Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

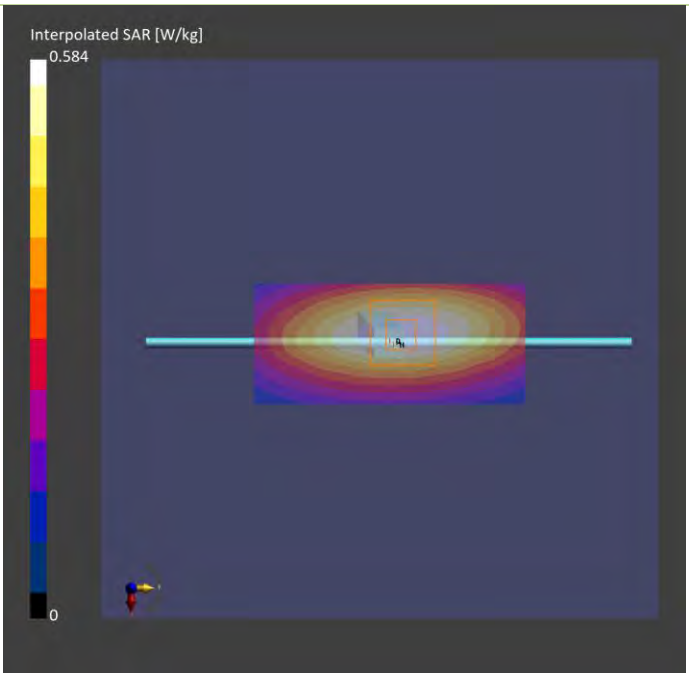
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S02 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

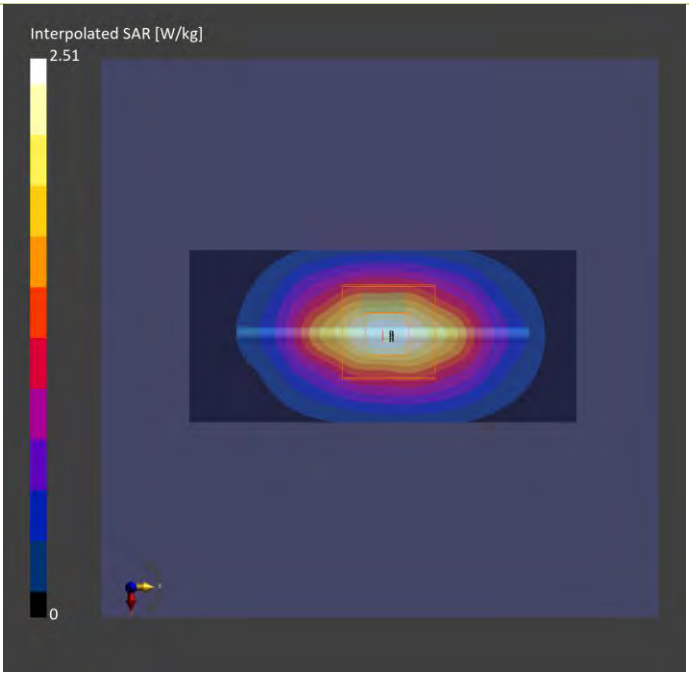
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S03 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

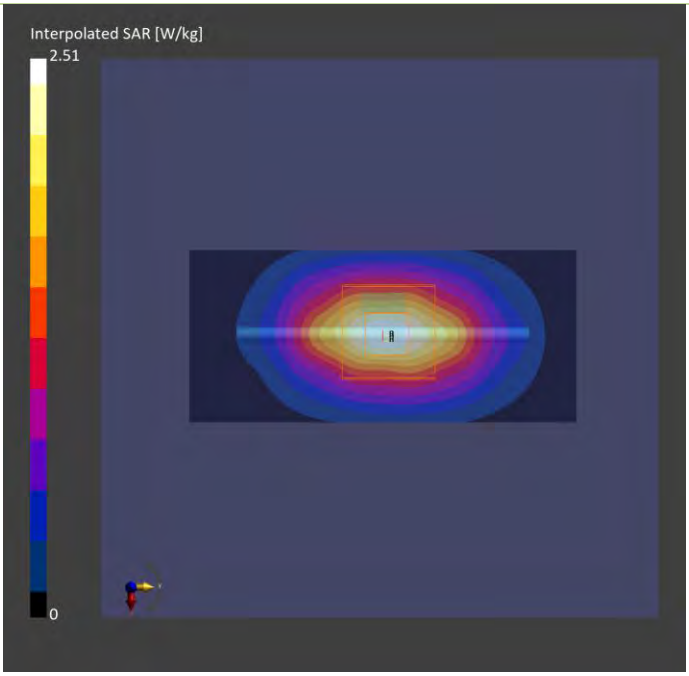
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S04 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

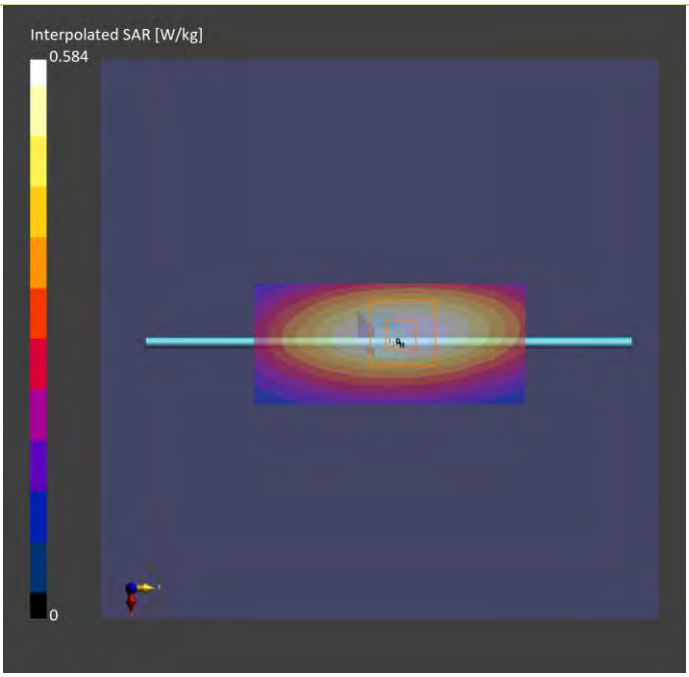
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S05 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

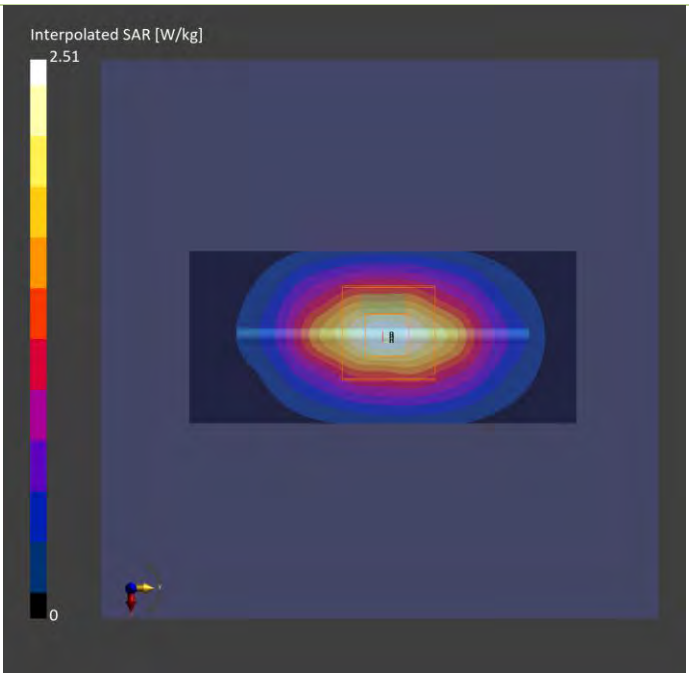
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S06 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

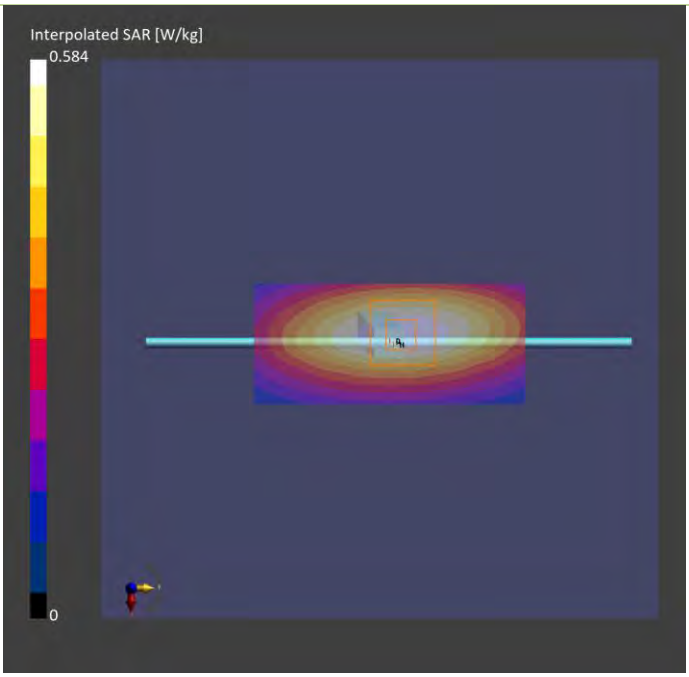
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S07 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

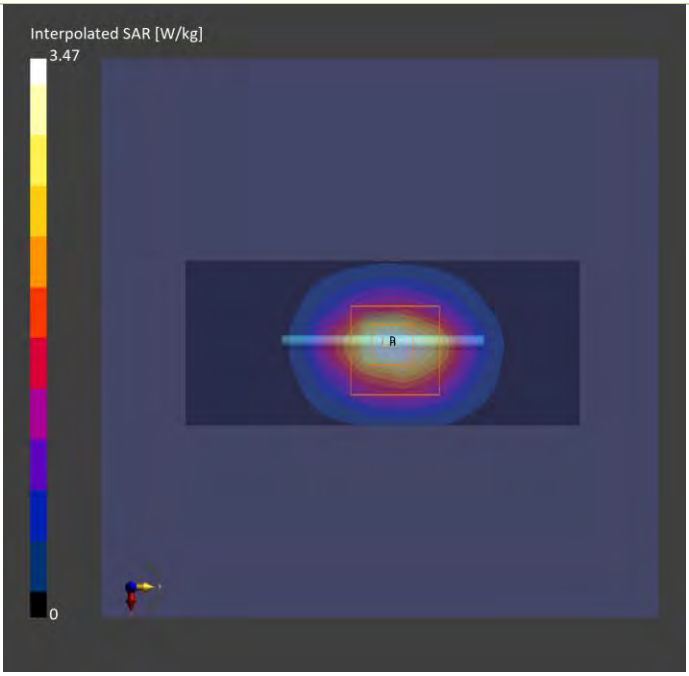
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S08 System Check_H750_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D750V3,	10.0 x 10.0 x 330.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				750.0	10.22	0.892	43.4

Hardware Setup

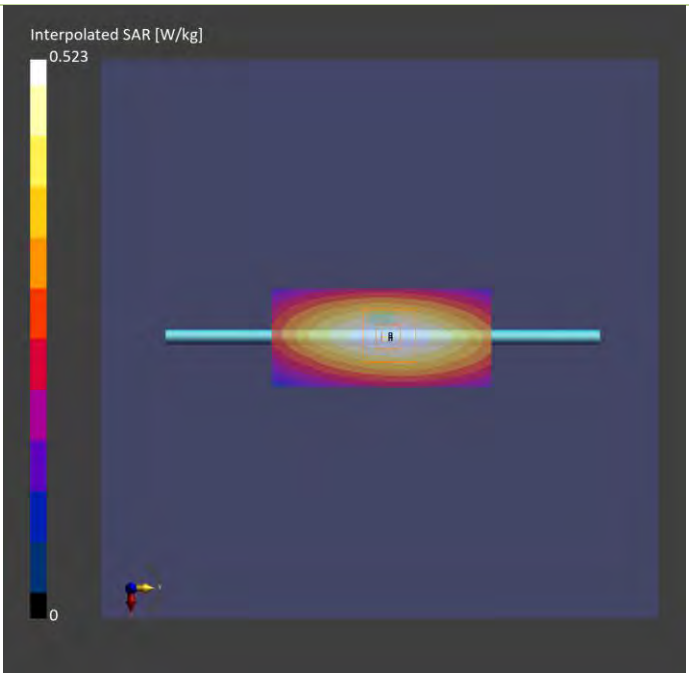
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.429	0.432
psSAR10g [W/kg]	0.278	0.281
Power Drift [dB]	-0.01	0.08



Plots of System Verification

Measurement Report
S09 System Check_H750_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D750V3,	10.0 x 10.0 x 330.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				750.0	10.22	0.892	43.4

Hardware Setup

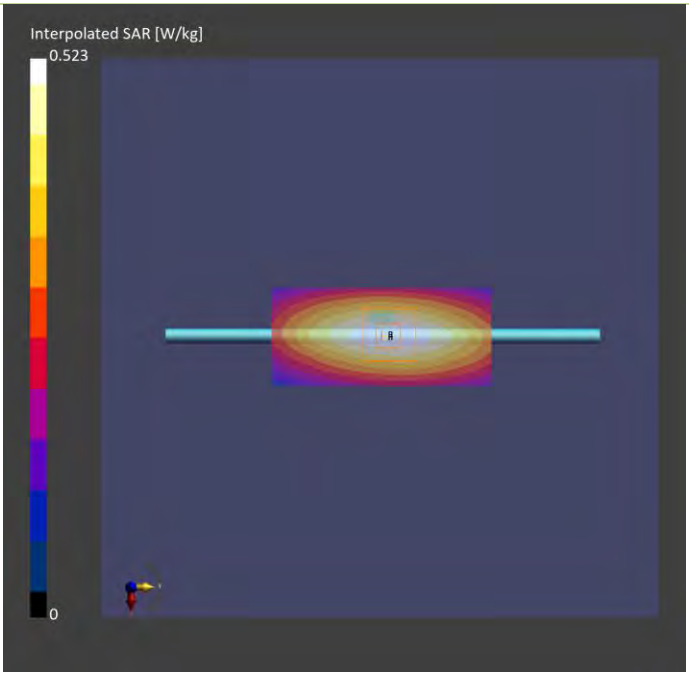
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.429	0.432
psSAR10g [W/kg]	0.278	0.281
Power Drift [dB]	-0.01	0.08



Plots of System Verification

Measurement Report
S10 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

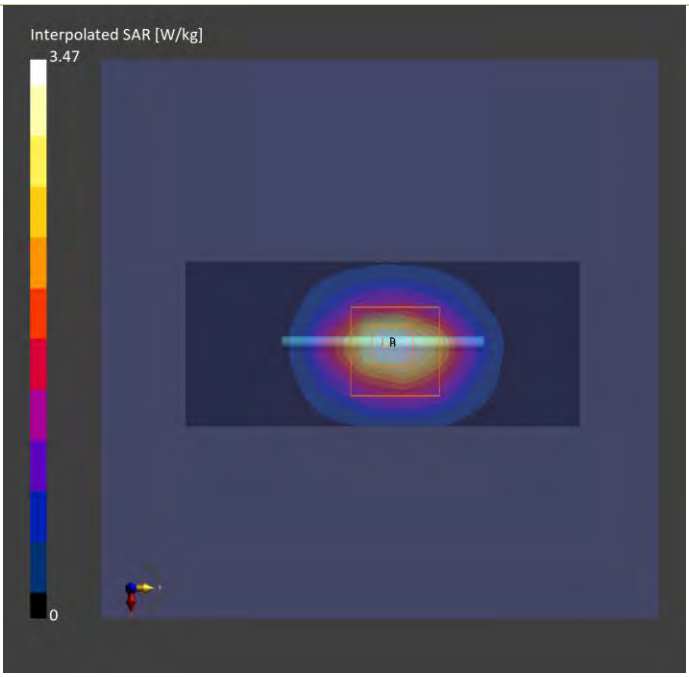
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S11 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

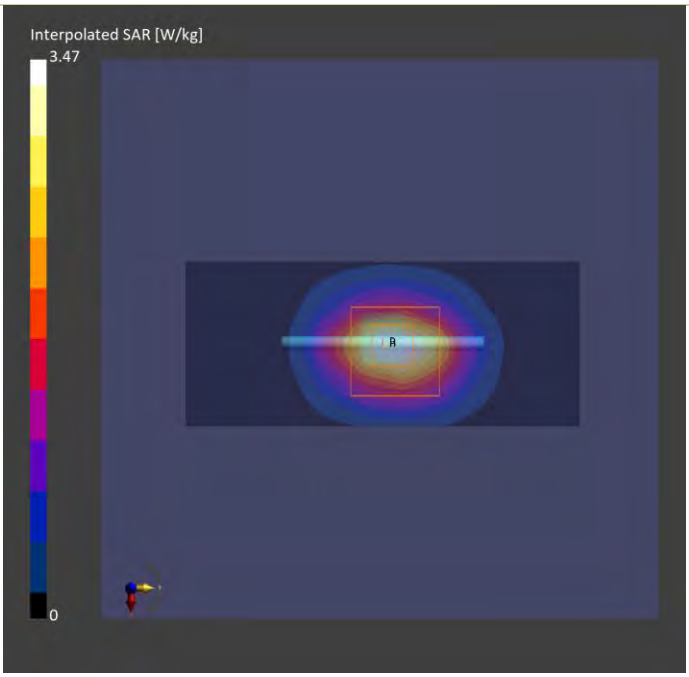
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S12 System Check H2450_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.87	1.82	39.7

Hardware Setup

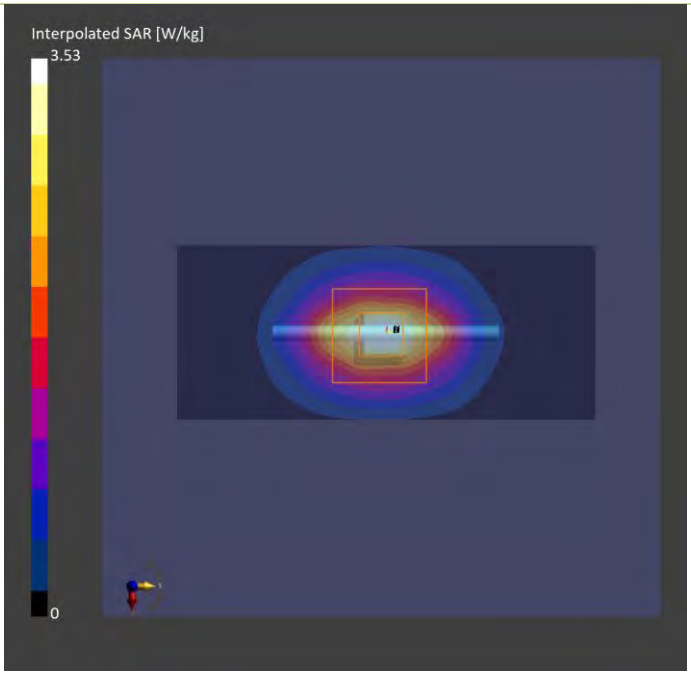
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	2.56	2.58
psSAR10g [W/kg]	1.21	1.27
Power Drift [dB]	0.02	0.07



Plots of System Verification

Measurement Report
S13 System Check H5250_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5250.000, 0	5.27	4.51	35.6

Hardware Setup

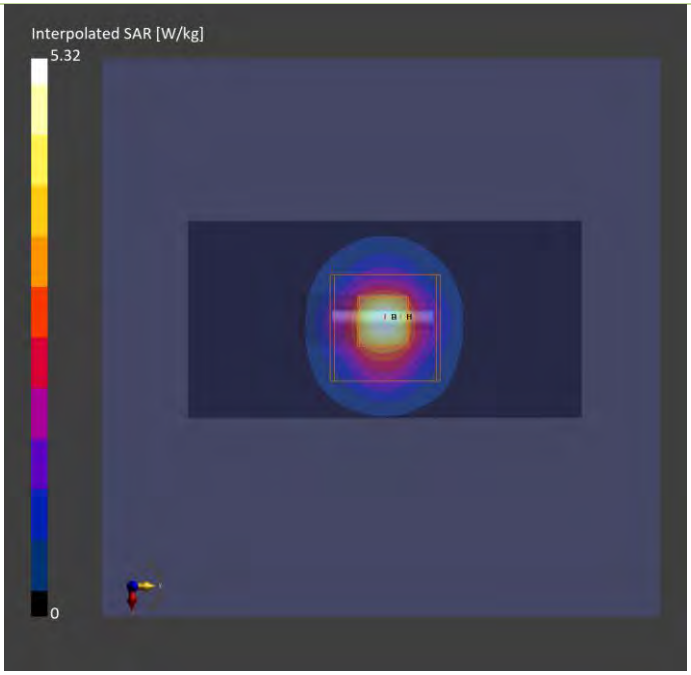
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	3.55	3.76
psSAR10g [W/kg]	0.955	1.16
Power Drift [dB]	0.07	-0.02



Plots of System Verification

Measurement Report
S14 System Check_H5600_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5600.000, 0	4.83	4.89	35.0

Hardware Setup

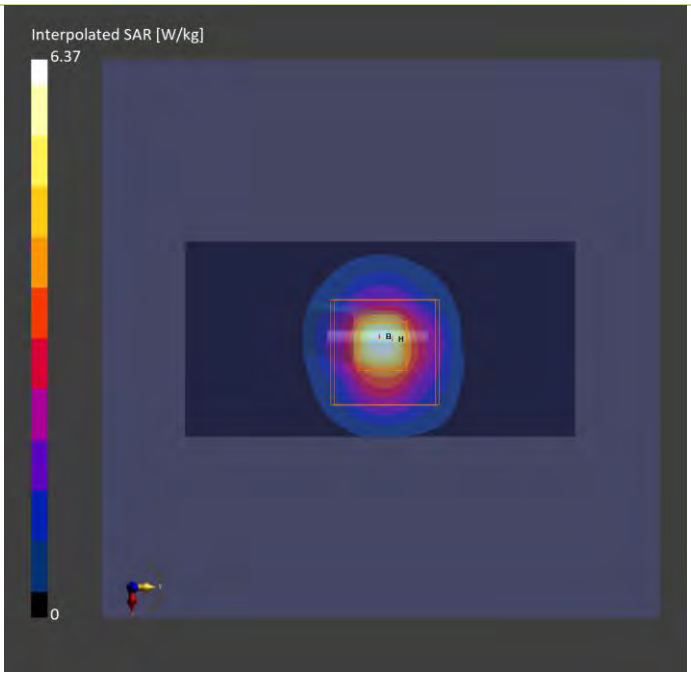
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	4.03	4.32
psSAR10g [W/kg]	1.18	1.24
Power Drift [dB]	-0.02	-0.01



Plots of System Verification

Measurement Report
S15 System Check_H5800_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5800.000, 0	4.78	5.12	34.7

Hardware Setu

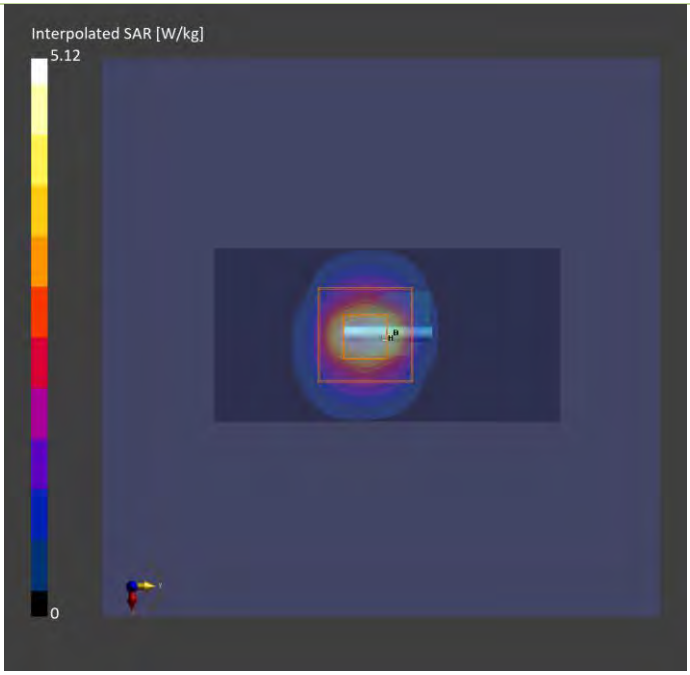
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	3.77	4.32
psSAR10g [W/kg]	1.13	1.23
Power Drift [dB]	-0.01	-0.02



Plots of System Verification

Measurement Report
S16 System Check H2450_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.87	1.82	39.7

