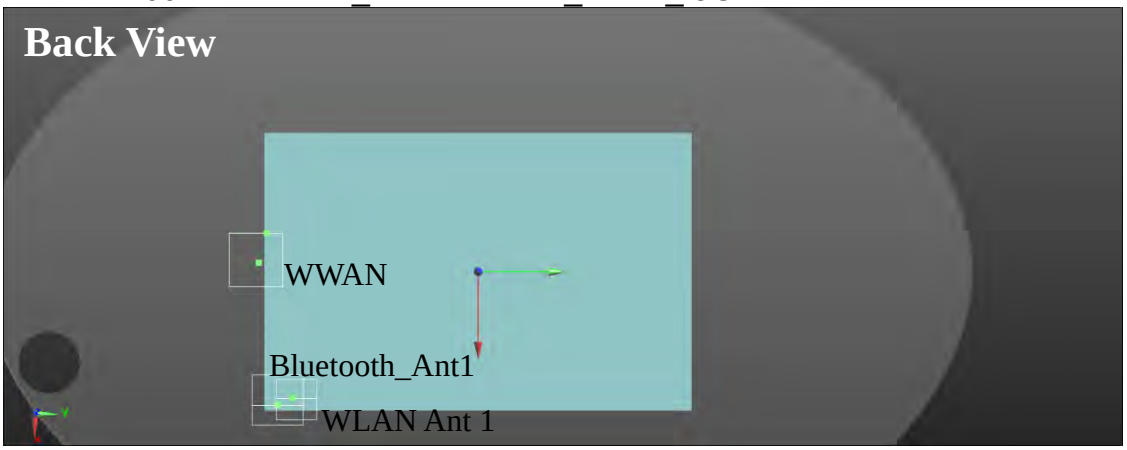
LTE Band26-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



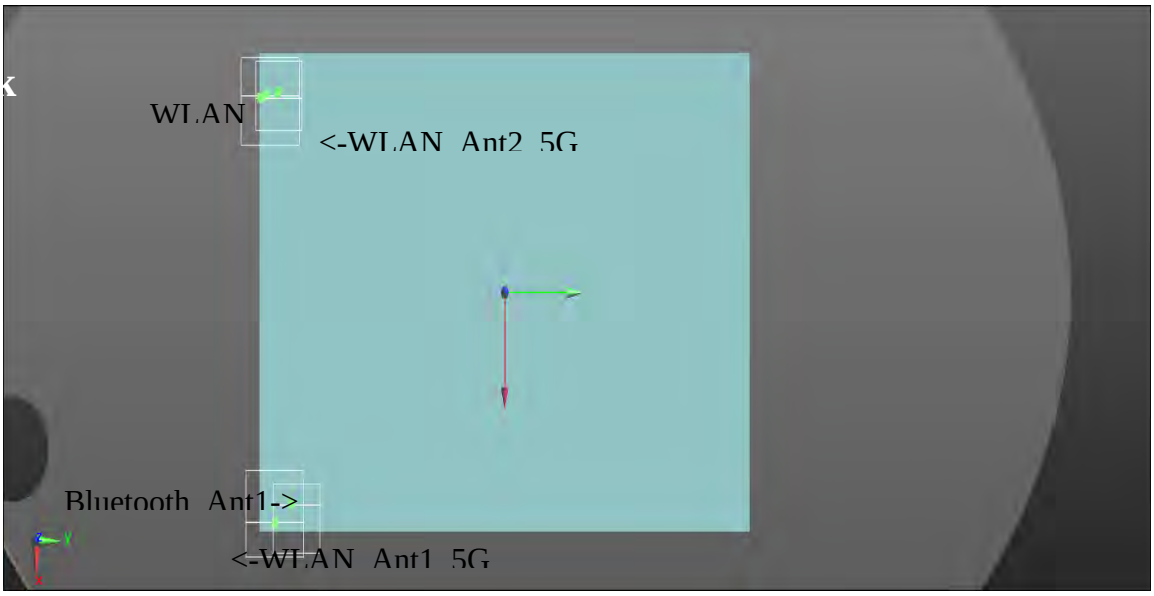
LTE Band41-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



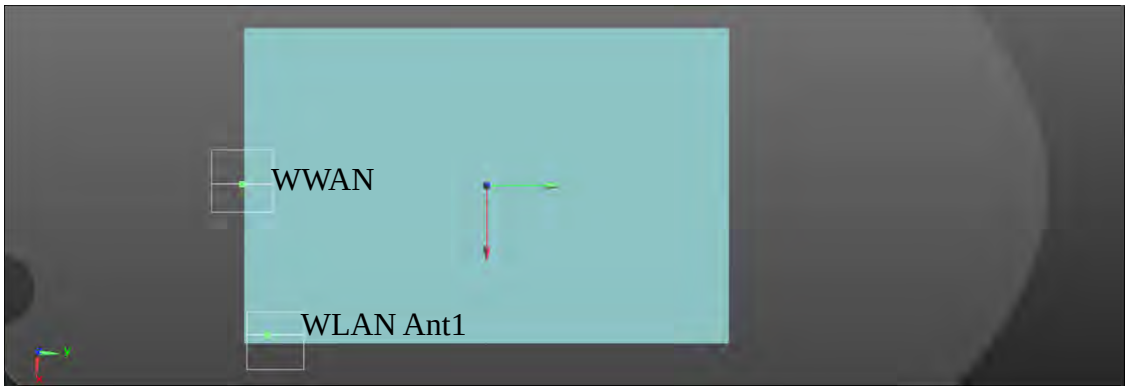
LTE Band66-> Bluetooth_Ant1+ WLAN _Ant 1 _ 5G



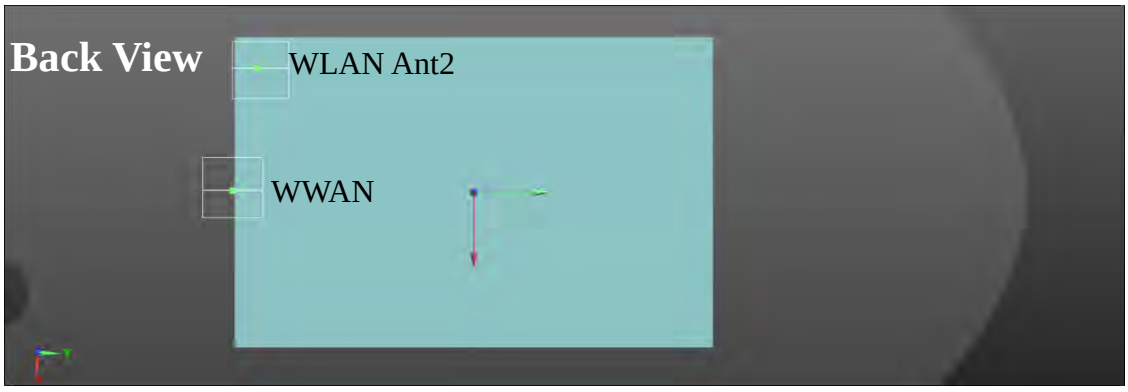
WLAN _Ant 2 _ 2.4G + WLAN _Ant2 _ 5 G -> Bluetooth_Ant1+ WLAN _Ant1 _ 5G



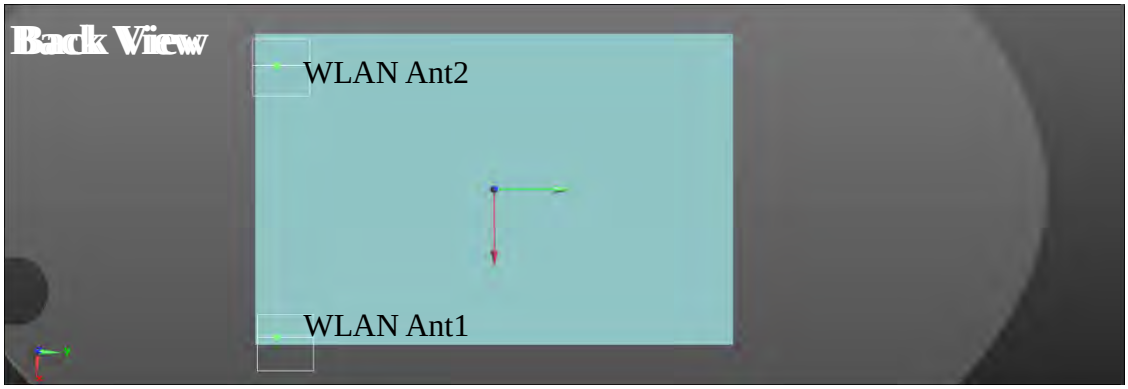
WCDMA II -> WLAN Ant 1 2.4G



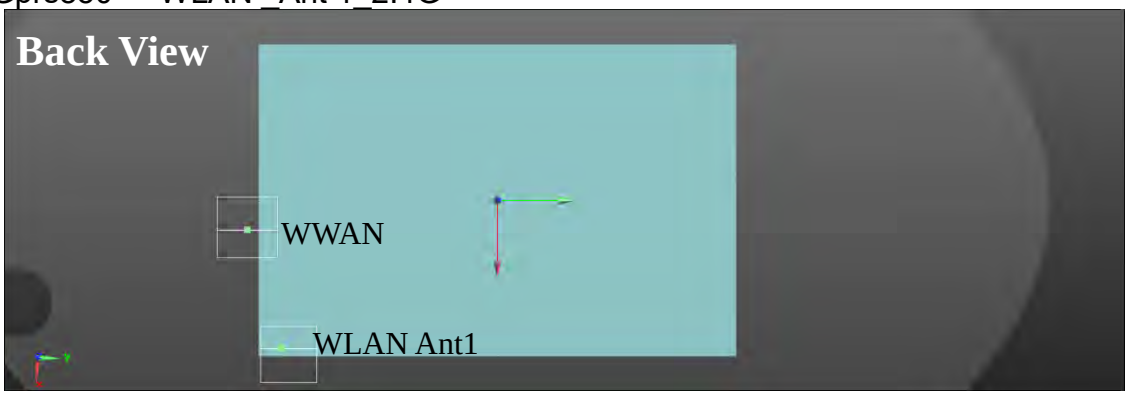
WCDMA II -> WLAN Ant 2 2.4G



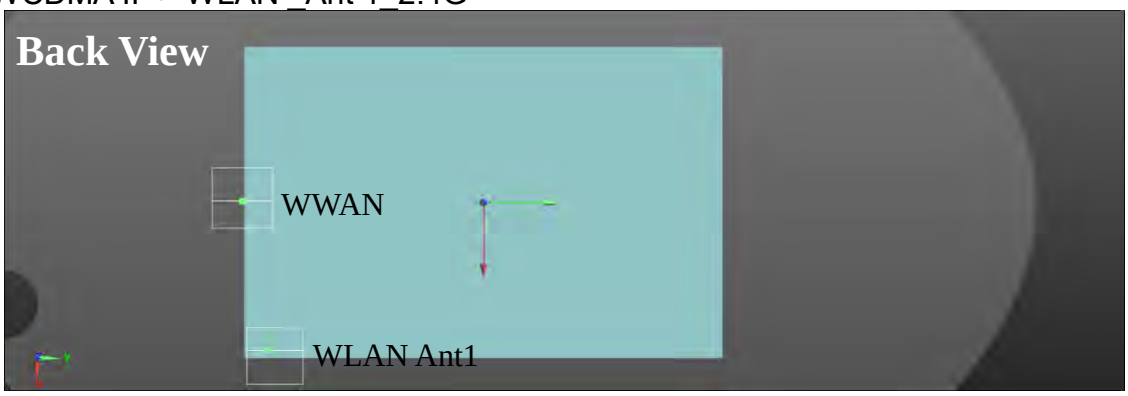
WLAN Ant 1 2.4G ->WLAN Ant 2 2.4G



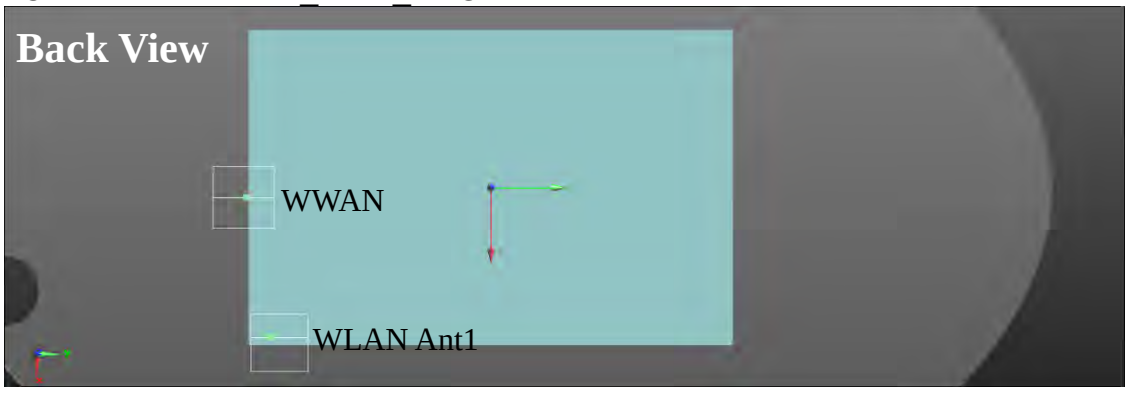
Gprs850 -> WLAN _Ant 1_2.4G



WCDMA II -> WLAN _Ant 1_2.4G



WCDMA IV -> WLAN _Ant 1_2.4G



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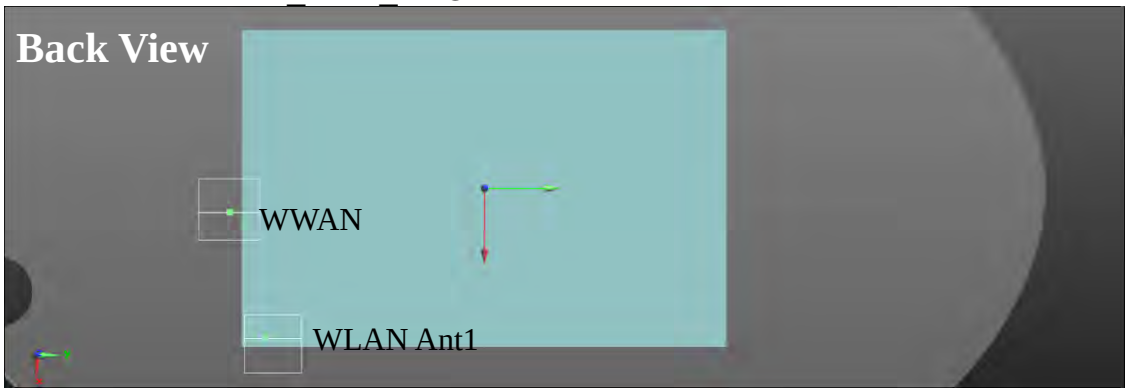
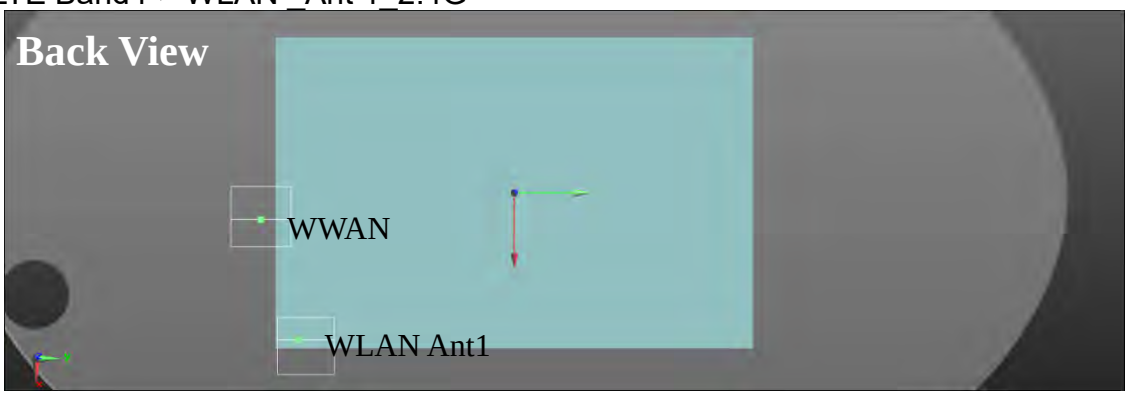
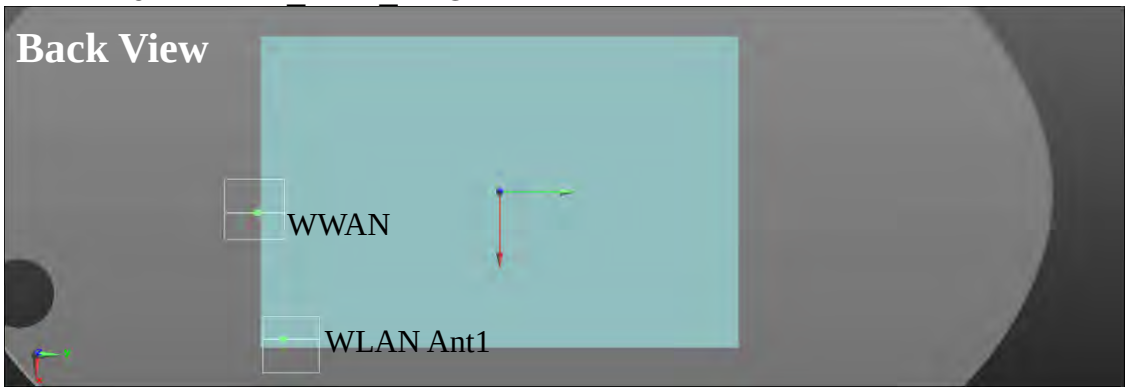
LTE Band2-> WLAN _Ant 1_2.4G