Hardware Setup

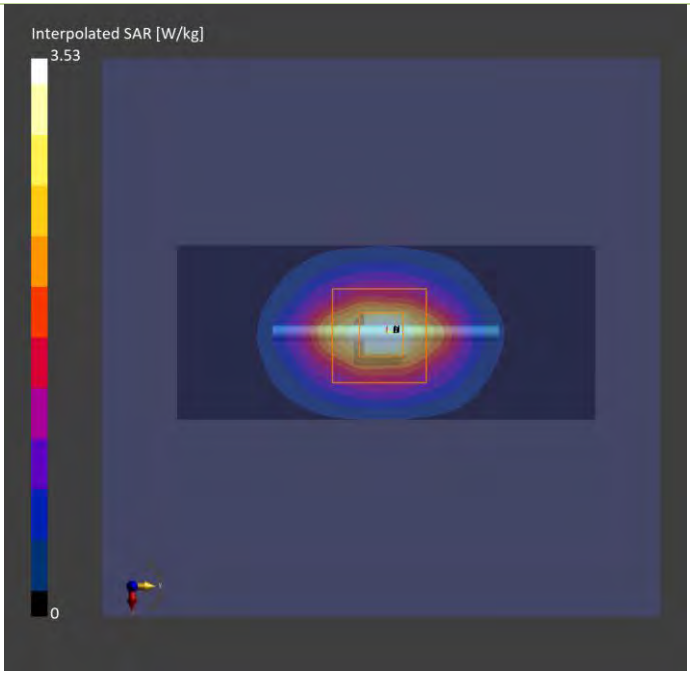
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	2.56	2.58
psSAR10g [W/kg]	1.21	1.27
Power Drift [dB]	0.02	0.07



Plots of System Verification

Measurement Report
S17 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

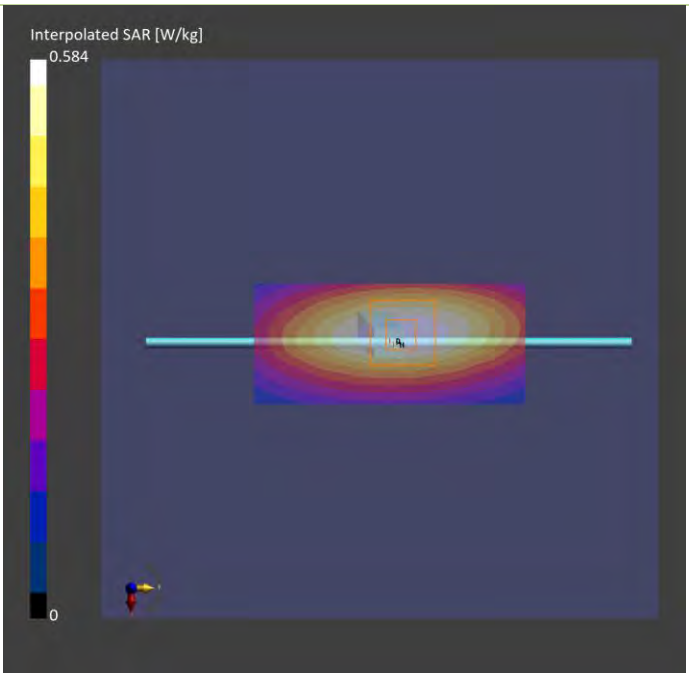
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S18 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

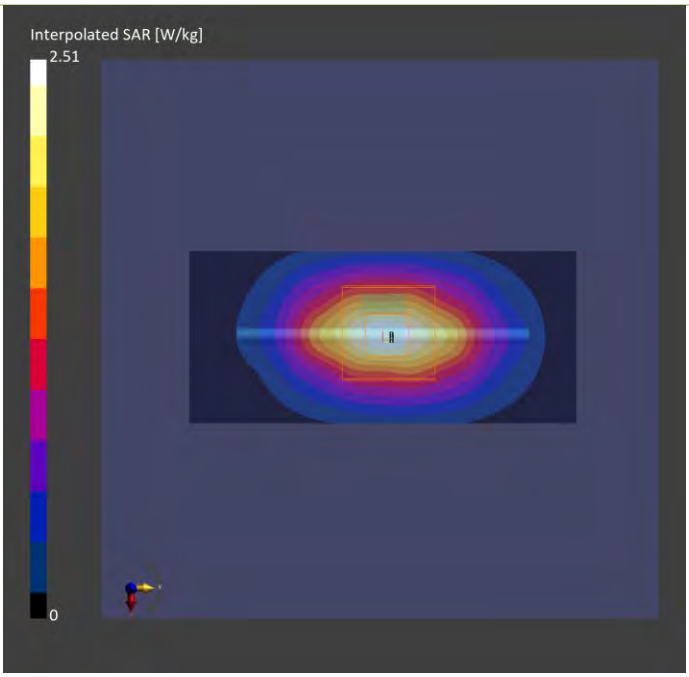
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S19 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

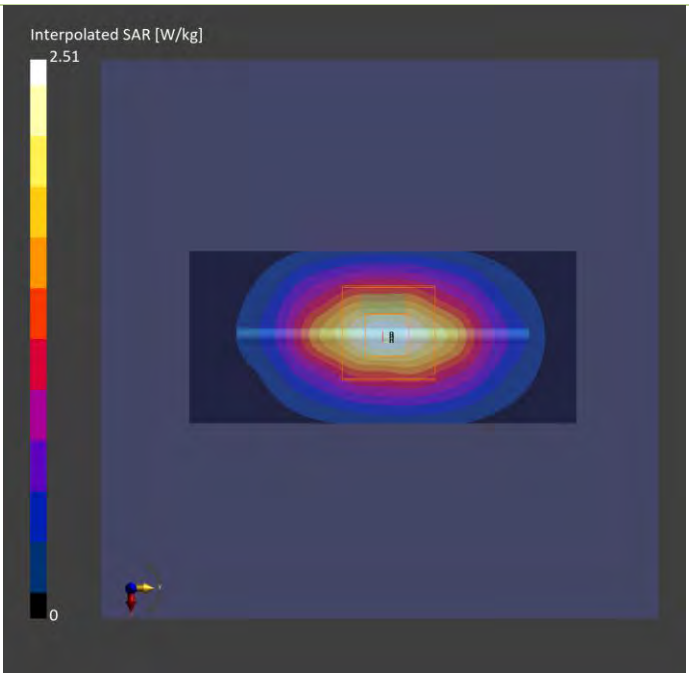
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S20 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

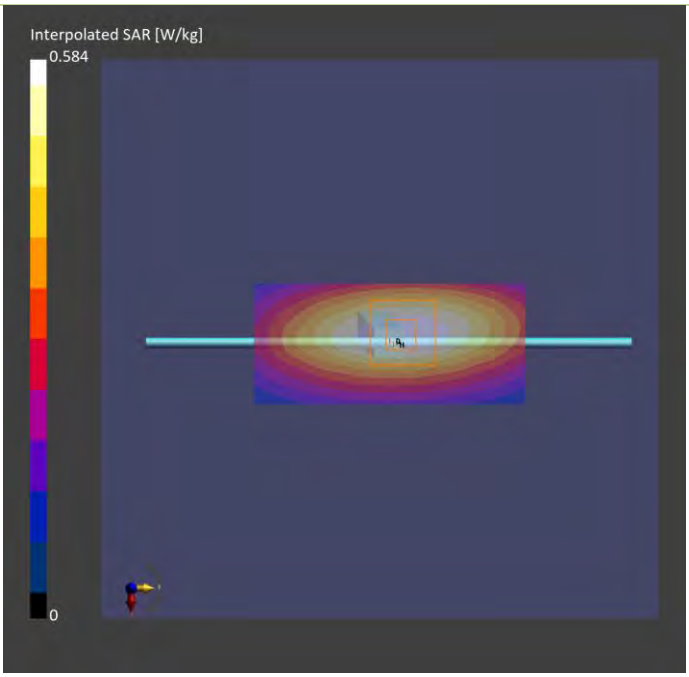
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S21 System Check_H1900_250710
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D1900V2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				1900.0	7.89	1.47	40.4

Hardware Setup

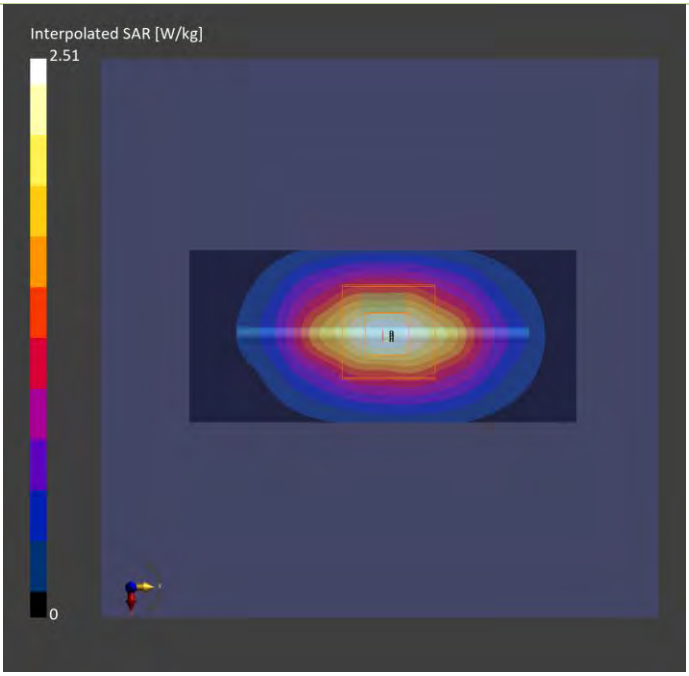
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	1.92	1.97
psSAR10g [W/kg]	1.02	1.05
Power Drift [dB]	0.05	-0.02



Plots of System Verification

Measurement Report
S22 System Check_H835_250708
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D835V2,	10.0 x 10.0 x 340.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	835.000, 0	9.68	0.942	43.3

Hardware Setup

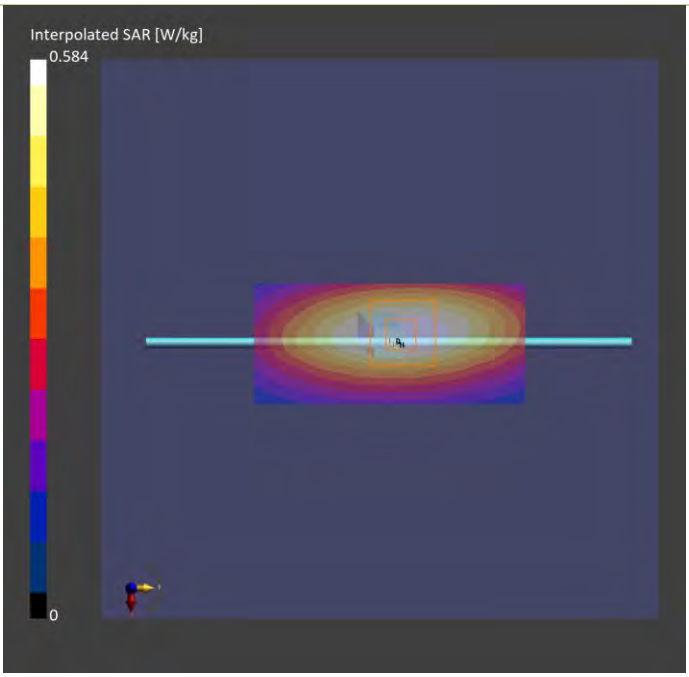
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.482	0.495
psSAR10g [W/kg]	0.309	0.315
Power Drift [dB]	-0.01	0.04



Plots of System Verification

Measurement Report
S23 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

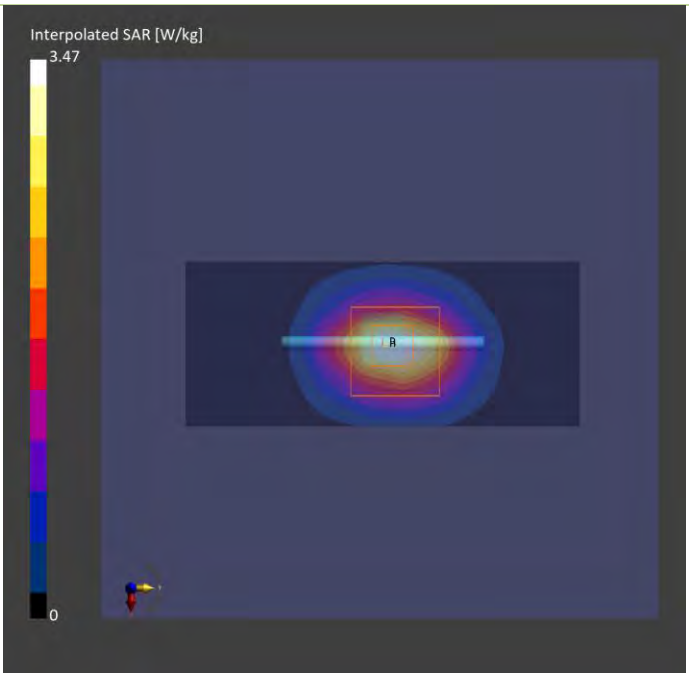
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S24 System Check_H750_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D750V3,	10.0 x 10.0 x 330.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				750.0	10.22	0.892	43.4

Hardware Setup

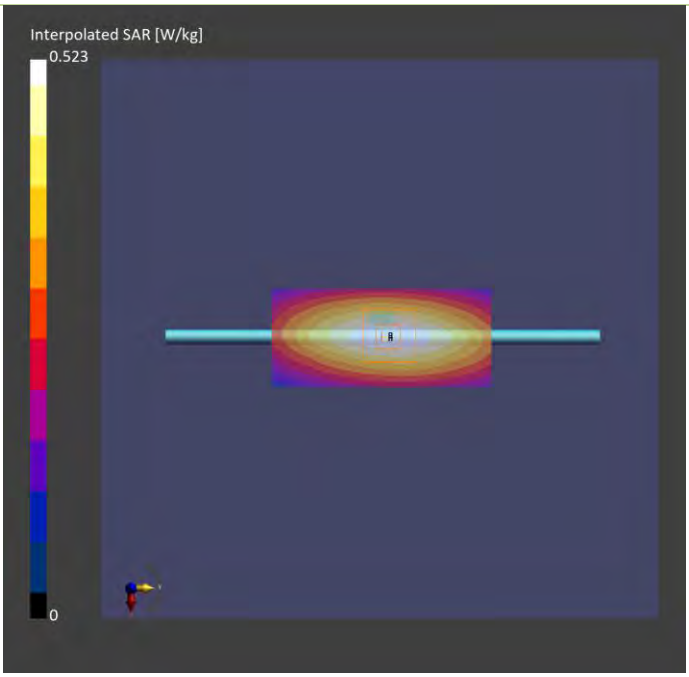
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.429	0.432
psSAR10g [W/kg]	0.278	0.281
Power Drift [dB]	-0.01	0.08



Plots of System Verification

Measurement Report
S25 System Check_H750_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D750V3,	10.0 x 10.0 x 330.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat				750.0	10.22	0.892	43.4

Hardware Setup

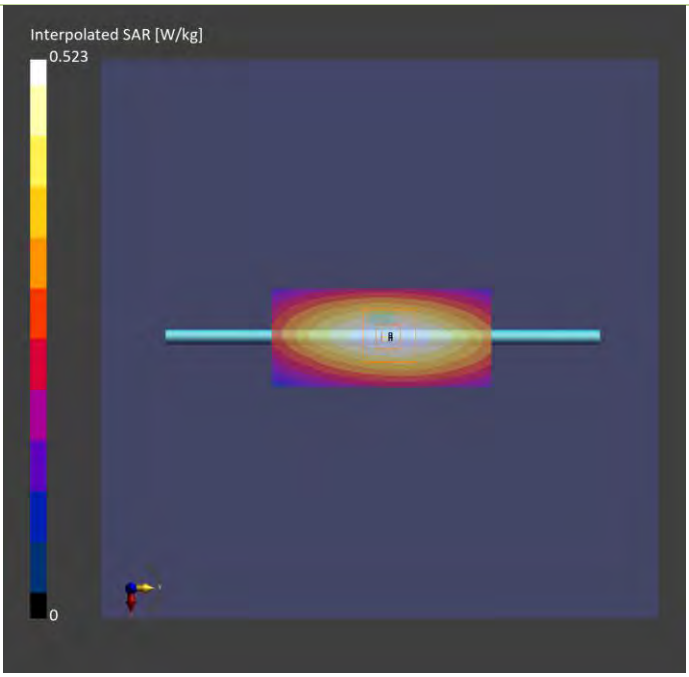
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	36.0 x 36.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.429	0.432
psSAR10g [W/kg]	0.278	0.281
Power Drift [dB]	-0.01	0.08



Plots of System Verification

Measurement Report
S26 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

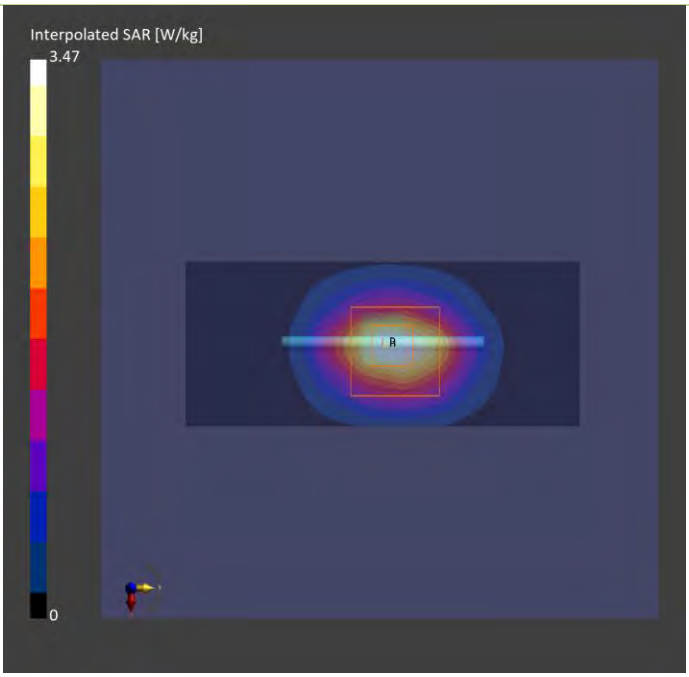
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S27 System Check H2600_250711
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2600V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2600.000, 0	7.40	1.93	39.7

Hardware Setup

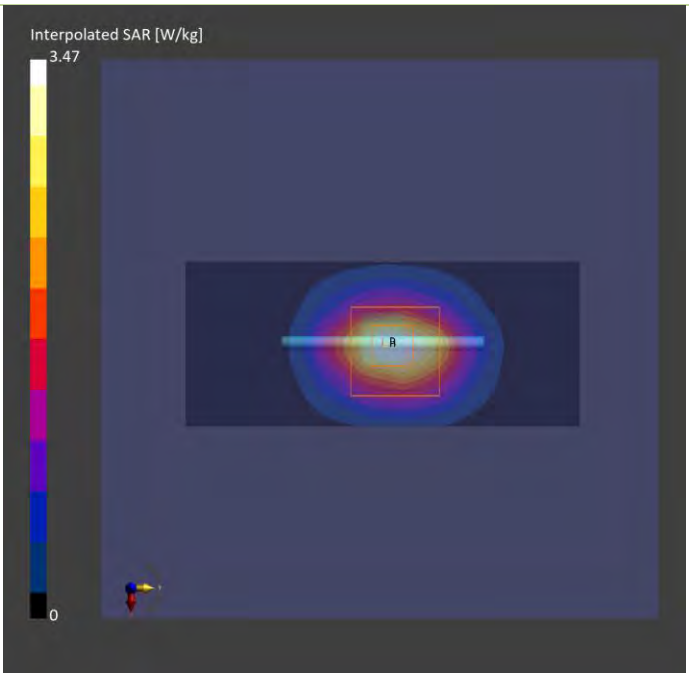
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	2.66	2.69
psSAR10g [W/kg]	1.17	1.21
Power Drift [dB]	-0.04	0.06



Plots of System Verification

Measurement Report
S28 System Check H2450_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.87	1.82	39.7

Hardware Setup

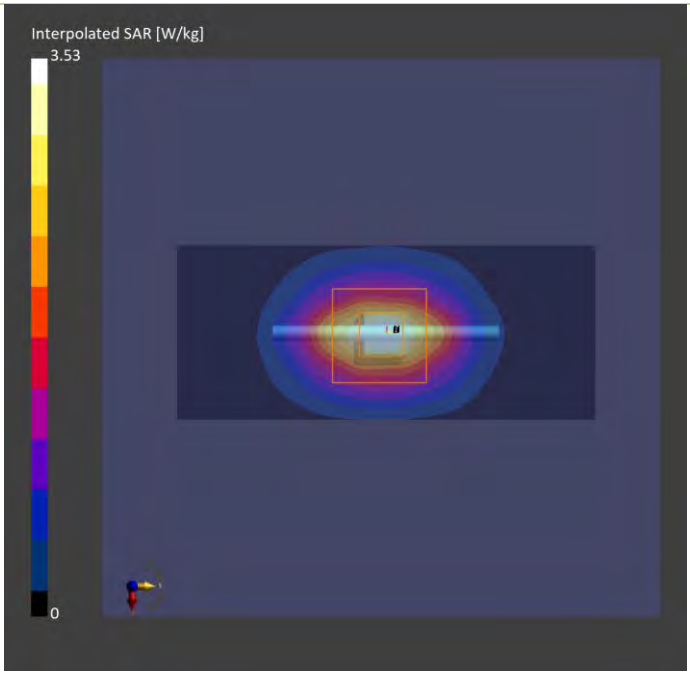
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	2.56	2.58
psSAR10g [W/kg]	1.21	1.27
Power Drift [dB]	0.02	0.07



Plots of System Verification

Measurement Report
S29 System Check_H5250_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5250.000, 0	5.27	4.59	36.7

Hardware Setup

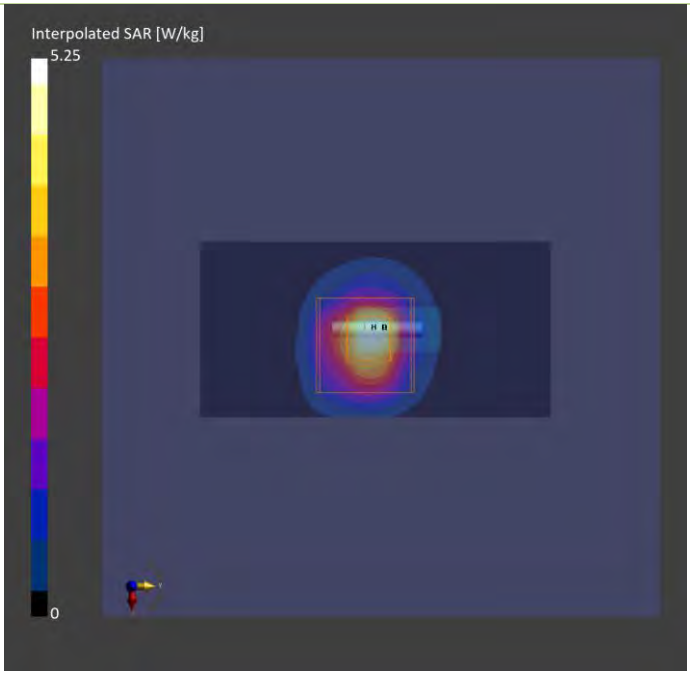
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.66	3.89
psSAR10g [W/kg]	1.04	1.12
Power Drift [dB]	0.06	0.11



Plots of System Verification

Measurement Report
S30 System Check_H5600_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5600.000, 0	4.83	4.95	36.2

Hardware Setup

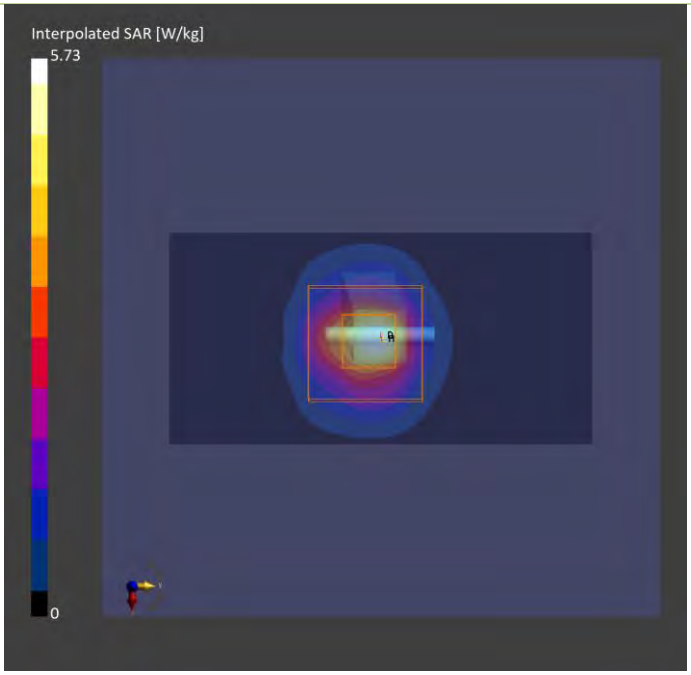
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.94	4.02
psSAR10g [W/kg]	1.12	1.16
Power Drift [dB]	0.05	0.09