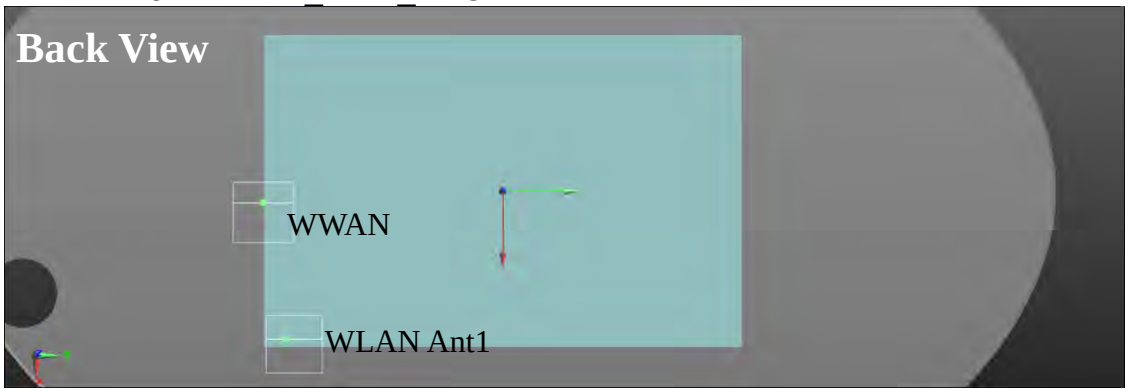
LTE Band4-> WLAN _Ant 1_2.4G



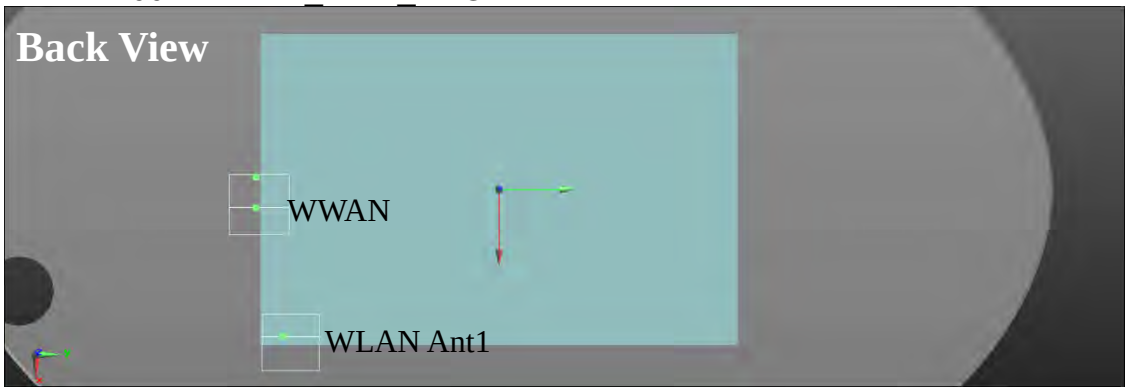
LTE Band5-> WLAN _Ant 1_2.4G



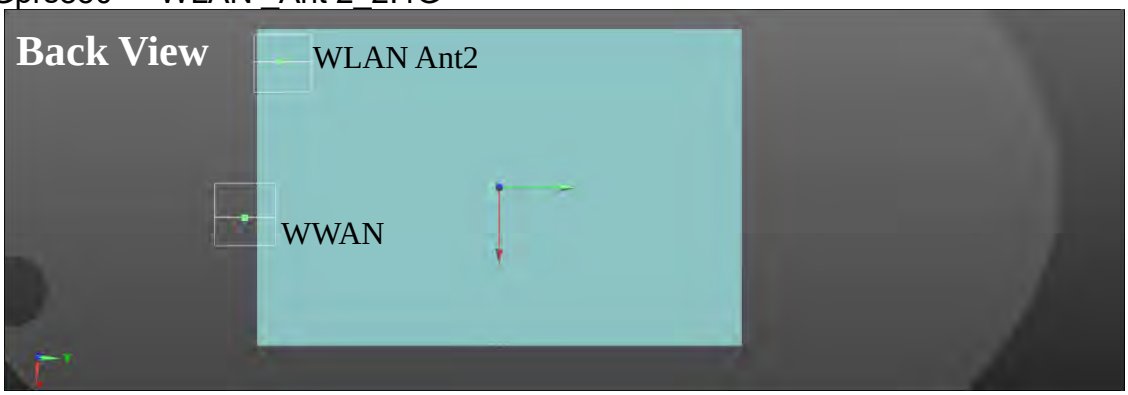
LTE Band25-> WLAN _Ant 1_2.4G



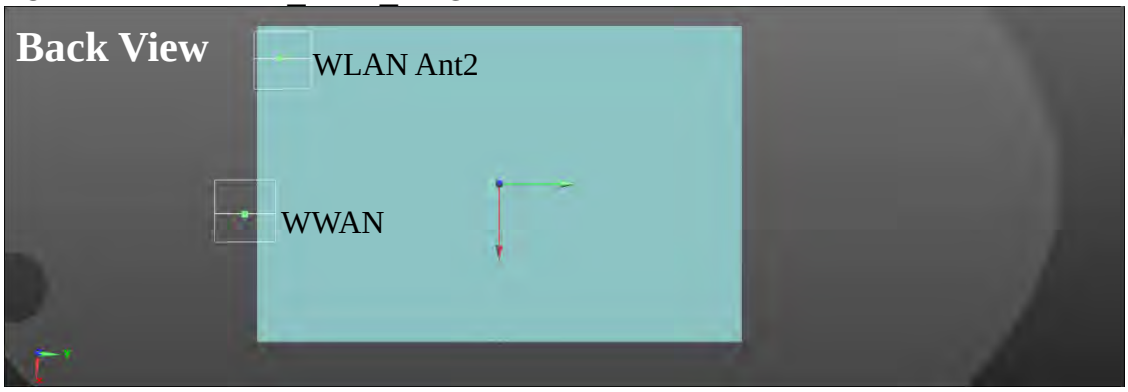
LTE Band66-> WLAN _Ant 1_2.4G



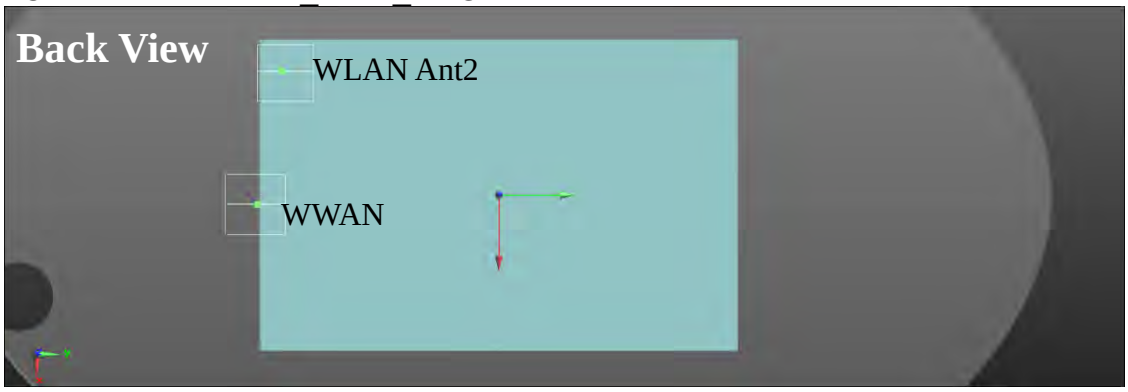
Gprs850 -> WLAN _Ant 2_2.4G



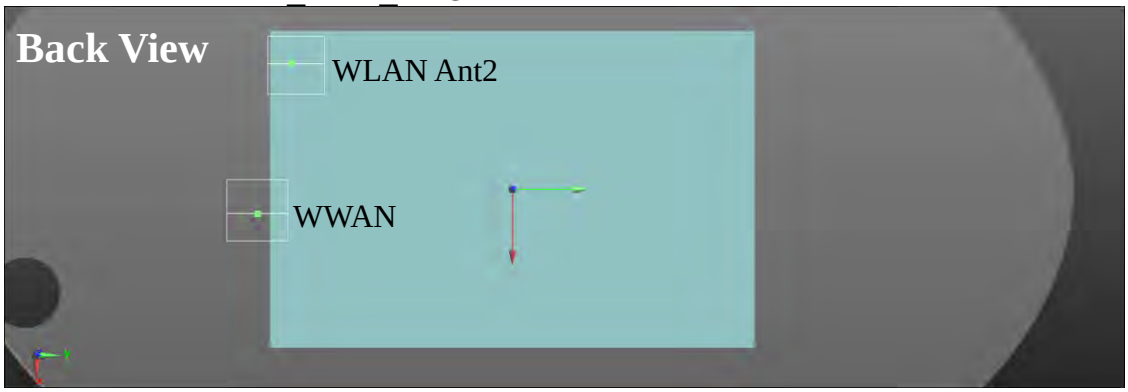
WCDMA II -> WLAN _Ant 2_2.4G



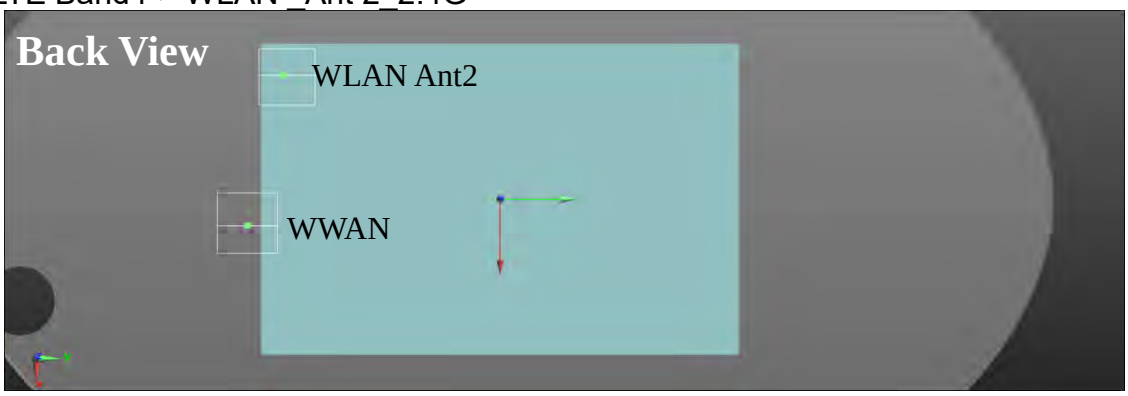
WCDMA IV -> WLAN _Ant 2_2.4G



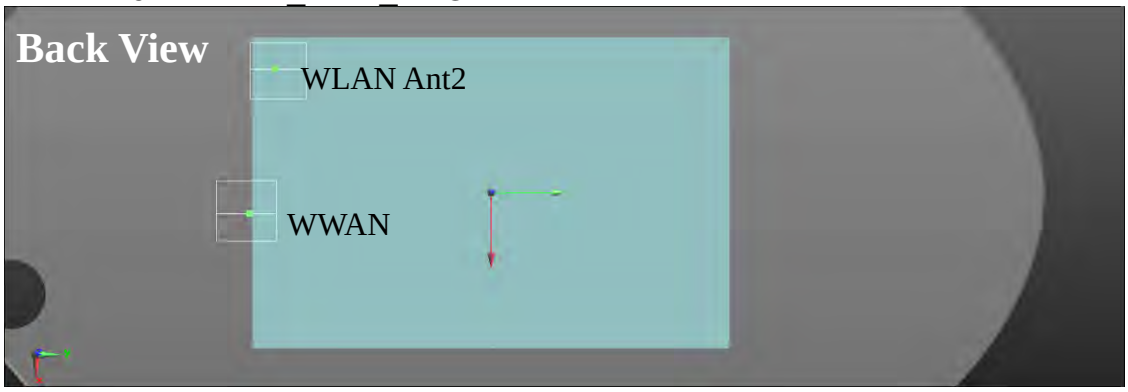
LTE Band2-> WLAN _Ant 2_2.4G



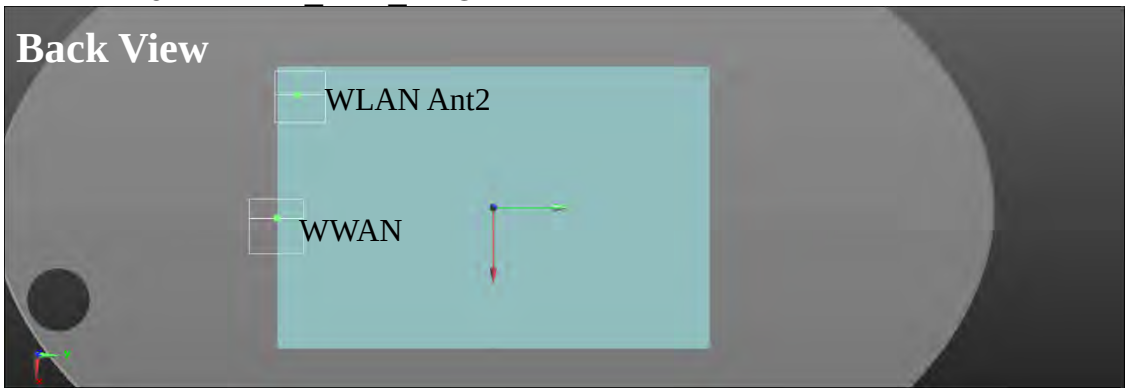
LTE Band4-> WLAN _Ant 2_2.4G



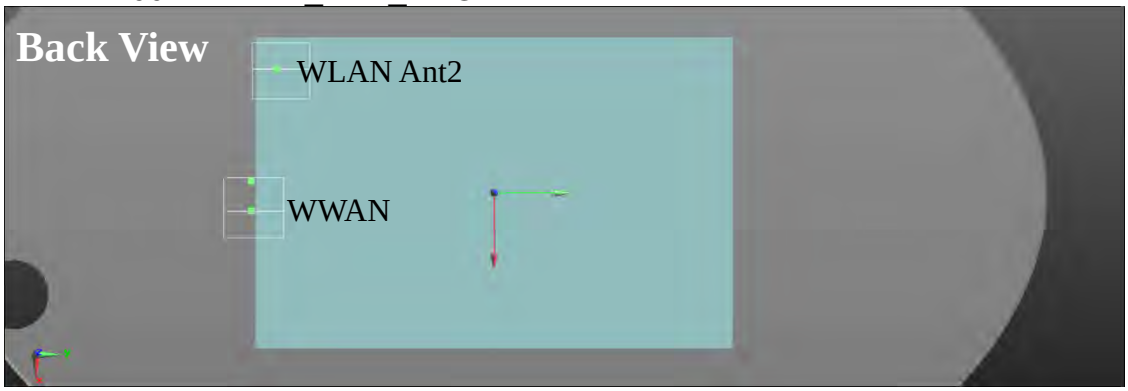
LTE Band5-> WLAN _Ant 2_2.4G



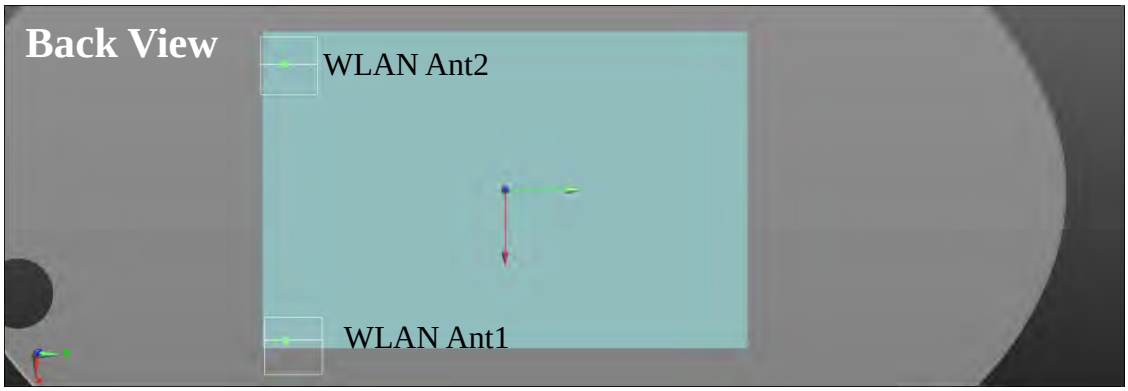
LTE Band25-> WLAN _Ant2_2.4G



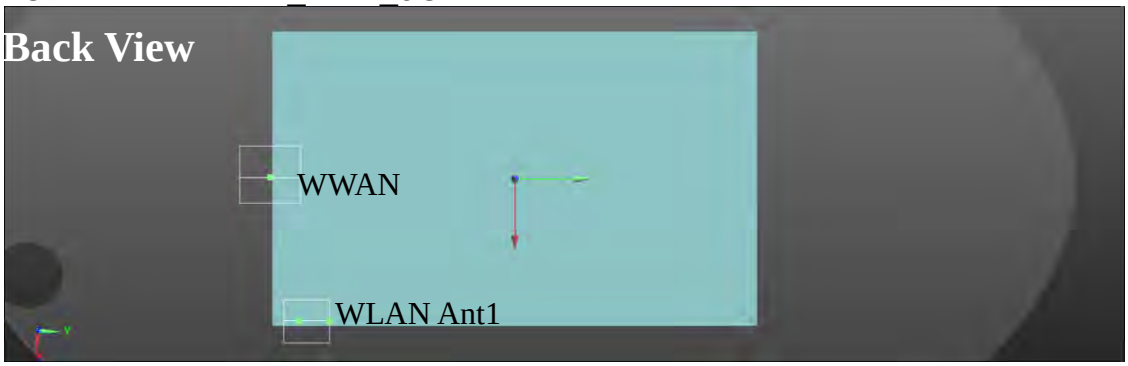
LTE Band66-> WLAN _Ant2_2.4G



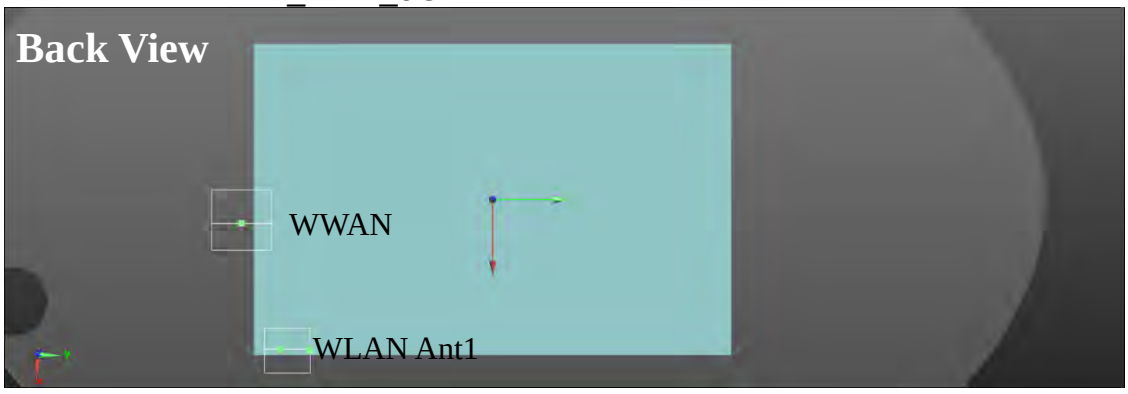
WLAN Ant1 2.4G + WLAN Ant2 2.4G



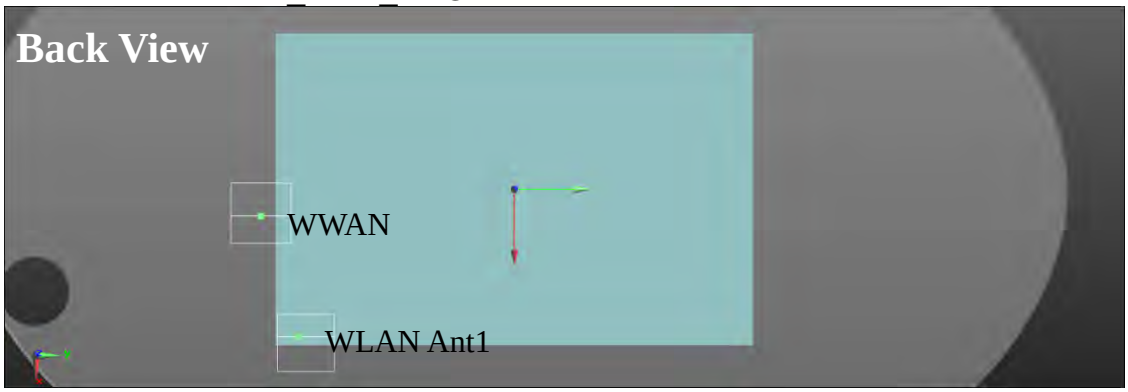
WCDMA II -> WLAN _Ant 2_5G



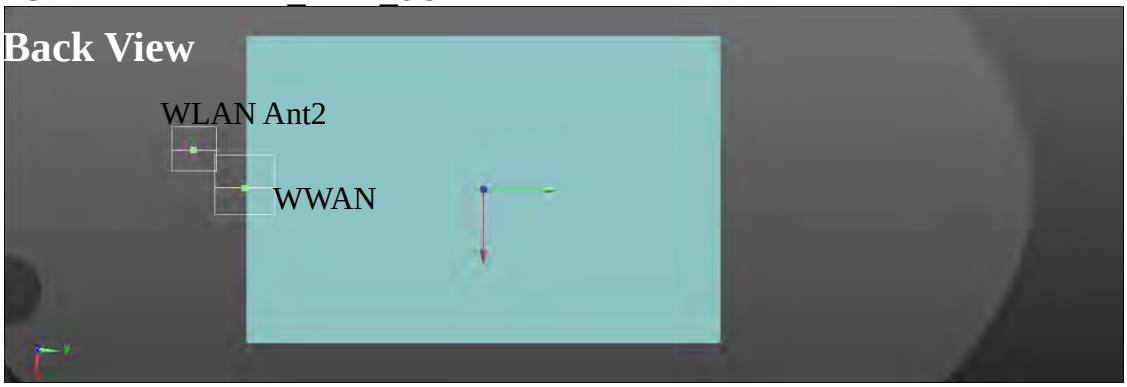
LTE Band2-> WLAN _Ant 2_5G



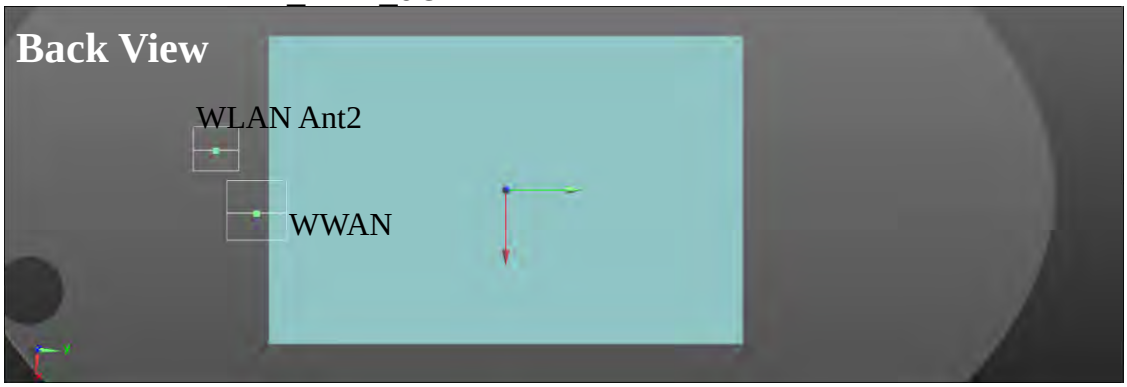
LTE Band4-> WLAN _Ant 1_2.4G



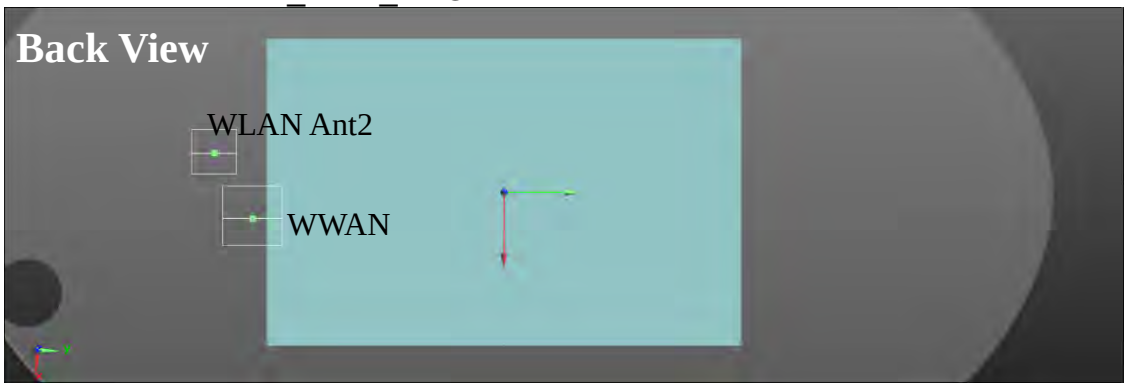
WCDMA II -> WLAN _Ant 2_5G



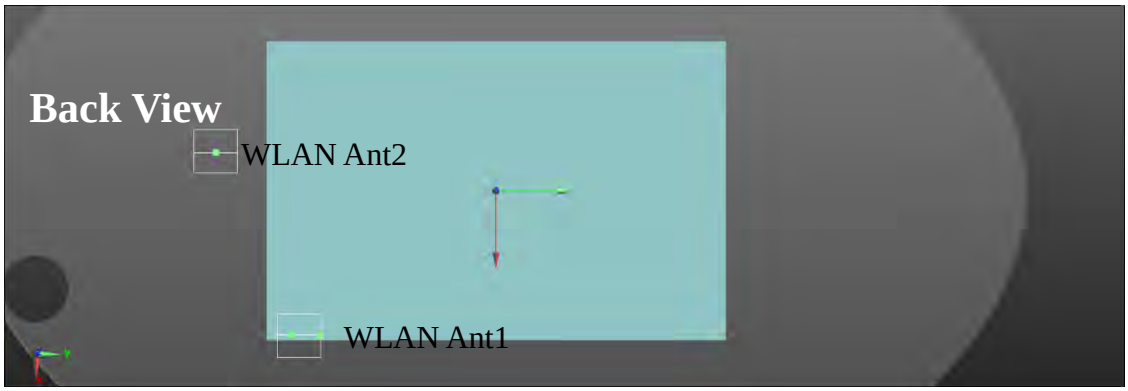
LTE Band2-> WLAN _Ant 2_5G



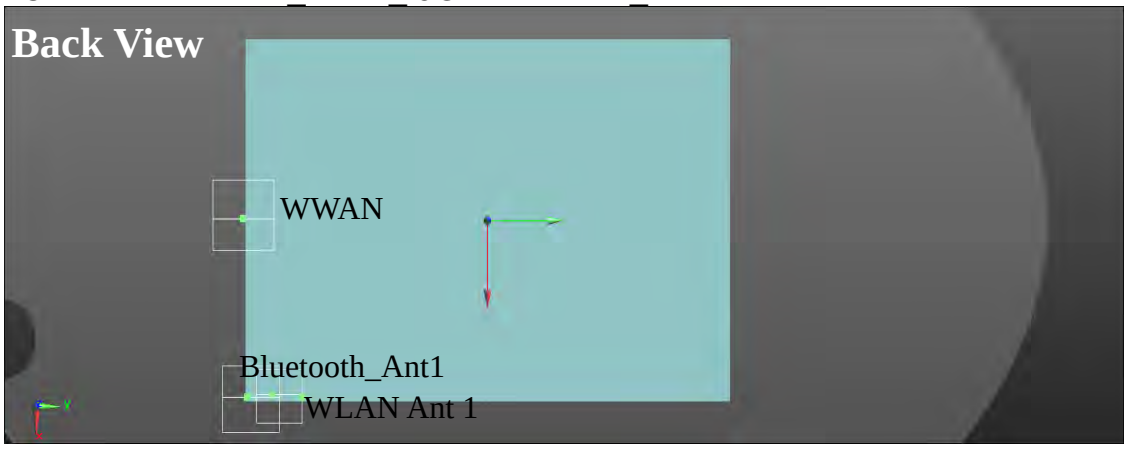
LTE Band4-> WLAN _Ant 1_2.4G



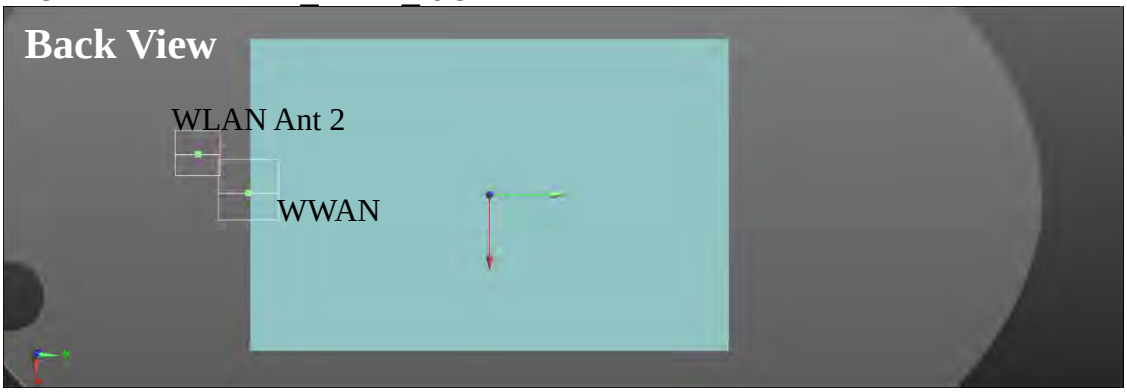
WLAN Ant1 5G + WLAN Ant2 5G



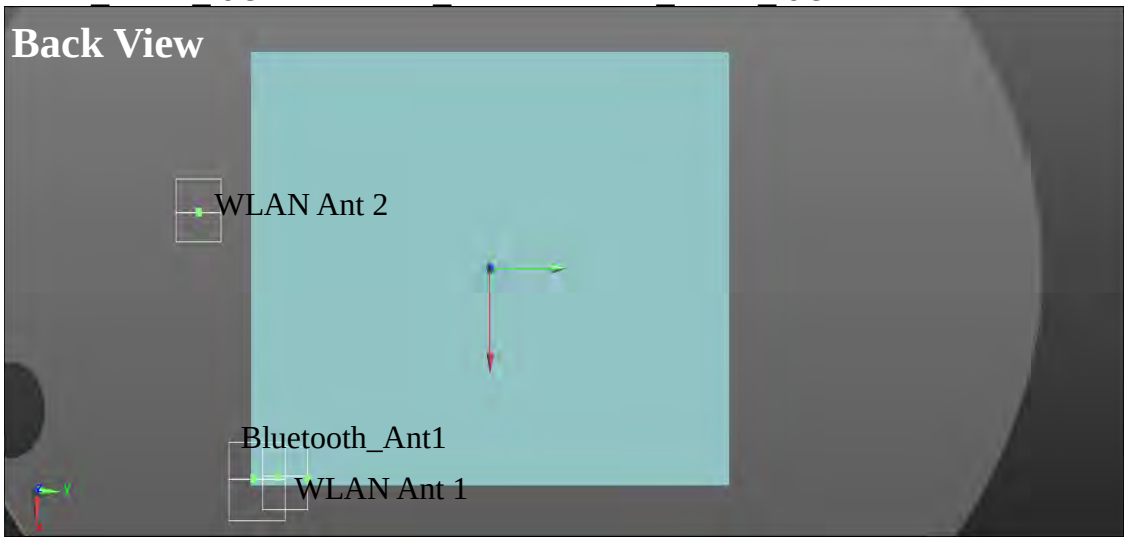
WCDMA II -> WLAN _Ant 1 _ 5G + Bluetooth_Ant1



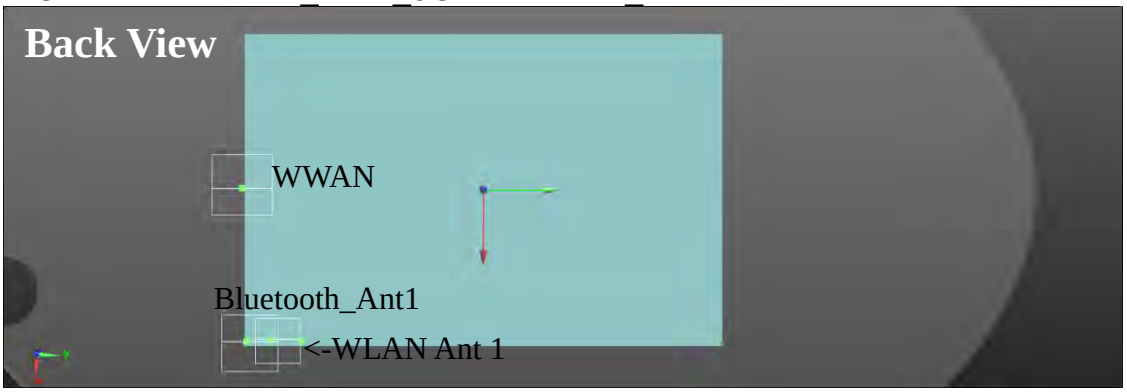
WCDMA II -> WLAN _Ant 2 _ 5G



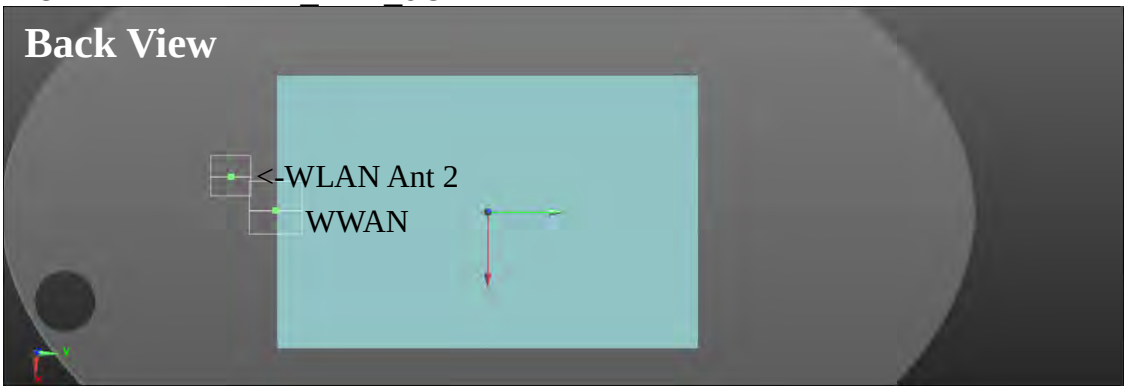
WLAN _Ant 1 _ 5G + Bluetooth_Ant1-> WLAN _Ant 2 _ 5G



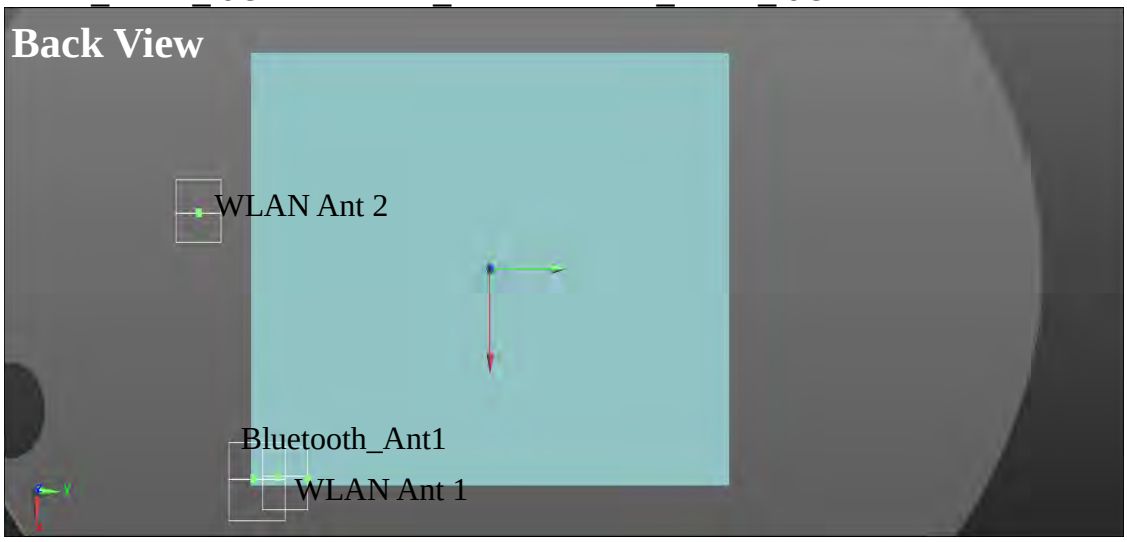
WCDMA II -> WLAN _Ant 1_5G + Bluetooth_Ant1



WCDMA II -> WLAN _Ant2_5G



WLAN _Ant 1 _ 5G + Bluetooth_Ant1-> WLAN _Ant 2 _ 5G



Conclusion:

Simultaneous transmission SAR measurement (Volume Scan) is not required because either the sum of the 1-g SAR is < 1.6 W/kg or the SPLSR is ≦ 0.04 for all circumstances that require SPLSR calculation.

4. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Dosimetric E-Field Probe	EX3DV4	7509	Mar.25,2019	Mar.24,2020
			7466	Feb.04,2020	Feb.03,2021
SPEAG	System Validation Dipole	D750V3	1015	Aug.23,2019	Aug.22,2020
		D835V2	4d063	Aug.23,2019	Aug.22,2020
		D1750V2	1008	Aug.23,2019	Aug.22,2020
		D1900V2	5d173	Apr.22,2020	Apr.21,2021
		D2450V2	727	Apr.22,2020	Apr.21,2021
		D2600V2	1005	Jan.29,2020	Jan.28,2021
		D5GHzV2	1023	Jan.28,2020	Jan.27,2021
SPEAG	Data acquisition Electronics	DAE4	558	Oct.11,2019	Oct.10,2020
			1260	Sep.11,2019	Sep.10,2020
SPEAG	Software	DASY 52 V52.10.4	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Jan.28,2020	Jan.27,2021
Agilent	Dual-directional coupler	772D	MY46151242	Jul.30,2019	Jul.29,2020
		778D	MY48220468	Jul.30,2019	Jul.29,2020
Agilent	RF Signal Generator	N5181A	MY50144142	Dec.12,2019	Dec.11,2020
Agilent	Power Meter	ML2496A	1337004	Sep.19,2019	Sep.18,2020
Agilent	Power Sensor	MA2411B	1306052	Sep.19,2019	Sep.18,2020

TECPEL	Digital thermometer	DTM-303A	TP190085	Dec.16,2019	Dec.15,2020
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Anritsu	Radio Communication Test	MT8820C	6201061049	Dec.08,2019	Dec.07,2020
R&S	Radio Communication Test	CMW 500	125470	Dec.11,2019	Dec.10,2020
Agilent	EXA Signal Analyzer	N9019A	MY50060104	Nov.11,2019	Nov.10,2020

5. Measurements

Date: 2020/6/24

Report No. :ES/2020/60008

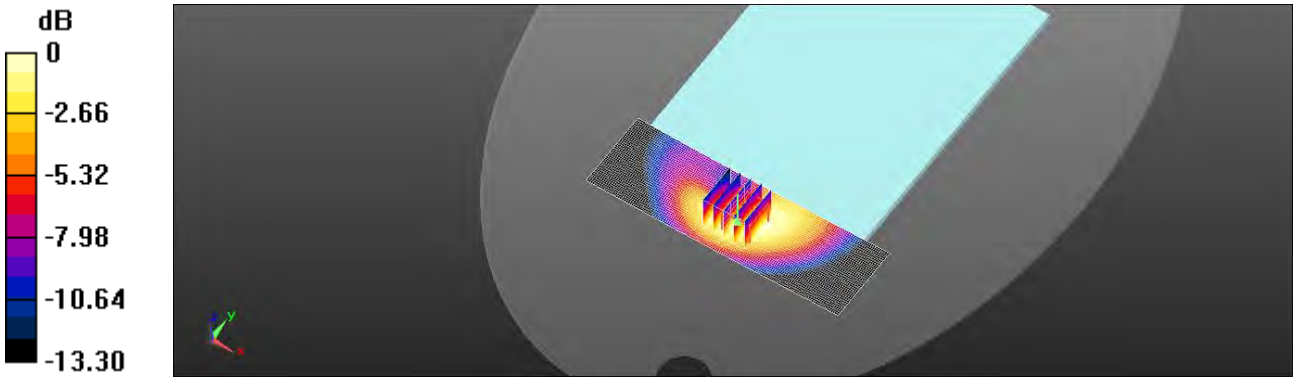
GPRS 850_Body_Back side_CH 190_14mm

Communication System: GPRS_2UP; Frequency: 836.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 837 MHz; σ = 0.891 S/m; ε_r = 42.863; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.894 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.265 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.437 W/kg
Smallest distance from peaks to all points 3 dB below = 13.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.9%
Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.888 W/kg = -0.52 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

GPRS 1900_Body_Back side_CH 661_14mm

Communication System: GPRS (1Dn3Up); Frequency: 1880 MHz; Duty cycle= 1:1

Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 39.341; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1880 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x51x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.613 W/kg

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

Reference Value = 2.398 V/m; Power Drift = 1.09 dB

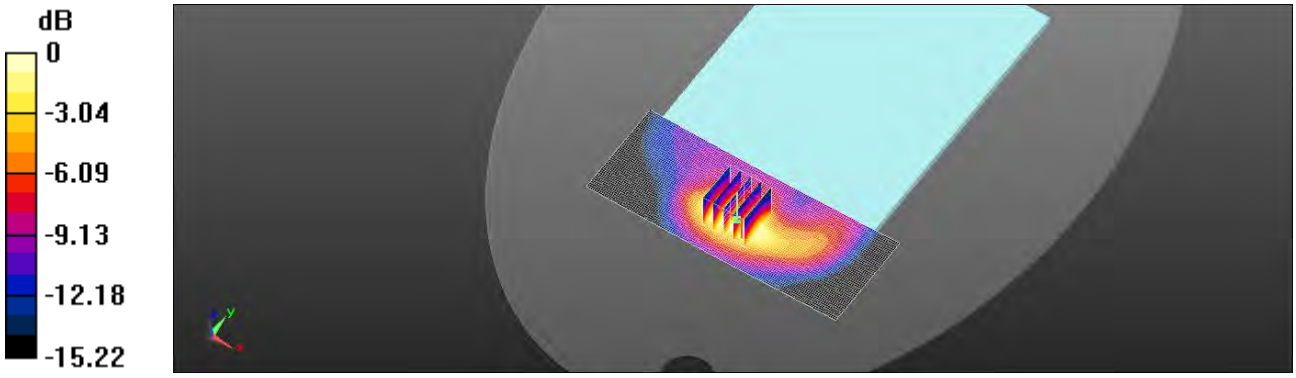
Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 14.3 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

WCDMA Band II_Body_Top side_CH 9400_20mm

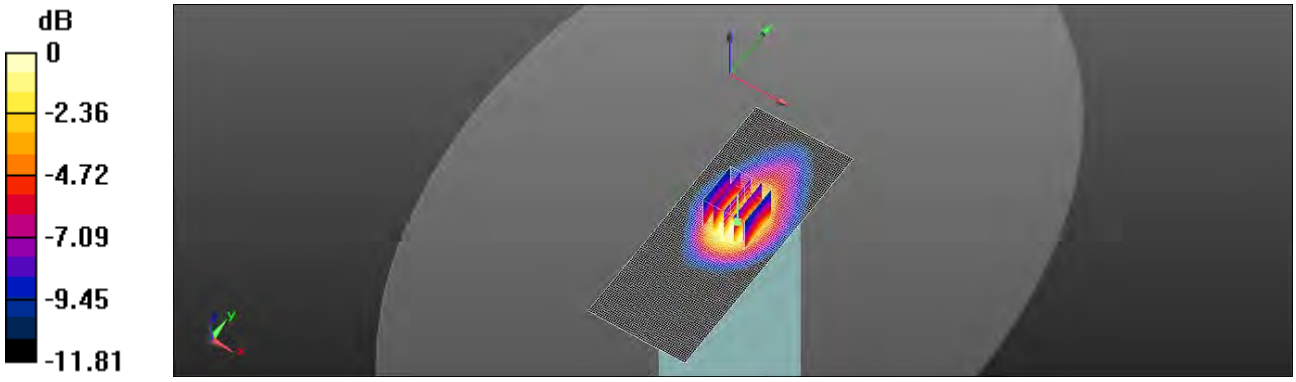
Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1
Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 39.341; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1880 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.56 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.718 W/kg
Smallest distance from peaks to all points 3 dB below = 14.4 mm
Ratio of SAR at M2 to SAR at M1 = 75%
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

WCDMA Band IV_Body_Back side_CH 1412_14mm

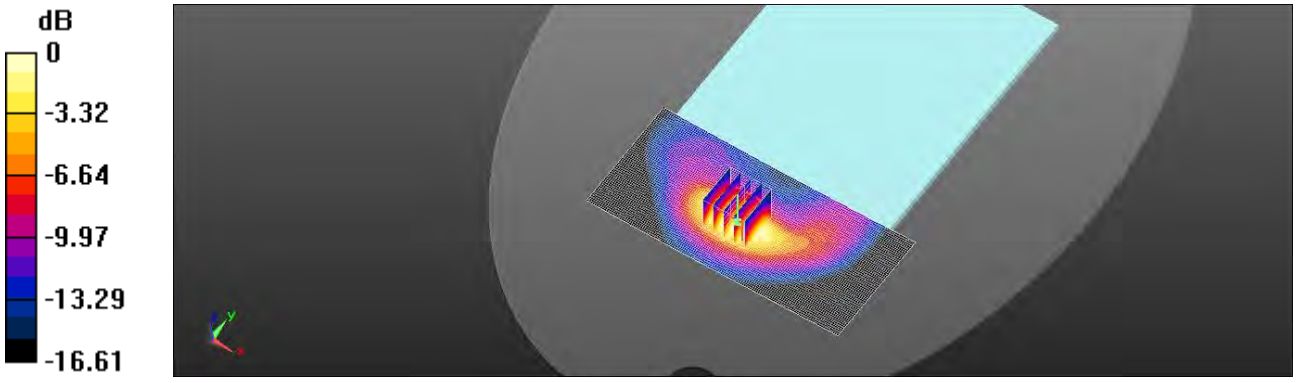
Communication System: WCDMA; Frequency: 1732.4 MHz; Duty cycle= 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.313 S/m; ε_r = 39.804; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1732.4 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.209 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.479 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Date: 2020/6/24

Report No. :ES/2020/60008

WCDMA Band V_Body_Back side_CH 4183_14mm

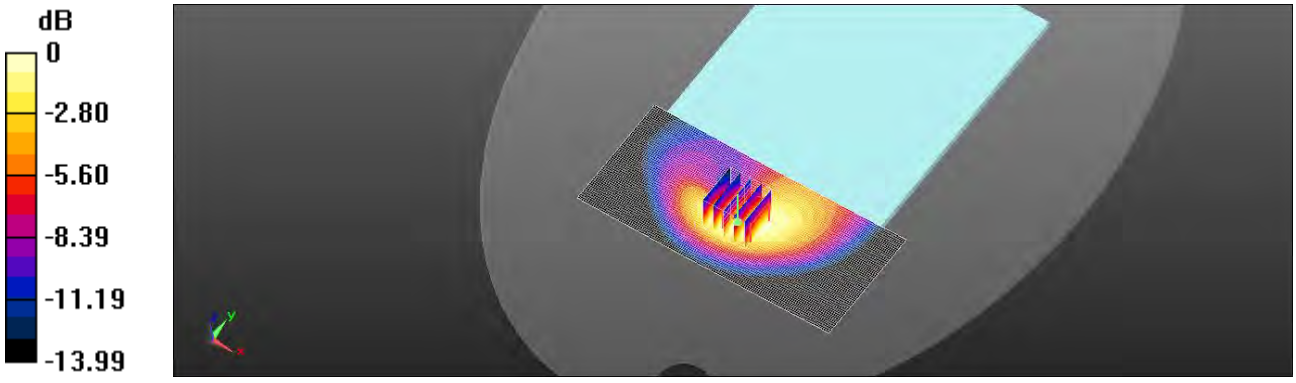
Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 837 MHz; σ = 0.891 S/m; ε_r = 42.863; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.847 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.007 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.400 W/kg
Smallest distance from peaks to all points 3 dB below = 13.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

LTE Band 2 (20MHz)_Body_Back side_CH 18900_QPSK 1-0_14mm

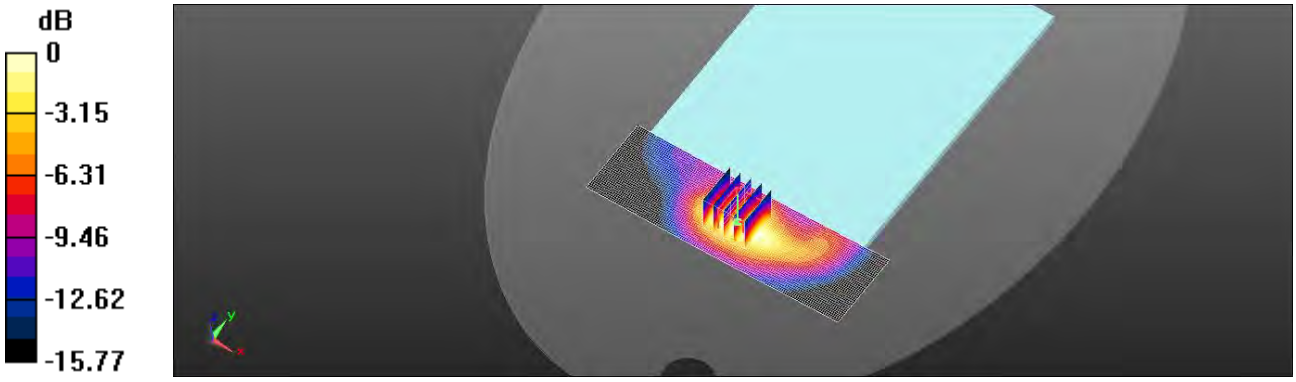
Communication System: LTE; Frequency: 1880 MHz; Duty cycle= 1:1
Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 39.341; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1880 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.989 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.486 W/kg
Smallest distance from peaks to all points 3 dB below = 13.7 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

LTE Band 4 (20MHz)_Body_Back side_CH 20050_QPSK 1-99_14mm

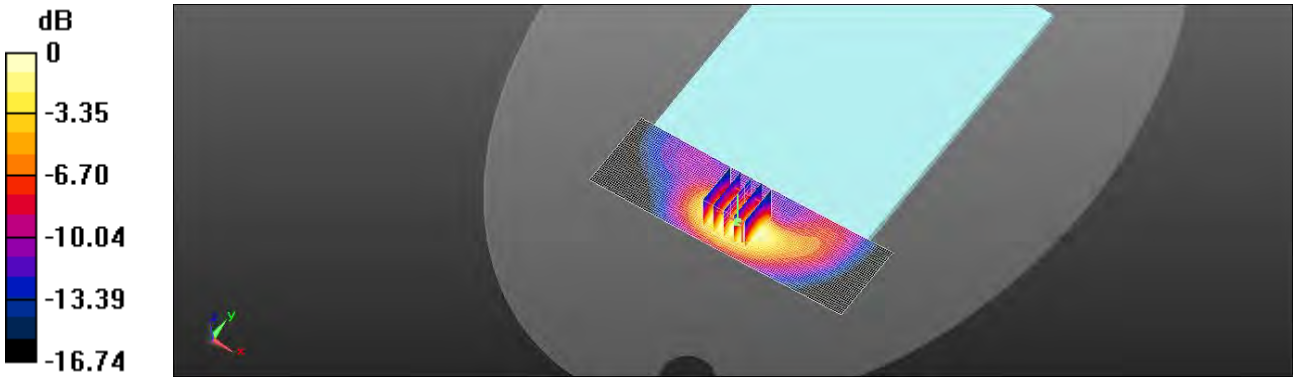
Communication System: LTE; Frequency: 1720 MHz; Duty cycle= 1:1
Medium parameters used: f = 1720 MHz; σ = 1.302 S/m; ε_r = 39.827; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1720 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.717 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.844 W/kg; SAR(10 g) = 0.481 W/kg
Smallest distance from peaks to all points 3 dB below = 12.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Date: 2020/6/24

Report No. :ES/2020/60008

LTE Band 5 (10MHz)_Body_Back side_CH 20525_QPSK 1-0_14mm

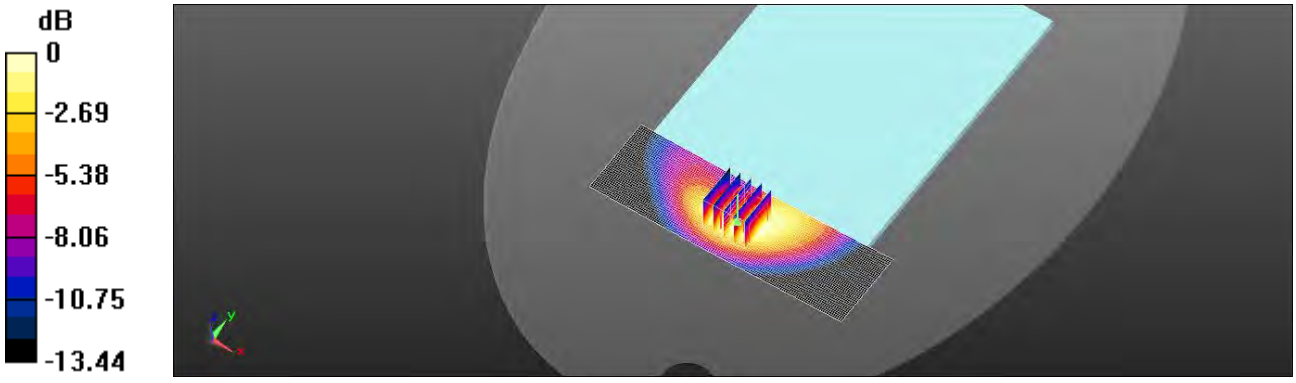
Communication System: LTE; Frequency: 836.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 836.5 MHz; σ = 0.889 S/m; ε_r = 42.875; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.702 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.474 W/kg
Smallest distance from peaks to all points 3 dB below = 12.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.7%
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg

Date: 2020/6/23

Report No. :ES/2020/60008

LTE Band 12 (10MHz)_Body_Back side_CH 23060_QPSK 1-0_14mm

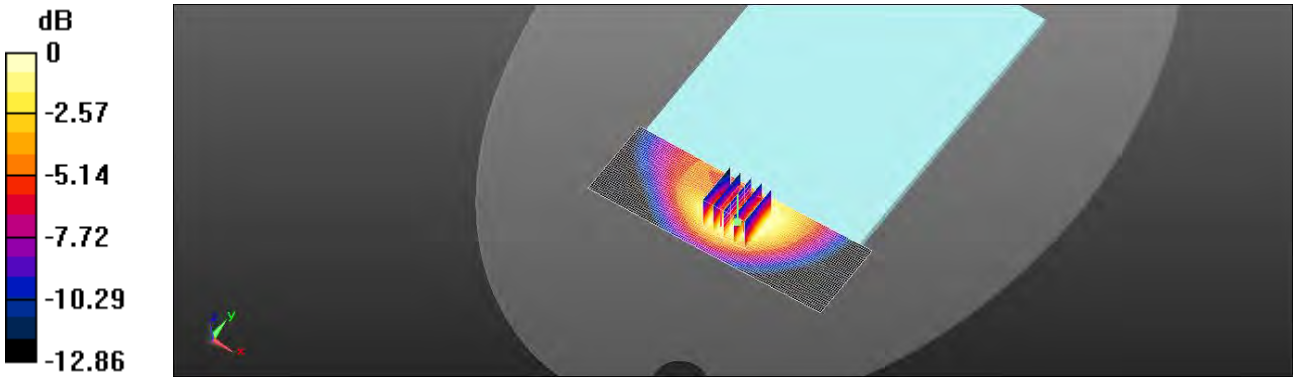
Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1
Medium parameters used: f = 704 MHz; σ = 0.849 S/m; ε_r = 42.701; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 704 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (121x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.562 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.627 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.688 W/kg
SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.272 W/kg
Smallest distance from peaks to all points 3 dB below = 15.1 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 0.569 W/kg



0 dB = 0.569 W/kg = -2.45 dBW/kg

Date: 2020/6/23

Report No. :ES/2020/60008

LTE Band 13 (10MHz)_Body_Back side_CH 23230_QPSK 1-49_14mm

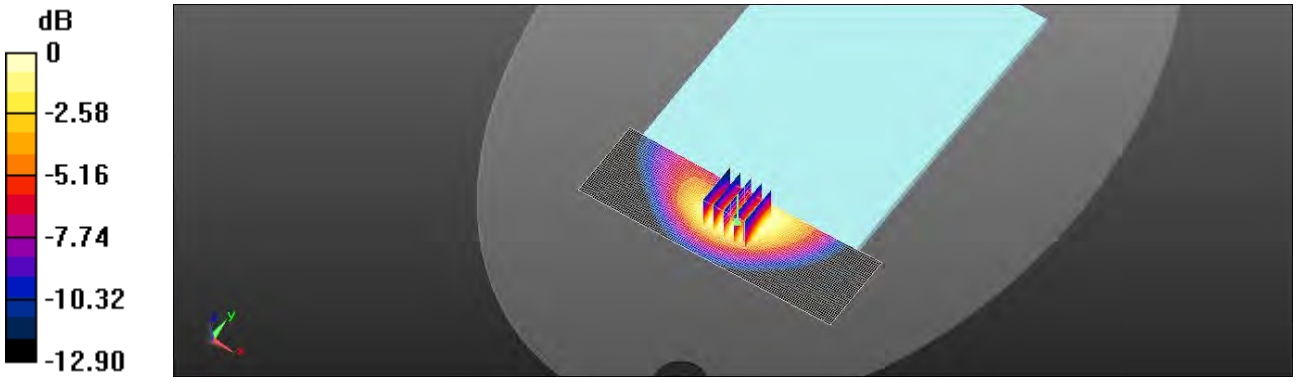
Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1
Medium parameters used: f = 782 MHz; σ = 0.921 S/m; ε_r = 41.721; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 782 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.785 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.769 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.395 W/kg
Smallest distance from peaks to all points 3 dB below = 13.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

LTE Band 25 (20MHz)_Body_Top side_CH 26365_QPSK 1-0_20mm

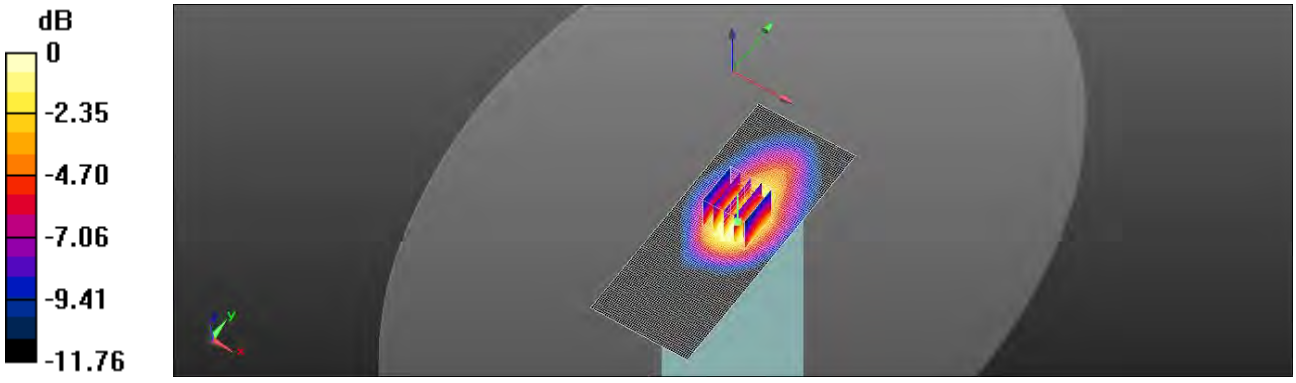
Communication System: LTE; Frequency: 1882.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.426 S/m; ε_r = 39.332; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1882.5 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.32 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.618 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 75.9%
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

LTE Band 26 (15MHz)_Body_Back side_CH 26765_QPSK 1-0_14mm

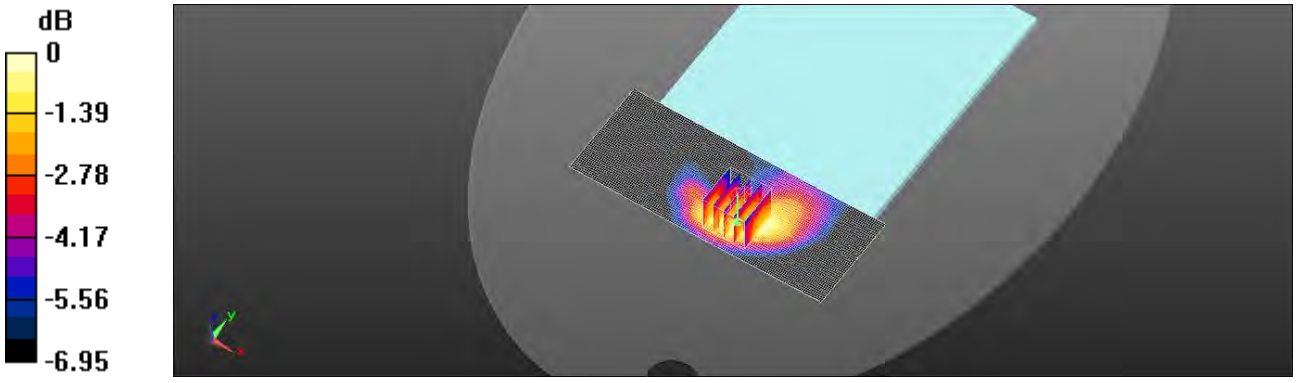
Communication System: LTE; Frequency: 821.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 821.5 MHz; σ = 0.878 S/m; ε_r = 43.211; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 821.5 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (131x51x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.931 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.823 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.617 W/kg
Smallest distance from peaks to all points 3 dB below = 14.8 mm
Ratio of SAR at M2 to SAR at M1 = 80.1%
Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

LTE Band 41 (20MHz)_Body_Top side_CH 39750_QPSK 1-0_20mm

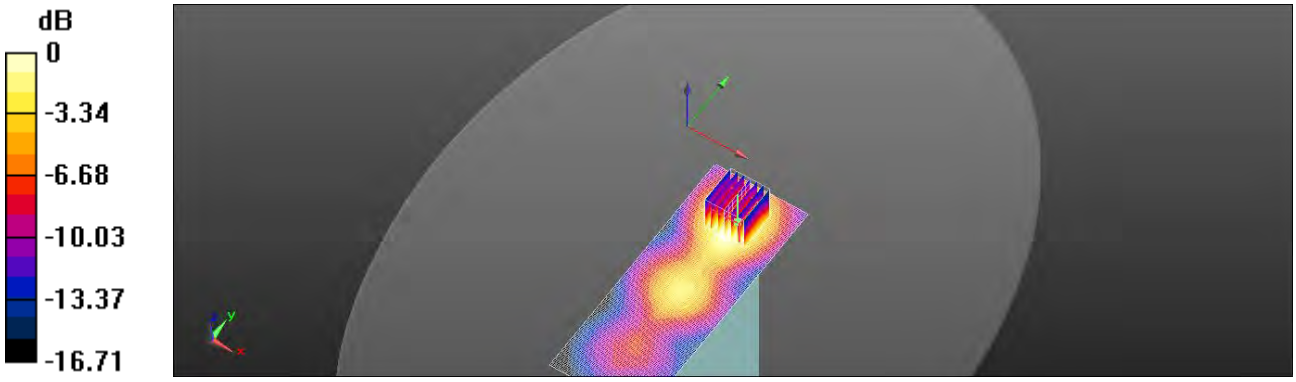
Communication System: LTE; Frequency: 2506 MHz; Duty cycle= 1:1.59956
Medium parameters used: f = 2506 MHz; σ = 1.914 S/m; ε_r = 38.017; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2506 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (61x161x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.505 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.38 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.575 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.220 W/kg
Smallest distance from peaks to all points 3 dB below = 16.1 mm
Ratio of SAR at M2 to SAR at M1 = 64.1%
Maximum value of SAR (measured) = 0.480 W/kg



0 dB = 0.480 W/kg = -3.19 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

LTE Band 66 (20MHz)_Body_Top side_CH 132322_QPSK 1-0_20mm

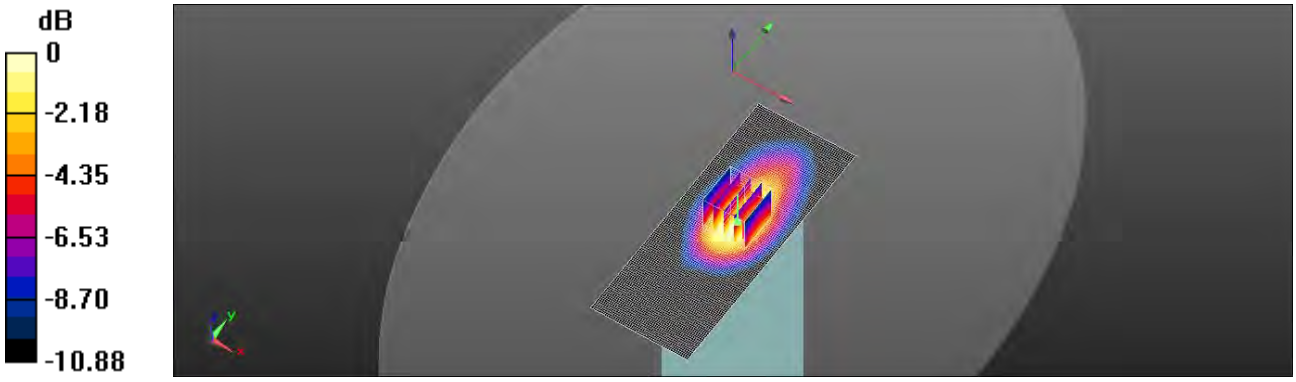
Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1
Medium parameters used: f = 1745 MHz; σ = 1.322 S/m; ε_r = 39.791; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1745 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.32 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.617 W/kg
Smallest distance from peaks to all points 3 dB below = 15.8 mm
Ratio of SAR at M2 to SAR at M1 = 78.3%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Date: 2020/6/24

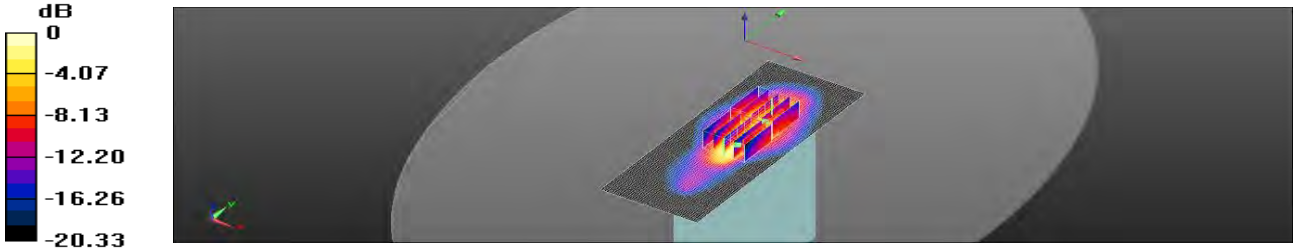
Report No. :ES/2020/60008

GPRS 850_Body_Top side_CH 190_0mm

Communication System: GPRS_2UP; Frequency: 836.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 837 MHz; σ = 0.891 S/m; ε_r = 42.863; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.836 W/kg
Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.78 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.341 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 34.4%
(measured) = 1.29 W/kg
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.78 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 24.6%
Maximum value of SAR (measured) = 0.844 W/kg



0 dB = 0.844 W/kg = -0.74 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

GPRS 1900_Body_Back side_CH 661_0mm

Communication System: GPRS_2UP; Frequency: 1880 MHz; Duty cycle= 1:1
Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 39.341; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1880 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm

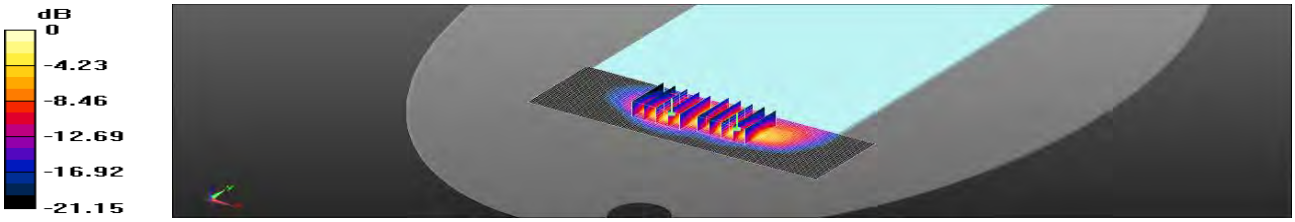
Maximum value of SAR (interpolated) = 0.781 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5m
Reference Value = 2.883 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.190 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 40.6%
Maximum value of SAR (measured) = 0.823 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.883 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.225 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 34.8%
Maximum value of SAR (measured) = 0.898 W/kg



0 dB = 0.898 W/kg = -0.47 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

WCDMA Band II_Body_Bake side_CH 9400_0mm

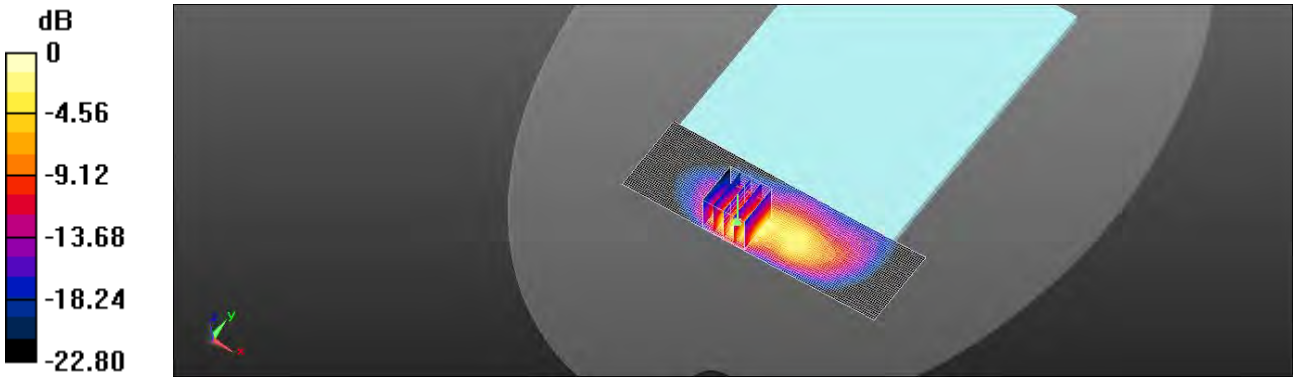
Communication System: WCDMA; Frequency: 1880 MHz; Duty cycle= 1:1
Medium parameters used: f = 1880 MHz; σ = 1.418 S/m; ε_r = 39.341; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1880 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.111 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.305 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 45.2%
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

WCDMA Band IV_Body_Bake Side_CH 1412 0mm

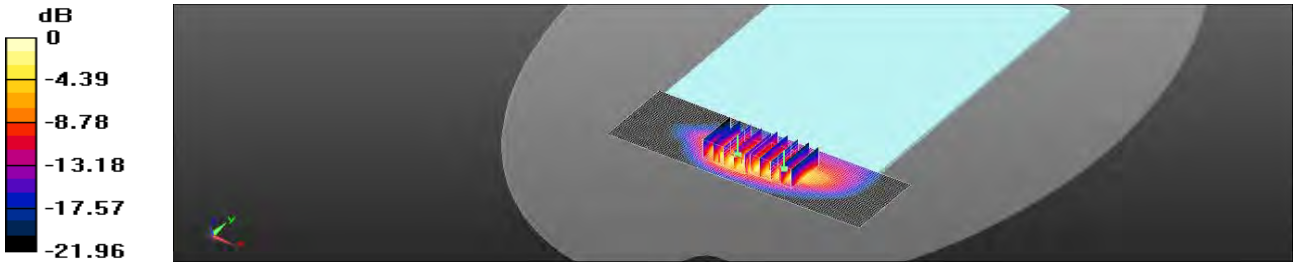
Communication System: WCDMA; Frequency: 1732.4 MHz; Duty cycle= 1:1
Medium parameters used: f = 1732.4 MHz; σ = 1.313 S/m; ε_r = 39.804; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1732.4 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.014 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.249 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 34.9%
Maximum value of SAR (measured) = 1.03 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.014 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.282 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 36.8%
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Date: 2020/6/24

Report No. :ES/2020/60008

WCDMA Band V_Body_Bake Side_CH 4183 0mm

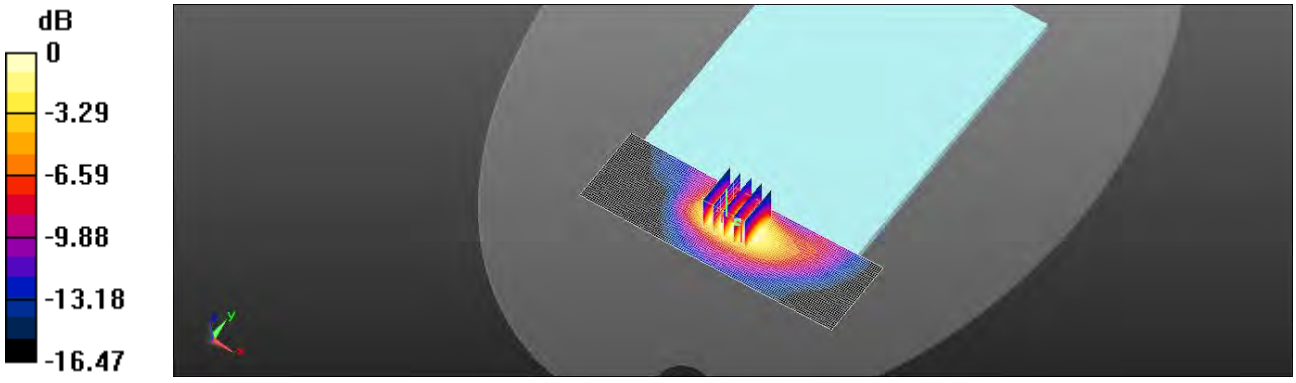
Communication System: WCDMA; Frequency: 836.6 MHz; Duty cycle= 1:1
Medium parameters used: f = 837 MHz; σ = 0.891 S/m; ε_r = 42.863; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 836.6 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.982 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.289 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 41.7%
Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

LTE Band 2 (20MHz)_Body_Back side_CH 18700_QPSK 1-0_0mm

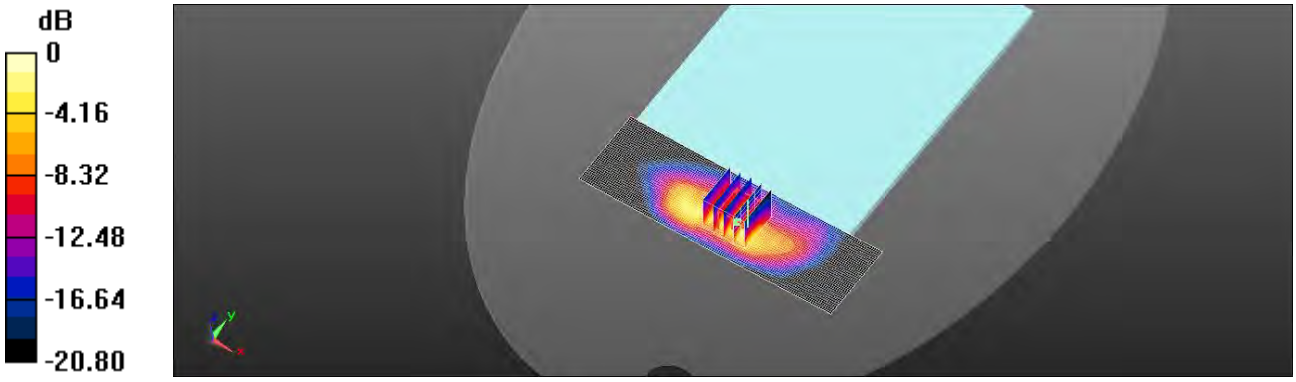
Communication System: LTE; Frequency: 1860 MHz; Duty cycle= 1:1
Medium parameters used: f = 1860 MHz; σ = 1.399 S/m; ε_r = 39.374; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1860 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.982 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.079 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.315 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 40%
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

LTE Band 4 (20MHz)_Body_Top side_CH 20300_QPSK 1-0_0mm

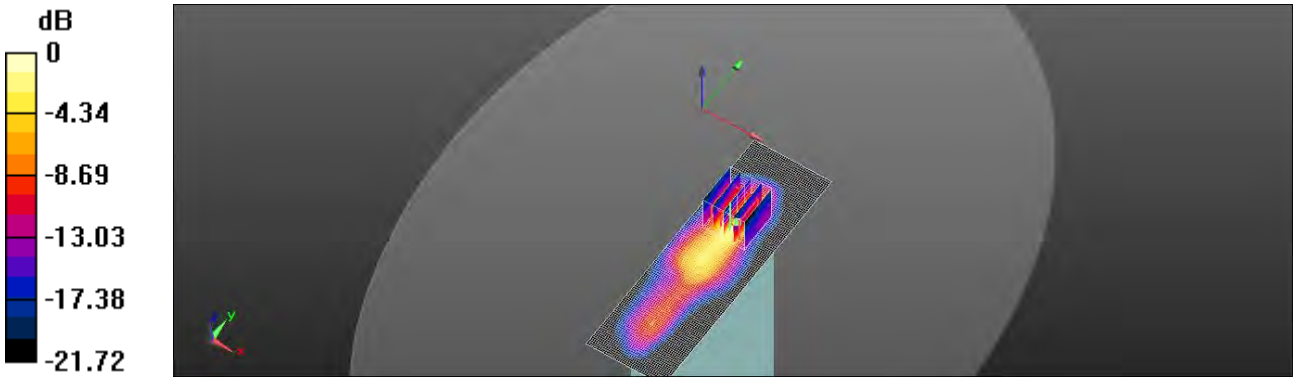
Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1
Medium parameters used: f = 1745 MHz; σ = 1.322 S/m; ε_r = 39.791; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1745 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (41x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.966 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.59 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.284 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 33.1%
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

Date: 2020/6/24

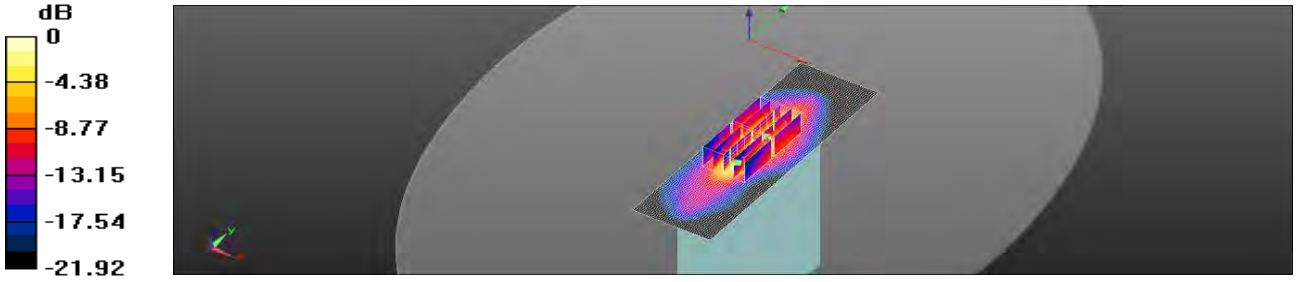
Report No. :ES/2020/60008

LTE Band 5 (10MHz)_Body_Top side_CH 20450_QPSK 1-49_0mm

Communication System: LTE; Frequency: 829 MHz; Duty cycle= 1:1
Medium parameters used: f = 829 MHz; σ = 0.881 S/m; ε_r = 42.981; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 829 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (41x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.986 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.87 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.381 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 40.7%
Maximum value of SAR (measured) = 1.32 W/kg
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.87 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.302 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 28.3%
TEMP(text too long) Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

Date: 2020/6/23

Report No. :ES/2020/60008

LTE Band 12 (10MHz)_Body_Back side_CH 23060_QPSK 1-0_0mm

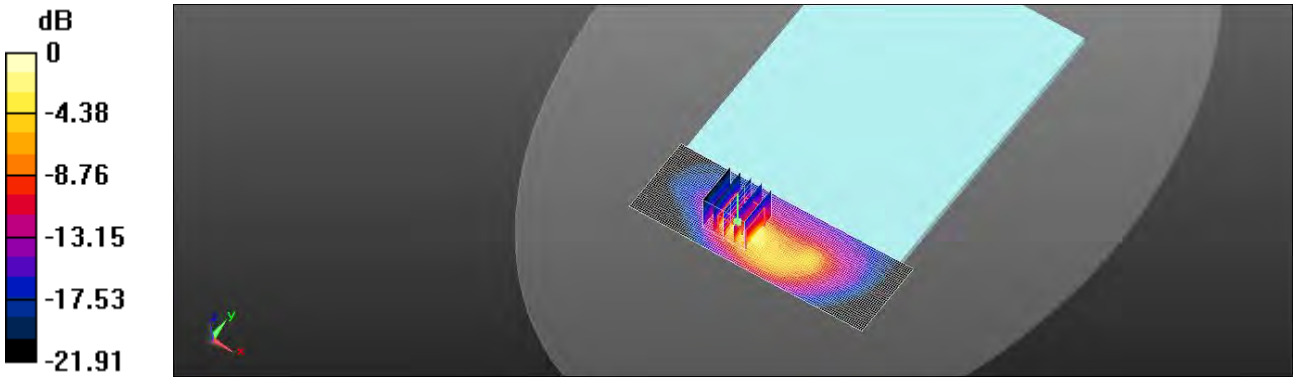
Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1
Medium parameters used: f = 704 MHz; σ = 0.849 S/m; ε_r = 42.701; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 704 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.227 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 4.16 W/kg
SAR(1 g) = 0.98 W/kg; SAR(10 g) = 0.386 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 22.3%
Maximum value of SAR (measured) = 2.07 W/kg



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

Date: 2020/6/23

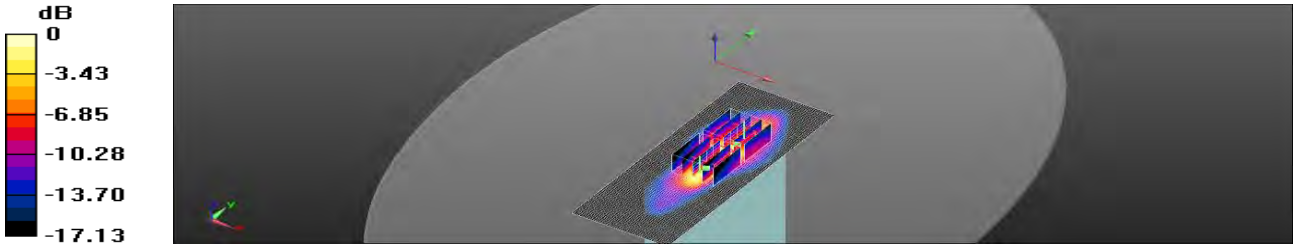
Report No. :ES/2020/60008

LTE Band 13 (10MHz)_Body_Top side_CH 23230_QPSK 1-0_0mm

Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1
Medium parameters used: f = 782 MHz; σ = 0.921 S/m; ε_r = 41.721; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 22.0°C
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 782 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (51x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.10 W/kg
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.06 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.339 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 29.8%
Maximum value of SAR (measured) = 1.48 W/kg
Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.06 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.393 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 39.8%
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

LTE Band 25 (20MHz)_Body_Back side_CH 26590_QPSK 1-0_0mm

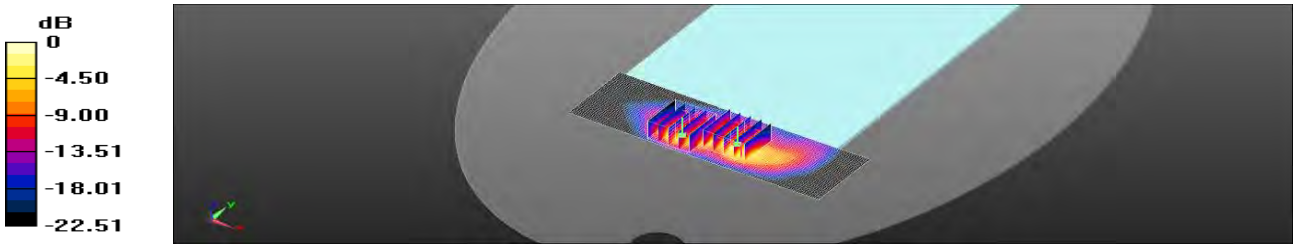
Communication System: LTE; Frequency: 1905 MHz; Duty cycle= 1:1
Medium parameters used: f = 1905 MHz; σ = 1.435 S/m; ε_r = 39.295; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1905 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (131x41x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.746 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.797 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.252 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 46.7%
Maximum value of SAR (measured) = 0.939 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.797 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.285 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 44.2%
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

LTE Band 26 (15MHz)_Body_Top side_CH 26965_QPSK 1-0_0mm

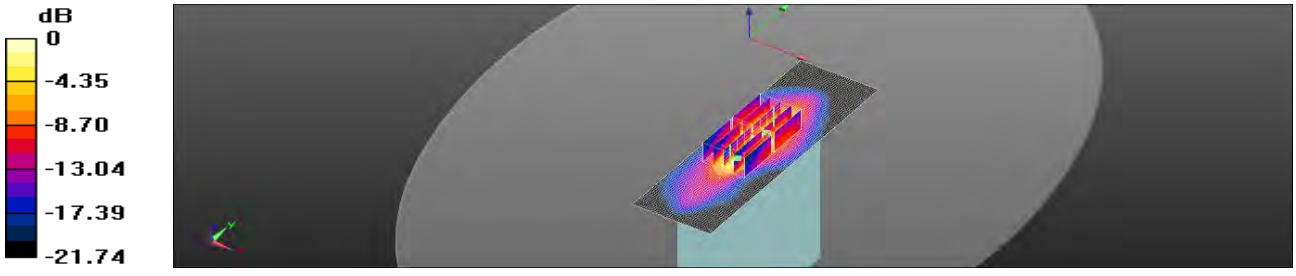
Communication System: LTE; Frequency: 841.5 MHz; Duty cycle= 1:1
Medium parameters used: f = 841.5 MHz; σ = 0.902 S/m; ε_r = 43.013; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.9℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 841.5 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (41x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.12 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.397 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 40.8%
Maximum value of SAR (measured) = 1.38 W/kg

Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.12 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.314 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 28.4%
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

LTE Band 41 (20MHz)_Body_Back side_CH 39750_QPSK 1-50_0mm

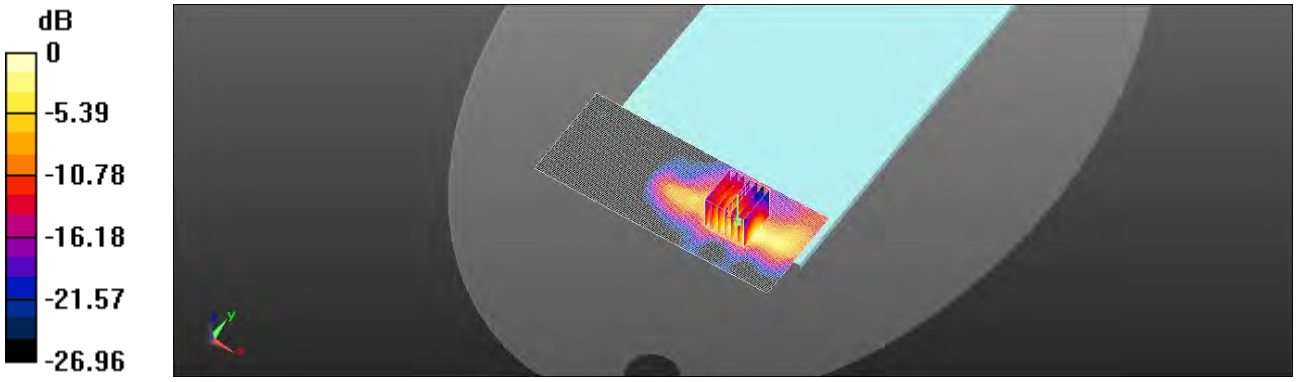
Communication System: LTE; Frequency: 2506 MHz; Duty cycle= 1:1.59956
Medium parameters used: f = 2506 MHz; σ = 1.914 S/m; ε_r = 38.017; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2506 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (151x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.59 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.112 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.92 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.370 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 48.7%
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

LTE Band 66 (20MHz)_Body_Top side_CH 132322_QPSK 1-99_0mm

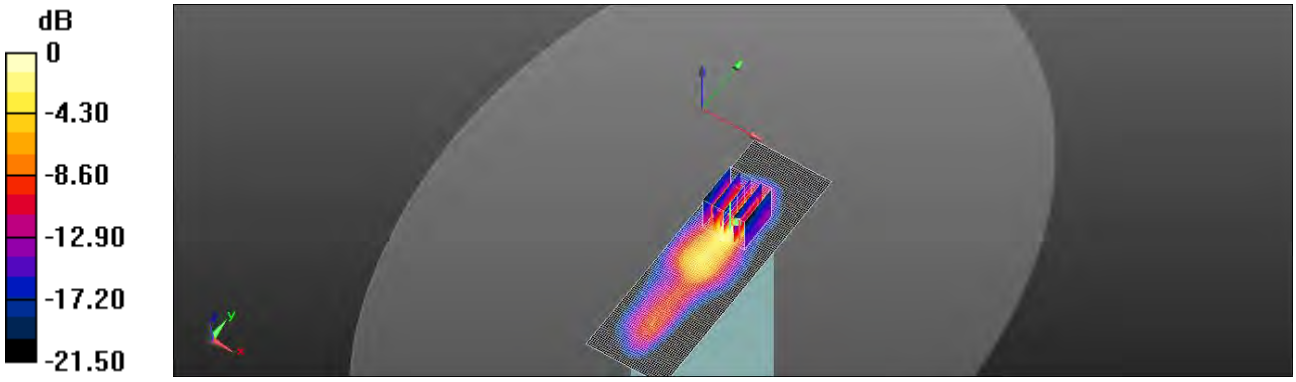
Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1
Medium parameters used: f = 1745 MHz; σ = 1.322 S/m; ε_r = 39.791; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1745 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (41x131x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.914 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.81 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.641 W/kg; SAR(10 g) = 0.266 W/kg
Smallest distance from peaks to all points 3 dB below = 5.8 mm
Ratio of SAR at M2 to SAR at M1 = 32.8%
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Right side_CH 1_8mm_Ant 1

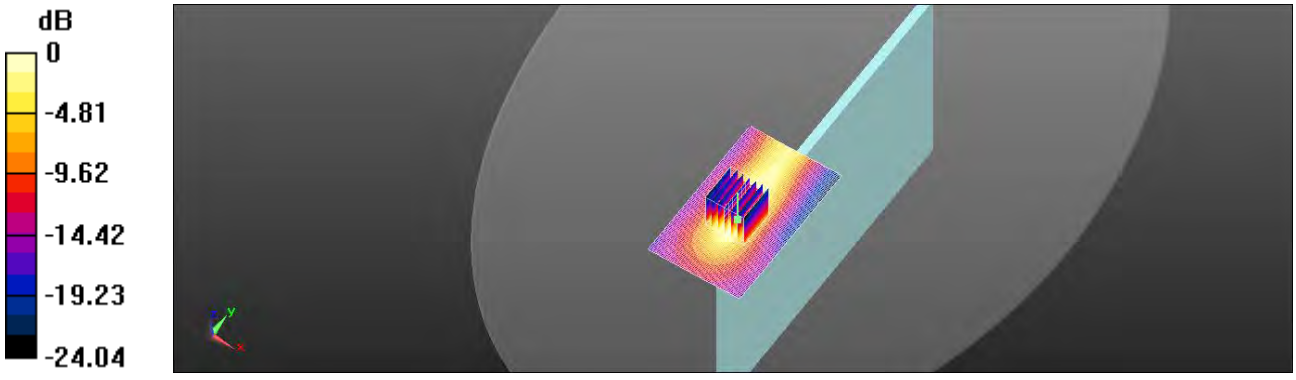
Communication System: WLAN 2.45G; Frequency: 2412 MHz; Duty cycle= 1:0.983
Medium parameters used: f = 2412 MHz; σ = 1.754 S/m; ε_r = 40.043; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2412 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.765 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.07 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.227 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 47%
Maximum value of SAR (measured) = 0.726 W/kg