Plots of System Verification

Measurement Report
S31 System Check_H5800_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5800.000, 0	4.78	5.18	35.9

Hardware Setup

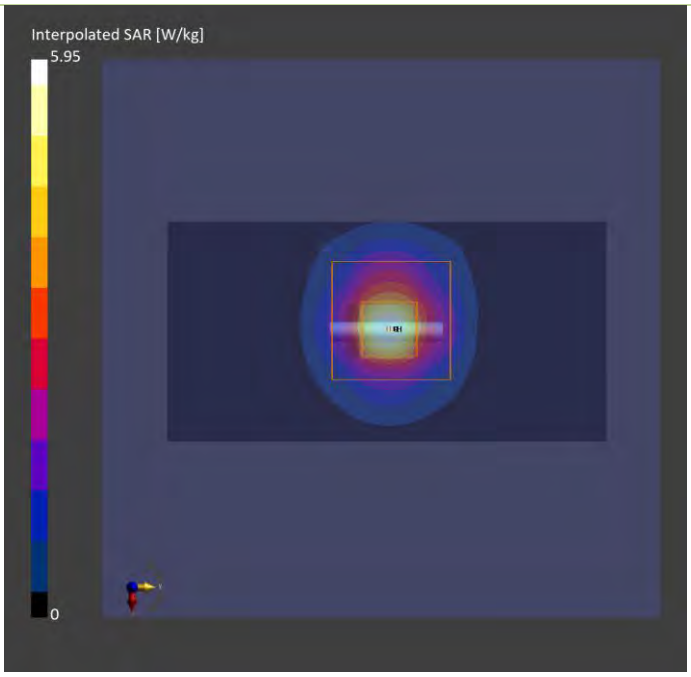
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.74	4.03
psSAR10g [W/kg]	1.06	1.15
Power Drift [dB]	0.10	0.03



Plots of System Verification

Measurement Report
S32 System Check H2450_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	2450.000, 0	6.87	1.82	39.7

Hardware Setup

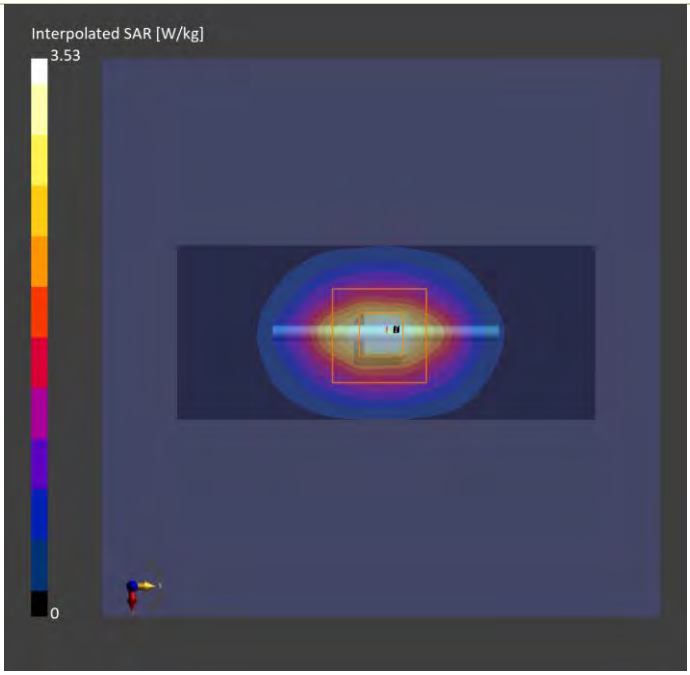
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	2.56	2.58
psSAR10g [W/kg]	1.21	1.27
Power Drift [dB]	0.02	0.07



Plots of System Verification

Measurement Report
S34 System Check_H5250_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5250.000, 0	5.27	4.59	36.7

Hardware Setup

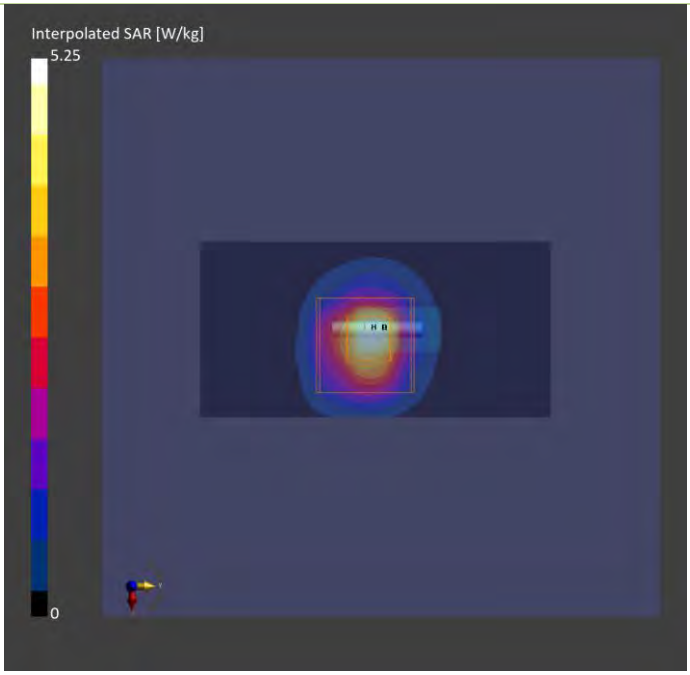
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.66	3.89
psSAR10g [W/kg]	1.04	1.12
Power Drift [dB]	0.06	0.11



Plots of System Verification

Measurement Report
S35 System Check_H5600_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5600.000, 0	4.83	4.95	36.2

Hardware Setup

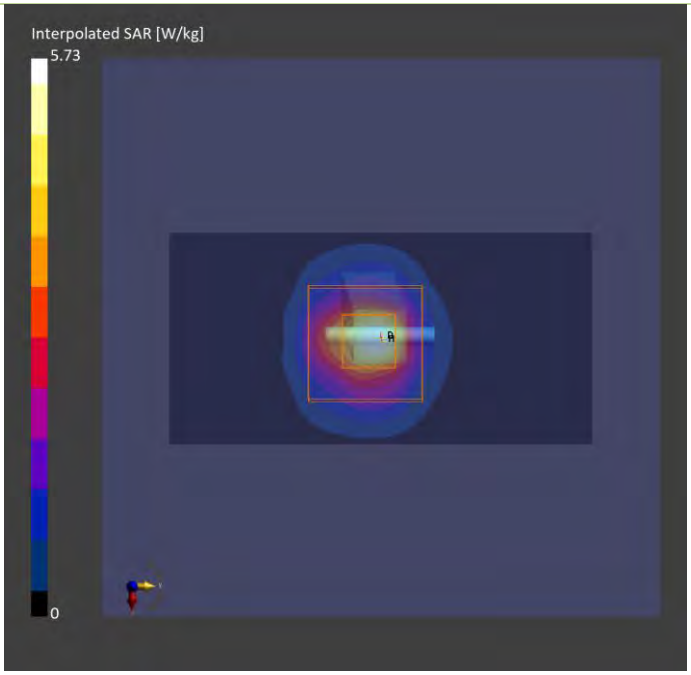
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.94	4.02
psSAR10g [W/kg]	1.12	1.16
Power Drift [dB]	0.05	0.09



Plots of System Verification

Measurement Report
S36 System Check_H5800_250709
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		CW, 0--	5800.000, 0	4.78	5.18	35.9

Hardware Setup

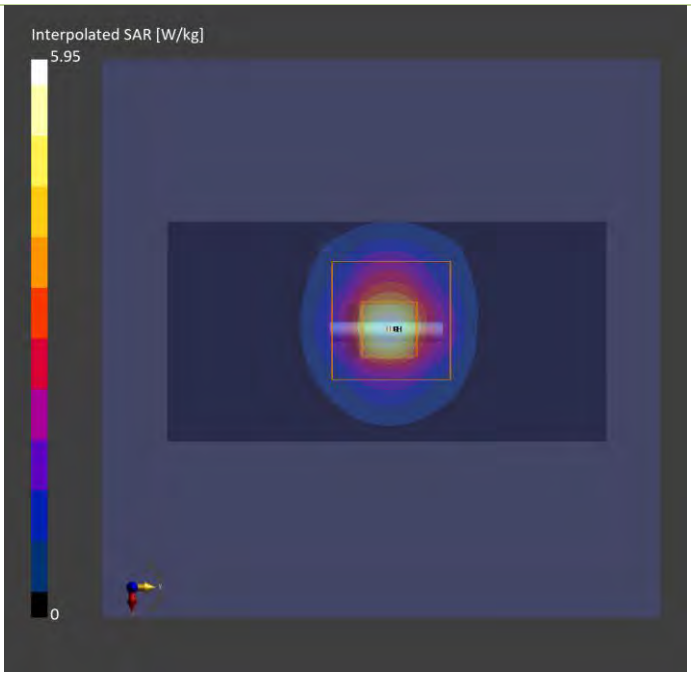
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	3.74	4.03
psSAR10g [W/kg]	1.06	1.15
Power Drift [dB]	0.10	0.03



Plots of System Verification

Measurement Report
S33 System Check_H13M
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
CLA13,	240.0 x 240.0 x 95.0		

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,		Custom Band	CW, 0--	13.000, 13000	15.75	0.727	55.5

Hardware Setup

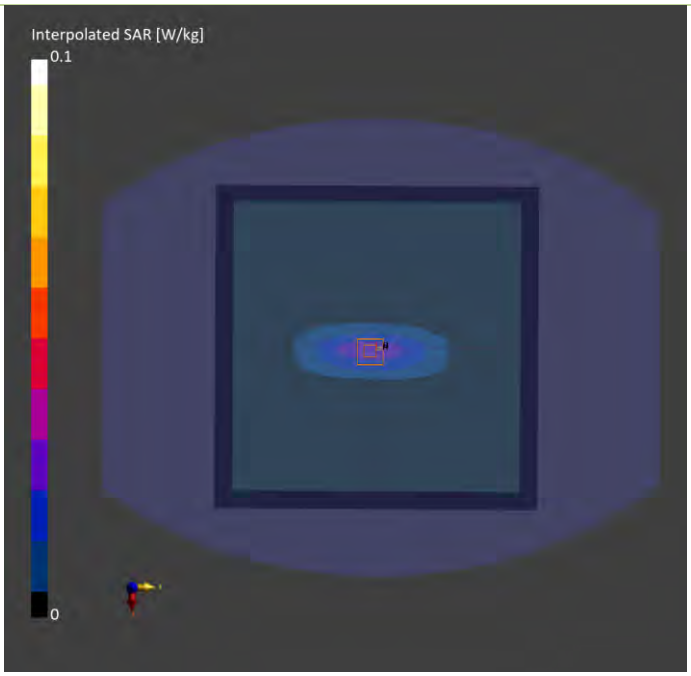
Phantom		TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) -	2188	250MHz, 2025-07-09	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	270.0 x 270.0	36.0 x 40.0 x 30.8
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.029	0.026
psSAR10g [W/kg]	0.023	0.017
Power Drift [dB]	0.04	-0.08



Appendix B. Plots of Measurement

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

Plots of Measurement

Measurement Report
P01 GSM850_GPRS10_Right Cheek_Ch251_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	GSM 850	GSM, 10024-DAC	848.800, 251	9.68	0.949	43.2

Hardware Setup

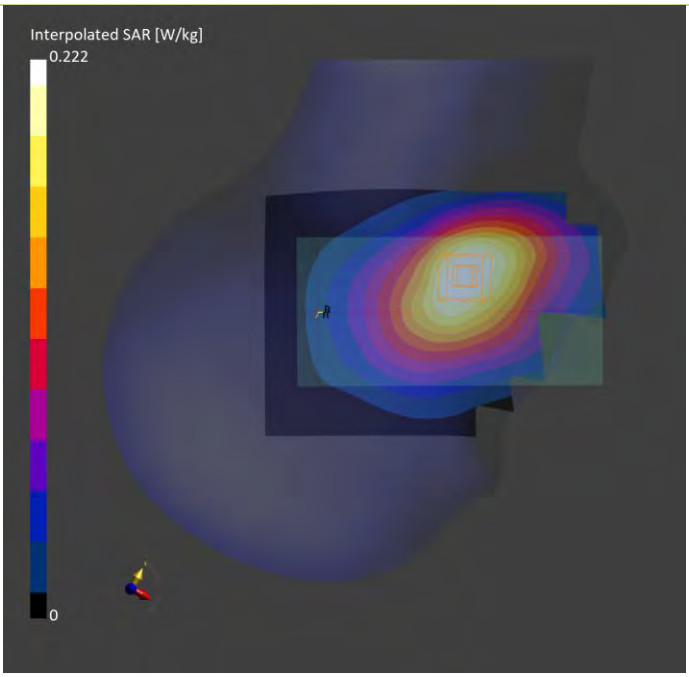
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.194	0.207
psSAR10g [W/kg]	0.134	0.160
Power Drift [dB]	0.05	0.01
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		> 16.0



Plots of Measurement

Measurement Report
P02 GSM1900_GPRS12_Right Cheek_Ch810_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	PCS 1900	GSM, 10028-DAC	1909.800, 810	7.89	1.47	40.4

Hardware Setup

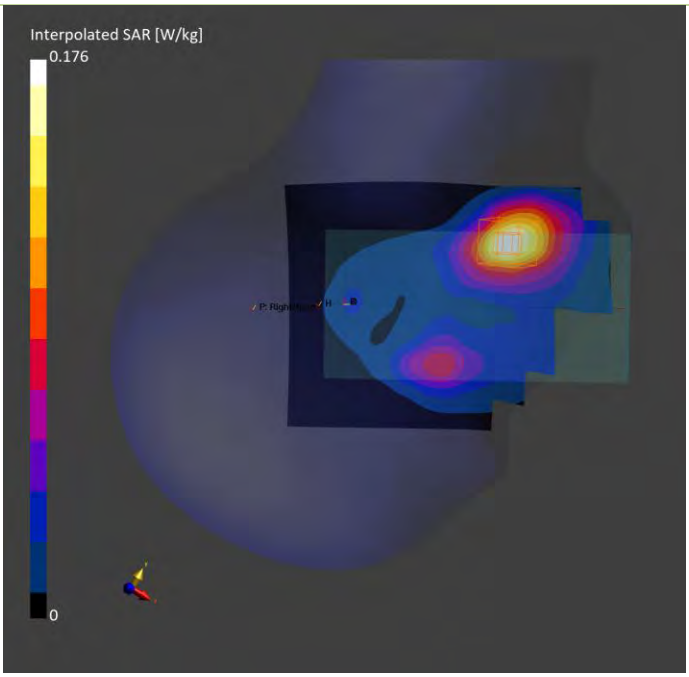
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.141	0.150
psSAR10g [W/kg]	0.079	0.093
Power Drift [dB]	-0.09	-0.04
M2/M1 [%]		69.0
Dist 3dB Peak [mm]		12.9



Plots of Measurement

Measurement Report
P03 WCDMA II_RMC12.2K_Right Cheek_Ch9538_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 2	WCDMA, 10011-CAC	1907.600, 9538	7.89	1.47	40.4

Hardware Setup

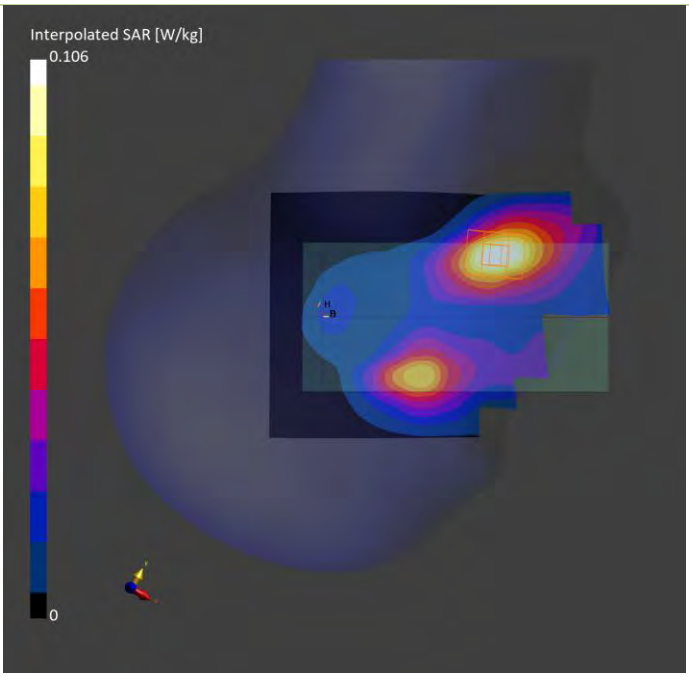
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.085	0.092
psSAR10g [W/kg]	0.048	0.056
Power Drift [dB]	0.03	0.05
M2/M1 [%]		66.4
Dist 3dB Peak [mm]		12.7



Plots of Measurement

Measurement Report
P04 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 5	WCDMA, 10011-CAC	836.400, 4182	9.68	0.943	43.3

Hardware Setup

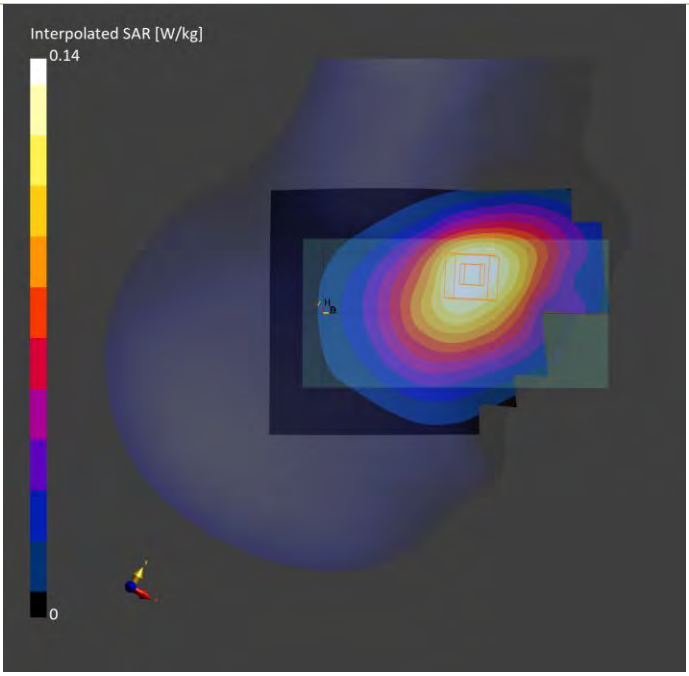
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.122	0.129
psSAR10g [W/kg]	0.085	0.10
Power Drift [dB]	0.05	-0.05
M2/M1 [%]		79.0
Dist 3dB Peak [mm]		> 16.0



Plots of Measurement

Measurement Report
P05 LTE2_QPSK20M_Right Cheek_Ch18700_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 2	LTE-FDD, 10169-CAF	1860.000, 18700	7.89	1.44	40.5

Hardware Setup

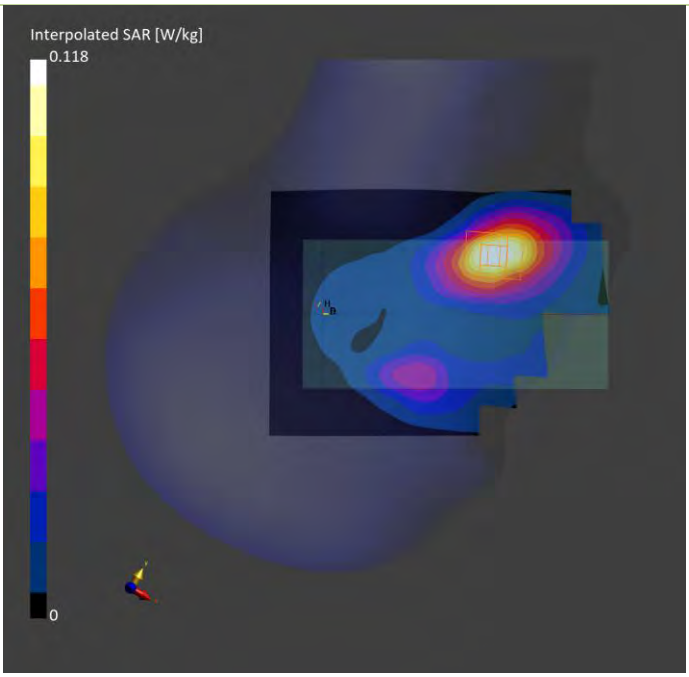
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.095	0.102
psSAR10g [W/kg]	0.054	0.062
Power Drift [dB]	-0.08	-0.02
M2/M1 [%]		66.6
Dist 3dB Peak [mm]		11.7



Measurement Report
P06 LTE5_QPSK10M_Right Cheek_Ch20600_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	CHEEK, 0.00	Band 5	LTE-FDD, 10175-CAH	844.000, 20600	9.68	0.946	43.2

Hardware Setup

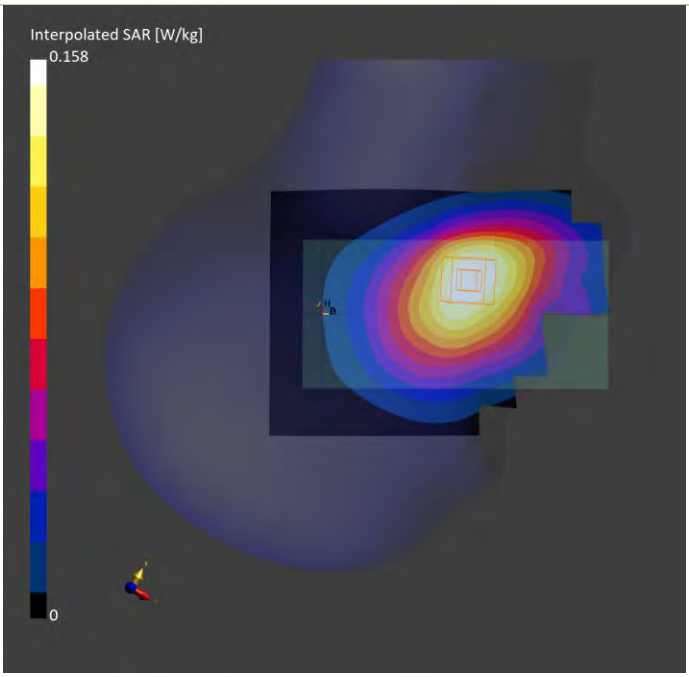
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.139	0.147
psSAR10g [W/kg]	0.096	0.114
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		78.8
Dist 3dB Peak [mm]		> 16.0



Plots of Measurement

Measurement Report
P07 LTE7_QPSK20M_Right Cheek_Ch21350_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 7	LTE-FDD, 10169-CAF	2560.000, 21350	7.4	1.90	39.8

Hardware Setup

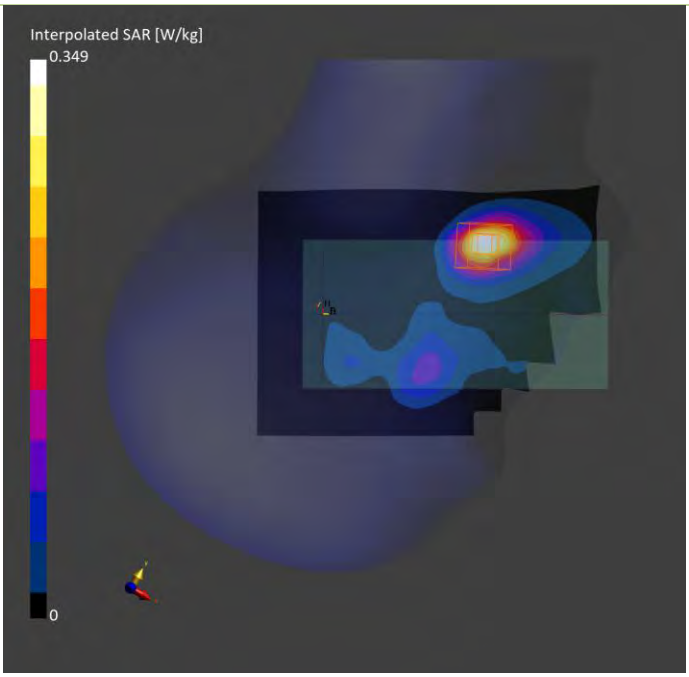
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.258	0.277
psSAR10g [W/kg]	0.121	0.136
Power Drift [dB]	-0.06	-0.03
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		9.1