0 dB = 0.726 W/kg = -1.39 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Right side_CH 78_8mm_Ant 1

Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768

Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0775 W/kg

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

Reference Value = 3.534 V/m; Power Drift = 0.10 dB

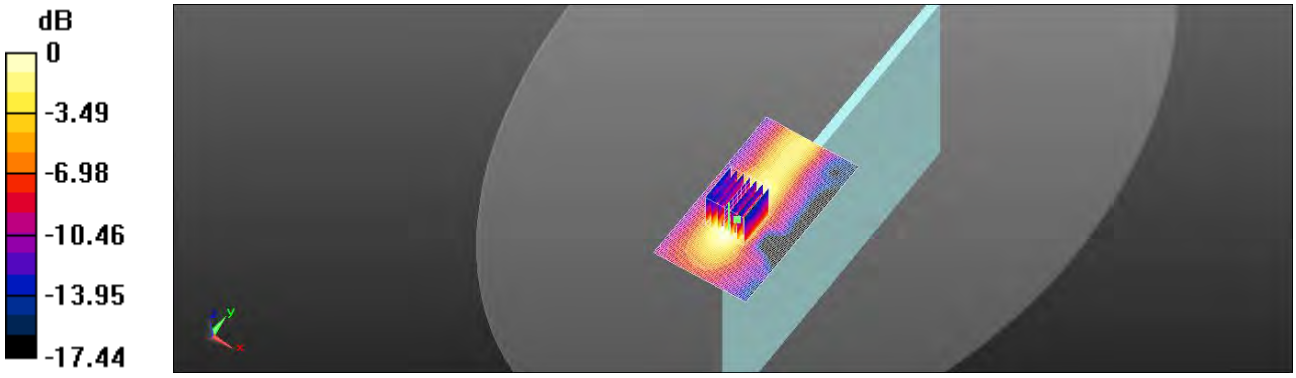
Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.030 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 0.0804 W/kg



0 dB = 0.0804 W/kg = -10.95 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11a 5.2G_Body_Right side_CH 48_8mm_Ant 1

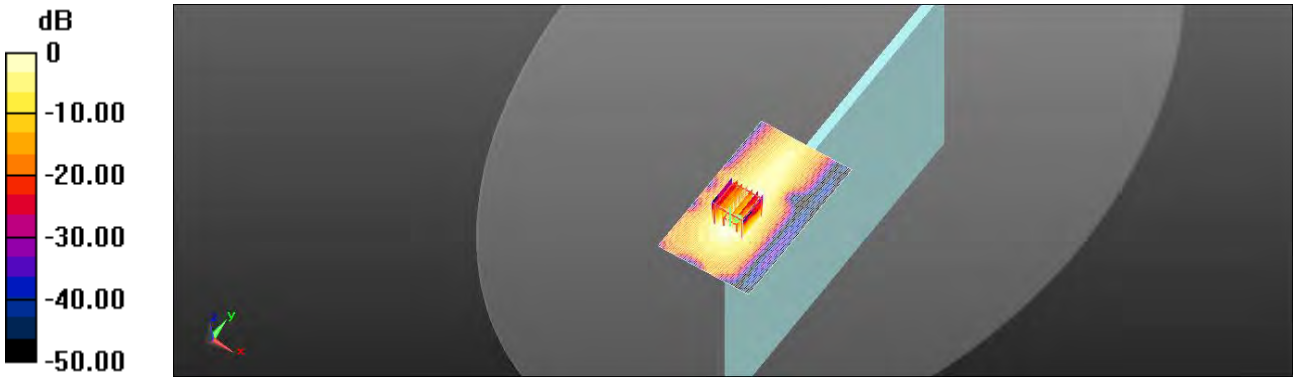
Communication System: WLAN 5G; Frequency: 5240 MHz; Duty cycle= 1:0.963
Medium parameters used: f = 5240 MHz; σ = 4.739 S/m; ε_r = 35.539; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5240 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.405 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.204 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 70%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11a 5.3G_Body_Right side_CH 60_8mm_Ant 1

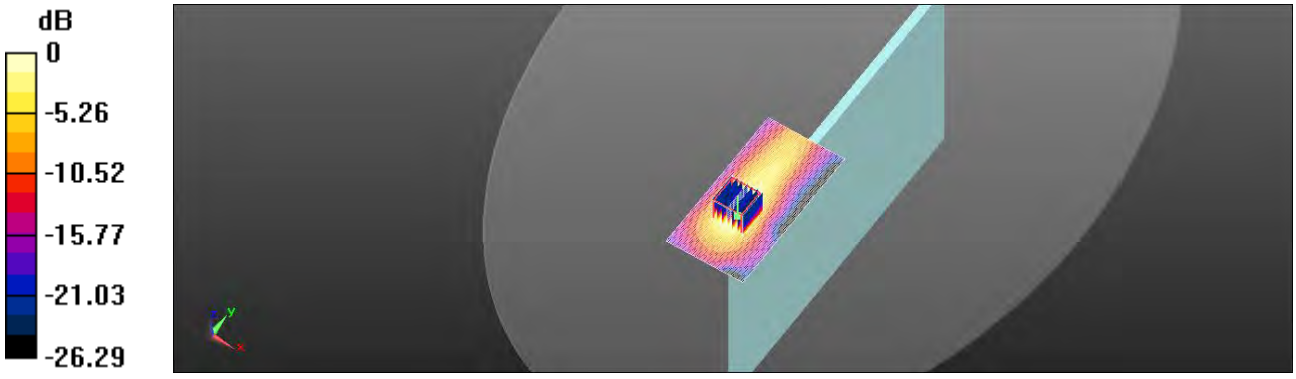
Communication System: WLAN 5G; Frequency: 5300 MHz; Duty cycle= 1:0.963
Medium parameters used: f = 5300 MHz; σ = 4.882 S/m; ε_r = 35.457; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5300 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.599 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.189 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 51.7%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11a 5.6G_Body_Right side_CH 120_8mm_Ant 1

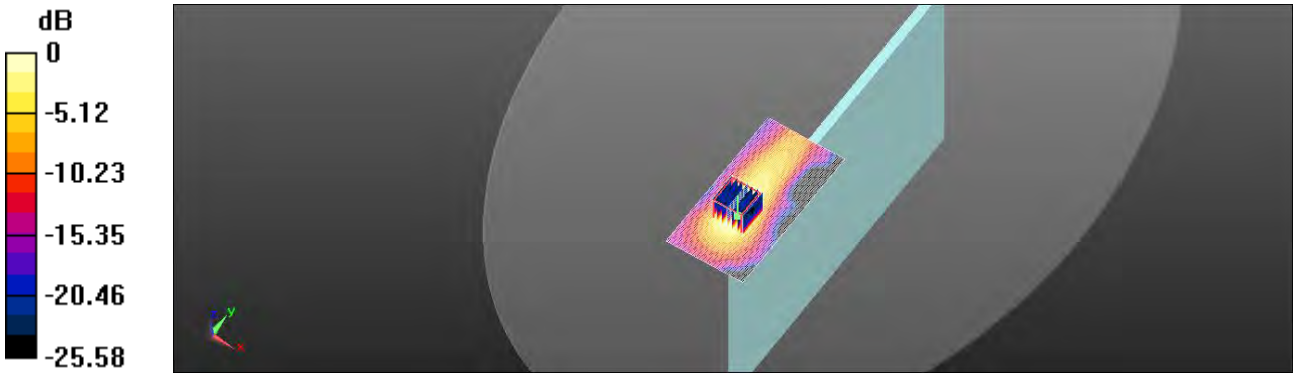
Communication System: WLAN 5G; Frequency: 5600 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5600 MHz; σ = 4.976 S/m; ε_r = 35.302; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5600 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.013 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.171 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.7%
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11a 5.8G_Body_Right side_CH 165_8mm_Ant 1

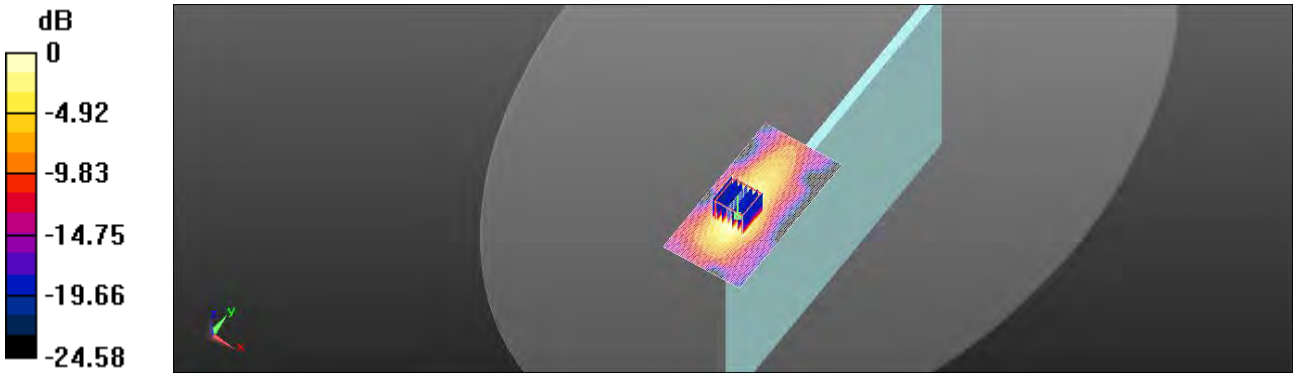
Communication System: WLAN 5G; Frequency: 5825 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5825 MHz; σ = 5.392 S/m; ε_r = 34.804; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5825 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.640 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.651 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.113 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 48.3%
Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Left side_CH 11_7mm_Ant 2

Communication System: Wi-Fi; Frequency: 2462 MHz; Duty cycle= 1:0.983

Medium parameters used: f = 2462 MHz; σ = 1.822 S/m; ε_r = 39.83; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2462; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.505 W/kg

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

Reference Value = 6.930 V/m; Power Drift = 0.12 dB

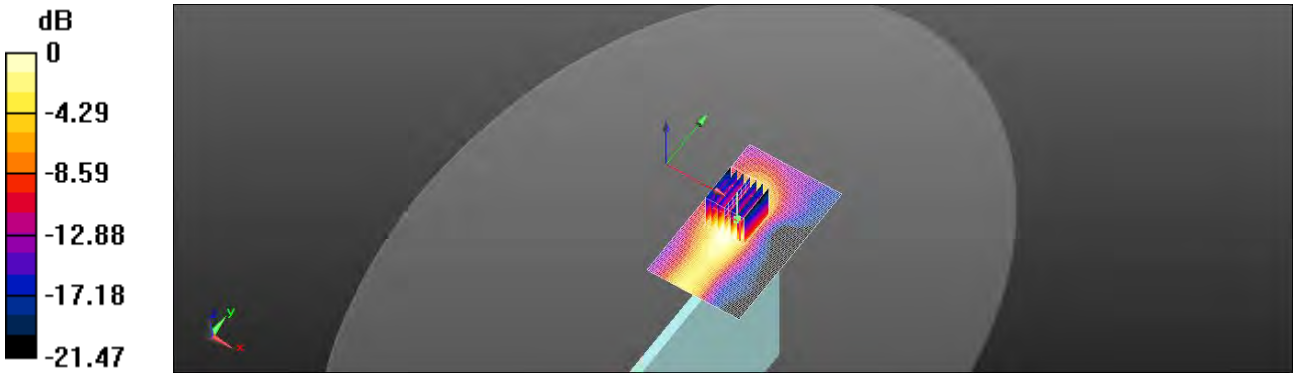
Peak SAR (extrapolated) = 0.687 W/kg

SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.168 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_10mm_Ant 2

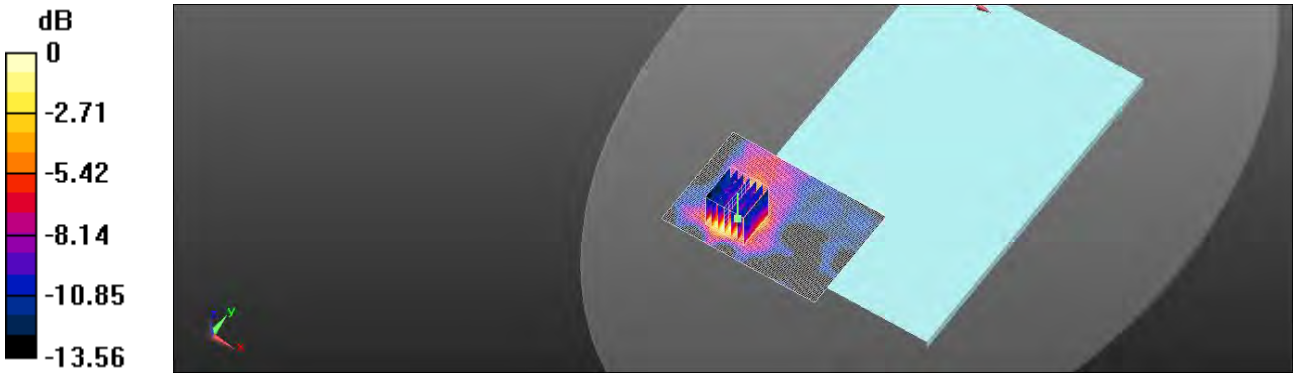
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0466 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.033 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.0461 W/kg



0 dB = 0.0461 W/kg = -13.36 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11a 5.2G_Body_Left side_CH 40_7mm_Ant 2

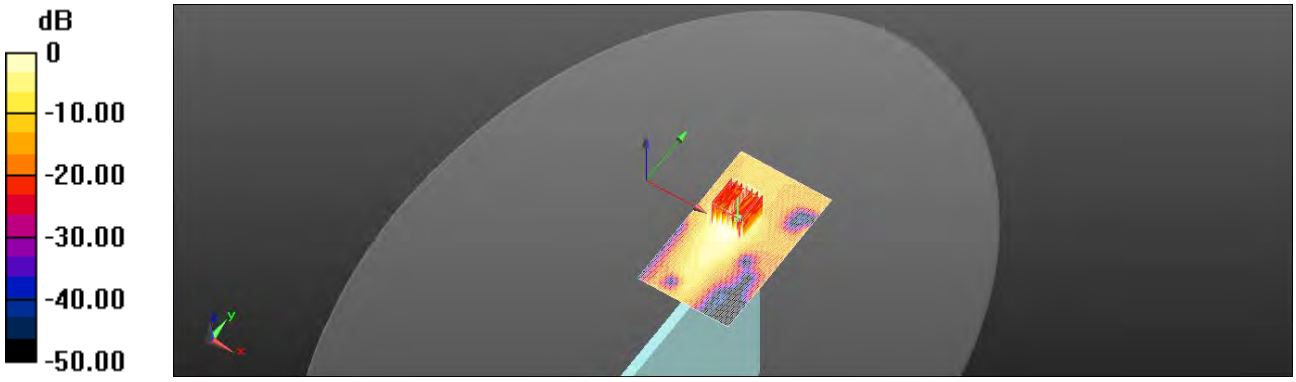
Communication System: WLAN 5G; Frequency: 5200 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5200 MHz; σ = 4.712 S/m; ε_r = 35.603; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5200 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.431 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.167 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.069 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11a 5.3G_Body_Left side_CH 64_7mm_Ant 2

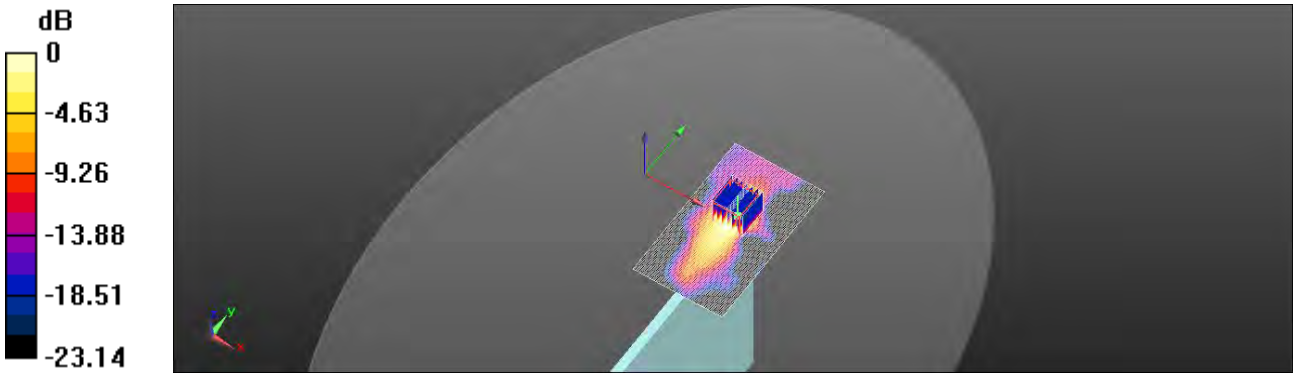
Communication System: WLAN 5G; Frequency: 5320 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5320 MHz; σ = 4.884 S/m; ε_r = 35.428; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5320 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.477 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.799 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.080 W/kg
Smallest distance from peaks to all points 3 dB below = 7.8 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg = -3.16 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11a 5.6G_Body_Left side_CH 120_7mm_Ant 2

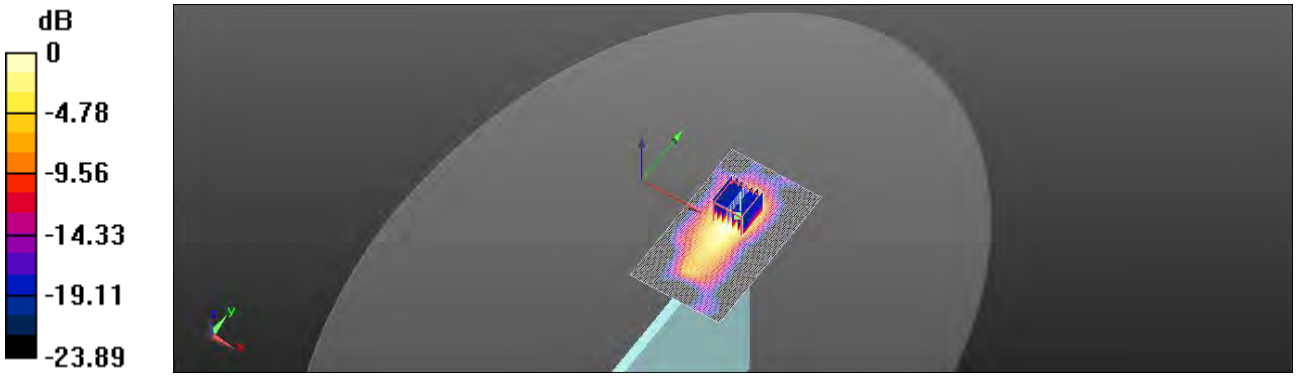
Communication System: WLAN 5G; Frequency: 5600 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5600 MHz; σ = 4.976 S/m; ε_r = 35.302; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5600 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.544 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.317 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 0.569 W/kg



0 dB = 0.569 W/kg = -2.45 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11a 5.8G_Body_Left side_CH 149_7mm_Ant 2

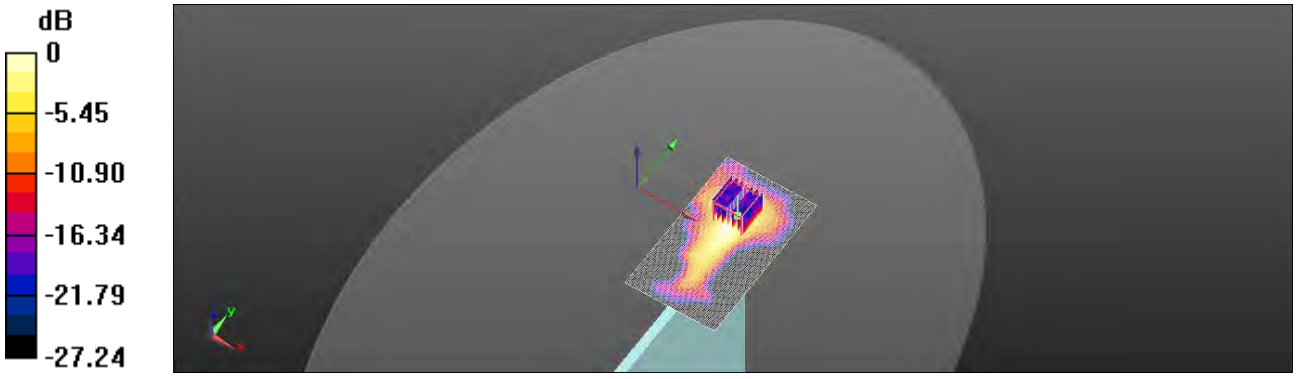
Communication System: WLAN 5G; Frequency: 5745 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5745 MHz; σ = 5.171 S/m; ε_r = 34.963; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5745 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.352 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 24.58 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.859 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.061 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Right side_CH 6_0mm_Ant 1

Communication System: WLAN 2.45G; Frequency: 2437 MHz; Duty cycle= 1:0.983

Medium parameters used: f = 2437 MHz; σ = 1.767 S/m; ε_r = 39.958; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2437 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

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

Reference Value = 2.833 V/m; Power Drift = 0.07 dB

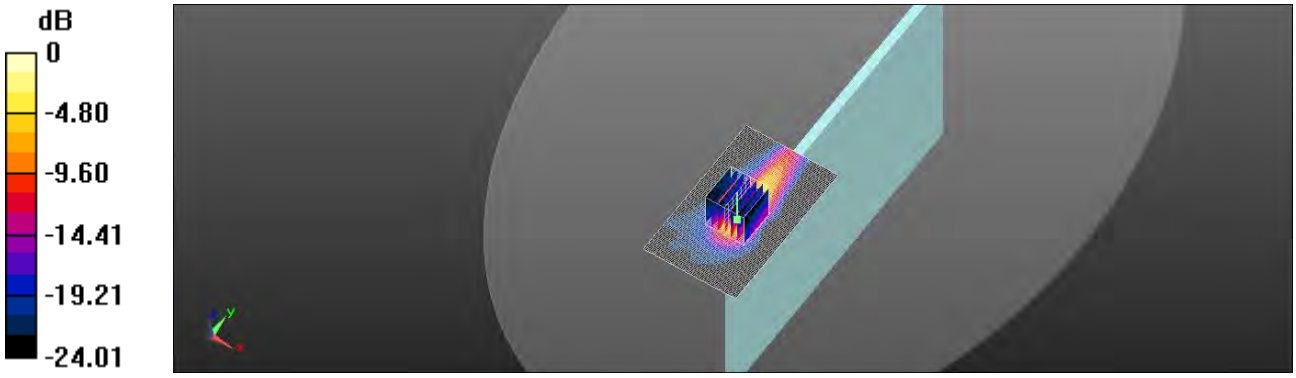
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.111 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 31.1%

Maximum value of SAR (measured) = 0.623 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_0mm_Ant 1

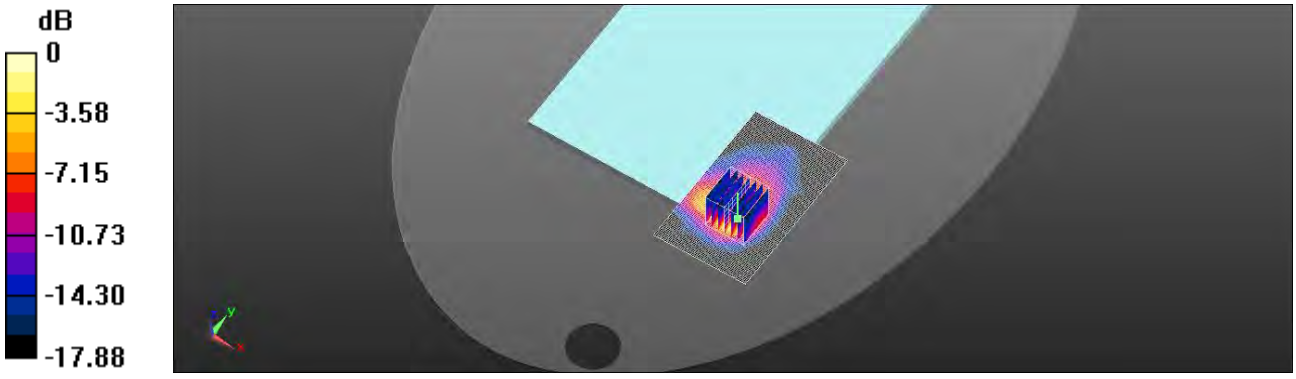
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.386 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.636 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 40.1%
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.2G_Body_Right side_CH 42_0mm_Ant 1

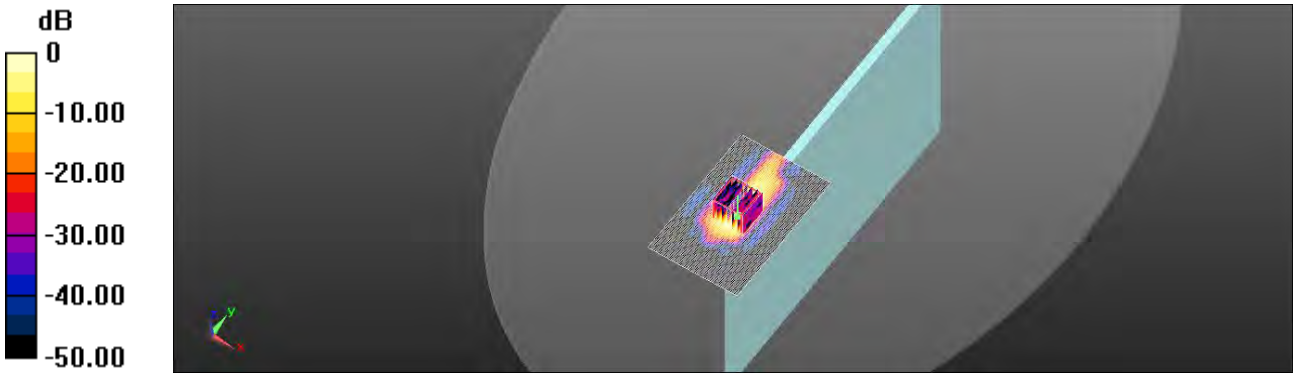
Communication System: WLAN 5G; Frequency: 5210 MHz; Duty cycle= 1:0.935
Medium parameters used: f = 5210 MHz; σ = 4.722 S/m; ε_r = 35.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x111x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.459 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 45.7%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.3G_Body_Right side_CH 58_0mm_Ant 1

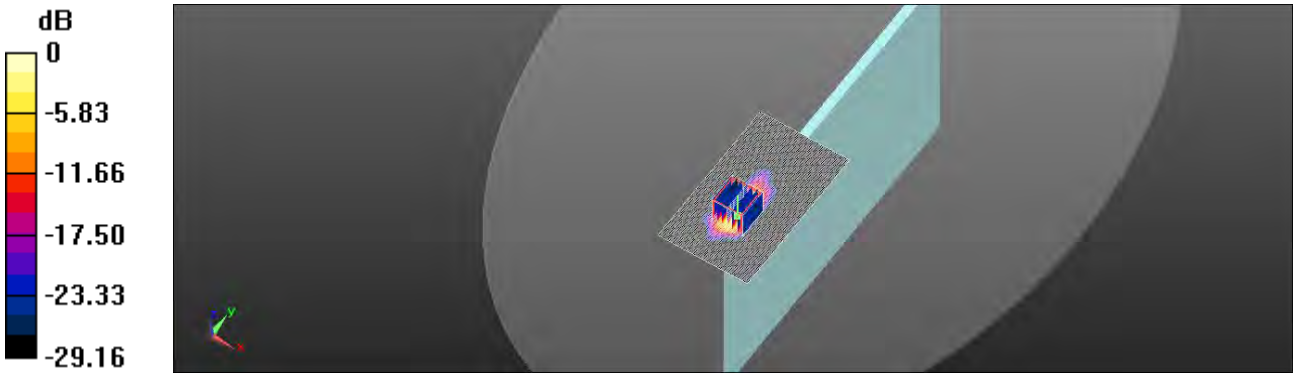
Communication System: WLAN 5G; Frequency: 5290 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5290 MHz; σ = 4.834 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.468 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.30 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.155 W/kg
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 43.2%
Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.6G_Body_Right side_CH 106_0mm_Ant 1

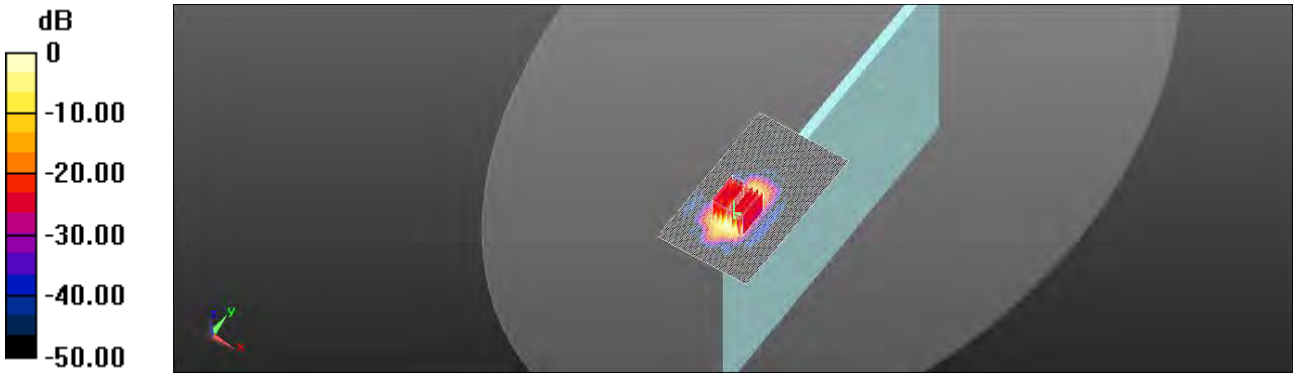
Communication System: WLAN 5G; Frequency: 5530 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5530 MHz; σ = 4.964 S/m; ε_r = 35.369; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5530 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.484 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 4.90 W/kg
SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.130 W/kg
Smallest distance from peaks to all points 3 dB below = 4.5 mm
Ratio of SAR at M2 to SAR at M1 = 39.3%
Maximum value of SAR (measured) = 1.63 W/kg



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

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.8G_Body_Right side_CH 155_0mm_Ant 1

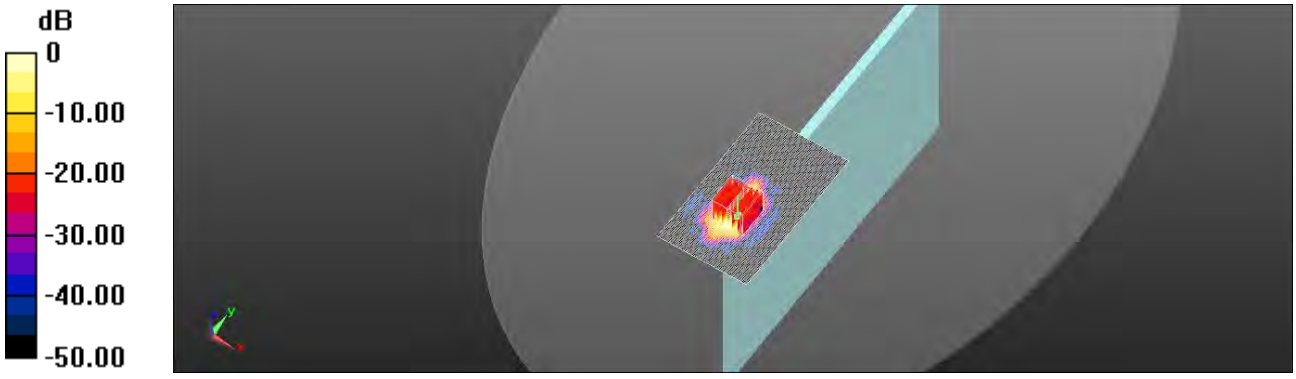
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5775 MHz; σ = 5.206 S/m; ε_r = 34.886; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.42 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 4.56 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.109 W/kg
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 41%
Maximum value of SAR (measured) = 1.37 W/kg



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

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Back side_CH 11_0mm_Ant 2

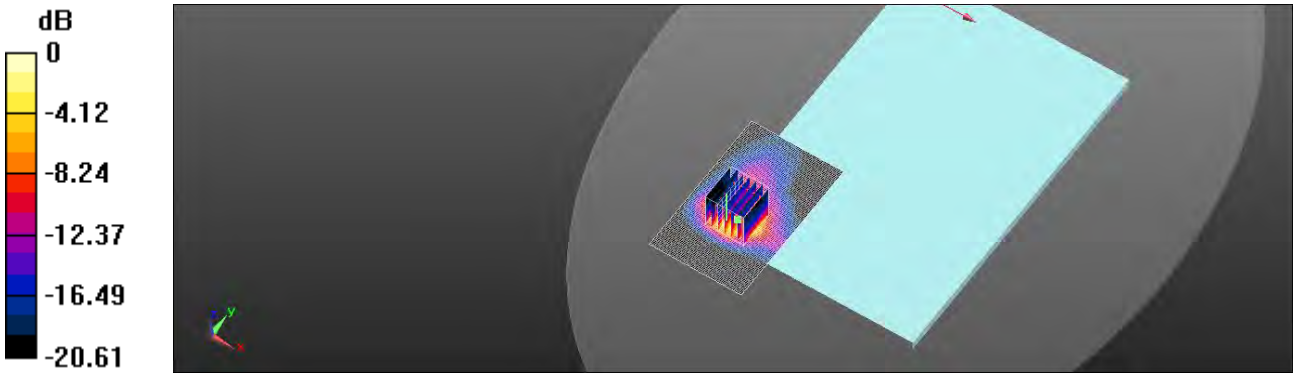
Communication System: WLAN 2.45G; Frequency: 2462 MHz; Duty cycle= 1: 0.983
Medium parameters used: f = 2462 MHz; σ = 1.822 S/m; ε_r = 39.83; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2462 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.478 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.062 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.124 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 31.1%
Maximum value of SAR (measured) = 0.489 W/kg



0 dB = 0.489 W/kg = -3.11 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_0mm_Ant 2

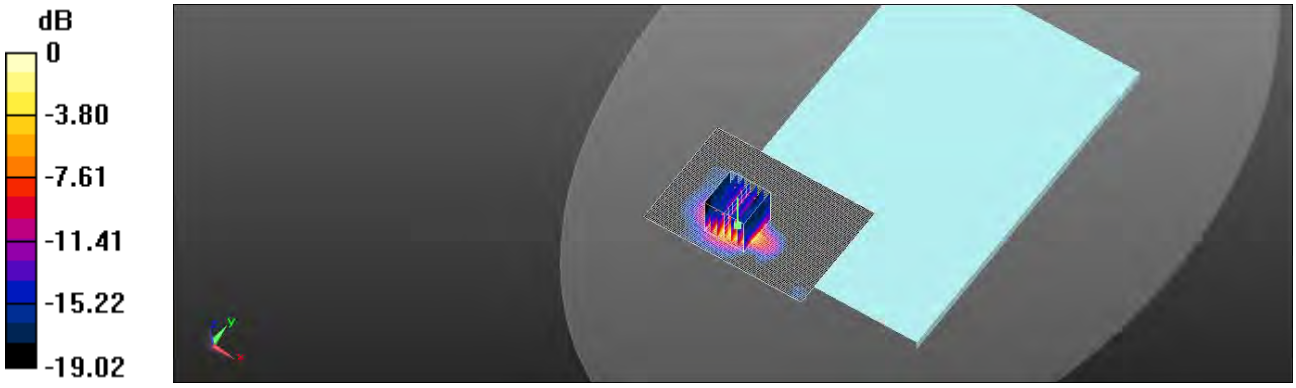
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1: 0.768
Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (101x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.537 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.822 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.131 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.3%
Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.2G_Body_Left side_CH 42_0mm_Ant 2

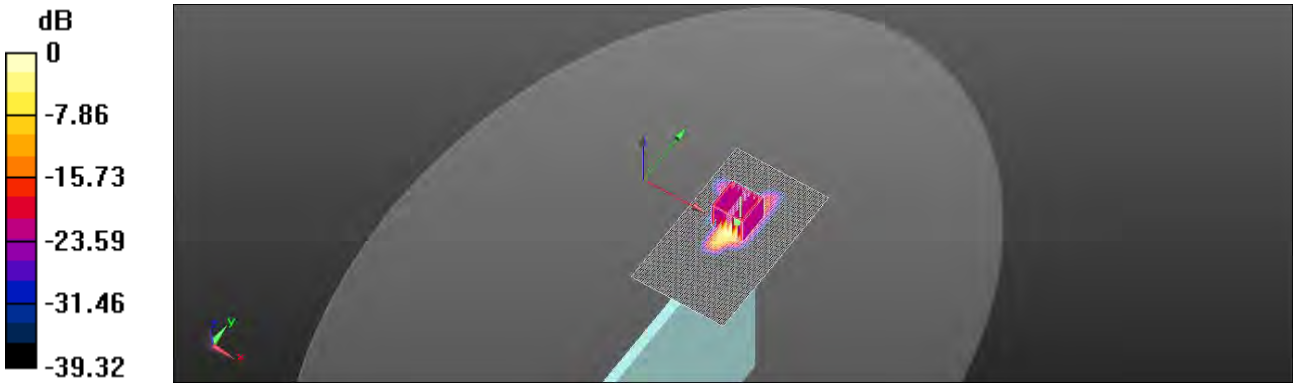
Communication System: WLAN 5G; Frequency: 5210 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5210 MHz; σ = 4.722 S/m; ε_r = 35.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.855 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 24.12 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.084 W/kg
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 42.3%
Maximum value of SAR (measured) = 0.996 W/kg



0 dB = 0.996 W/kg = -0.02 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.3G_Body_Left side_CH 58_0mm_Ant 2

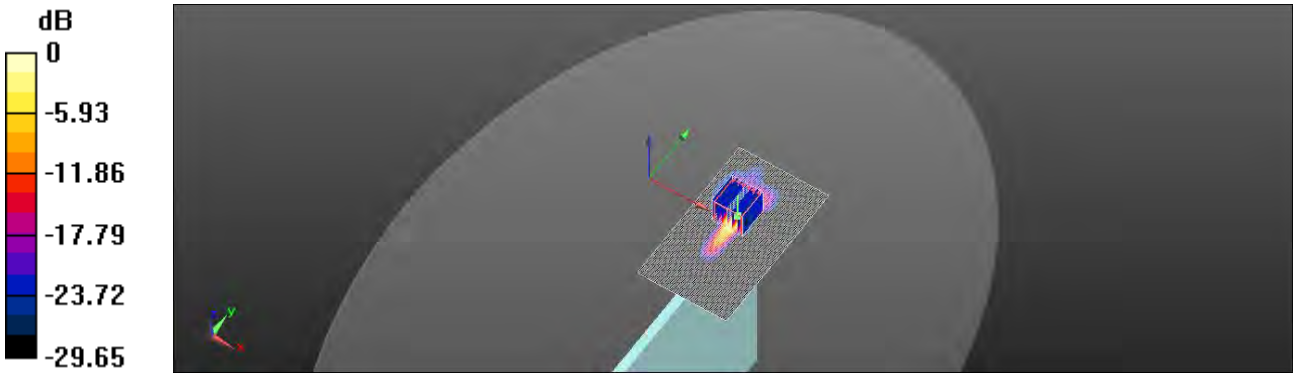
Communication System: WLAN 5G; Frequency: 5290 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5290 MHz; σ = 4.834 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.82 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.109 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.6G_Body_Back side_CH 122_0mm_Ant 2

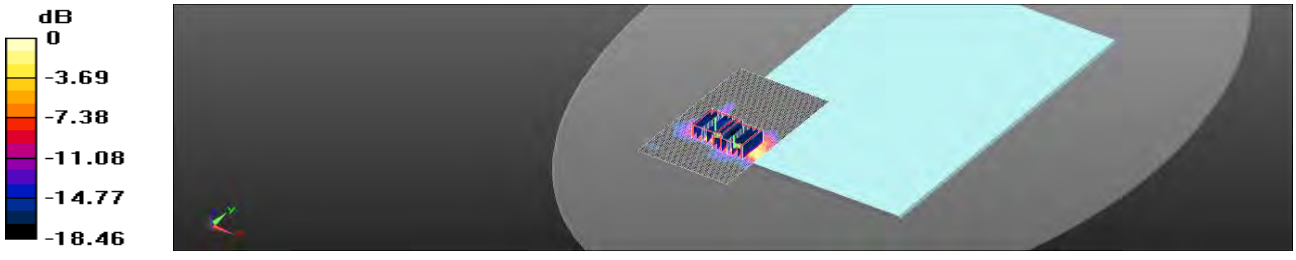
Communication System: WLAN 5G; Frequency: 5610 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5610 MHz; σ = 5.038 S/m; ε_r = 35.288; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃
DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5610 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.784 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.566 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 51.8%
Maximum value of SAR (measured) = 0.807 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.566 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.065 W/kg
Smallest distance from peaks to all points 3 dB below = 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 47%
Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.558 W/kg = -2.53 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.8G_Body_Back side_CH 155_0mm_Ant 2

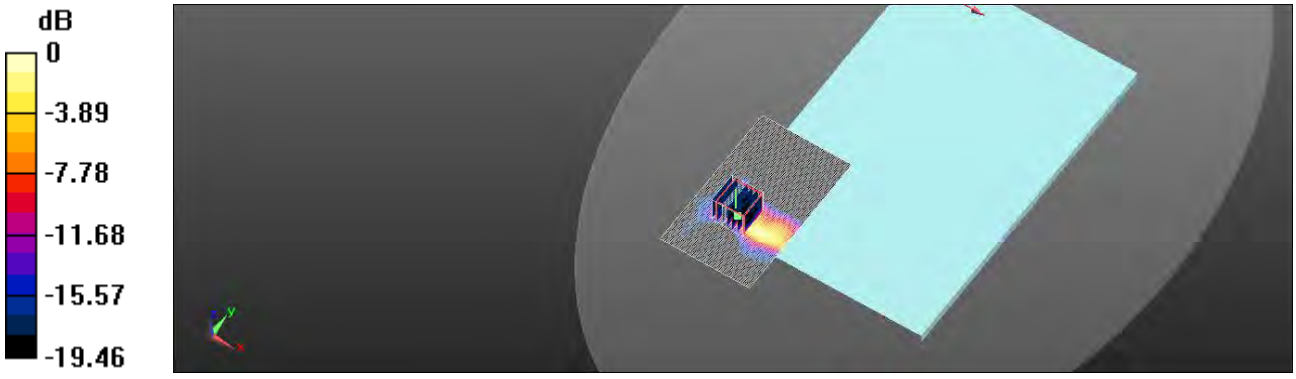
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5775 MHz; σ = 5.206 S/m; ε_r = 34.886; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.942 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.48 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.91 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.094 W/kg
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821 W/kg = -0.86 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Right side_CH 6_8mm_Ant 1

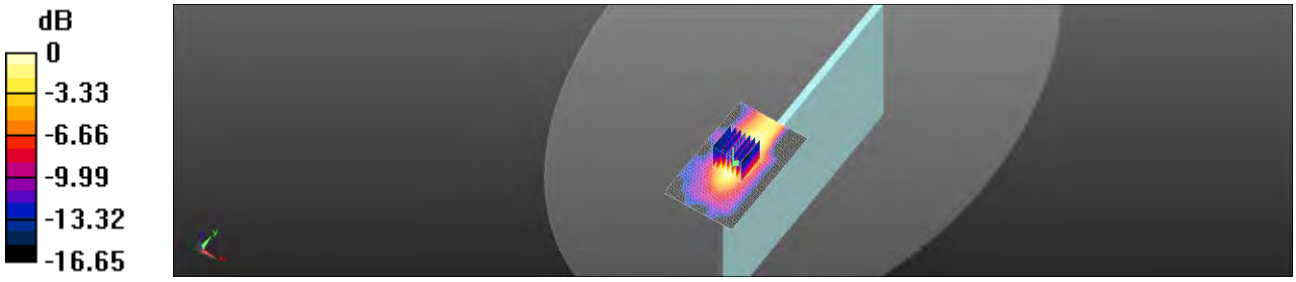
Communication System: WLAN 2.45G; Frequency: 2437 MHz; Duty cycle= 1:0.983
Medium parameters used: f = 2437 MHz; σ = 1.767 S/m; ε_r = 39.958; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2437 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.136 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.551 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Right side_CH 78_8mm_Ant 1

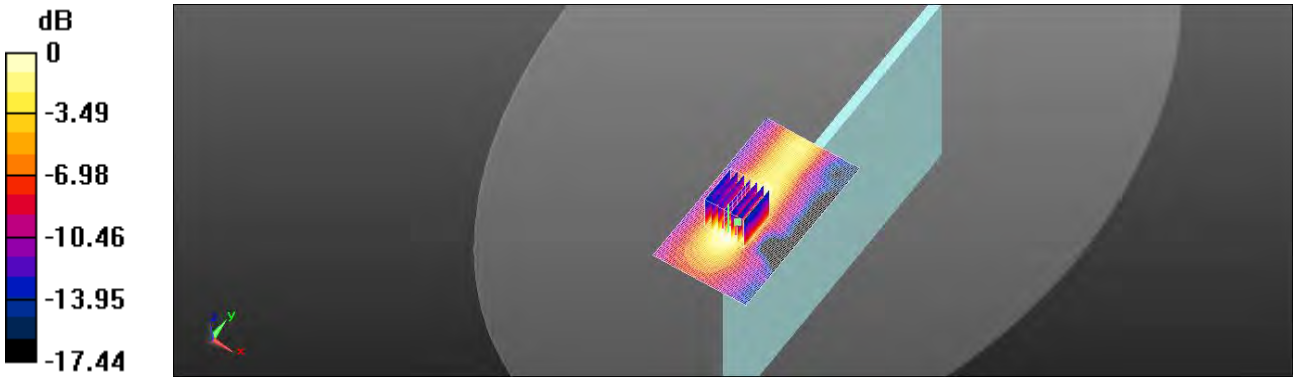
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0775 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.534 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.030 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 51.3%
Maximum value of SAR (measured) = 0.0804 W/kg



0 dB = 0.0804 W/kg = -10.95 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.2G_Body_Right side_CH 42_8mm_Ant 1

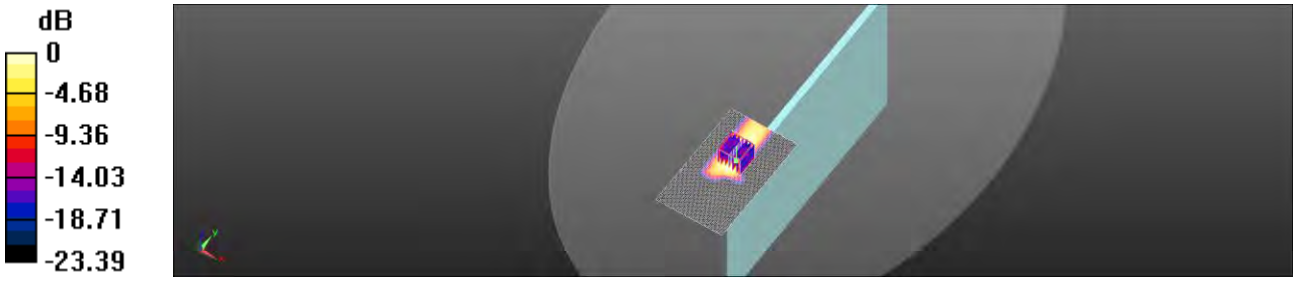
Communication System: WLAN 5G; Frequency: 5210 MHz; Duty cycle= 1:0.935
Medium parameters used: f = 5210 MHz; σ = 4.722 S/m; ε_r = 35.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.194 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.631 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.022 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.3G_Body_Right side_CH 58_8mm_Ant 1

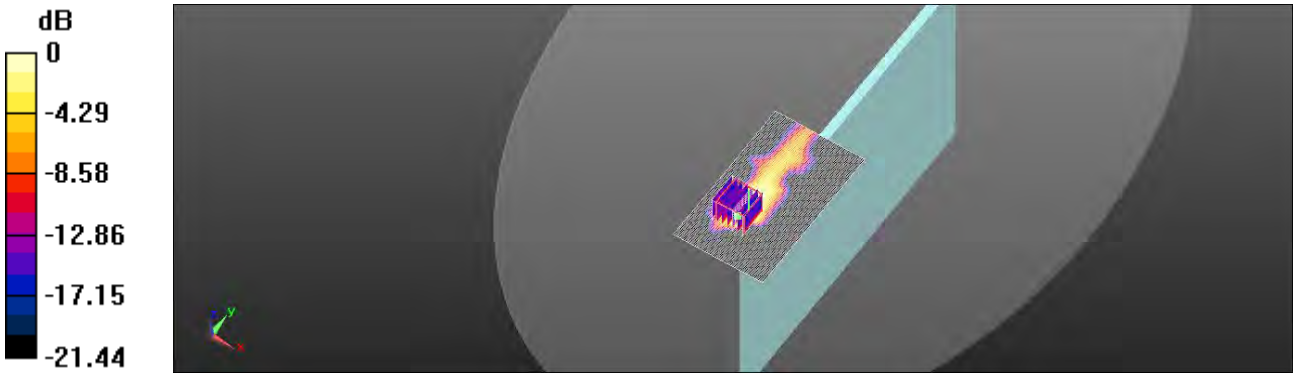
Communication System: WLAN 5G; Frequency: 5290 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5290 MHz; σ = 4.834 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.191 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.673 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.023 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 49.3%
Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.6G_Body_Right side_CH 138_8mm_Ant 1

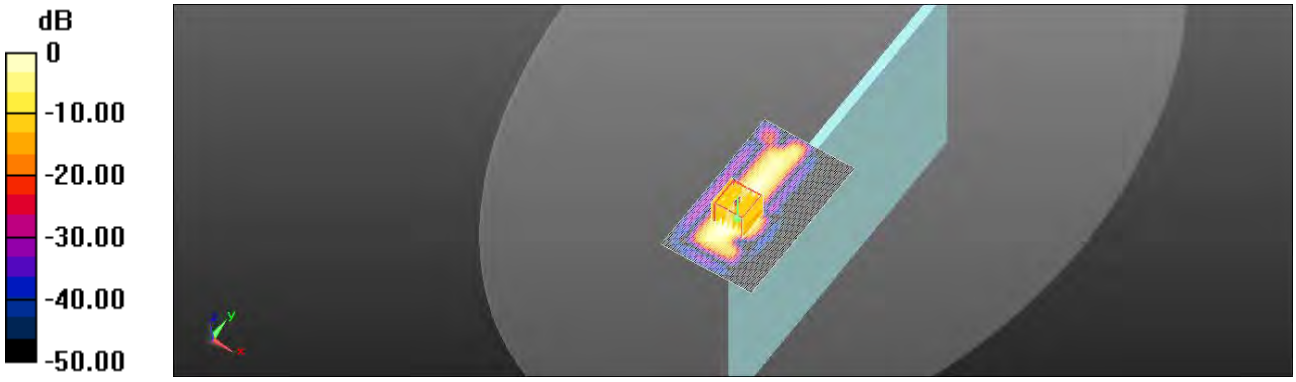
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5690 MHz; σ = 5.164 S/m; ε_r = 35.114; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5690 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.117 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.481 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.013 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 40.1%
Maximum value of SAR (measured) = 0.0872 W/kg



0 dB = 0.0872 W/kg = -10.59 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.8G_Body_Right side_CH 155_8mm_Ant 1

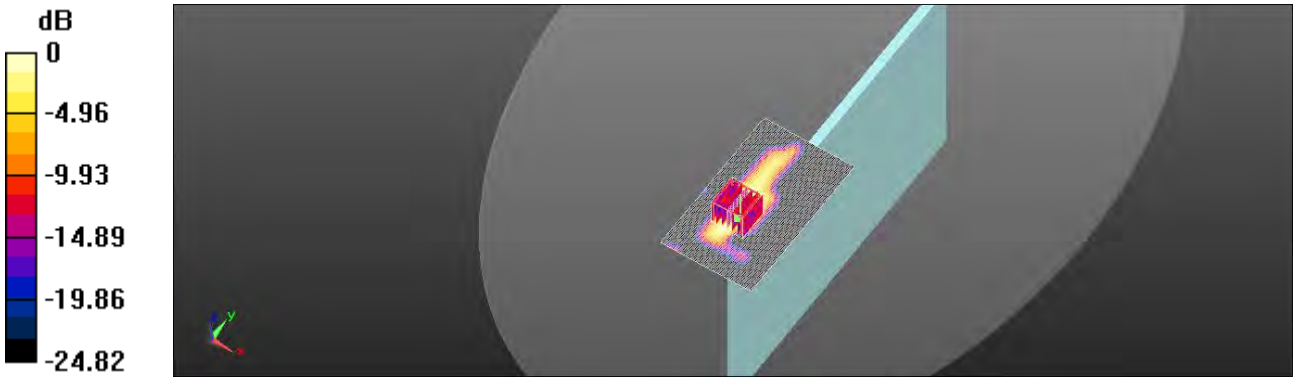
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5775 MHz; σ = 5.206 S/m; ε_r = 34.886; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.133 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.841 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 39.3%
Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Left side_CH 6_7mm_Ant 2

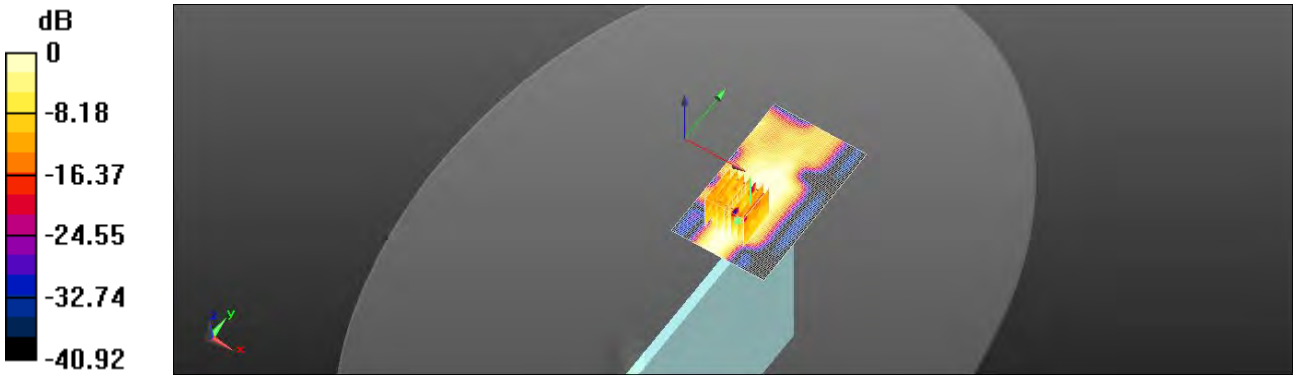
Communication System:WLAN 2.45G; Frequency: 2437 MHz; Duty cycle= 1:0.983
Medium parameters used: f = 2437 MHz; σ = 1.767 S/m; ε_r = 39.958; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - 7466; ConvF(7.85, 7.85, 7.85) @ 2437 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 4.7.80(0); SEMCAD X 14.6.14(7483)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0709 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.952 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.0623 W/kg