Measurement Report
P08 LTE12_QPSK10M_Right Cheek_Ch23095_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	10.22	0.875	43.5

Hardware Setup

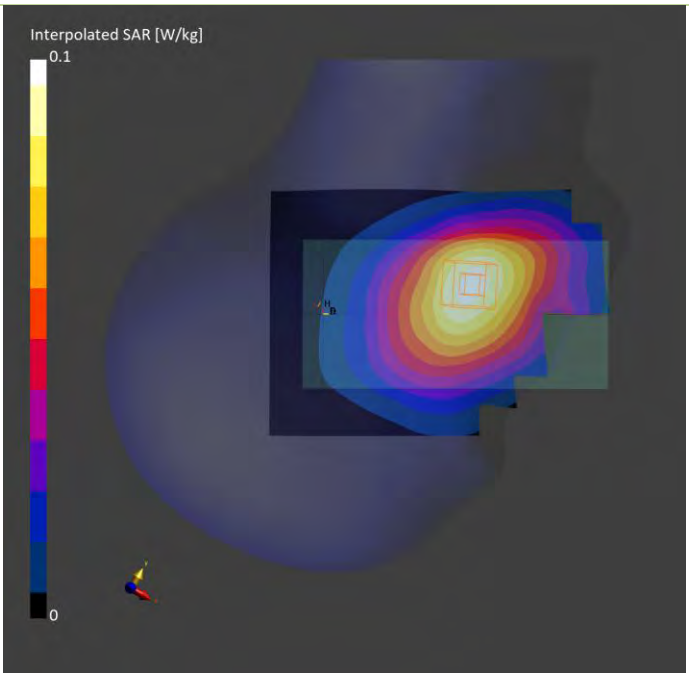
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.084	0.090
psSAR10g [W/kg]	0.059	0.070
Power Drift [dB]	0.08	-0.01
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		> 16.0



Measurement Report
P09 LTE17_QPSK10M_Right Cheek_Ch23800_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 17	LTE-FDD, 10175-CAH	711.000, 23800	10.22	0.877	43.5

Hardware Setup

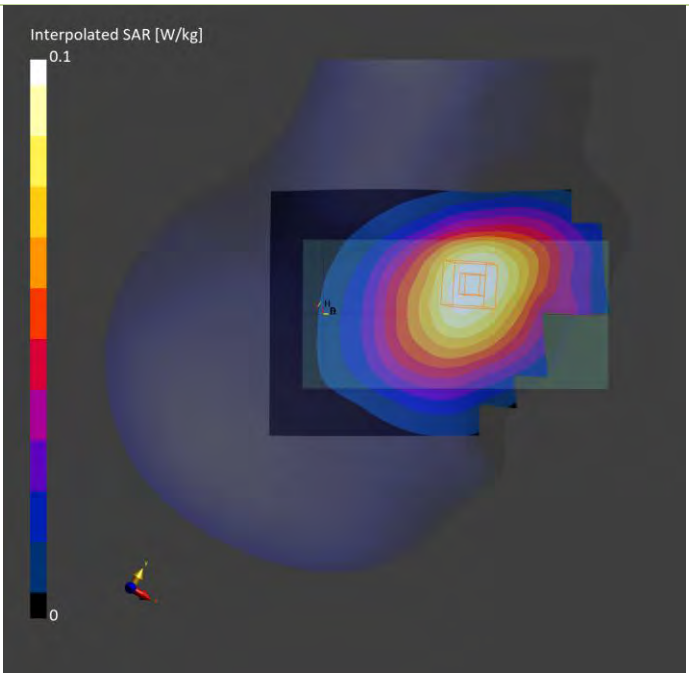
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.088	0.093
psSAR10g [W/kg]	0.062	0.073
Power Drift [dB]	0.03	-0.03
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		> 16.0



Measurement Report
P10 LTE38_QPSK20M_Right Cheek_Ch37850_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 38	LTE-TDD, 10172-CAH	2580.000, 37850	7.4	1.92	39.7

Hardware Setup

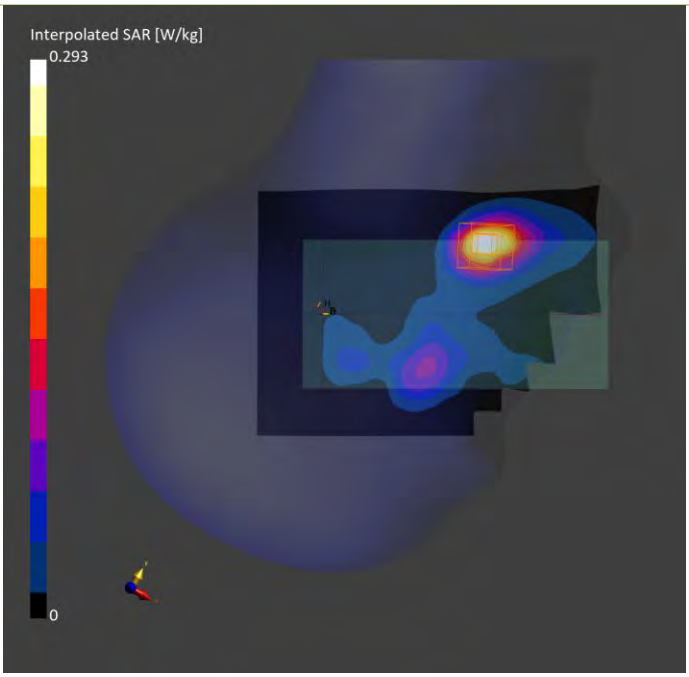
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.217	0.232
psSAR10g [W/kg]	0.101	0.114
Power Drift [dB]	-0.04	0.04
M2/M1 [%]		52.8
Dist 3dB Peak [mm]		9.1



Measurement Report
P11 LTE41_QPSK20M_Right Cheek_Ch40620_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead,	Right Cheek, 0.00	Band 41	LTE-TDD, 10172-CAH	2593.000, 40620	7.4	1.93	39.7

Hardware Setup

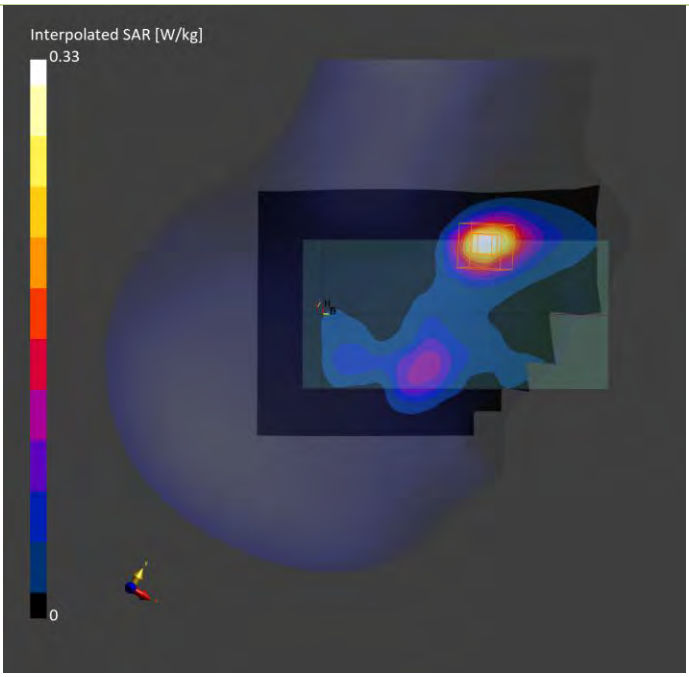
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.243	0.261
psSAR10g [W/kg]	0.113	0.127
Power Drift [dB]	-0.08	0.01
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		9.1



Plots of Measurement

Measurement Report
P12 WLAN2.4G_802.11b_Left Cheek_Ch6_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	Left Cheek, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.000, 6	6.87	1.81	39.7

Hardware Setup

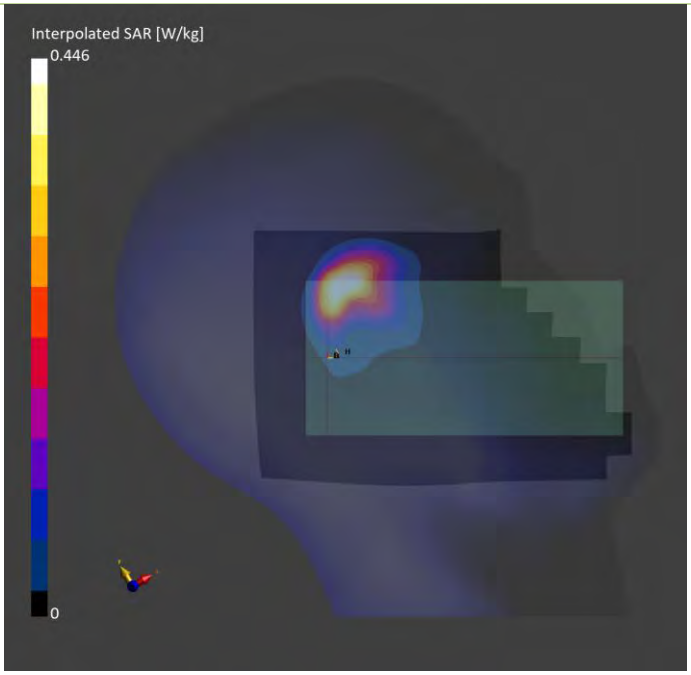
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.341	0.377
psSAR10g [W/kg]	0.168	0.171
Power Drift [dB]	0.01	0.01
M2/M1 [%]		46.3
Dist 3dB Peak [mm]		7.1



Plots of Measurement

Measurement Report
P13 WLAN5.3G_802.11ac VHT80_Left Cheek_Ch58_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	Left Cheek, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	5.27	4.56	35.5

Hardware Setup

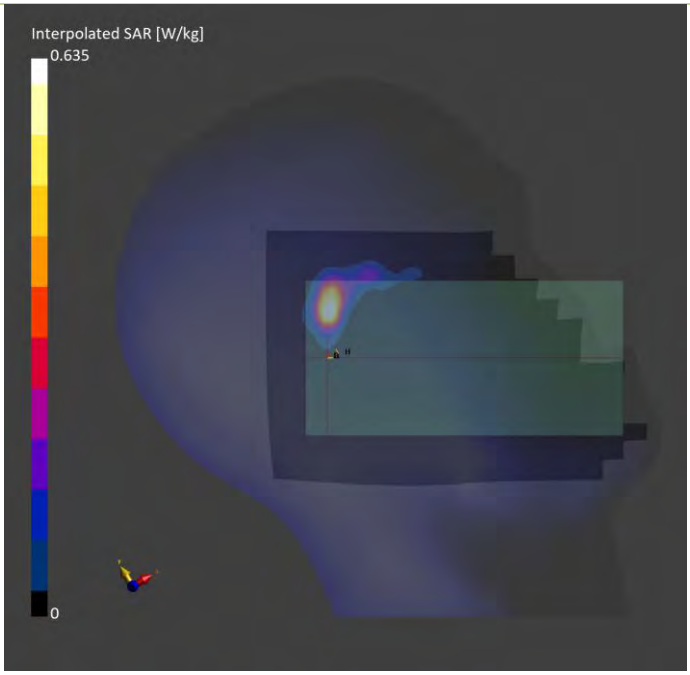
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.385	0.387
psSAR10g [W/kg]	0.106	0.087
Power Drift [dB]	0.07	-0.08
M2/M1 [%]		60.7
Dist 3dB Peak [mm]		4.1



Plots of Measurement

Measurement Report
P14 WLAN5.6G_802.11ac VHT80_Left Cheek_Ch106_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	Left Cheek, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5530.000, 106	4.83	4.81	35.1

Hardware Setup

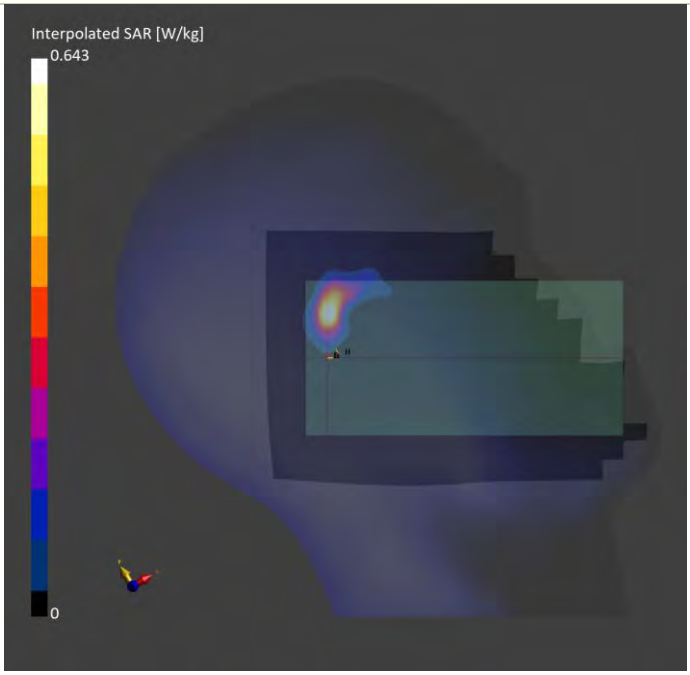
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.381	0.368
psSAR10g [W/kg]	0.106	0.081
Power Drift [dB]	0.22	0.13
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		4.7



Plots of Measurement

Measurement Report
P15 WLAN5.8G_802.11ac VHT80_Left Cheek_Ch155_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	Left Cheek, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.78	5.09	34.7

Hardware Setup

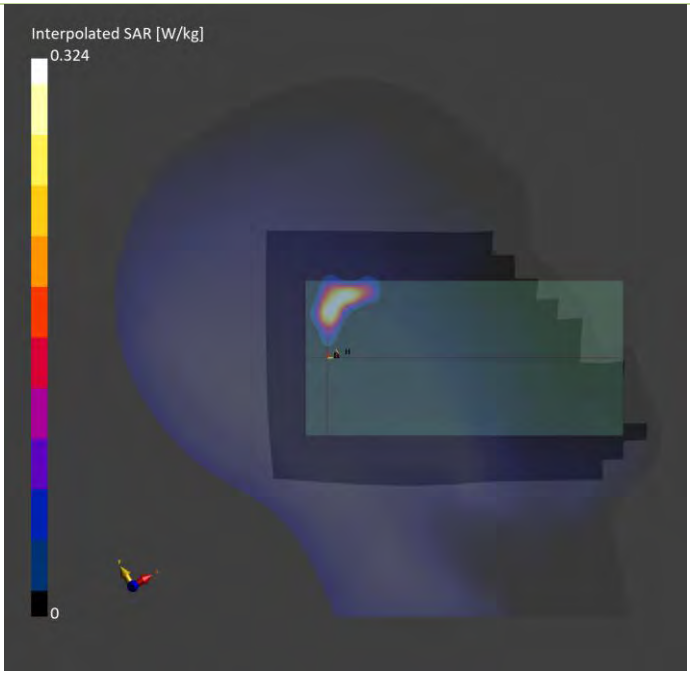
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-10	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.207	0.186
psSAR10g [W/kg]	0.057	0.035
Power Drift [dB]	0.11	-0.02
M2/M1 [%]		58.3
Dist 3dB Peak [mm]		5.4



Plots of Measurement

Measurement Report
P16 BT_BDR_Left Cheek_Ch78_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead,	Left Cheek, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	6.87	1.84	39.7

Hardware Setup

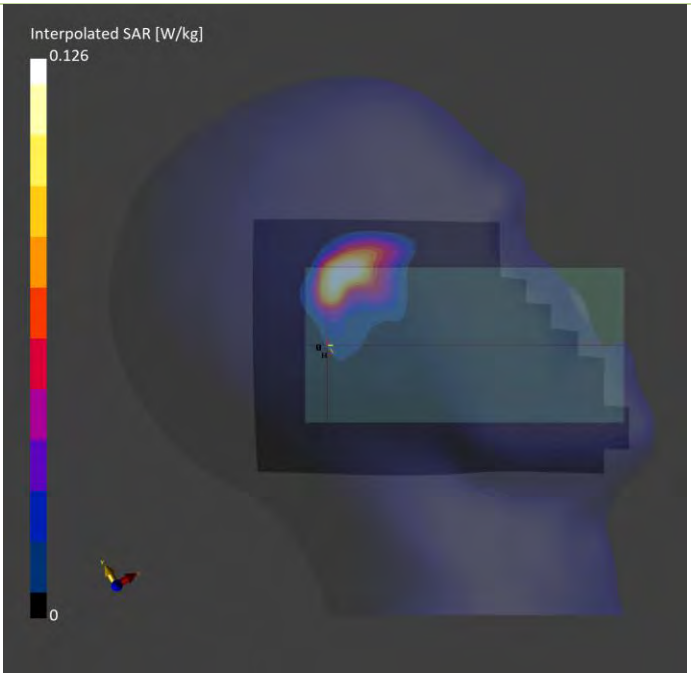
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.095	0.108
psSAR10g [W/kg]	0.046	0.046
Power Drift [dB]	0.07	0.12
M2/M1 [%]		44.4
Dist 3dB Peak [mm]		6.5



Plots of Measurement

Measurement Report
P17 GSM850_GPRS10_Bottom Side_10mm Ch251_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	GSM 850	GSM, 10024-DAC	848.800, 251	9.68	0.949	43.2

Hardware Setup

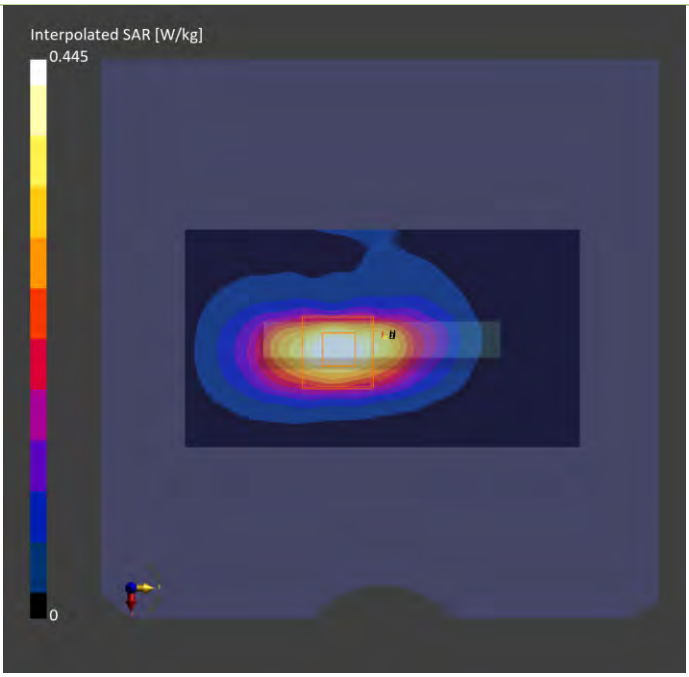
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.372	0.395
psSAR10g [W/kg]	0.216	0.200
Power Drift [dB]	-0.02	0.02
M2/M1 [%]		51.0
Dist 3dB Peak [mm]		8.1



Measurement Report
P18 GSM1900_GPRS12_Bottom Side_10mm Ch810_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	PCS 1900	GSM, 10028-DAC	1909.800, 810	7.89	1.47	40.4

Hardware Setup

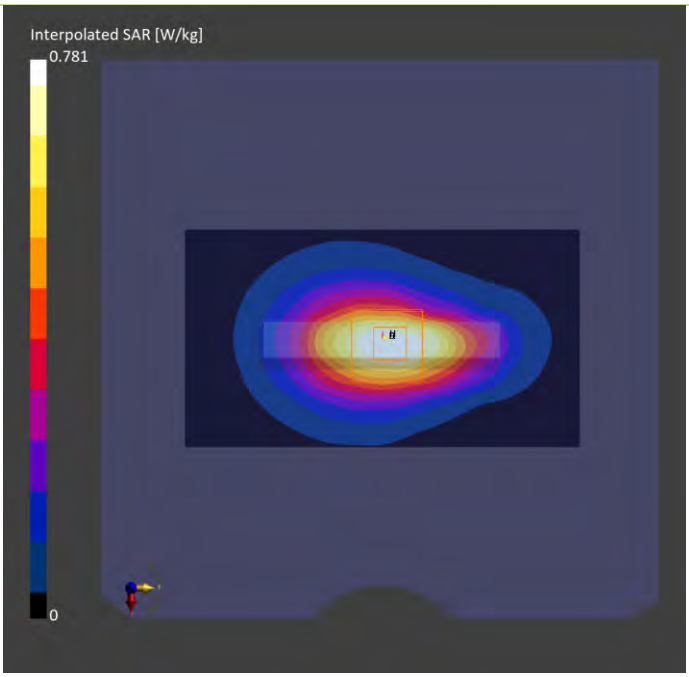
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.639	0.668
psSAR10g [W/kg]	0.353	0.376
Power Drift [dB]	-0.02	-0.08
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		12.8



Plots of Measurement

Measurement Report
P19 WCDMA II_RMC12.2K_Bottom Side_10mm Ch9538_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 2	WCDMA, 10011-CAC	1907.600, 9538	7.89	1.47	40.4

Hardware Setup

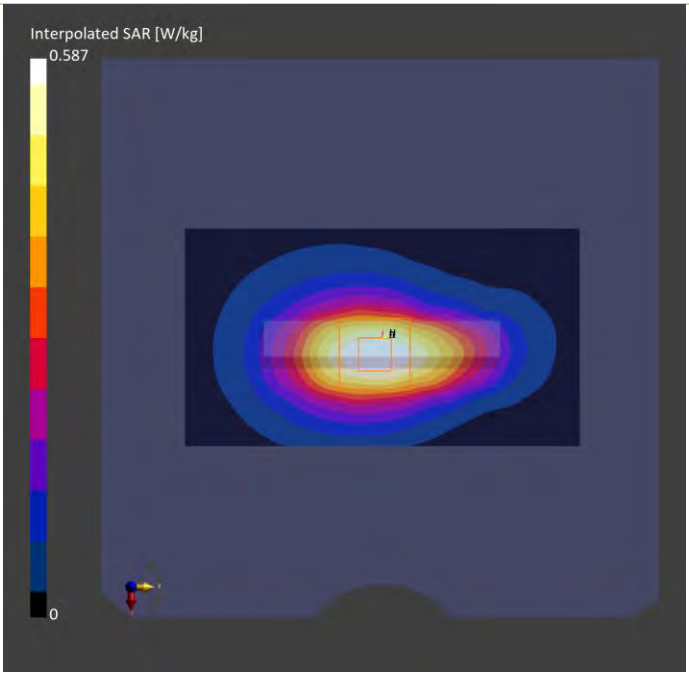
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.486	0.521
psSAR10g [W/kg]	0.278	0.296
Power Drift [dB]	-0.04	0.02
M2/M1 [%]		59.6
Dist 3dB Peak [mm]		12.8



Plots of Measurement

Measurement Report
P20 WCDMA V_RMC12.2K_Bottom Side_10mm Ch4233_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 5	WCDMA, 10011-CAC	846.600, 4233	9.68	0.948	43.2

Hardware Setup

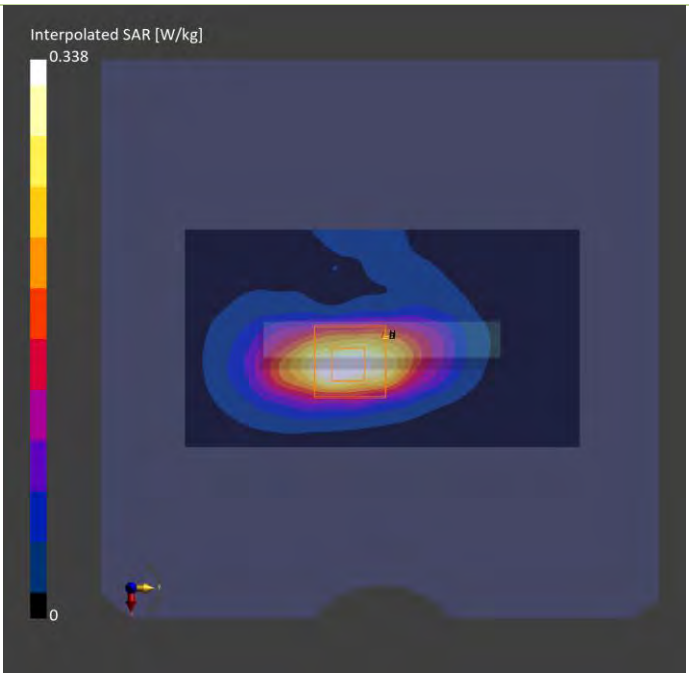
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.283	0.297
psSAR10g [W/kg]	0.163	0.153
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		53.3
Dist 3dB Peak [mm]		8.9