0 dB = 0.0623 W/kg = -12.06 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_10mm_Ant 2

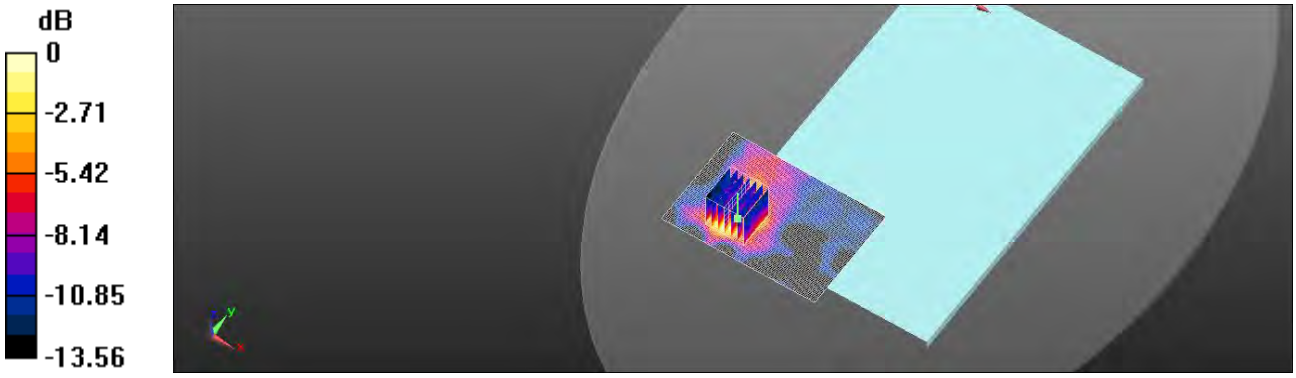
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.838 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0466 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.033 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0610 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 0.0461 W/kg



0 dB = 0.0461 W/kg = -13.36 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.2G_Body_Left side_CH 42_7mm_Ant 2

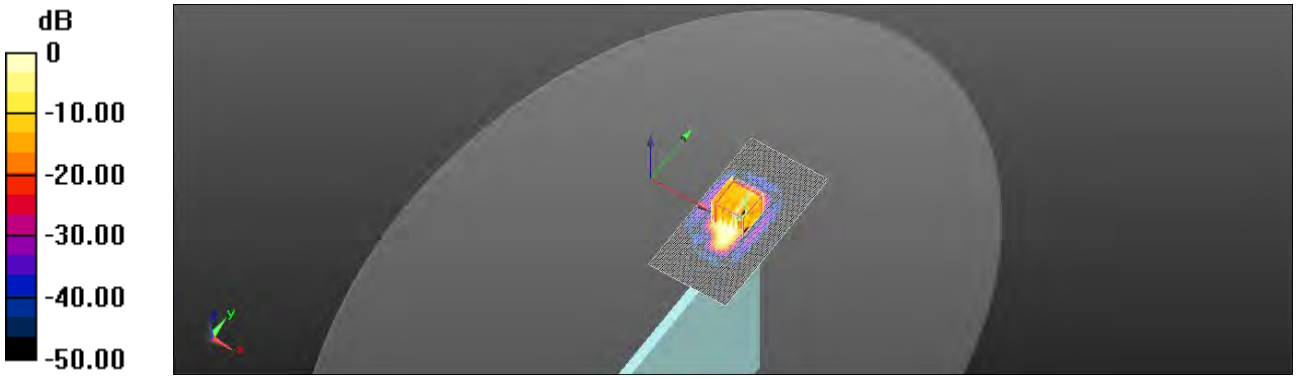
Communication System: WLAN 5G; Frequency: 5210 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5210 MHz; σ = 4.722 S/m; ε_r = 35.586; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.112 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.161 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.00843 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 0.0694 W/kg



0 dB = 0.0694 W/kg = -11.59 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.3G_Body_Left side_CH 58_7mm_Ant 2

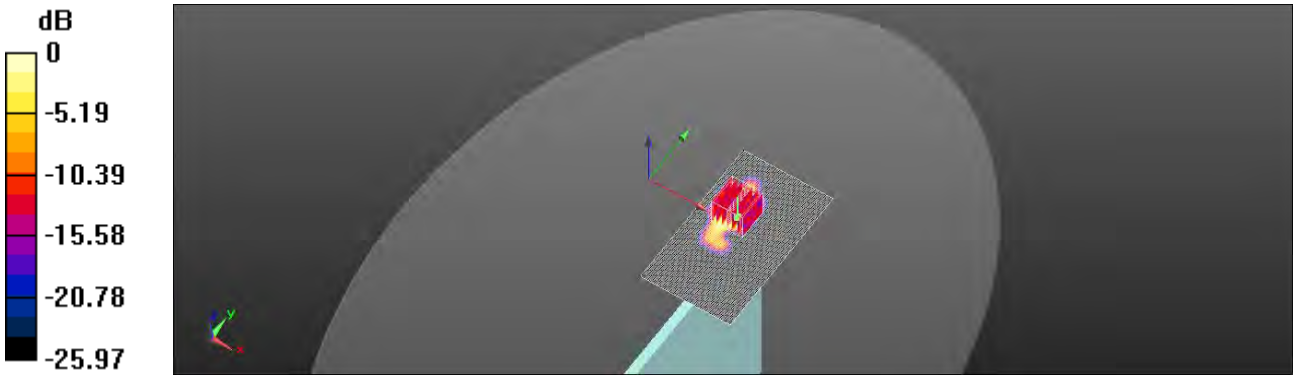
Communication System: WLAN 5G; Frequency: 5290 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5290 MHz; σ = 4.834 S/m; ε_r = 35.458; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0669 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.716 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.00895 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.9%
Maximum value of SAR (measured) = 0.0818 W/kg



0 dB = 0.0818 W/kg = -10.87 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.6G_Top side_CH 106_14mm_Ant 2

Communication System: Wi-Fi; Frequency: 5530 MHz; Duty cycle= 1:0.963

Medium parameters used: f = 5530 MHz; σ = 4.969 S/m; ε_r = 35.592; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5530 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (61x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.369 V/m; Power Drift = -0.06 dB

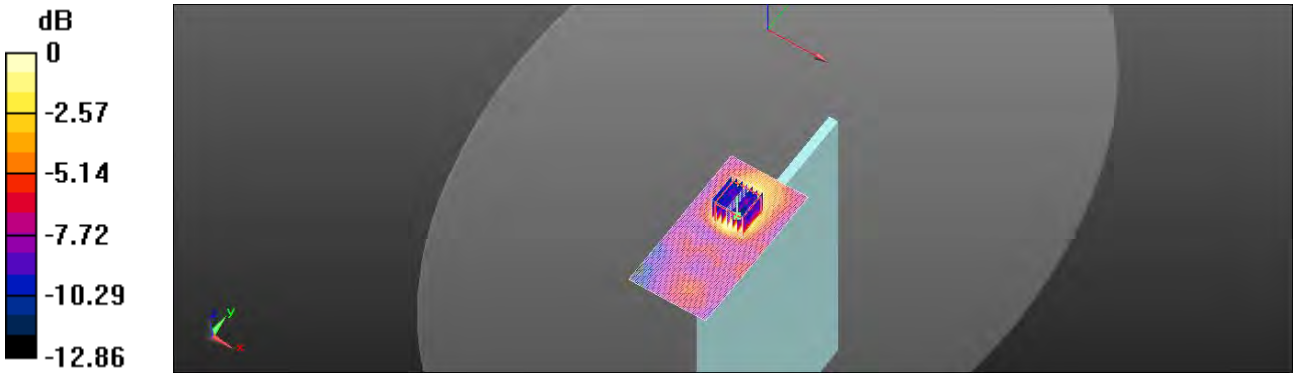
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11ac(80M) 5.8G_Body_Left side_CH 155_7mm_Ant 2

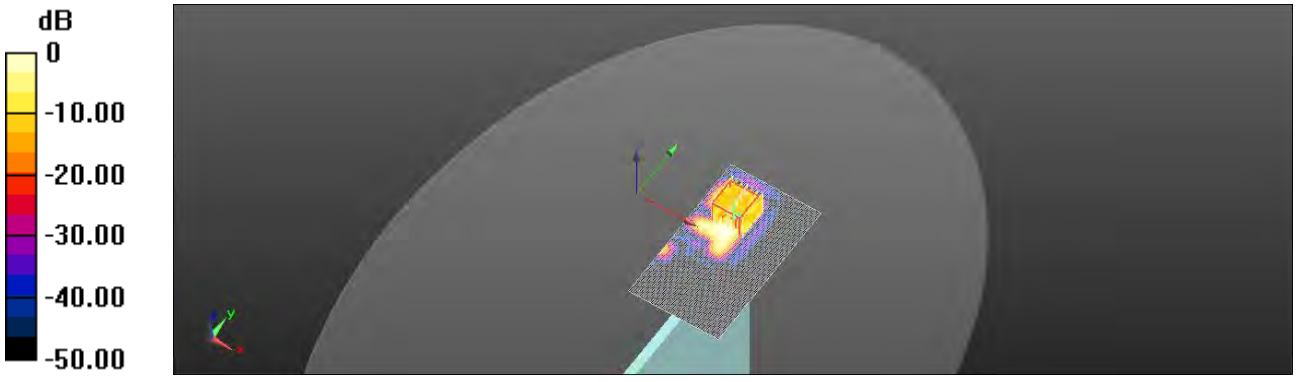
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1: 0.935
Medium parameters used: f = 5775 MHz; σ = 5.206 S/m; ε_r = 34.886; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0675 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.583 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00604 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 30.5%
Maximum value of SAR (measured) = 0.0476 W/kg



0 dB = 0.0476 W/kg = -13.22 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Back side_CH 6_0mm_Ant 1

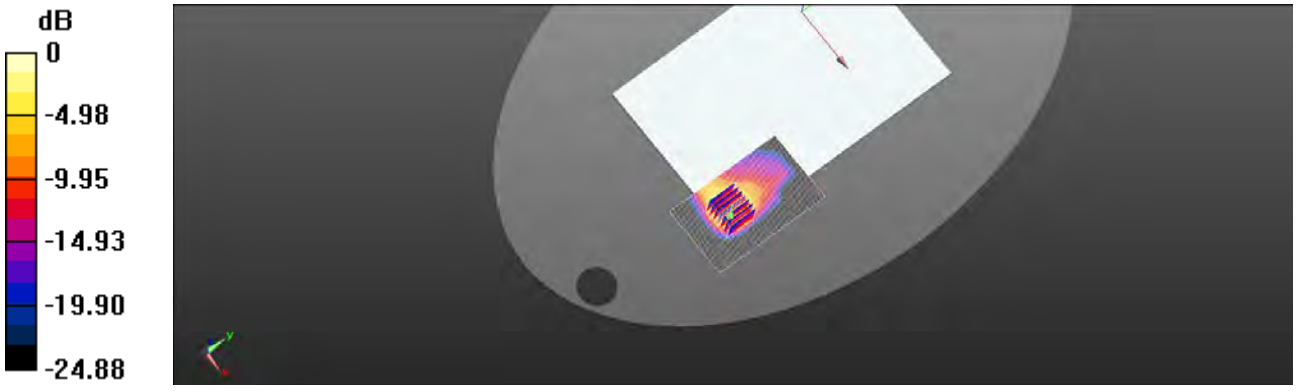
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty cycle= 1:0.983
Medium parameters used: f = 2437 MHz; σ = 1.727 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2437 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Wifi/Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.458 W/kg

Wifi/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.260 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.096 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 38.4%
Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg = -4.10 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_0mm_Ant 1

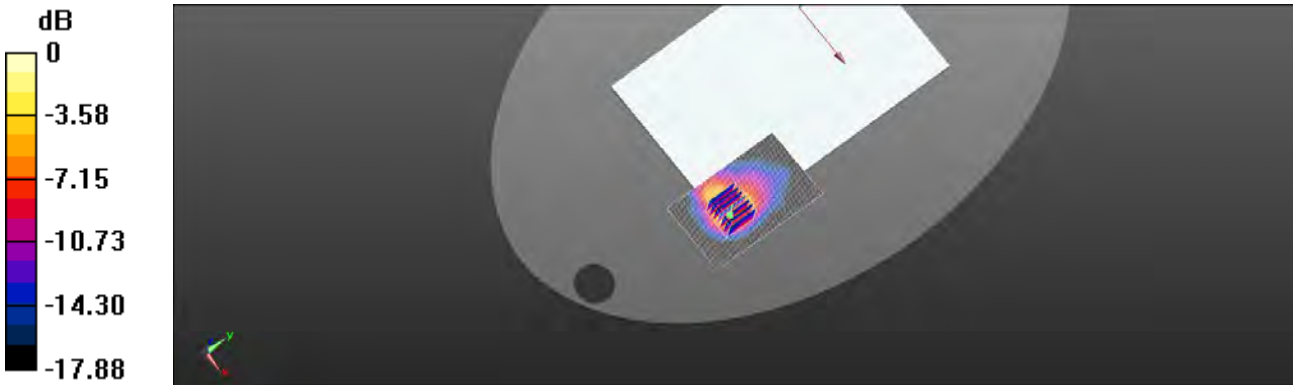
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.938 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/2/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/9/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.386 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6300 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 40.1%
Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11a 5.2G_Body_Right side_CH 36_0mm_Ant 1

Communication System: WLAN 5G; Frequency: 5180 MHz; Duty cycle= 1:0.963

Medium parameters used: f = 5180 MHz; σ = 4.762 S/m; ε_r = 35.661; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.331 V/m; Power Drift = 0.04 dB

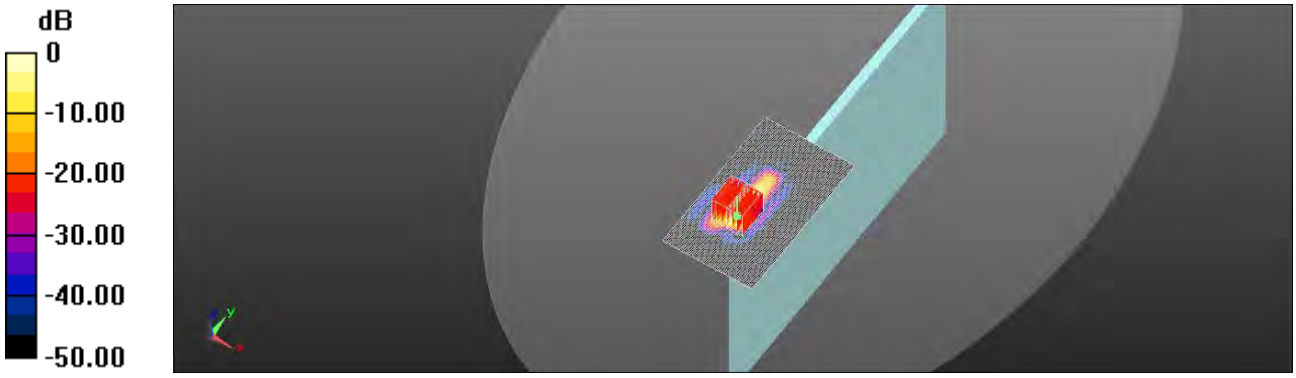
Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 0.458 W/kg; SAR(10 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below = 3.6 mm

Ratio of SAR at M2 to SAR at M1 = 41.1%

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11a 5.3G_Body_Right side_CH 52_0mm_Ant 1

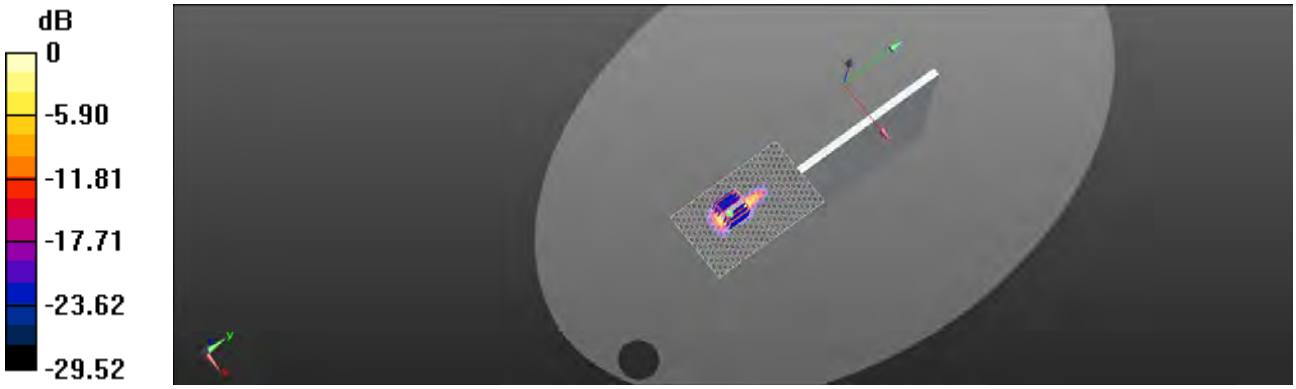
Communication System: WLAN 5G; Frequency: 5260 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5260 MHz; σ = 4.685 S/m; ε_r = 35.215; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.212 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.82 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.108 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 41.4%.
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11a 5.6G_Body_Right side_CH 140_0mm_Ant 1

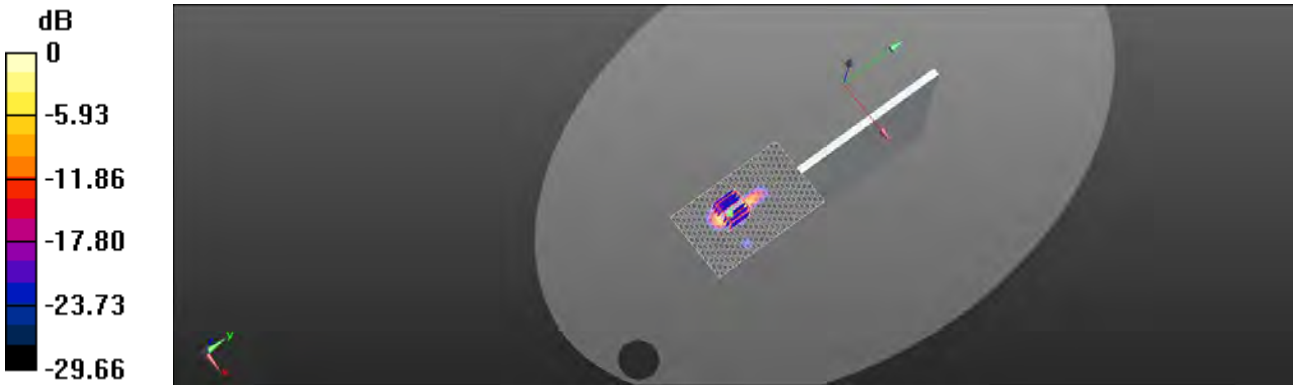
Communication System: WLAN 5G; Frequency: 5700 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5700 MHz; σ = 5.167 S/m; ε_r = 34.794; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.50°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5690 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 12.47 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.090 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 42.8%.
Maximum value of SAR (measured) = 1.02 W/kgmm



0 dB = 1.02 W/kg = 0.09 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11a 5.8G_Body_Right side_CH 149_0mm_Ant 1

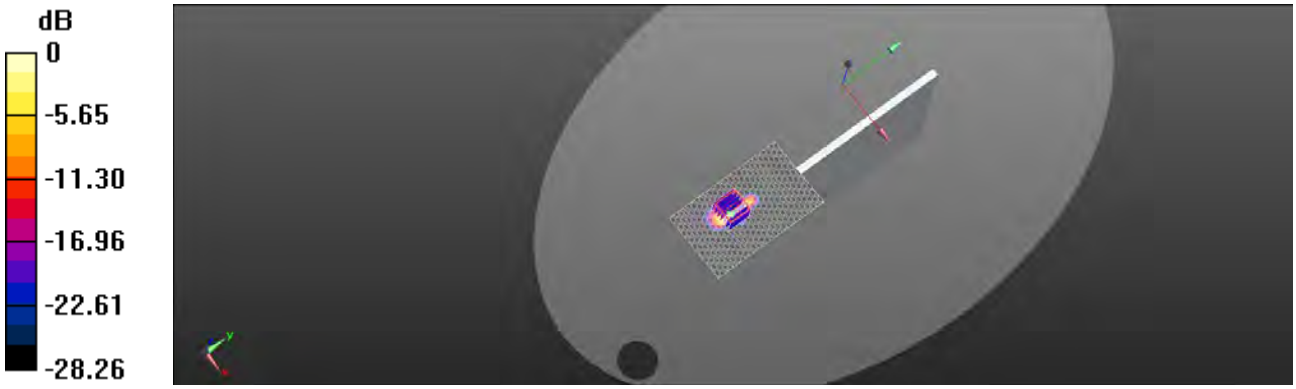
Communication System: WLAN 5G; Frequency: 5745 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5745 MHz; σ = 5.304 S/m; ε_r = 34.463; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.766 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.235 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.057 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 37.4%
Maximum value of SAR (measured) = 0.655 W/kg



0 dB = 0.655 W/kg = -1.84 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

WLAN 802.11b_Body_Back side_CH 6_0mm_Ant 2

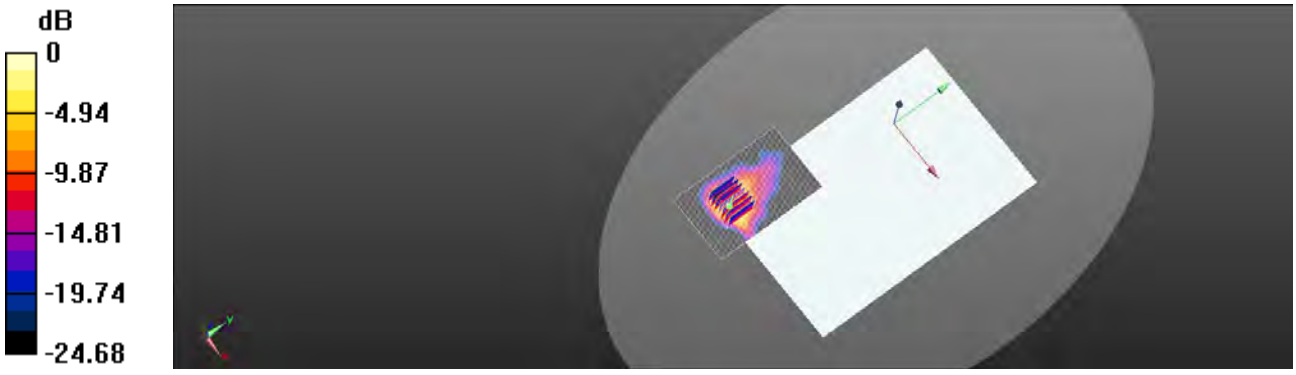
Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty cycle= 1:0.983
Medium parameters used: f = 2437 MHz; σ = 1.727 S/m; ε_r = 39.258; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - 7466; ConvF(7.85, 7.85, 7.85) @ 2437 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 4.7.80(0); SEMCAD X 14.6.14(7483)

Wifi/Area Scan (61x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.454 W/kg

Wifi/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.870 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.091 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 42.2%
Maximum value of SAR (measured) = 0.389 W/kg



0 dB = 0.389 W/kg = -4.10 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Bluetooth(GFSK)_Body_Back side_CH 78_0mm_Ant 2

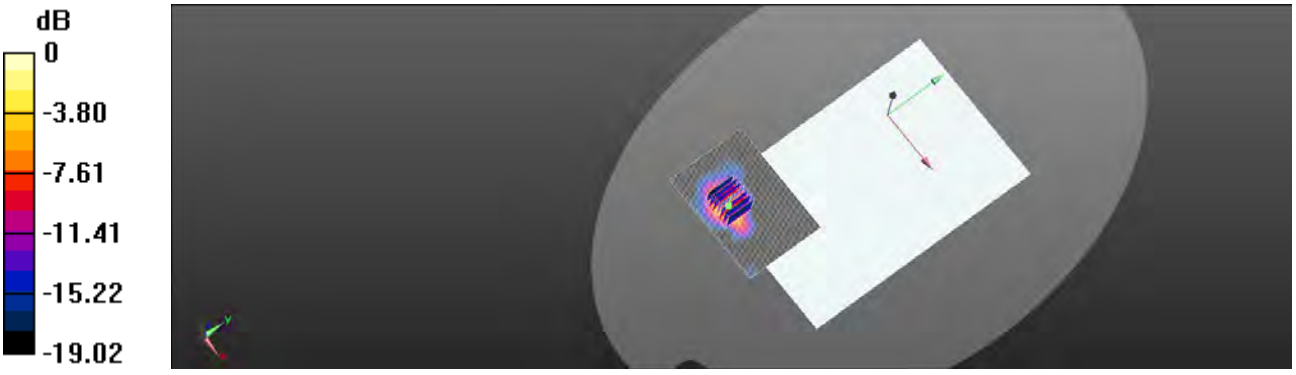
Communication System: Bluetooth; Frequency: 2480 MHz; Duty cycle= 1:0.768
Medium parameters used: f = 2480 MHz; σ = 1.938 S/m; ε_r = 39.756; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2480 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/9/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.13(7474)

Area Scan (101x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.537 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.220 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.839 W/kg
SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.131 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.3%
Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

WLAN 802.11a5.2G_Body_Left side_CH 44_0mm_Ant 2

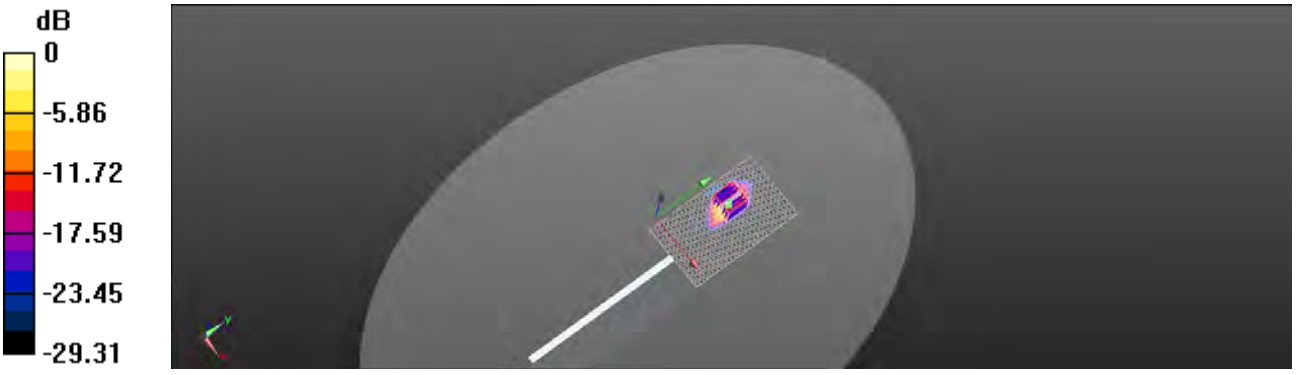
Communication System: WLAN 5G; Frequency: 5220 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5220 MHz; σ = 4.83 S/m; ε_r = 35.435; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.6, 5.6, 5.6) @ 5210 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.305 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.650 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.053 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 44.3%
Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

WLAN 802.11a 5.3G_Body_Back side_CH 56_0mm_Ant 2

Communication System: WLAN 5G; Frequency: 5280 MHz; Duty cycle= 1:0.963

Medium parameters used: f = 5280 MHz; σ = 4.784 S/m; ε_r = 35.169; ρ = 1000 kg/m^3