Measurement Report
P21 LTE2_QPSK20M_Bottom Side_10mm Ch19100_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 2	LTE-FDD, 10169-CAF	1900.000, 19100	7.89	1.47	40.4

Hardware Setup

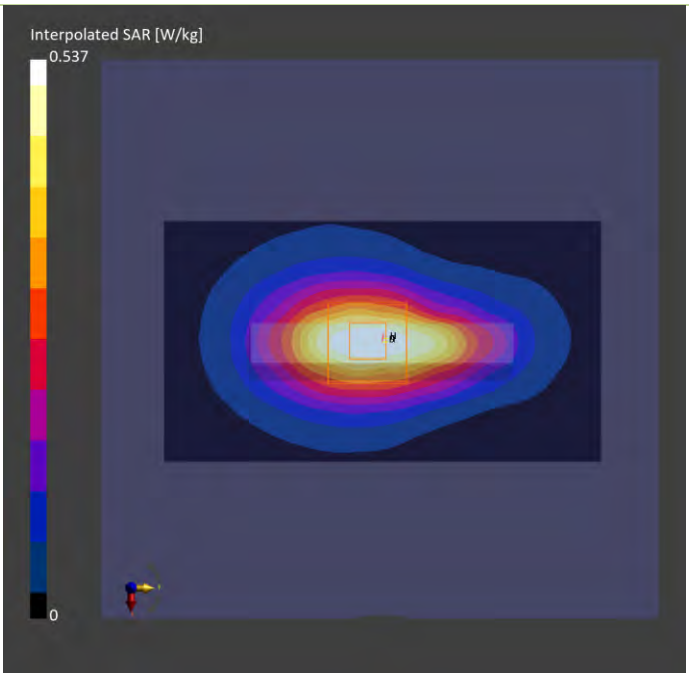
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H14T19N4 , 2025-07-10	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-10	2025-07-10
psSAR1g [W/kg]	0.438	0.450
psSAR10g [W/kg]	0.242	0.255
Power Drift [dB]	0.05	-0.02
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		12.8



Measurement Report
P22 LTE5_QPSK10M_Bottom Side_10mm Ch20600_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 5	LTE-FDD, 10175-CAH	844.000, 20600	9.68	0.946	43.2

Hardware Setup

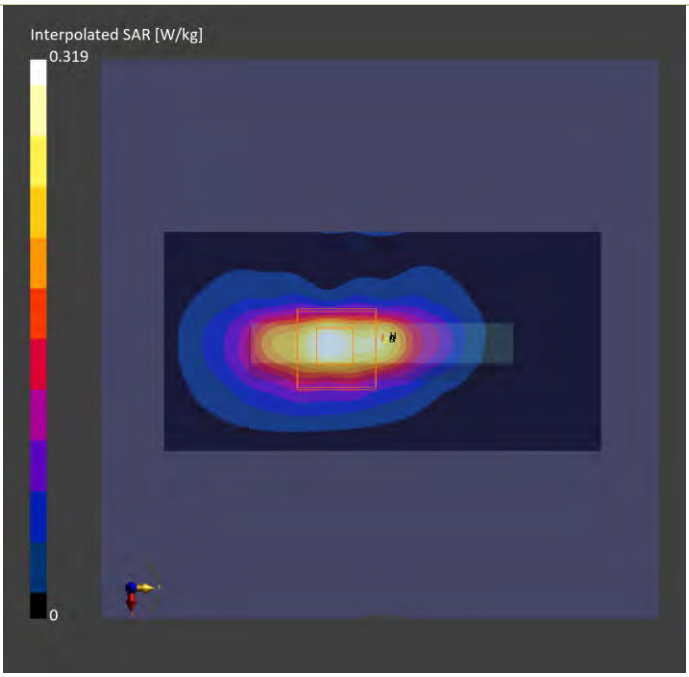
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-08	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 105.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-08	2025-07-08
psSAR1g [W/kg]	0.260	0.261
psSAR10g [W/kg]	0.142	0.132
Power Drift [dB]	0.01	0.02
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		8.1



Measurement Report
P23 LTE7_QPSK20M_Bottom Side_10mm Ch21350_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 7	LTE-FDD, 10169-CAF	2560.000, 21350	7.4	1.90	39.8

Hardware Setup

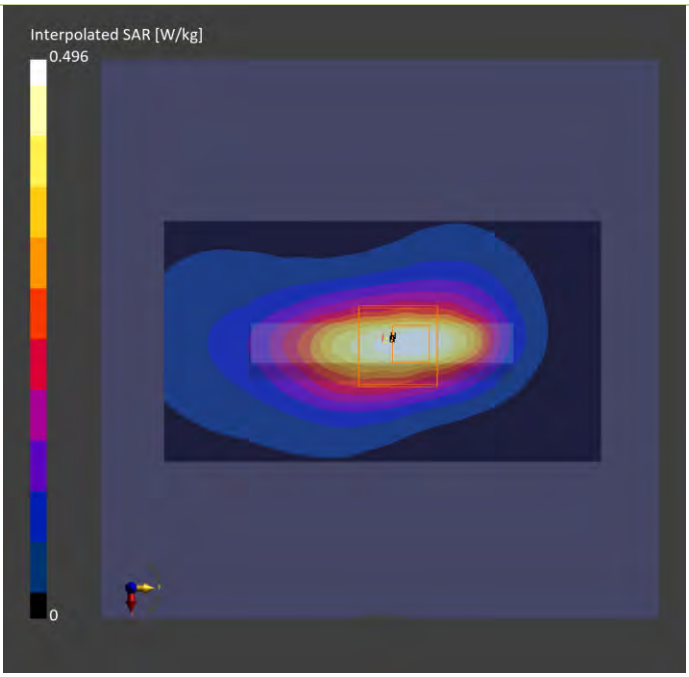
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 108.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.379	0.387
psSAR10g [W/kg]	0.186	0.193
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		49.9
Dist 3dB Peak [mm]		9.3



Measurement Report
P24 LTE12_QPSK10M_Right Side_10mm_Ch23130_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 10.00	Band 12	LTE-FDD, 10175-CAH	711.000, 23130	10.22	0.877	43.5

Hardware Setup

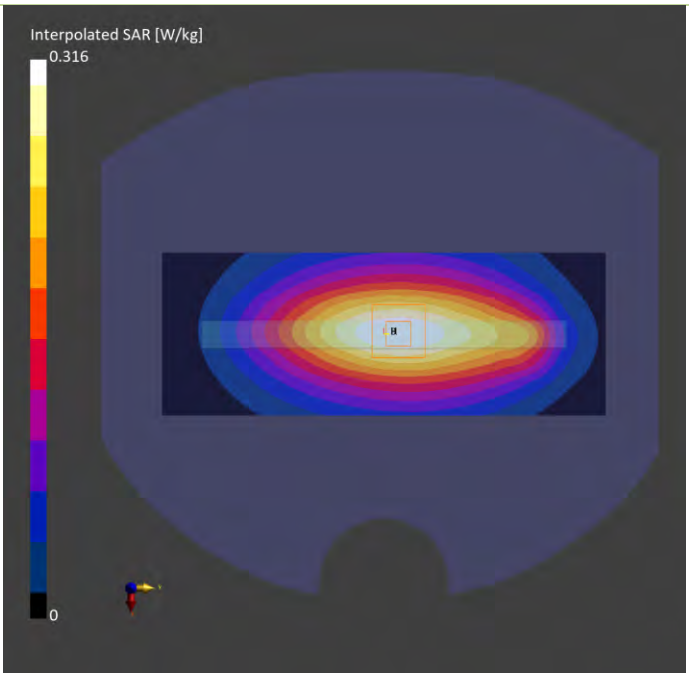
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 165.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.276	0.284
psSAR10g [W/kg]	0.188	0.194
Power Drift [dB]	0.01	0.01
M2/M1 [%]		67.0
Dist 3dB Peak [mm]		> 16.0



Plots of Measurement

Measurement Report
P25 LTE17_QPSK10M_Right Side_10mm_Ch23800_1RB OS0_Ant Status_Ant2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 10.00	Band 17	LTE-FDD, 10175-CAH	711.000, 23800	10.22	0.877	43.5

Hardware Setup

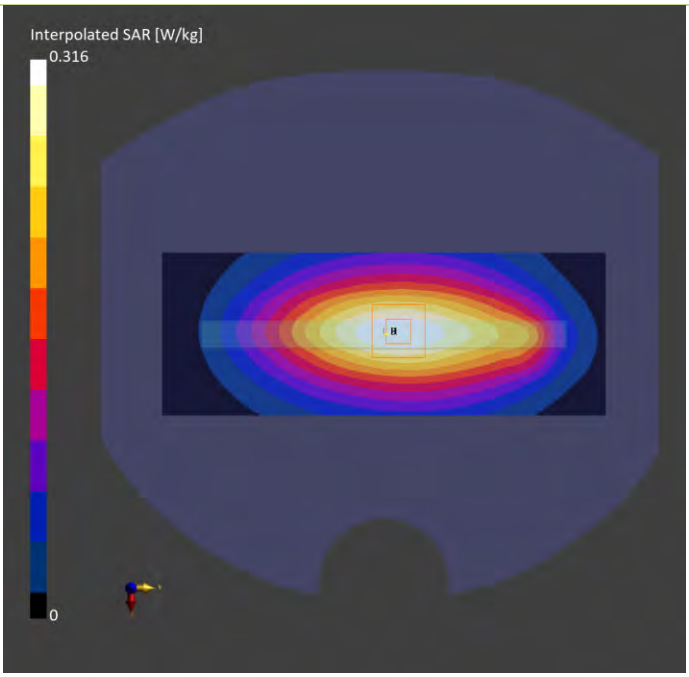
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H06T09N4 , 2025-07-09	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 165.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.276	0.284
psSAR10g [W/kg]	0.187	0.194
Power Drift [dB]	0.02	0.05
M2/M1 [%]		67.2
Dist 3dB Peak [mm]		> 16.0



Plots of Measurement

Measurement Report
P26 LTE38_QPSK20M_Bottom Side_10mm_Ch38150_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 38	LTE-TDD, 10172-CAH	2610.000, 38150	7.4	1.94	39.7

Hardware Setup

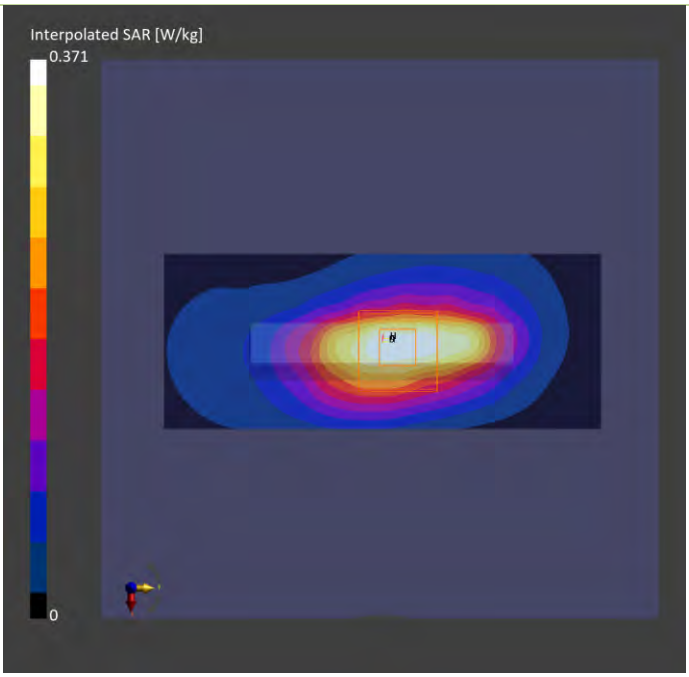
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 108.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.293	0.300
psSAR10g [W/kg]	0.146	0.151
Power Drift [dB]	0.01	-0.04
M2/M1 [%]		51.7
Dist 3dB Peak [mm]		11.0



Plots of Measurement

Measurement Report
P27 LTE41_QPSK20M_Bottom Side_10mm_Ch40620_1RB OS0_Ant Status_Ant1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom Side, 10.00	Band 41	LTE-TDD, 10172-CAH	2593.000, 40620	7.4	1.93	39.7

Hardware Setup

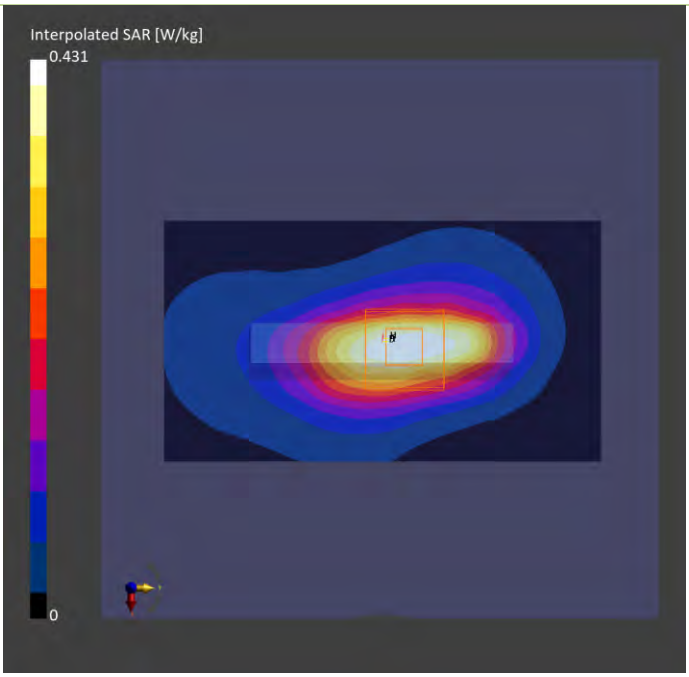
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H19T27N4 , 2025-07-11	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1761, 2024-09-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 108.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-11	2025-07-11
psSAR1g [W/kg]	0.338	0.354
psSAR10g [W/kg]	0.171	0.179
Power Drift [dB]	0.01	-0.02
M2/M1 [%]		49.5
Dist 3dB Peak [mm]		9.3



Plots of Measurement

Measurement Report
P28 WLAN2.4G_802.11b_Right Side_10mm_Ch6_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Right Side, 10.00	WLAN 2.4GHz	WLAN, 10012-CAB	2437.000, 6	6.87	1.81	39.7

Hardware Setup

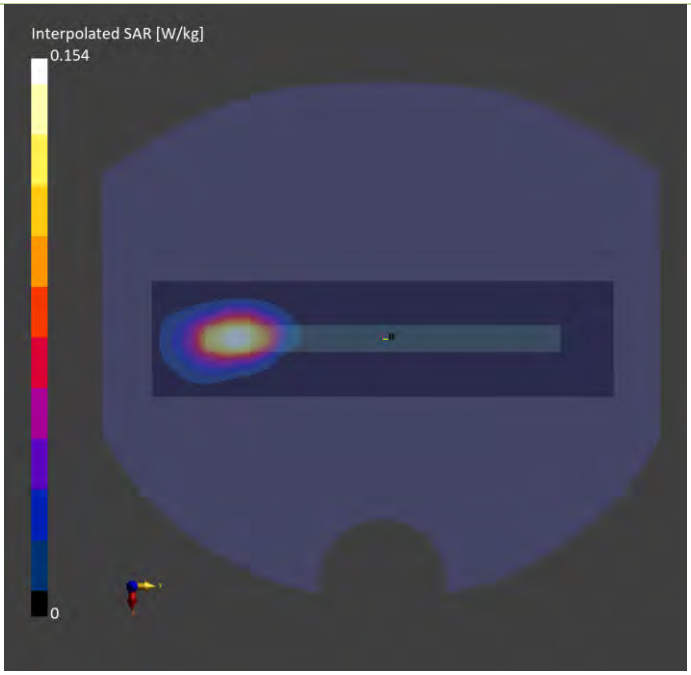
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.116	0.116
psSAR10g [W/kg]	0.051	0.050
Power Drift [dB]	0.01	-0.01
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		8.6



Measurement Report
P29 WLAN5.3G_802.11ac VHT80_Front Face_10mm_Ch58_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Front Face, 10.00	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	5.27	4.62	36.7

Hardware Setup

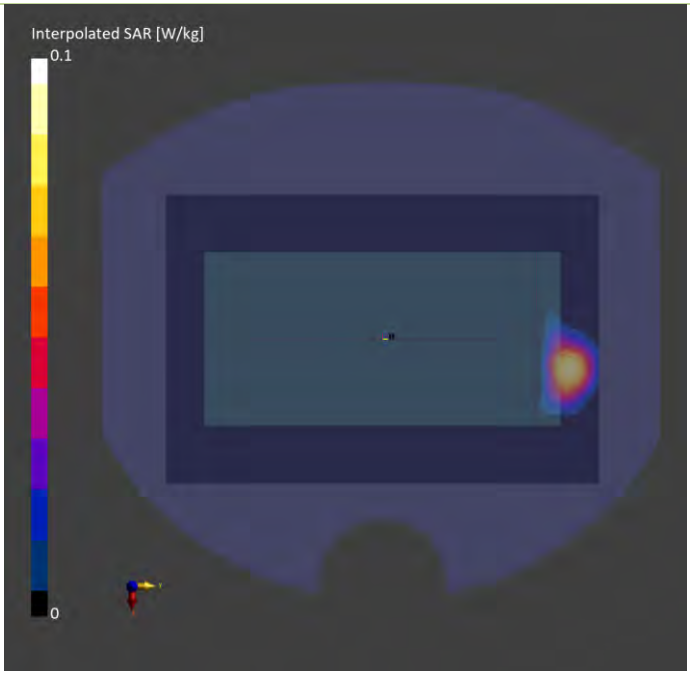
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.059	0.053
psSAR10g [W/kg]	0.019	0.004
Power Drift [dB]	0.19	-0.12
M2/M1 [%]		59.6
Dist 3dB Peak [mm]		7.6



Plots of Measurement

Measurement Report
P30 WLAN5.6G_802.11ac VHT80_Front Face_10mm_Ch106_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Front Face, 10.00	WLAN 5GHz	WLAN, 10544-AAD	5530.000, 106	4.83	4.88	36.3

Hardware Setup

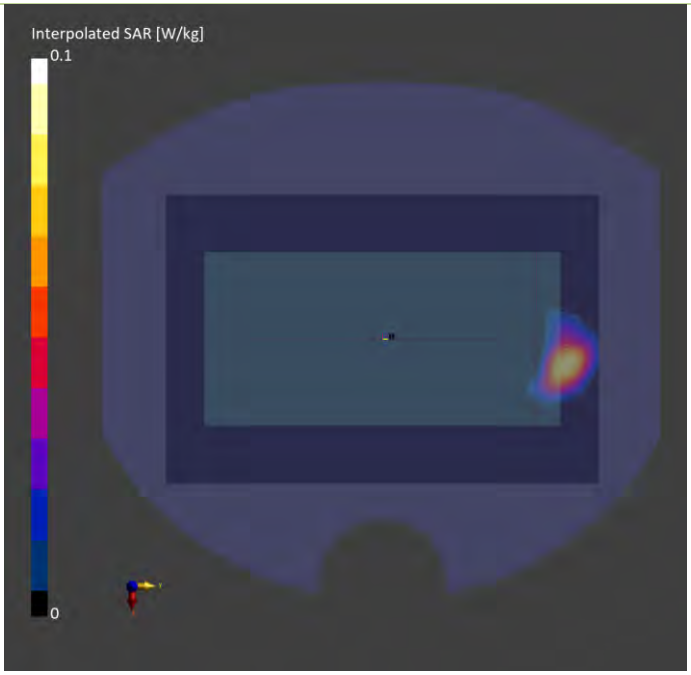
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.058	0.047
psSAR10g [W/kg]	0.018	0
Power Drift [dB]	0.01	0.13
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		7.4



Plots of Measurement

Measurement Report
P31 WLAN5.8G_802.11ac VHT80_Front Face_10mm_Ch155_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Front Face, 10.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.78	5.15	35.9

Hardware Setup

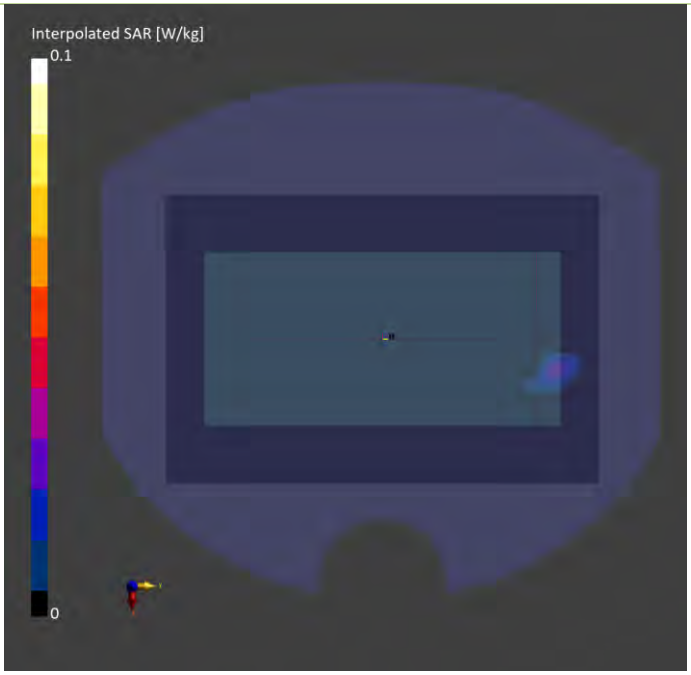
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.021	0.01
psSAR10g [W/kg]	0.004	0
Power Drift [dB]	0.09	0.15
M2/M1 [%]		44.6
Dist 3dB Peak [mm]		4.3



Plots of Measurement

Measurement Report
P32 BT_BDR_Front Face_10mm_Ch0_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Front Face, 10.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	6.87	1.79	39.8

Hardware Setup

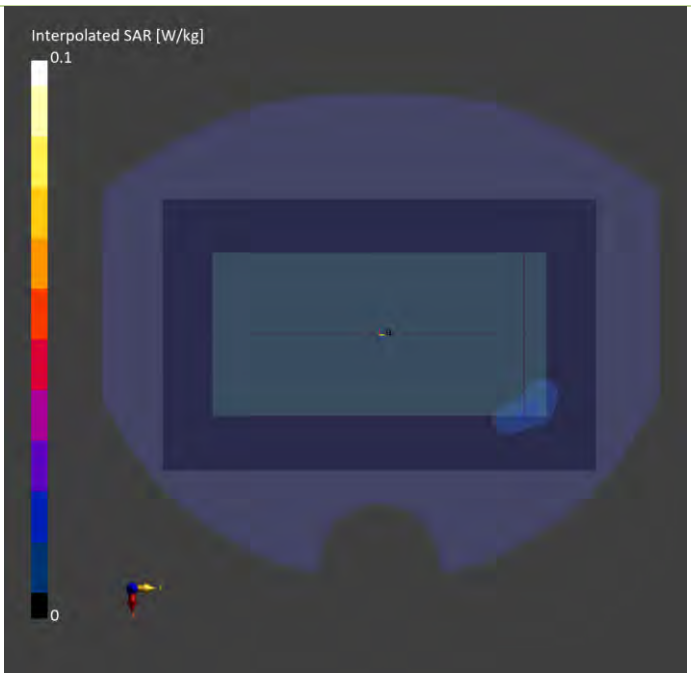
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H19T27N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.014	0.011
psSAR10g [W/kg]	0.006	0.002
Power Drift [dB]	-0.04	0.15
M2/M1 [%]		40.2
Dist 3dB Peak [mm]		5.1



Measurement Report
P34 WLAN5.3G_802.11ac VHT80_Top Side_0mm_Ch58_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Top Side, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	5.27	4.62	36.7

Hardware Setup

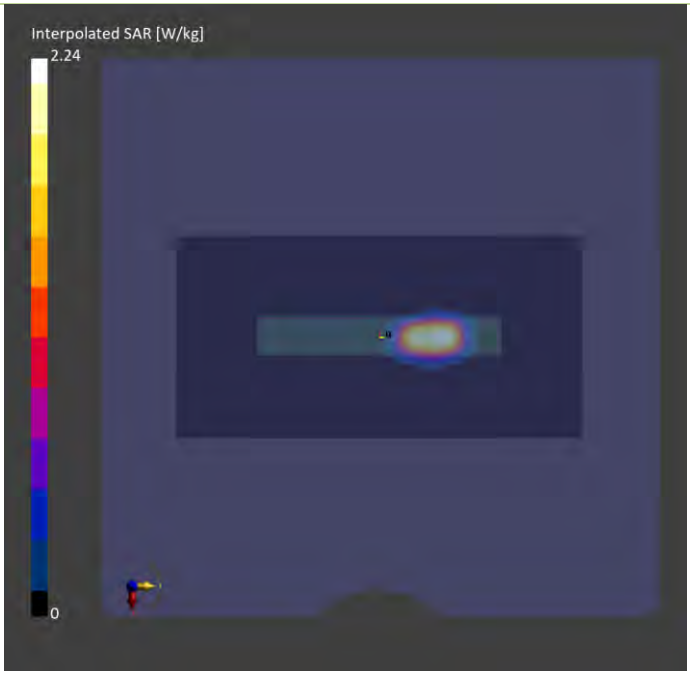
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	1.37	1.73
psSAR10g [W/kg]	0.302	0.306
Power Drift [dB]	0.08	-0.03
M2/M1 [%]		65.4
Dist 3dB Peak [mm]		4.4