Phantom section: Flat Section

Ambient temperature: 21.6°C; Liquid temperature: 21.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.45, 5.45, 5.45) @ 5290 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.596 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.754 V/m; Power Drift = 0.03 dB

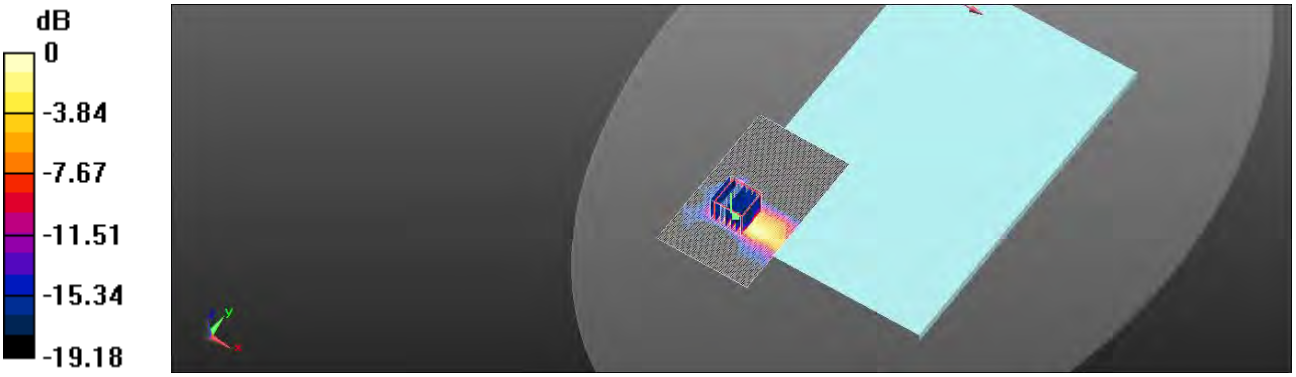
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

WLAN 802.11a 5.6G_Body_Left side_CH 100_0mm_Ant 2

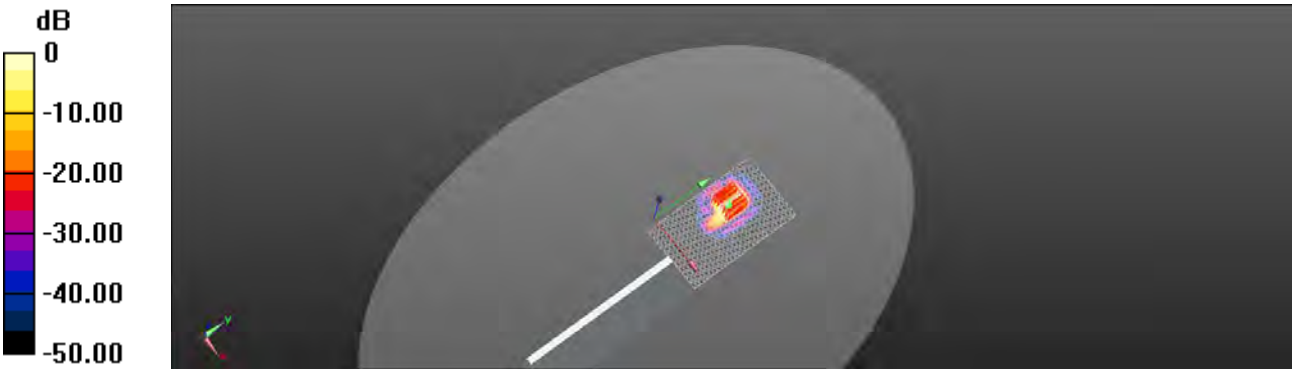
Communication System: WLAN 5G; Frequency: 5500 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5500 MHz; σ = 4.969 S/m; ε_r = 35.592; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.98, 4.98, 4.98) @ 5530 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.326 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.350 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.23 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.059 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 39.1%
Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.765 W/kg = -1.16 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

WLAN 802.11a 5.8G_Body_Back side_CH 149_0mm_Ant 2

Communication System: WLAN 5G; Frequency: 5745 MHz; Duty cycle= 1: 0.963
Medium parameters used: f = 5745 MHz; σ = 5.304 S/m; ε_r = 34.463; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2 ℃

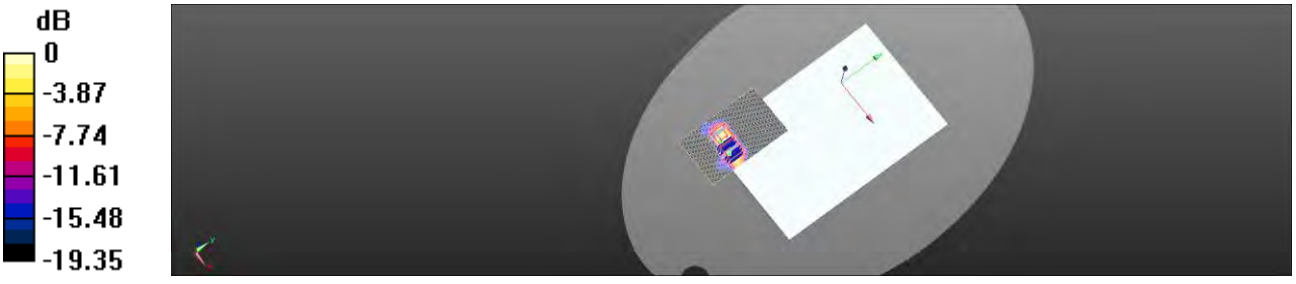
DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.04, 5.04, 5.04) @ 5775 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Area Scan (71x121x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.579 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.210 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.063 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 44.2%
Maximum value of SAR (measured) = 0.565 W/kg

Zoom Scan (7x7x12)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.210 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.052 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 39.7%
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

6.SAR System Performance Verification

Date: 2020/6/23

Report No. :ES/2020/60008

Dipole 750 MHz_SN:1015

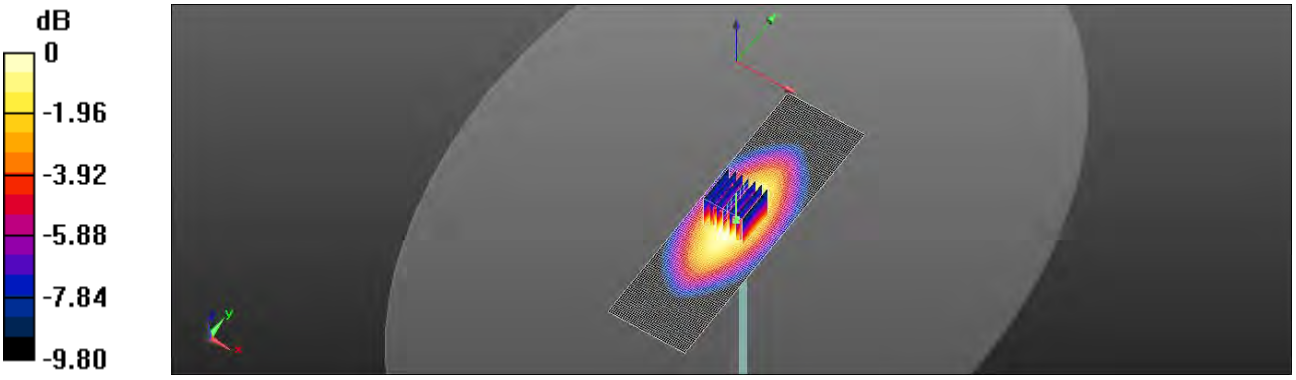
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.894 S/m; ε_r = 42.132; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 750 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.66 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.94 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.47 W/kg
Smallest distance from peaks to all points 3 dB below = 18 mm
Ratio of SAR at M2 to SAR at M1 = 68.1%
Maximum value of SAR (measured) = 2.71 W/kg



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

Date: 2020/6/24

Report No. :ES/2020/60008

Dipole 835 MHz_SN:4d063

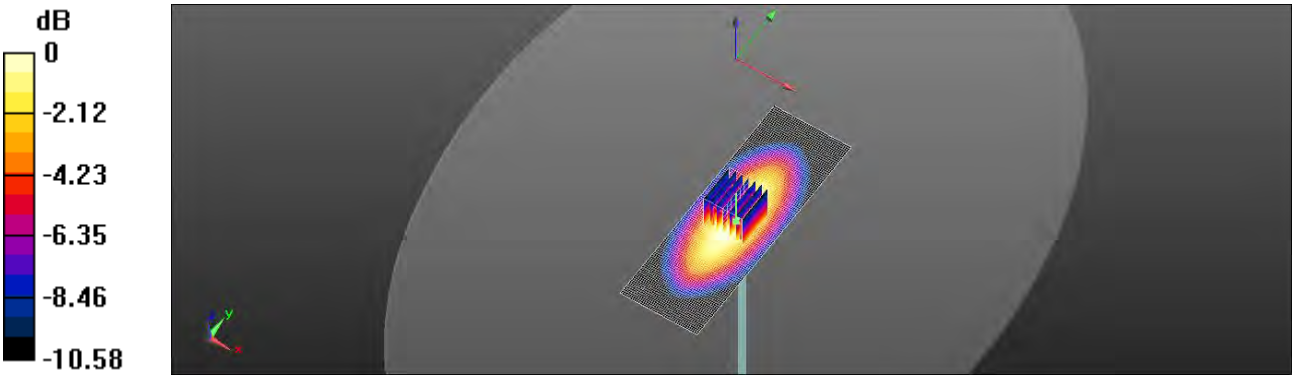
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.886 S/m; ε_r = 42.913; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.93 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.54 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.5 W/kg
Smallest distance from peaks to all points 3 dB below = 20 mm
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 2.99 W/kg



0 dB = 2.99 W/kg = 4.76 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

Dipole 835 MHz_SN:4d063

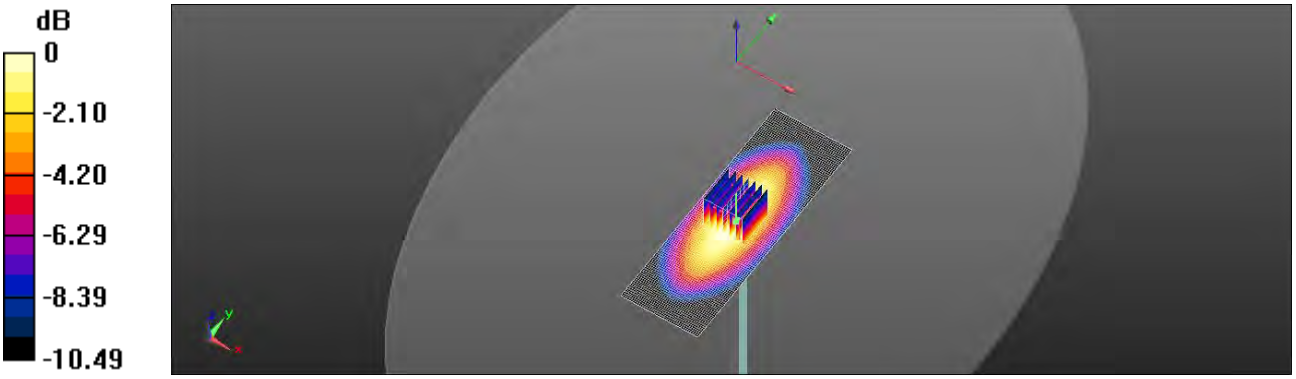
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.893 S/m; ε_r = 43.036; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.06 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 59.32 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.63 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.61 W/kg
Smallest distance from peaks to all points 3 dB below = 20 mm
Ratio of SAR at M2 to SAR at M1 = 67.3%
Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

Date: 2020/6/26

Report No. :ES/2020/60008

Dipole 1750 MHz_SN:1008

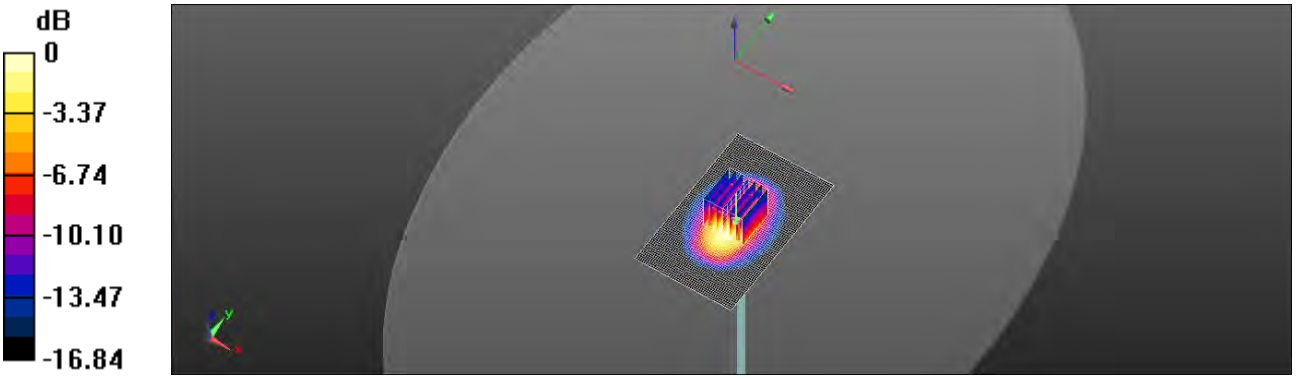
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.332 S/m; ε_r = 39.786; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1750 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x81x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.24 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 8.69 W/kg; SAR(10 g) = 4.49 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 55.3%
Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg = 11.04 dBW/kg

Date: 2020/6/27

Report No. :ES/2020/60008

Dipole 1900 MHz_SN:5d173

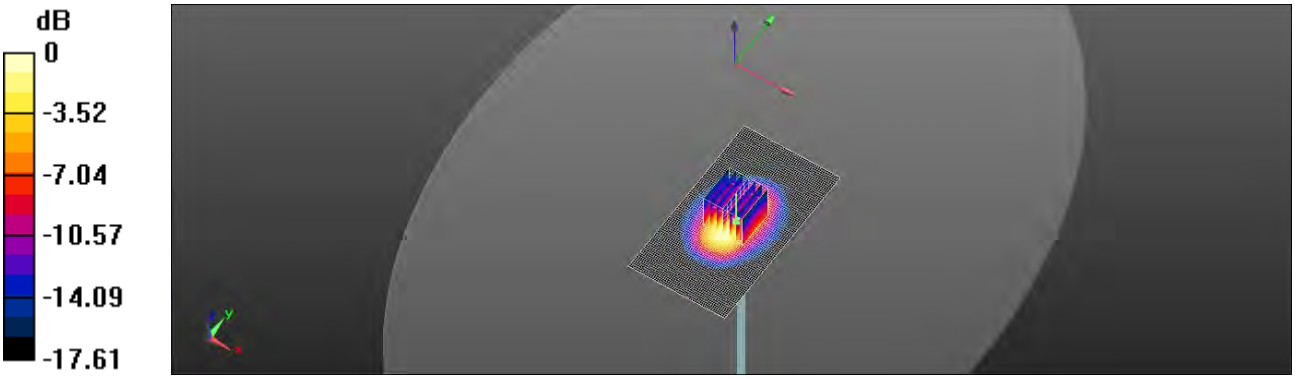
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.433 S/m; ε_r = 39.298; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1900 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x91x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.79 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 9.61 W/kg; SAR(10 g) = 4.86 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg

Date: 2020/6/18

Report No. :ES/2020/60008

Dipole 2450 MHz_SN:727

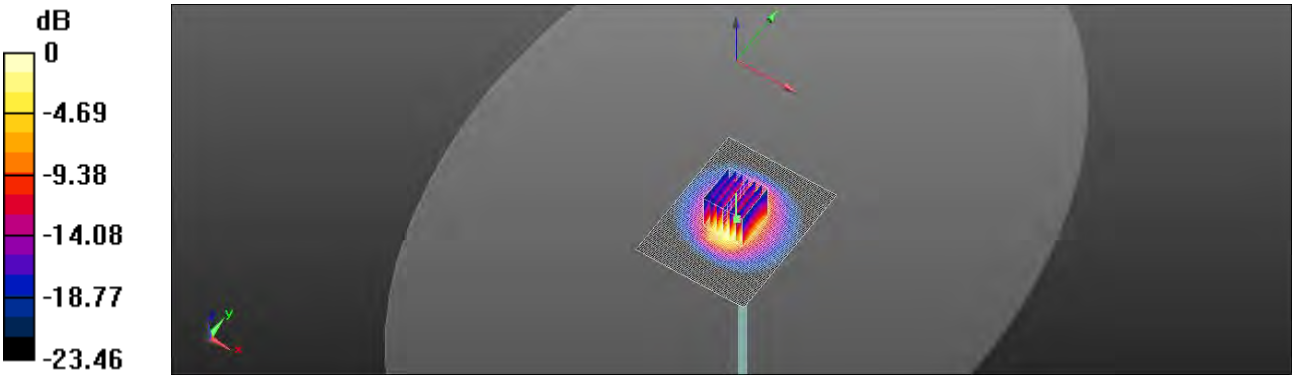
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.798 S/m; ε_r = 39.883; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(7.85, 7.85, 7.85) @ 2450 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x91x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.87 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 5.93 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

Date: 2020/6/25

Report No. :ES/2020/60008

Dipole 2600 MHz_SN:1005

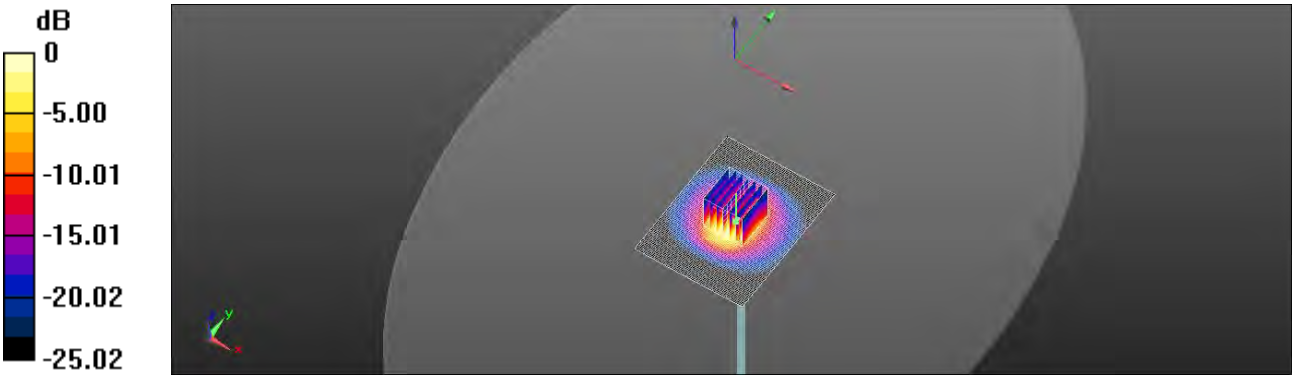
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 2.024 S/m; ε_r = 37.623; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x91x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 23.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.2 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 31.6 W/kg
SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.14 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 22.5 W/kg



0 dB = 22.5 W/kg = 13.52 dBW/kg

Date: 2020/6/19

Report No. :ES/2020/60008

Dipole 5200 MHz_SN:1023

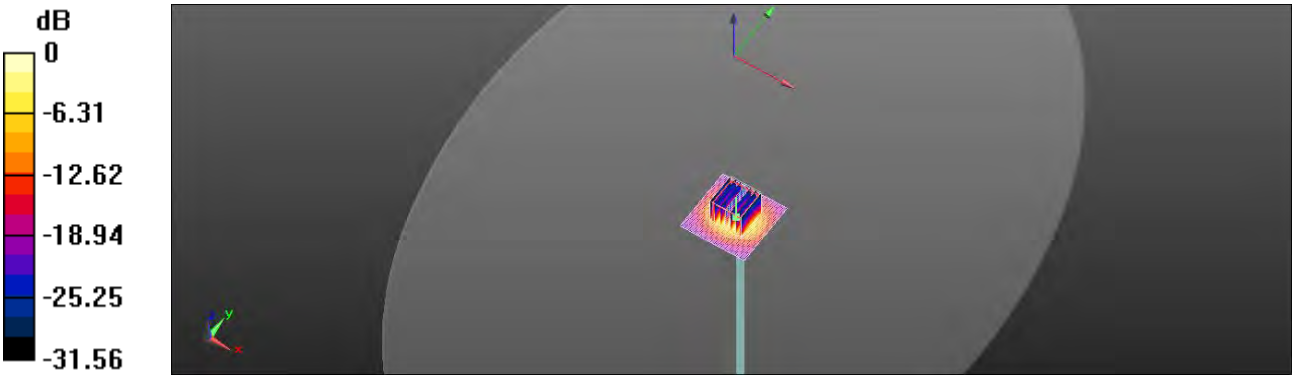
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.712 S/m; ε_r = 35.603; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.56, 5.56, 5.56) @ 5200 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 67.17 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 34.7 W/kg
SAR(1 g) = 8.62 W/kg; SAR(10 g) = 2.46 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 17.9 W/kg



0 dB = 17.9 W/kg = 12.53 dBW/kg

Date: 2020/6/20

Report No. :ES/2020/60008

Dipole 5300 MHz_SN:1023

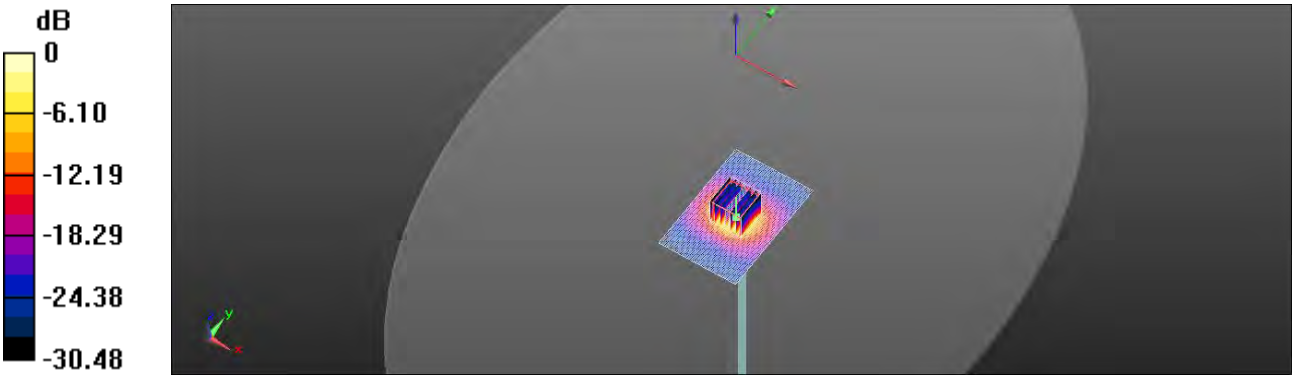
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.882 S/m; ε_r = 35.457; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.41, 5.41, 5.41) @ 5300 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.79 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 34.2 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.31 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.1%
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

Date: 2020/6/21

Report No. :ES/2020/60008

Dipole 5600 MHz_SN:1023

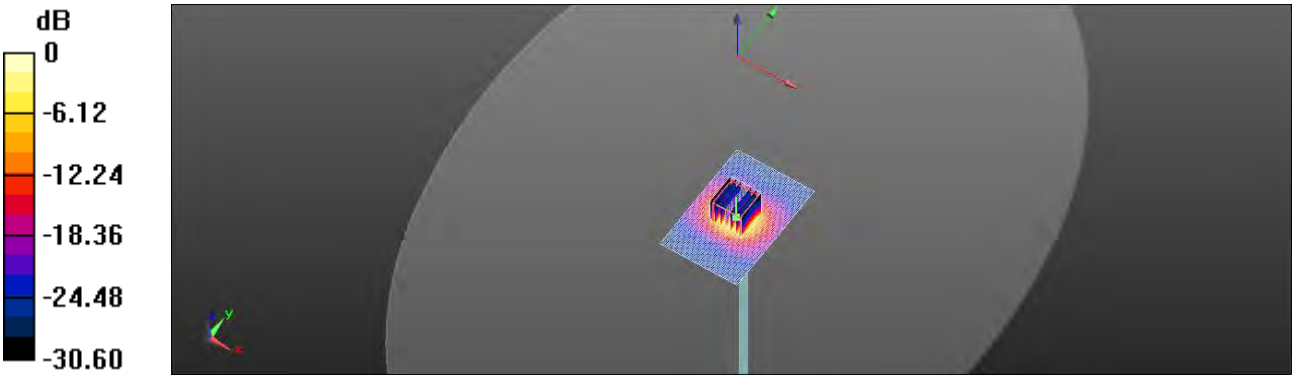
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 4.976 S/m; ε_r = 35.302; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(4.88, 4.88, 4.88) @ 5600 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 20.8 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.36 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 39.3 W/kg
SAR(1 g) = 9 W/kg; SAR(10 g) = 2.54 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

Date: 2020/6/22

Report No. :ES/2020/60008

Dipole 5800 MHz_SN:1023

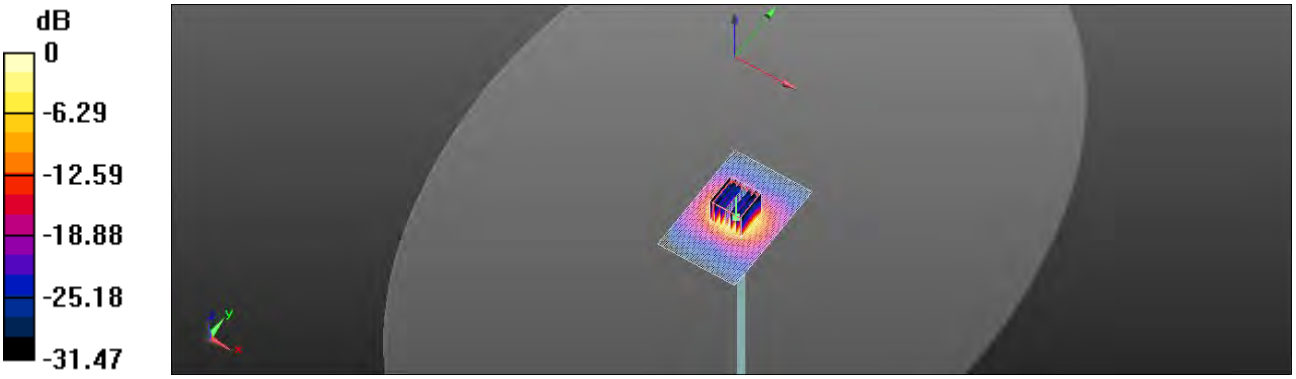
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.304 S/m; ε_r = 34.811; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7466; ConvF(5.06, 5.06, 5.06) @ 5800 MHz; Calibrated: 2020/02/04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2019/09/11
- Phantom: ELI
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 61.20 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 37.4 W/kg
SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.24 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

7. Uncertainty Budget

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.95%	N	1	1	0.64	0.43	2.53%	1.70%	M
Liquid Conductivity (mea.)	4.58%	N	1	1	0.6	0.49	2.75%	2.24%	M
Combined standard uncertainty		RSS					12.01%	11.75%	
Expant uncertainty (95% confidence							24.03%	23.50%	

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
Isotropy , Axial	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	1.39%	N	1	1	0.64	0.43	0.89%	0.60%	M
Liquid Conductivity (mea.)	2.62%	N	1	1	0.6	0.49	1.57%	1.28%	M
Combined standard uncertainty		RSS					11.85%	11.79%	
Expant uncertainty (95% confidence							23.71%	23.58%	

Appendixes

Refer to separated files for the following appendixes.

ES202060008 SAR_Appendix A Photographs

ES202060008 SAR_Appendix B DAE & Probe Cal. Certificate

ES202060008 SAR_Appendix C Phantom Description & Dipole Cal. Certificate

- End of report -