Plots of Measurement

Measurement Report
P35 WLAN5.6G_802.11ac VHT80_Top Side_0mm_Ch106_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Top Side, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5530.000, 106	4.83	4.88	36.3

Hardware Setup

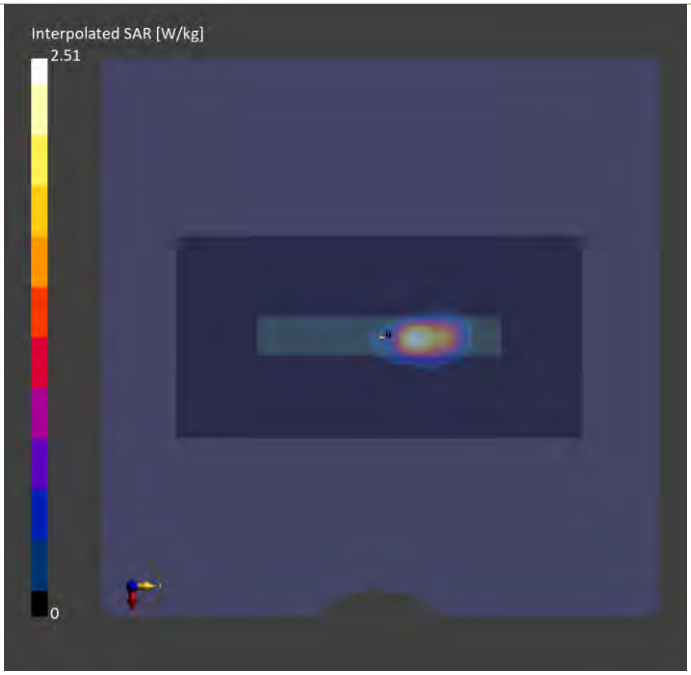
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	1.38	1.74
psSAR10g [W/kg]	0.295	0.289
Power Drift [dB]	0.02	0.04
M2/M1 [%]		63.6
Dist 3dB Peak [mm]		4.7



Plots of Measurement

Measurement Report
P36 WLAN5.8G_802.11ac VHT80_Top Side_0mm_Ch155_Ant 7
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Top Side, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.78	5.15	35.9

Hardware Setup

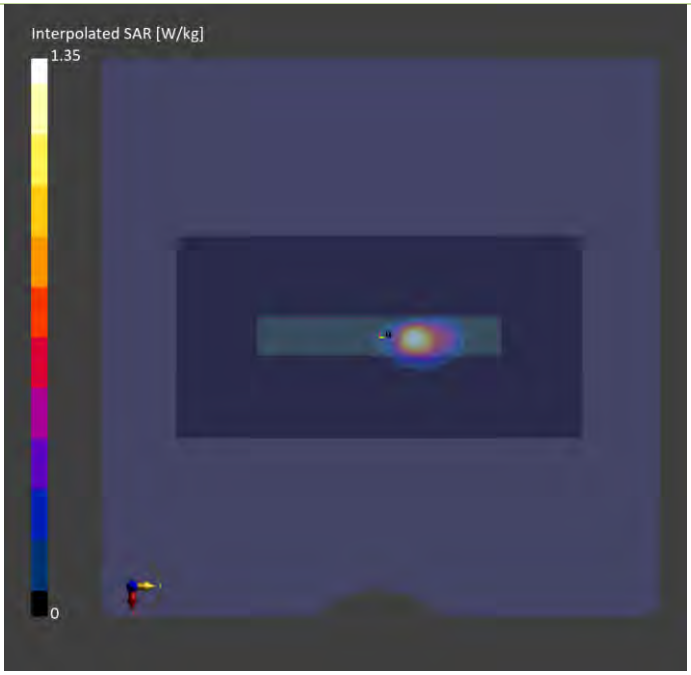
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2122	H50T60N9 , 2025-07-09	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	2025-07-09
psSAR1g [W/kg]	0.687	0.808
psSAR10g [W/kg]	0.133	0.126
Power Drift [dB]	0.07	-0.01
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		4.6



Plots of Measurement

Measurement Report
P33 NFC_NFC_Rear Face_0mm_13.56Mhz
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25060179,	148.0 x 72.0 x 11.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	BACK, 0.00	Custom Band	CW, 0--	13.600, 13600	15.75	0.727	55.8

Hardware Setup

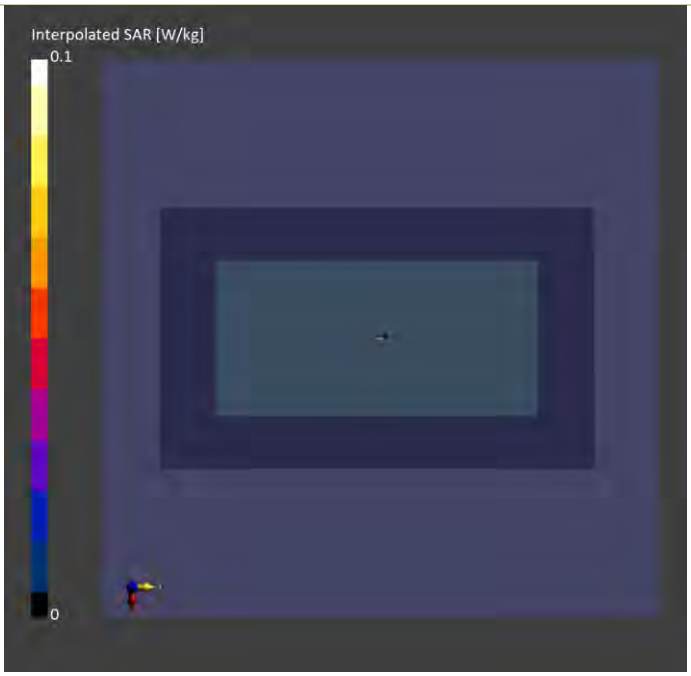
Phantom		TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) -	2188	250MHz, 2025-07-09	EX3DV4 - SN7797, 2024-11-20	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 180.0	
Grid Steps [mm]	10.0 x 10.0	
Sensor Surface [mm]	3.0	

Measurement Results

	Area Scan	Zoom Scan
Date	2025-07-09	
psSAR1g [W/kg]	0	
psSAR10g [W/kg]	0	
Power Drift [dB]	0	
M2/M1 [%]		
Dist 3dB Peak [mm]		



Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within ±10 % of the target values. Liquid temperature during the SAR testing has kept within ±2 ℃.

2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.

3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.

Tissue Verification									Validation for CW			Validation for Modulation				System Check					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ)	Deviation Permittivity (εr)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dBm)
S01	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S02	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S03	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S04	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S05	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S06	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S07	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S08	750	22.3	0.892	43.4	0.9	42	-0.89	3.33	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 09, 2025	750	8.36	0.432	8.62	3.10	1013	7554	1761	17
S09	750	22.3	0.892	43.4	0.9	42	-0.89	3.33	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 09, 2025	750	8.36	0.432	8.62	3.10	1013	7554	1761	17
S10	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S11	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S12	2450	22.7	1.82	39.7	1.8	39.2	1.11	1.28	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	2450	52.90	2.58	51.48	-2.69	737	7736	1589	17
S13	5250	22.7	4.51	35.6	4.71	35.9	-4.25	-0.84	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 10, 2025	5250	78.30	3.76	75.02	-4.19	1019	7736	1589	17
S14	5600	22.7	4.89	35	5.07	35.5	-3.55	-1.41	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 10, 2025	5600	80.80	4.32	86.20	6.68	1019	7736	1589	17
S15	5800	22.7	5.12	34.7	5.27	35.3	-2.85	-1.70	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 10, 2025	5800	78.80	4.32	86.20	9.38	1019	7736	1589	17
S16	2450	22.7	1.82	39.7	1.8	39.2	1.11	1.28	Pass	Pass	Pass	GFSK	N/A	Pass	Jul. 09, 2025	2450	52.90	2.58	51.48	-2.69	737	7736	1589	17
S17	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S18	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S19	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S20	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S21	1900	22.4	1.47	40.4	1.4	40	5.00	1.00	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 10, 2025	1900	39.60	1.97	39.31	-0.74	5d036	7554	1761	17
S22	835	22.6	0.942	43.3	0.9	41.5	4.67	4.34	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 08, 2025	835	9.44	0.495	9.88	4.62	4d121	7554	1761	17
S23	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S24	750	22.3	0.892	43.4	0.9	42	-0.89	3.33	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 09, 2025	750	8.36	0.432	8.62	3.10	1013	7554	1761	17
S25	750	22.3	0.892	43.4	0.9	42	-0.89	3.33	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 09, 2025	750	8.36	0.432	8.62	3.10	1013	7554	1761	17
S26	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S27	2600	22.8	1.93	39.7	1.96	39	-1.53	1.79	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 11, 2025	2600	55.70	2.69	53.67	-3.64	1020	7554	1761	17
S28	2450	22.7	1.82	39.7	1.8	39.2	1.11	1.28	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	2450	52.90	2.58	51.48	-2.69	737	7736	1589	17
S29	5250	22.7	4.59	36.7	4.71	35.9	-2.55	2.23	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5250	78.30	3.89	77.62	-0.87	1019	7736	1589	17
S30	5600	22.7	4.95	36.2	5.07	35.5	-2.37	1.97	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5600	80.80	4.02	80.21	-0.73	1019	7736	1589	17
S31	5800	22.7	5.18	35.9	5.27	35.3	-1.71	1.70	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5800	78.80	4.03	80.41	2.04	1019	7736	1589	17
S32	2450	22.7	1.82	39.7	1.8	39.2	1.11	1.28	Pass	Pass	Pass	GFSK	N/A	Pass	Jul. 09, 2025	2450	52.90	2.58	51.48	-2.69	737	7736	1589	17

Tissue Verification									Validation for CW			Validation for Modulation				System Check					Note			
Plot No.	Frequency (MHz)	Liquid Temp. (℃)	Conductivity (σ)	Permittivity (εr)	Targeted Conductivity (σ)	Targeted Permittivity (εr)	Deviation Conductivity (σ)	Deviation Permittivity (εr)	Sensitivity Range	Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 10g SAR (W/kg)	Measured 10g SAR (W/kg)	Normalized 10g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dBm)
S34	5250	22.7	4.59	36.7	4.71	35.9	-2.55	2.23	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5250	22.40	1.12	22.35	-0.24	1019	7736	1589	17
S35	5600	22.7	4.95	36.2	5.07	35.5	-2.37	1.97	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5600	23.20	1.16	23.15	-0.24	1019	7736	1589	17
S36	5800	22.7	5.18	35.9	5.27	35.3	-1.71	1.70	Pass	Pass	Pass	OFDM	N/A	Pass	Jul. 09, 2025	5800	22.50	1.15	22.95	1.98	1019	7736	1589	17
S33	13	22.7	0.727	55.5	0.75	55	-3.07	0.91	Pass	Pass	Pass	N/A	N/A	N/A	Jul. 09, 2025	13	0.33	0.017	0.34	1.86	1018	7797	1589	17

Appendix D. Maximum Target Conducted Power

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

GSM Max. Tune-up Power (Full)				
Mode	GSM850_Ant 2	GSM850_Ant 2	GSM1900_Ant 1	GSM1900_Ant 1
	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power	Maximum Burst-Averaged Output Power	Maximum Frame-Averaged Output Power
	Maximum Target Power	Maximum Target Power	Maximum Target Power	Maximum Target Power
GSM (GMSK, 1Tx-slot)	32.0	23.0	30.2	21.2
GPRS (GMSK, 1Tx-slot)	32.0	23.0	30.2	21.2
GPRS (GMSK, 2Tx-slot)	29.0	23.0	27.5	21.5
GPRS (GMSK, 3Tx-slot)	26.3	23.0	25.7	21.5
GPRS (GMSK, 4Tx-slot)	26.0	23.0	24.5	21.5

WCDMA Max. Tune-up Power (Full)		
Mode	RMC 12.2K	HSDPA HSUPA
	Maximum Target Power	Maximum Target Power
WCDMA Band II_Ant 1	20.0	19.0
WCDMA Band V_Ant 2	22.3	21.3

LTE Max. Tune-up Power (Full)			
Mode	QPSK	16QAM	64QAM
	Maximum Target Power	Maximum Target Power	Maximum Target Power
LTE 2_Ant 1	20.0	20.0	20.0
LTE 5_Ant 2	22.3	22.3	22.3
LTE 7_Ant 1	22.3	22.3	22.3
LTE 12_Ant 2	24.0	23.0	22.0
LTE 17_Ant 2	24.0	23.0	22.0
LTE 38_Ant 1	23.0	22.0	21.0
LTE 41_Ant 1	23.0	23.0	23.0

Tune-up Power (Full)			
WLAN 2.4GHz			
Mode	Channel	Frequency	SISO Ant 7 Max Tune up
802.11b	1	2412	14.0
	6	2437	14.0
	11	2462	14.0
802.11g	1	2412	14.0
	6	2437	14.0
	11	2462	14.0
802.11n HT20	1	2412	14.0
	6	2437	14.0
	11	2462	14.0
802.11n HT40	3	2422	14.0
	6	2437	14.0
	9	2452	14.0
802.11ac VHT20	1	2412	14.0
	6	2437	14.0
	11	2462	14.0
802.11ac VHT40	3	2422	14.0
	6	2437	14.0
	9	2452	14.0
802.11ax HE20	1	2412	14.0
	6	2437	14.0
	11	2462	14.0
802.11ax HE40	3	2422	14.0
	6	2437	14.0
	9	2452	14.0

Tune-up Power (Full)			
Bluetooth			
Mode	Channel	Frequency	Ant 7 Max Tune-up
BR / EDR	0	2402	12.5
	39	2441	12.5
	78	2480	12.5
LE	0	2402	9.0
	19	2440	9.0
	39	2480	9.0

Tune-up Power (Full)			
WLAN 5.2GHz			
Mode	Channel	Frequency	SISO Ant 7 Max Tune up
802.11a	36	5180	11.0
	40	5200	11.0
	44	5220	11.0
	48	5240	11.0
802.11n HT20	36	5180	11.0
	40	5200	11.0
	44	5220	11.0
	48	5240	11.0
802.11n HT40	38	5190	11.0
	46	5230	11.0
802.11ac VHT20	36	5180	11.0
	40	5200	11.0
	44	5220	11.0
	48	5240	11.0
802.11ac VHT40	38	5190	11.0
	46	5230	11.0
802.11ac VHT80	42	5210	11.0
802.11ax HE20	36	5180	11.0
	40	5200	11.0
	44	5220	11.0
	48	5240	11.0
802.11ax HE40	38	5190	11.0
	46	5230	11.0
802.11ax HE80	42	5210	11.0

Tune-up Power (Full)			
WLAN 5.3GHz			
Mode	Channel	Frequency	SISO Ant 7 Max Tune up
802.11a	52	5260	11.0
	56	5280	11.0
	60	5300	11.0
	64	5320	11.0
802.11n HT20	52	5260	11.0
	56	5280	11.0
	60	5300	11.0
	64	5320	11.0
802.11n HT40	54	5270	11.0
	62	5310	11.0
802.11ac VHT20	52	5260	11.0
	56	5280	11.0
	60	5300	11.0
	64	5320	11.0
802.11ac VHT40	54	5270	11.0
	62	5310	11.0
802.11ac VHT80	58	5290	11.0
802.11ax HE20	52	5260	11.0
	56	5280	11.0
	60	5300	11.0
	64	5320	11.0
802.11ax HE40	54	5270	11.0
	62	5310	11.0
802.11ax HE80	58	5290	11.0

Tune-up Power (Full)			
WLAN 5.6GHz			
Mode	Channel	Frequency	SISO Ant 7 Max Tune up
802.11a	100	5500	9.0
	116	5580	9.0
	120	5600	9.0
	124	5620	9.0
	132	5660	9.0
	140	5700	9.0
	144	5720	9.0
802.11n HT20	100	5500	9.0
	116	5580	9.0
	120	5600	9.0
	124	5620	9.0
	132	5660	9.0
	140	5700	9.0
	144	5720	9.0
802.11n HT40	102	5510	9.0
	110	5550	9.0
	118	5590	9.0
	126	5630	9.0
	134	5670	9.0
	142	5710	9.0
802.11ac VHT20	100	5500	9.0
	116	5580	9.0
	120	5600	9.0
	124	5620	9.0
	132	5660	9.0
	140	5700	9.0
	144	5720	9.0
802.11ac VHT40	102	5510	9.0
	110	5550	9.0
	118	5590	9.0
	126	5630	9.0
	134	5670	9.0
	142	5710	9.0
802.11ac VHT80	106	5530	9.0
	122	5610	9.0
	138	5690	9.0
802.11ax HE20	100	5500	9.0
	116	5580	9.0
	120	5600	9.0
	124	5620	9.0
	132	5660	9.0
	140	5700	9.0
	144	5720	9.0
802.11ax HE40	102	5510	9.0
	110	5550	9.0
	118	5590	9.0
	126	5630	9.0
	134	5670	9.0
	142	5710	9.0
802.11ax HE80	106	5530	9.0
	122	5610	9.0
	138	5690	9.0

Tune-up Power (Full)			
WLAN 5.8GHz			
Mode	Channel	Frequency	SISO Ant 7 Max Tune up
802.11a	149	5745	9.0
	153	5765	9.0
	157	5785	9.0
	161	5805	9.0
	165	5825	9.0
802.11n HT20	149	5745	9.0
	153	5765	9.0
	157	5785	9.0
	161	5805	9.0
	165	5825	9.0
802.11n HT40	151	5755	9.0
	159	5795	9.0
802.11ac VHT20	149	5745	9.0
	153	5765	9.0
	157	5785	9.0
	161	5805	9.0
	165	5825	9.0
802.11ac VHT40	151	5755	9.0
	159	5795	9.0
802.11ac VHT80	155	5775	9.0
802.11ax HE20	149	5745	9.0
	153	5765	9.0
	157	5785	9.0
	161	5805	9.0
	165	5825	9.0
802.11ax HE40	151	5755	9.0
	159	5795	9.0
802.11ax HE80	155	5775	9.0

Appendix E. Measured Conducted Power Result

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

GSM Conducted Power (Full)						
Band	GSM850_Ant 2			GSM1900_Ant 1		
Channel	128	189	251	512	661	810
Frequency	824.2	836.4	848.8	1850.2	1880	1909.8
GSM	31.11	31.22	31.25	29.75	29.32	29.41
GPRS 1Tx Slot	31.09	31.19	31.23	29.72	29.29	29.38
GPRS 2Tx Slot	28.63	28.71	28.74	27.39	26.96	27.13
GPRS 3Tx Slot	26.09	26.22	26.23	25.65	25.42	25.54
GPRS 4Tx Slot	25.19	25.26	25.29	24.47	24.14	24.23

WCDMA Conducted Power (Full)						
Band	WCDMA II			WCDMA V		
TX Channel	9262	9400	9538	4132	4182	4233
Rx Channel	9662	9800	9938	4357	4407	4458
Frequency	1852.4	1880	1907.6	826.4	836.4	846.6
RMC 12.2K	19.58	19.51	19.49	22.21	22.23	22.18
HSDPA Subtest-1	18.65	18.59	18.61	21.11	21.13	21.06
HSDPA Subtest-2	18.63	18.57	18.59	21.09	21.11	21.03
HSDPA Subtest-3	18.11	18.09	18.07	20.62	20.65	20.45
HSDPA Subtest-4	18.33	18.03	18.11	20.59	20.63	20.42
HSUPA Subtest-1	18.77	18.63	18.63	20.45	20.49	20.43
HSUPA Subtest-2	16.88	16.71	16.67	18.32	18.37	18.23
HSUPA Subtest-3	17.78	17.67	17.62	19.46	19.58	19.37
HSUPA Subtest-4	16.71	16.69	16.63	18.25	18.33	18.18
HSUPA Subtest-5	18.72	18.68	18.71	20.47	20.51	20.41
HSPA+ Subtest-1	16.11	16.05	15.94	18.24	18.37	18.29

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		18700	18900	19100	
		Frequence (MHz)		1860	1880	1900	
20M	QPSK	1	0	19.23	19.16	19.11	0
		1	50	19.17	19.11	19.09	0
		1	99	19.16	19.03	19.02	0
		50	0	19.21	19.15	19.08	0
		50	25	19.16	19.05	19.03	0
		50	50	19.13	19.06	19.02	0
		100	0	19.19	19.16	19.09	0
20M	16QAM	1	0	19.21	19.08	19.05	0
		1	50	19.17	19.07	19.02	0
		1	99	19.14	19.05	19.01	0
		50	0	19.11	19.05	18.99	0
		50	25	19.07	18.97	18.97	0
		50	50	18.95	18.86	18.83	0
		100	0	18.96	18.83	18.81	0
20M	64QAM	1	0	19.19	19.13	19.11	0
		1	50	19.13	19.05	19.02	0
		1	99	19.07	19.03	19.01	0
		50	0	19.06	18.99	18.98	0
		50	25	19.03	18.93	18.91	0
		50	50	18.99	18.88	18.85	0
		100	0	19.01	18.97	18.93	0
BW	MCS Index	Channel		18675	18900	19125	3GPP MPR
		Frequence (MHz)		1857.5	1880	1902.5	
15M	QPSK	1	0	19.09	19.05	19.04	0
		1	37	19.12	19.04	18.97	0
		1	74	19.05	18.88	18.96	0
		36	0	19.11	19.02	18.97	0
		36	19	19.03	18.90	18.97	0
		36	39	19.05	18.97	18.88	0
		75	0	19.05	19.08	18.96	0
15M	16QAM	1	0	19.08	19.02	18.92	0
		1	37	19.10	18.98	18.93	0
		1	74	19.03	19.00	18.93	0
		36	0	19.04	18.97	18.88	0
		36	19	18.93	18.83	18.84	0
		36	39	18.88	18.78	18.73	0
		75	0	18.83	18.70	18.71	0
15M	64QAM	1	0	19.06	19.04	19.03	0
		1	37	19.06	18.94	18.95	0
		1	74	19.00	18.88	18.93	0
		36	0	18.97	18.91	18.92	0
		36	19	18.89	18.86	18.80	0
		36	39	18.94	18.76	18.79	0
		75	0	18.91	18.85	18.86	0

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	Channel		18650	18900	19150	3GPP MPR
		Frequence (MHz)		1855	1880	1905	
10M	QPSK	1	0	18.94	18.93	18.97	0
		1	24	18.99	19.02	18.85	0
		1	49	18.91	18.77	18.88	0
		25	0	19.10	18.98	18.94	0
		25	12	18.93	18.79	18.97	0
		25	25	18.97	18.85	18.83	0
		50	0	18.99	19.04	18.91	0
10M	16QAM	1	0	19.05	18.90	18.91	0
		1	24	19.06	18.89	18.83	0
		1	49	18.95	18.94	18.86	0
		25	0	18.94	18.82	18.81	0
		25	12	18.82	18.80	18.78	0
		25	25	18.88	18.64	18.60	0
		50	0	18.81	18.63	18.68	0
10M	64QAM	1	0	18.94	18.89	18.91	0
		1	24	19.06	18.87	18.82	0
		1	49	19.00	18.87	18.78	0
		25	0	18.85	18.85	18.79	0
		25	12	18.88	18.84	18.71	0
		25	25	18.94	18.65	18.77	0
		50	0	18.86	18.82	18.74	0
BW	MCS Index	Channel		18625	18900	19175	3GPP MPR
		Frequence (MHz)		1852.5	1880	1907.5	
5M	QPSK	1	0	18.98	18.90	18.89	0
		1	12	19.05	18.95	18.74	0
		1	24	19.02	18.79	18.74	0
		12	0	18.99	19.01	18.80	0
		12	6	19.02	18.76	18.92	0
		12	13	18.91	18.82	18.73	0
		25	0	18.91	19.05	18.84	0
5M	16QAM	1	0	18.94	18.87	18.89	0
		1	12	19.09	18.87	18.87	0
		1	24	18.94	18.94	18.89	0
		12	0	18.94	18.82	18.86	0
		12	6	18.87	18.71	18.84	0
		12	13	18.80	18.78	18.69	0
		25	0	18.77	18.65	18.60	0
5M	64QAM	1	0	18.97	18.99	18.97	0
		1	12	18.97	18.94	18.95	0
		1	24	18.93	18.78	18.83	0
		12	0	18.85	18.89	18.78	0
		12	6	18.79	18.76	18.66	0
		12	13	18.80	18.74	18.76	0
		25	0	18.85	18.72	18.77	0

LTE Conducted Power (Full)							
LTE Band 2							
BW	MCS Index	Channel		18615	18900	19185	3GPP MPR
		Frequence (MHz)		1851.5	1880	1908.5	
3M	QPSK	1	0	18.95	18.91	18.96	0
		1	7	19.10	18.93	18.89	0
		1	14	18.97	18.85	18.93	0
		8	0	19.00	18.97	18.95	0
		8	3	19.01	18.77	18.85	0
		8	7	19.00	18.95	18.78	0
		15	0	19.01	19.08	18.87	0
3M	16QAM	1	0	19.01	18.88	18.78	0
		1	7	19.00	18.97	18.90	0
		1	14	18.99	19.00	18.81	0
		8	0	18.99	18.96	18.85	0
		8	3	18.82	18.75	18.71	0
		8	7	18.74	18.78	18.66	0
		15	0	18.80	18.67	18.69	0
3M	64QAM	1	0	18.97	18.91	18.91	0
		1	7	18.93	18.84	18.91	0
		1	14	18.96	18.74	18.92	0
		8	0	18.93	18.81	18.83	0
		8	3	18.82	18.74	18.77	0
		8	7	18.82	18.64	18.69	0
		15	0	18.77	18.76	18.81	0
BW	MCS Index	Channel		18607	18900	19193	3GPP MPR
		Frequence (MHz)		1850.7	1880	1909.3	
1.4M	QPSK	1	0	18.97	19.05	19.03	0
		1	2	19.02	18.91	18.83	0
		1	5	19.01	18.75	18.86	0
		3	0	18.99	18.93	18.93	0
		3	1	18.94	18.84	18.95	0
		3	3	18.98	18.85	18.75	0
		6	0	18.91	18.95	18.87	0
1.4M	16QAM	1	0	19.06	18.92	18.84	0
		1	2	19.03	18.94	18.90	0
		1	5	18.93	18.90	18.82	0
		3	0	18.90	18.87	18.76	0
		3	1	18.80	18.75	18.74	0
		3	3	18.76	18.70	18.67	0
		6	0	18.82	18.69	18.58	0
1.4M	64QAM	1	0	18.94	18.89	18.90	0
		1	2	19.03	18.87	18.93	0
		1	5	18.96	18.76	18.79	0
		3	0	18.88	18.85	18.92	0
		3	1	18.82	18.83	18.70	0
		3	3	18.88	18.62	18.68	0
		6	0	18.90	18.76	18.83	0

LTE Conducted Power (Full)

LTE Band 5

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20450	20525	20600	
		Frequence (MHz)		829	836.5	844	
10M	QPSK	1	0	22.08	22.02	22.06	0
		1	24	22.03	21.85	21.95	0
		1	49	22.01	21.79	21.93	0
		25	0	22.05	21.96	22.01	0
		25	12	22.03	21.78	21.89	0
		25	25	21.99	21.81	21.88	0
		50	0	22.02	21.82	21.91	0
10M	16QAM	1	0	22.07	21.89	22.02	0
		1	24	22.06	21.88	22.01	0
		1	49	22.03	21.85	21.91	0
		25	0	21.78	21.53	21.66	0
		25	12	21.75	21.57	21.62	0
		25	25	21.77	21.58	21.65	0
		50	0	21.73	21.49	21.59	0
10M	64QAM	1	0	21.98	21.81	21.92	0
		1	24	21.95	21.82	21.92	0
		1	49	21.83	21.61	21.73	0
		25	0	20.76	20.53	20.67	0
		25	12	20.83	20.63	20.71	0
		25	25	20.81	20.55	20.67	0
		50	0	20.89	20.79	20.85	0
BW	MCS Index	Channel		20425	20525	20625	3GPP MPR
		Frequence (MHz)		826.5	836.5	846.5	
5M	QPSK	1	0	22.01	21.95	21.92	0
		1	12	21.94	21.80	21.90	0
		1	24	21.86	21.70	21.86	0
		12	0	21.91	21.91	21.95	0
		12	6	21.88	21.66	21.74	0
		12	13	21.93	21.69	21.74	0
		25	0	21.97	21.67	21.85	0
5M	16QAM	1	0	22.01	21.81	21.91	0
		1	12	21.98	21.73	21.88	0
		1	24	21.89	21.73	21.83	0
		12	0	21.65	21.44	21.61	0
		12	6	21.60	21.52	21.50	0
		12	13	21.72	21.48	21.51	0
		25	0	21.62	21.39	21.48	0
5M	64QAM	1	0	21.87	21.66	21.78	0
		1	12	21.83	21.76	21.86	0
		1	24	21.76	21.56	21.65	0
		12	0	20.66	20.45	20.53	0
		12	6	20.69	20.53	20.60	0
		12	13	20.71	20.46	20.61	0
		25	0	20.79	20.73	20.73	0

LTE Conducted Power (Full)							
LTE Band 5							
BW	MCS Index	Channel		20415	20525	20635	3GPP MPR
		Frequence (MHz)		825.5	836.5	847.5	
3M	QPSK	1	0	21.96	21.86	21.84	0
		1	7	21.80	21.80	21.85	0
		1	14	21.71	21.60	21.84	0
		8	0	21.90	21.81	21.90	0
		8	3	21.79	21.65	21.62	0
		8	7	21.78	21.68	21.71	0
		15	0	21.91	21.67	21.70	0
3M	16QAM	1	0	21.87	21.81	21.76	0
		1	7	21.95	21.65	21.74	0
		1	14	21.74	21.60	21.72	0
		8	0	21.63	21.41	21.48	0
		8	3	21.52	21.46	21.41	0
		8	7	21.71	21.38	21.48	0
		15	0	21.49	21.24	21.48	0
3M	64QAM	1	0	21.79	21.51	21.70	0
		1	7	21.72	21.64	21.76	0
		1	14	21.64	21.49	21.55	0
		8	0	20.52	20.36	20.52	0
		8	3	20.63	20.51	20.46	0
		8	7	20.60	20.34	20.56	0
		15	0	20.70	20.73	20.68	0
BW	MCS Index	Channel		20407	20525	20643	3GPP MPR
		Frequence (MHz)		824.7	836.5	848.3	
1.4M	QPSK	1	0	21.97	21.86	21.75	0
		1	2	21.83	21.75	21.84	0
		1	5	21.76	21.55	21.84	0
		3	0	21.79	21.76	21.76	0
		3	1	21.85	21.51	21.59	0
		3	3	21.78	21.61	21.68	0
		6	0	21.86	21.57	21.70	0
1.4M	16QAM	1	0	21.90	21.72	21.88	0
		1	2	21.89	21.65	21.88	0
		1	5	21.87	21.67	21.68	0
		3	0	21.54	21.29	21.46	0
		3	1	21.45	21.43	21.38	0
		3	3	21.65	21.47	21.46	0
		6	0	21.56	21.26	21.40	0
1.4M	64QAM	1	0	21.80	21.63	21.72	0
		1	2	21.75	21.71	21.76	0
		1	5	21.72	21.48	21.52	0
		3	0	20.62	20.41	20.41	0
		3	1	20.67	20.47	20.55	0
		3	3	20.61	20.38	20.51	0
		6	0	20.66	20.64	20.63	0

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		20850	21100	21350	
		Frequence (MHz)		2510	2535	2560	
20M	QPSK	1	0	21.15	21.08	21.05	0
		1	50	21.03	20.95	20.88	0
		1	99	20.98	20.89	20.79	0
		50	0	20.99	20.93	20.78	0
		50	25	20.95	20.89	20.81	0
		50	50	20.98	20.91	20.77	0
		100	0	21.03	20.95	20.82	0
20M	16QAM	1	0	21.13	21.05	20.97	0
		1	50	21.09	20.96	20.86	0
		1	99	21.11	21.06	20.95	0
		50	0	20.65	20.53	20.43	0
		50	25	20.63	20.51	20.39	0
		50	50	20.62	20.52	20.42	0
		100	0	20.71	20.65	20.51	0
20M	64QAM	1	0	20.98	20.91	20.79	0
		1	50	20.95	20.82	20.75	0
		1	99	20.81	20.67	20.61	0
		50	0	20.51	20.46	20.35	0
		50	25	20.55	20.51	20.41	0
		50	50	20.52	20.42	20.33	0
		100	0	20.53	20.43	20.36	0
BW	MCS Index	Channel		20825	21100	21375	3GPP MPR
		Frequence (MHz)		2507.5	2535	2562.5	
15M	QPSK	1	0	21.01	21.03	20.96	0
		1	37	20.93	20.81	20.73	0
		1	74	20.87	20.81	20.65	0
		36	0	20.93	20.79	20.67	0
		36	19	20.85	20.78	20.69	0
		36	39	20.93	20.84	20.68	0
		75	0	20.91	20.90	20.74	0
15M	16QAM	1	0	21.00	20.97	20.92	0
		1	37	20.95	20.90	20.81	0
		1	74	20.98	20.94	20.90	0
		36	0	20.57	20.44	20.36	0
		36	19	20.56	20.37	20.32	0
		36	39	20.47	20.38	20.35	0
		75	0	20.58	20.55	20.38	0
15M	64QAM	1	0	20.91	20.80	20.70	0
		1	37	20.81	20.77	20.63	0
		1	74	20.75	20.62	20.52	0
		36	0	20.45	20.39	20.33	0
		36	19	20.40	20.39	20.36	0
		36	39	20.43	20.33	20.39	0
		75	0	20.38	20.34	20.37	0

LTE Conducted Power (Full)							
LTE Band 7							
BW	MCS Index	Channel		20800	21100	21400	3GPP MPR
		Frequence (MHz)		2505	2535	2565	
10M	QPSK	1	0	21.01	20.95	20.96	0
		1	24	20.79	20.78	20.69	0
		1	49	20.82	20.79	20.57	0
		25	0	20.82	20.65	20.52	0
		25	12	20.84	20.75	20.68	0
		25	25	20.88	20.81	20.58	0
		50	0	20.91	20.79	20.64	0
10M	16QAM	1	0	20.85	20.95	20.92	0
		1	24	20.81	20.86	20.79	0
		1	49	20.92	20.92	20.79	0
		25	0	20.56	20.32	20.31	0
		25	12	20.41	20.35	20.32	0
		25	25	20.39	20.33	20.35	0
		50	0	20.48	20.41	20.34	0
10M	64QAM	1	0	20.79	20.72	20.63	0
		1	24	20.81	20.76	20.54	0
		1	49	20.67	20.49	20.44	0
		25	0	20.41	20.35	20.35	0
		25	12	20.36	20.33	20.38	0
		25	25	20.41	20.35	20.32	0
		50	0	20.31	20.32	20.33	0
BW	MCS Index	Channel		20775	21100	21425	3GPP MPR
		Frequence (MHz)		2502.5	2535	2567.5	
5M	QPSK	1	0	20.91	20.93	20.81	0
		1	12	20.85	20.81	20.68	0
		1	24	20.72	20.79	20.53	0
		12	0	20.91	20.76	20.43	0
		12	6	20.76	20.63	20.61	0
		12	13	20.92	20.82	20.45	0
		25	0	20.80	20.79	20.63	0
5M	16QAM	1	0	20.99	20.94	20.86	0
		1	12	20.82	20.82	20.81	0
		1	24	20.86	20.91	20.79	0
		12	0	20.54	20.42	20.34	0
		12	6	20.42	20.31	20.39	0
		12	13	20.34	20.35	20.35	0
		25	0	20.52	20.42	20.33	0
5M	64QAM	1	0	20.80	20.78	20.57	0
		1	12	20.70	20.76	20.58	0
		1	24	20.75	20.47	20.48	0
		12	0	20.33	20.37	20.32	0
		12	6	20.40	20.31	20.35	0
		12	13	20.35	20.32	20.31	0
		25	0	20.31	20.35	20.33	0

LTE Conducted Power (Full)

LTE Band 12

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23060	23095	23130	
		Frequence (MHz)		704	707.5	711	
10M	QPSK	1	0	23.75	23.81	23.69	0
		1	24	23.68	23.76	23.30	0
		1	49	23.55	23.65	23.52	0
		25	0	22.53	22.65	22.47	1
		25	12	22.52	22.61	22.43	1
		25	25	22.48	22.63	22.38	1
		50	0	22.55	22.73	22.48	1
10M	16QAM	1	0	22.91	22.99	22.83	1
		1	24	22.88	22.98	22.78	1
		1	49	22.89	22.92	22.81	1
		25	0	21.53	21.63	21.46	2
		25	12	21.68	21.73	21.62	2
		25	25	21.61	21.71	21.58	2
		50	0	21.62	21.69	21.55	2
10M	64QAM	1	0	21.93	21.98	21.86	2
		1	24	21.92	21.96	21.83	2
		1	49	21.78	21.87	21.68	2
		25	0	20.71	20.73	20.61	3
		25	12	20.72	20.76	20.72	3
		25	25	20.56	20.63	20.53	3
		50	0	20.63	20.69	20.61	3
BW	MCS Index	Channel		23035	23095	23155	3GPP MPR
		Frequence (MHz)		701.5	707.5	713.5	
5M	QPSK	1	0	23.65	23.71	23.66	0
		1	12	23.64	23.75	23.24	0
		1	24	23.49	23.56	23.50	0
		12	0	22.52	22.60	22.40	1
		12	6	22.48	22.58	22.41	1
		12	13	22.39	22.58	22.38	1
		25	0	22.55	22.64	22.44	1
5M	16QAM	1	0	22.85	22.96	22.80	1
		1	12	22.78	22.92	22.75	1
		1	24	22.82	22.90	22.76	1
		12	0	21.43	21.61	21.42	2
		12	6	21.65	21.66	21.61	2
		12	13	21.59	21.69	21.54	2
		25	0	21.59	21.68	21.50	2
5M	64QAM	1	0	21.91	21.88	21.80	2
		1	12	21.82	21.89	21.80	2
		1	24	21.74	21.80	21.65	2
		12	0	20.61	20.69	20.55	3
		12	6	20.66	20.71	20.62	3
		12	13	20.51	20.63	20.51	3
		25	0	20.58	20.59	20.56	3

LTE Conducted Power (Full)							
LTE Band 12							
BW	MCS Index	Channel		23025	23095	23165	3GPP MPR
		Frequence (MHz)		700.5	707.5	714.5	
3M	QPSK	1	0	23.63	23.60	23.61	0
		1	7	23.57	23.66	23.17	0
		1	14	23.46	23.43	23.39	0
		8	0	22.41	22.50	22.40	1
		8	3	22.36	22.53	22.31	1
		8	7	22.39	22.51	22.36	1
		15	0	22.53	22.53	22.29	1
3M	16QAM	1	0	22.75	22.81	22.69	1
		1	7	22.72	22.84	22.75	1
		1	14	22.67	22.87	22.70	1
		8	0	21.43	21.48	21.39	2
		8	3	21.54	21.54	21.52	2
		8	7	21.56	21.65	21.54	2
		15	0	21.54	21.66	21.43	2
3M	64QAM	1	0	21.89	21.85	21.79	2
		1	7	21.73	21.81	21.69	2
		1	14	21.68	21.77	21.59	2
		8	0	20.59	20.65	20.44	3
		8	3	20.62	20.70	20.47	3
		8	7	20.43	20.52	20.50	3
		15	0	20.45	20.51	20.51	3
BW	MCS Index	Channel		23017	23095	23173	3GPP MPR
		Frequence (MHz)		699.7	707.5	715.3	
1.4M	QPSK	1	0	23.57	23.59	23.61	0
		1	2	23.60	23.60	23.12	0
		1	5	23.38	23.55	23.46	0
		3	0	22.42	22.54	22.27	0
		3	1	22.40	22.49	22.29	0
		3	3	22.34	22.46	22.24	0
		6	0	22.49	22.53	22.39	1
1.4M	16QAM	1	0	22.70	22.87	22.74	1
		1	2	22.70	22.92	22.72	1
		1	5	22.69	22.79	22.71	1
		3	0	21.41	21.54	21.27	1
		3	1	21.53	21.58	21.58	1
		3	3	21.48	21.65	21.40	1
		6	0	21.44	21.64	21.47	2
1.4M	64QAM	1	0	21.84	21.76	21.73	2
		1	2	21.79	21.85	21.68	2
		1	5	21.66	21.66	21.57	2
		3	0	20.48	20.55	20.54	2
		3	1	20.62	20.64	20.62	2
		3	3	20.38	20.59	20.40	2
		6	0	20.44	20.55	20.47	3

LTE Conducted Power (Full)

LTE Band 17

BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		23780	23790	23800	
		Frequence (MHz)		709	710	711	
10M	QPSK	1	0	23.81	23.79	23.85	0
		1	24	23.76	23.73	23.83	0
		1	49	23.63	23.56	23.69	0
		25	0	22.73	22.67	22.76	1
		25	12	22.75	22.71	22.75	1
		25	25	22.66	22.59	22.71	1
		50	0	22.69	22.69	22.77	1
10M	16QAM	1	0	22.98	22.92	22.98	1
		1	24	22.95	22.85	22.96	1
		1	49	22.92	22.83	22.95	1
		25	0	21.77	21.77	21.83	2
		25	12	21.73	21.63	21.79	2
		25	25	21.71	21.61	21.81	2
		50	0	21.72	21.71	21.72	2
10M	64QAM	1	0	21.93	21.86	21.96	2
		1	24	21.92	21.85	21.99	2
		1	49	21.87	21.77	21.97	2
		25	0	20.72	20.62	20.78	3
		25	12	20.71	20.71	20.79	3
		25	25	20.81	20.76	20.83	3
		50	0	20.69	20.62	20.77	3
BW	MCS Index	Channel		23755	23790	23825	3GPP MPR
		Frequence (MHz)		706.5	710	713.5	
5M	QPSK	1	0	23.61	23.67	23.68	0
		1	12	23.61	23.65	23.66	0
		1	24	23.52	23.37	23.55	0
		12	0	22.58	22.54	22.68	1
		12	6	22.64	22.58	22.51	1
		12	13	22.60	22.49	22.68	1
		25	0	22.63	22.58	22.64	1
5M	16QAM	1	0	22.85	22.82	22.85	1
		1	12	22.76	22.72	22.78	1
		1	24	22.76	22.77	22.92	1
		12	0	21.55	21.63	21.61	2
		12	6	21.67	21.53	21.77	2
		12	13	21.57	21.46	21.71	2
		25	0	21.57	21.50	21.67	2
5M	64QAM	1	0	21.83	21.65	21.87	2
		1	12	21.71	21.77	21.91	2
		1	24	21.82	21.71	21.83	2
		12	0	20.64	20.57	20.61	3
		12	6	20.55	20.59	20.56	3
		12	13	20.64	20.61	20.69	3
		25	0	20.49	20.43	20.62	3

LTE Conducted Power (Full)							
LTE Band 38							
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)
		Channel		37850	38000	38150	
		Frequence (MHz)		2580	2595	2610	
20M	QPSK	1	0	21.78	21.46	21.43	0
		1	50	21.63	21.45	21.37	0
		1	99	21.35	21.33	21.25	0
		50	0	21.62	21.47	21.41	1
		50	25	21.53	21.41	21.31	1
		50	50	21.46	21.39	21.36	1
		100	0	21.55	21.43	21.43	1
20M	16QAM	1	0	21.61	21.43	21.39	1
		1	50	21.58	21.41	21.38	1
		1	99	21.23	21.18	21.15	1
		50	0	20.68	20.53	20.51	2
		50	25	20.53	20.50	20.49	2
		50	50	20.48	20.37	20.34	2
		100	0	20.57	20.45	20.36	2
20M	64QAM	1	0	20.63	20.48	20.43	2
		1	50	20.71	20.67	20.63	2
		1	99	20.38	20.21	20.13	2
		50	0	19.58	19.55	19.46	3
		50	25	19.52	19.41	19.31	3
		50	50	19.48	19.43	19.41	3
		100	0	19.56	19.46	19.36	3
BW	MCS Index	Channel		37825	38000	38175	3GPP MPR
		Frequence (MHz)		2577.5	2595	2612.5	
15M	QPSK	1	0	21.77	21.41	21.37	0
		1	37	21.63	21.36	21.32	0
		1	74	21.26	21.33	21.22	0
		36	0	21.53	21.43	21.33	1
		36	19	21.52	21.35	21.21	1
		36	39	21.44	21.31	21.32	1
		75	0	21.49	21.41	21.33	1
15M	16QAM	1	0	21.55	21.38	21.37	1
		1	37	21.51	21.31	21.29	1
		1	74	21.21	21.08	21.07	1
		36	0	20.65	20.51	20.49	2
		36	19	20.45	20.45	20.45	2
		36	39	20.43	20.36	20.34	2
		75	0	20.57	20.42	20.36	2
15M	64QAM	1	0	20.58	20.40	20.36	2
		1	37	20.64	20.63	20.61	2
		1	74	20.38	20.19	20.09	2
		36	0	19.51	19.48	19.37	3
		36	19	19.47	19.37	19.28	3
		36	39	19.38	19.37	19.37	3
		75	0	19.49	19.39	19.31	3

LTE Conducted Power (Full)							
LTE Band 38							
BW	MCS Index	Channel		37800	38000	38200	3GPP MPR
		Frequence (MHz)		2575	2595	2615	
10M	QPSK	1	0	21.68	21.38	21.33	0
		1	24	21.49	21.34	21.23	0
		1	49	21.16	21.26	21.14	0
		25	0	21.50	21.40	21.23	1
		25	12	21.43	21.20	21.08	1
		25	25	21.42	21.18	21.30	1
		50	0	21.48	21.32	21.28	1
10M	16QAM	1	0	21.40	21.29	21.24	1
		1	24	21.44	21.29	21.23	1
		1	49	21.21	21.00	20.93	1
		25	0	20.54	20.47	20.44	2
		25	12	20.38	20.34	20.44	2
		25	25	20.39	20.31	20.28	2
		50	0	20.54	20.42	20.23	2
10M	64QAM	1	0	20.55	20.27	20.35	2
		1	24	20.51	20.61	20.53	2
		1	49	20.25	20.04	19.94	2
		25	0	19.47	19.39	19.31	3
		25	12	19.47	19.28	19.19	3
		25	25	19.26	19.27	19.36	3
		50	0	19.42	19.27	19.23	3
BW	MCS Index	Channel		37775	38000	38225	3GPP MPR
		Frequence (MHz)		2572.5	2595	2617.5	
5M	QPSK	1	0	21.69	21.30	21.19	0
		1	12	21.58	21.25	21.16	0
		1	24	21.21	21.33	21.01	0
		12	0	21.52	21.38	21.10	1
		12	6	21.37	21.34	21.05	1
		12	13	21.32	21.31	21.19	1
		25	0	21.44	21.34	21.14	1
5M	16QAM	1	0	21.43	21.27	21.37	1
		1	12	21.38	21.31	21.24	1
		1	24	21.06	21.00	21.01	1
		12	0	20.60	20.50	20.41	2
		12	6	20.41	20.42	20.39	2
		12	13	20.39	20.35	20.22	2
		25	0	20.54	20.36	20.28	2
5M	64QAM	1	0	20.49	20.32	20.25	2
		1	12	20.64	20.51	20.51	2
		1	24	20.29	20.07	19.94	2
		12	0	19.51	19.45	19.22	3
		12	6	19.39	19.27	19.28	3
		12	13	19.28	19.35	19.25	3
		25	0	19.41	19.30	19.28	3

LTE Conducted Power (Full)

LTE Band 41

BW	MCS Index	RB Size	RB Offset	Low	Low	Mid	Mid	Mid	High	3GPP MPR (dB)
		Channel		39790	39750	40185	40620	41055	41490	
		Frequence (MHz)		2510	2506	2549.5	2593	2636.5	2680	
20M	QPSK	1	0	21.56	21.48	21.81	22.28	22.79	22.23	0
		1	50	21.49	21.37	21.78	22.27	22.65	22.22	0
		1	99	21.26	21.22	21.43	21.95	22.29	21.85	0
		50	0	21.47	21.46	21.79	22.28	22.71	22.17	0
		50	25	21.45	21.45	21.76	22.26	22.67	22.16	0
		50	50	21.38	21.31	21.59	22.08	22.59	22.03	0
		100	0	21.55	21.47	21.77	22.36	22.65	22.29	0
20M	16QAM	1	0	21.51	21.45	21.79	22.17	22.75	22.06	0
		1	50	21.47	21.41	21.76	22.23	22.68	22.19	0
		1	99	21.29	21.17	21.42	21.88	22.43	21.86	0
		50	0	21.43	21.36	21.75	22.23	22.03	22.15	0
		50	25	21.42	21.43	21.73	22.21	21.97	22.13	0
		50	50	21.28	21.19	21.55	22.14	21.89	22.02	0
		100	0	21.32	21.21	21.65	22.37	21.95	22.31	0
20M	64QAM	1	0	21.43	21.42	21.97	22.14	22.07	22.10	0
		1	50	21.41	21.41	21.87	22.26	21.96	22.22	0
		1	99	21.21	21.13	21.51	21.87	21.73	21.77	0
		50	0	21.42	21.37	21.81	22.29	21.15	22.25	0
		50	25	21.43	21.32	21.79	22.25	21.09	22.14	0
		50	50	21.41	21.29	21.65	22.15	21.06	22.12	0
		100	0	21.35	21.25	21.95	22.40	21.11	22.29	0
BW	MCS Index	Channel		39765	39725	40173	40620	41068	41515	3GPP MPR
		Frequence (MHz)		2507.5	2503.5	2548.3	2593	2637.8	2682.5	
15M	QPSK	1	0	21.49	21.40	21.69	22.16	22.71	22.17	0
		1	37	21.41	21.32	21.68	22.25	22.57	22.12	0
		1	74	21.24	21.15	21.41	21.90	22.23	21.83	0
		36	0	21.37	21.43	21.72	22.25	22.63	22.06	0
		36	19	21.52	21.43	21.67	22.20	22.56	22.04	0
		36	39	21.35	21.24	21.48	21.97	22.55	21.93	0
		75	0	21.45	21.38	21.75	22.24	22.54	22.26	0
15M	16QAM	1	0	21.45	21.37	21.77	22.08	22.73	22.18	0
		1	37	21.38	21.35	21.65	22.21	22.61	22.12	0
		1	74	21.26	21.14	21.36	21.82	22.32	21.76	0
		36	0	21.37	21.25	21.63	22.14	21.91	22.11	0
		36	19	21.41	21.41	21.69	22.18	21.86	22.05	0
		36	39	21.20	21.14	21.43	22.03	21.84	21.95	0
		75	0	21.21	21.15	21.57	22.30	21.86	22.18	0
15M	64QAM	1	0	21.45	21.32	21.90	22.12	21.97	22.21	0
		1	37	21.41	21.34	21.83	22.20	21.89	22.18	0
		1	74	21.16	21.01	21.44	21.83	21.68	21.76	0
		36	0	21.40	21.27	21.77	22.27	21.10	22.14	0
		36	19	21.40	21.28	21.77	22.15	21.03	22.09	0
		36	39	21.30	21.24	21.57	22.09	21.05	21.94	0
		75	0	21.33	21.21	21.91	22.33	21.07	22.27	0

LTE Conducted Power (Full)										
LTE Band 41										
BW	MCS Index	Channel		39740	39700	40160	40620	41080	41540	3GPP MPR
		Frequence (MHz)		2505	2501	2547	2593	2639	2685	
10M	QPSK	1	0	21.40	21.32	21.64	22.10	22.71	22.08	0
		1	24	21.32	21.23	21.60	22.25	22.52	22.07	0
		1	49	21.18	21.11	21.39	21.80	22.17	21.77	0
		25	0	21.32	21.43	21.69	22.23	22.61	21.98	0
		25	12	21.50	21.34	21.66	22.11	22.54	21.99	0
		25	25	21.31	21.18	21.43	21.91	22.55	21.83	0
		50	0	21.41	21.37	21.67	22.20	22.47	22.16	0
10M	16QAM	1	0	21.48	21.39	21.67	22.15	22.61	22.10	0
		1	24	21.35	21.32	21.61	22.15	22.54	22.08	0
		1	49	21.19	21.13	21.36	21.84	22.13	21.82	0
		25	0	21.30	21.43	21.69	22.20	22.53	22.05	0
		25	12	21.47	21.43	21.60	22.16	22.50	21.94	0
		25	25	21.30	21.15	21.38	21.88	22.53	21.83	0
		50	0	21.36	21.34	21.74	22.20	22.52	22.24	0
10M	64QAM	1	0	21.42	21.37	21.62	22.13	22.70	22.08	0
		1	24	21.34	21.24	21.59	22.19	22.53	22.12	0
		1	49	21.16	21.07	21.36	21.87	22.15	21.76	0
		25	0	21.36	21.42	21.63	22.15	22.61	22.03	0
		25	12	21.42	21.43	21.66	22.10	22.50	22.01	0
		25	25	21.25	21.16	21.48	21.91	22.55	21.84	0
		50	0	21.40	21.36	21.65	22.22	22.49	22.18	0
BW	MCS Index	Channel		39715	39675	40148	40620	41093	41565	3GPP MPR
		Frequence (MHz)		2502.5	2498.5	2545.8	2593	2640.3	2687.5	
5M	QPSK	1	0	21.41	21.40	21.66	22.13	22.68	22.16	0
		1	12	21.41	21.28	21.63	22.22	22.57	22.10	0
		1	24	21.18	21.12	21.36	21.86	22.19	21.78	0
		12	0	21.29	21.34	21.64	22.25	22.53	21.98	0
		12	6	21.45	21.43	21.58	22.16	22.47	21.98	0
		12	13	21.31	21.18	21.39	21.97	22.46	21.92	0
		25	0	21.38	21.31	21.66	22.21	22.51	22.18	0
5M	16QAM	1	0	21.44	21.31	21.59	22.11	22.66	22.14	0
		1	12	21.31	21.24	21.59	22.20	22.51	22.09	0
		1	24	21.19	21.06	21.40	21.83	22.22	21.78	0
		12	0	21.35	21.34	21.69	22.18	22.56	22.04	0
		12	6	21.48	21.37	21.60	22.12	22.51	22.00	0
		12	13	21.34	21.18	21.38	21.87	22.50	21.85	0
		25	0	21.45	21.35	21.71	22.14	22.51	22.25	0
5M	64QAM	1	0	21.43	21.34	21.67	22.11	22.64	22.16	0
		1	12	21.33	21.22	21.68	22.22	22.47	22.02	0
		1	24	21.14	21.07	21.35	21.89	22.22	21.73	0
		12	0	21.28	21.43	21.71	22.22	22.57	21.96	0
		12	6	21.51	21.36	21.65	22.16	22.52	21.95	0
		12	13	21.26	21.15	21.43	21.96	22.45	21.87	0
		25	0	21.40	21.35	21.75	22.15	22.45	22.19	0

Conducted Power (Full)			
WLAN2.4GHz Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	13.89
	6	2437	13.78
	11	2462	13.64
802.11g	1	2412	13.96
	6	2437	13.95
	11	2462	13.82
802.11n HT20	1	2412	13.9
	6	2437	13.92
	11	2462	13.58
802.11n HT40	3	2422	13.64
	6	2437	13.85
	9	2452	13.64
802.11ac VHT20	1	2412	13.95
	6	2437	13.95
	11	2462	13.61
802.11ac VHT40	3	2422	13.71
	6	2437	13.95
	9	2452	13.68
802.11ax HE20	1	2412	13.98
	6	2437	13.99
	11	2462	13.66
802.11ax HE40	3	2422	13.75
	6	2437	13.97
	9	2452	13.74

Conducted Power (Full)			
Bluetooth Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
BR / EDR	0	2402	12.24
	39	2441	12.44
	78	2480	11.24
LE	0	2402	8.6
	19	2440	8.51
	39	2480	8.97

Conducted Power (Full)			
WLAN 5.2GHz Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	36	5180	10.86
	40	5200	10.89
	44	5220	10.85
	48	5240	10.94
802.11n HT20	36	5180	10.78
	40	5200	10.77
	44	5220	10.75
	48	5240	10.77
802.11n HT40	38	5190	10.9
	46	5230	10.91
802.11ac VHT20	36	5180	10.82
	40	5200	10.8
	44	5220	10.77
	48	5240	10.83
802.11ac VHT40	38	5190	10.95
	46	5230	10.94
802.11ac VHT80	42	5210	10.83
802.11ax HE20	36	5180	10.85
	40	5200	10.84
	44	5220	10.87
	48	5240	10.88
802.11ax HE40	38	5190	10.97
	46	5230	10.99
802.11ax HE80	42	5210	10.88

Conducted Power (Full)			
WLAN 5.3GHz Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	10.98
	56	5280	10.98
	60	5300	10.92
	64	5320	10.65
802.11n HT20	52	5260	10.83
	56	5280	10.89
	60	5300	10.85
	64	5320	10.68
802.11n HT40	54	5270	10.85
	62	5310	10.68
802.11ac VHT20	52	5260	10.88
	56	5280	10.93
	60	5300	10.89
	64	5320	10.74
802.11ac VHT40	54	5270	10.92
	62	5310	10.72
802.11ac VHT80	58	5290	10.7
802.11ax HE20	52	5260	10.92
	56	5280	10.98
	60	5300	10.91
	64	5320	10.78
802.11ax HE40	54	5270	10.95
	62	5310	10.74
802.11ax HE80	58	5290	10.74

Conducted Power (Full)			
WLAN 5.6GHz Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	8.68
	116	5580	8.65
	120	5600	8.73
	124	5620	8.62
	132	5660	8.67
	140	5700	8.61
	144	5720	8.78
802.11n HT20	100	5500	8.88
	116	5580	8.8
	120	5600	8.79
	124	5620	8.77
	132	5660	8.81
	140	5700	8.85
	144	5720	8.58
802.11n HT40	102	5510	8.57
	110	5550	8.77
	118	5590	8.81
	126	5630	8.75
	134	5670	8.83
	142	5710	8.67
802.11ac VHT20	100	5500	8.93
	116	5580	8.85
	120	5600	8.88
	124	5620	8.82
	132	5660	8.84
	140	5700	8.92
	144	5720	8.64
802.11ac VHT40	102	5510	8.64
	110	5550	8.83
	118	5590	8.79
	126	5630	8.82
	134	5670	8.88
	142	5710	8.75
802.11ac VHT80	106	5530	8.61
	122	5610	8.58
	138	5690	8.93
802.11ax HE20	100	5500	8.96
	116	5580	8.88
	120	5600	8.93
	124	5620	8.89
	132	5660	8.92
	140	5700	8.95
	144	5720	8.68
802.11ax HE40	102	5510	8.67
	110	5550	8.89
	118	5590	8.85
	126	5630	8.9
	134	5670	8.92
	142	5710	8.8
802.11ax HE80	106	5530	8.64
	122	5610	8.65
	138	5690	8.96

Conducted Power (Full)			
WLAN 5.8GHz Ant 7			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	8.82
	153	5765	8.85
	157	5785	8.96
	161	5805	8.87
	165	5825	8.64
802.11n HT20	149	5745	8.67
	153	5765	8.73
	157	5785	8.89
	161	5805	8.78
	165	5825	8.89
802.11n HT40	151	5755	8.87
	159	5795	8.52
802.11ac VHT20	149	5745	8.74
	153	5765	8.85
	157	5785	8.93
	161	5805	8.82
	165	5825	8.94
802.11ac VHT40	151	5755	8.93
	159	5795	8.55
802.11ac VHT80	155	5775	8.84
802.11ax HE20	149	5745	8.78
	153	5765	8.91
	157	5785	8.98
	161	5805	8.89
	165	5825	8.97
802.11ax HE40	151	5755	8.96
	159	5795	8.56
802.11ax HE80	155	5775	8.86

Appendix F. SAR Test Result

SAR Results for Head / Body-worn / Hotspot / Product Specific Exposure Condition.

Note:
1. SAR testing for WLAN / BT was performed on the maximum power mode.
2. SAR testing for LTE was performed on the maximum power mode.
3. The “< 0.001” means there is no SAR value or the SAR is too low to be measured.
4. Since LTE of this device supports VOIP capability through 3rd party apps software, we have evaluated data mode for head SAR.

Head SAR Test Result

System & Position								DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
1	GSM850	GPRS10	Right Cheek	-	251			Ant 2	-	1.00	29.00	28.74	1.06	0.01	0.207	0.22
	GSM850	GPRS10	Right Tilted	-	251			Ant 2	-	1.00	29.00	28.74	1.06	-0.1	0.113	0.12
	GSM850	GPRS10	Left Cheek	-	251			Ant 2	-	1.00	29.00	28.74	1.06	0.03	0.167	0.18
	GSM850	GPRS10	Left Tilted	-	251			Ant 2	-	1.00	29.00	28.74	1.06	0.19	0.086	0.09
	GSM850	GPRS10	Right Cheek	-	128			Ant 2	-	1.00	29.00	28.63	1.09	0.11	0.188	0.20
	GSM850	GPRS10	Right Cheek	-	189			Ant 2	-	1.00	29.00	28.71	1.07	-0.05	0.182	0.19
				-												
	GSM1900	GPRS12	Right Cheek	-	512			Ant 1	-	1.00	24.50	24.47	1.01	-0.15	0.103	0.10
	GSM1900	GPRS12	Right Tilted	-	512			Ant 1	-	1.00	24.50	24.47	1.01	-0.09	0.045	0.05
	GSM1900	GPRS12	Left Cheek	-	512			Ant 1	-	1.00	24.50	24.47	1.01	-0.02	0.078	0.08
	GSM1900	GPRS12	Left Tilted	-	512			Ant 1	-	1.00	24.50	24.47	1.01	-0.07	0.031	0.03
	GSM1900	GPRS12	Right Cheek	-	661			Ant 1	-	1.00	24.50	24.14	1.09	0.08	0.142	0.15
2	GSM1900	GPRS12	Right Cheek	-	810			Ant 1	-	1.00	24.50	24.23	1.06	-0.04	0.15	0.16
				-												
	WCDMA II	RMC12.2K	Right Cheek	-	9262			Ant 1	-	1.00	20.00	19.58	1.10	-0.03	0.083	0.09
	WCDMA II	RMC12.2K	Right Tilted	-	9262			Ant 1	-	1.00	20.00	19.58	1.10	0	<0.001	0.00
	WCDMA II	RMC12.2K	Left Cheek	-	9262			Ant 1	-	1.00	20.00	19.58	1.10	-0.18	0.06	0.07
	WCDMA II	RMC12.2K	Left Tilted	-	9262			Ant 1	-	1.00	20.00	19.58	1.10	0.17	0.037	0.04
	WCDMA II	RMC12.2K	Right Cheek	-	9400			Ant 1	-	1.00	20.00	19.51	1.12	-0.04	0.083	0.09
3	WCDMA II	RMC12.2K	Right Cheek	-	9538			Ant 1	-	1.00	20.00	19.49	1.12	0.05	0.092	0.10
				-												
4	WCDMA V	RMC12.2K	Right Cheek	-	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.05	0.129	0.13
	WCDMA V	RMC12.2K	Right Tilted	-	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.1	0.103	0.11
	WCDMA V	RMC12.2K	Left Cheek	-	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.05	0.12	0.12
	WCDMA V	RMC12.2K	Left Tilted	-	4182			Ant 2	-	1.00	22.30	22.23	1.02	0.02	0.084	0.09
	WCDMA V	RMC12.2K	Right Cheek	-	4132			Ant 2	-	1.00	22.30	22.21	1.02	-0.04	0.102	0.10
	WCDMA V	RMC12.2K	Right Cheek	-	4233			Ant 2	-	1.00	22.30	22.18	1.03	-0.15	0.118	0.12
5	LTE 2	QPSK20M	Right Cheek	-	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	-0.02	0.102	0.12
	LTE 2	QPSK20M	Right Tilted	-	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	0	<0.001	0.00
	LTE 2	QPSK20M	Left Cheek	-	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	-0.01	0.062	0.07
	LTE 2	QPSK20M	Left Tilted	-	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	0	<0.001	0.00
	LTE 2	QPSK20M	Right Cheek	-	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0.19	0.085	0.10
	LTE 2	QPSK20M	Right Tilted	-	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0	<0.001	0.00
	LTE 2	QPSK20M	Left Cheek	-	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	-0.11	0.051	0.06
	LTE 2	QPSK20M	Left Tilted	-	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0	<0.001	0.00
	LTE 2	QPSK20M	Right Cheek	-	18900	1	0	Ant 1	-	1.00	20.00	19.16	1.21	0.18	0.092	0.11
	LTE 2	QPSK20M	Right Cheek	-	19100	1	0	Ant 1	-	1.00	20.00	19.11	1.23	-0.13	0.086	0.11
				-												
	LTE 5	QPSK10M	Right Cheek	-	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	-0.17	0.121	0.13
	LTE 5	QPSK10M	Right Tilted	-	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0.16	0.069	0.07
	LTE 5	QPSK10M	Left Cheek	-	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0.18	0.066	0.07
	LTE 5	QPSK10M	Left Tilted	-	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0	<0.001	0.00
	LTE 5	QPSK10M	Right Cheek	-	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	-0.12	0.115	0.12
	LTE 5	QPSK10M	Right Tilted	-	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0.16	0.065	0.07
	LTE 5	QPSK10M	Left Cheek	-	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	-0.02	0.062	0.07
	LTE 5	QPSK10M	Left Tilted	-	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0	<0.001	0.00
	LTE 5	QPSK10M	Right Cheek	-	20525	1	0	Ant 2	-	1.00	22.30	22.02	1.07	-0.18	0.13	0.14
6	LTE 5	QPSK10M	Right Cheek	-	20600	1	0	Ant 2	-	1.00	22.30	22.06	1.06	-0.01	0.147	0.16
				-												
	LTE 7	QPSK20M	Right Cheek	-	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	0.05	0.233	0.30
	LTE 7	QPSK20M	Right Tilted	-	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	-0.04	0.069	0.09
	LTE 7	QPSK20M	Left Cheek	-	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	0.06	0.096	0.12
	LTE 7	QPSK20M	Left Tilted	-	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	-0.05	0.072	0.09
	LTE 7	QPSK20M	Right Cheek	-	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.13	0.205	0.28
	LTE 7	QPSK20M	Right Tilted	-	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	0.15	0.06	0.08
	LTE 7	QPSK20M	Left Cheek	-	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.05	0.085	0.11
	LTE 7	QPSK20M	Left Tilted	-	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.18	0.066	0.09
	LTE 7	QPSK20M	Right Cheek	-	21100	1	0	Ant 1	-	1.00	22.30	21.08	1.32	0.01	0.252	0.33
7	LTE 7	QPSK20M	Right Cheek	-	21350	1	0	Ant 1	-	1.00	22.30	21.05	1.33	-0.03	0.277	0.37
				-												
8	LTE 12	QPSK10M	Right Cheek	-	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	-0.01	0.09	0.09
	LTE 12	QPSK10M	Right Tilted	-	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.06	0.061	0.06
	LTE 12	QPSK10M	Left Cheek	-	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	-0.05	0.068	0.07
	LTE 12	QPSK10M	Left Tilted	-	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	-0.17	0.059	0.06
	LTE 12	QPSK10M	Right Cheek	-	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.06	0.072	0.08
	LTE 12	QPSK10M	Right Tilted	-	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	0.1	0.055	0.06
	LTE 12	QPSK10M	Left Cheek	-	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.03	0.065	0.07
	LTE 12	QPSK10M	Left Tilted	-	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	0.17	0.05	0.05
	LTE 12	QPSK10M	Right Cheek	-	23060	1	0	Ant 2	-	1.00	24.00	23.75	1.06	0.01	0.075	0.08
	LTE 12	QPSK10M	Right Cheek	-	23130	1	0	Ant 2	-	1.00	24.00	23.69	1.07	0.19	0.055	0.06
				-												
9	LTE 17	QPSK10M	Right Cheek	-	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	-0.03	0.093	0.10
	LTE 17	QPSK10M	Right Tilted	-	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	-0.18	0.063	0.07
	LTE 17	QPSK10M	Left Cheek	-	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0.08	0.073	0.08
	LTE 17	QPSK10M	Left Tilted	-	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	-0.05	0.075	0.08
	LTE 17	QPSK10M	Right Cheek	-	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0.1	0.066	0.07
	LTE 17	QPSK10M	Right Tilted	-	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	-0.09	0.055	0.06
	LTE 17	QPSK10M	Left Cheek	-	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0.11	0.061	0.06
	LTE 17	QPSK10M	Left Tilted	-	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	-0.06	0.064	0.07
	LTE 17	QPSK10M	Right Cheek	-	23780	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.15	0.09	0.09
	LTE 17	QPSK10M	Right Cheek	-	23790	1	0	Ant 2	-	1.00	24.00	23.79	1.05	0.04	0.078	0.08
				-												
10	LTE 38	QPSK20M	Right Cheek	-	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	0.04	0.232	0.31
	LTE 38	QPSK20M	Right Tilted	-	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.19	0.068	0.09
	LTE 38	QPSK20M	Left Cheek	-	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.12	0.126	0.17
	LTE 38	QPSK20M	Left Tilted	-	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.01	0.06	0.08
	LTE 38	QPSK20M	Right Cheek	-	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0.07	0.209	0.23
	LTE 38	QPSK20M	Right Tilted	-	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	-0.09	0.063	0.07
	LTE 38	QPSK20M	Left Cheek	-	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0.03	0.123	0.13
	LTE 38	QPSK20M	Left Tilted	-	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0.01	0.043	0.05
	LTE 38	QPSK20M	Right Cheek	-	38000	1	0	Ant 1	-	1.00	23.00	21.46	1.43	0.09	0.204	0.29
	LTE 38	QPSK20M	Right Cheek	-	38150	1	0	Ant 1	-	1.00	23.00	21.43	1.44	0.05	0.196	0.28
				-												

Head SAR Test Result

System & Position								DUT Configuration	SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 41	QPSK20M	Right Cheek	-	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.03	0.24	0.25
	LTE 41	QPSK20M	Right Tilted	-	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.09	0.098	0.10
	LTE 41	QPSK20M	Left Cheek	-	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.17	0.204	0.21
	LTE 41	QPSK20M	Left Tilted	-	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.02	0.088	0.09
	LTE 41	QPSK20M	Right Cheek	-	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	-0.18	0.219	0.23
	LTE 41	QPSK20M	Right Tilted	-	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0.14	0.094	0.10
	LTE 41	QPSK20M	Left Cheek	-	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0.06	0.179	0.19
	LTE 41	QPSK20M	Left Tilted	-	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0.13	0.075	0.08
	LTE 41	QPSK20M	Right Cheek	-	39750	1	0	Ant 1	-	1.00	23.00	21.48	1.42	0.19	0.14	0.20
	LTE 41	QPSK20M	Right Cheek	-	40185	1	0	Ant 1	-	1.00	23.00	21.81	1.32	0.08	0.211	0.28
11	LTE 41	QPSK20M	Right Cheek	-	40620	1	0	Ant 1	-	1.00	23.00	22.28	1.18	0.01	0.261	0.31
	LTE 41	QPSK20M	Right Cheek	-	41490	1	0	Ant 1	-	1.00	23.00	22.23	1.19	-0.02	0.144	0.17
				-												
	WLAN2.4G	802.11b	Right Cheek	-	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0.08	0.099	0.11
	WLAN2.4G	802.11b	Right Tilted	-	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0.03	0.079	0.08
	WLAN2.4G	802.11b	Left Cheek	-	1			Ant 7	97.06	1.03	14.00	13.89	1.03	-0.02	0.35	0.37
	WLAN2.4G	802.11b	Left Tilted	-	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0.09	0.254	0.27
12	WLAN2.4G	802.11b	Left Cheek	-	6			Ant 7	97.06	1.03	14.00	13.78	1.05	0.01	0.377	0.41
	WLAN2.4G	802.11b	Left Cheek	-	11			Ant 7	97.06	1.03	14.00	13.64	1.09	-0.04	0.332	0.37
				-												
	WLAN5.3G	802.11ac VHT80	Right Cheek	-	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0.13	0.268	0.29
	WLAN5.3G	802.11ac VHT80	Right Tilted	-	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.16	0.258	0.28
13	WLAN5.3G	802.11ac VHT80	Left Cheek	-	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.08	0.387	0.42
	WLAN5.3G	802.11ac VHT80	Left Tilted	-	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.05	0.365	0.39
				-												
	WLAN5.6G	802.11ac VHT80	Right Cheek	-	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0.11	0.235	0.24
	WLAN5.6G	802.11ac VHT80	Right Tilted	-	138			Ant 7	98.70	1.01	9.00	8.93	1.02	-0.14	0.22	0.23
	WLAN5.6G	802.11ac VHT80	Left Cheek	-	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0.01	0.36	0.37
	WLAN5.6G	802.11ac VHT80	Left Tilted	-	138			Ant 7	98.70	1.01	9.00	8.93	1.02	-0.18	0.324	0.33
14	WLAN5.6G	802.11ac VHT80	Left Cheek	-	106			Ant 7	98.70	1.01	9.00	8.61	1.09	0.13	0.368	0.41
	WLAN5.6G	802.11ac VHT80	Left Cheek	-	122			Ant 7	98.70	1.01	9.00	8.58	1.10	-0.15	0.345	0.38
				-												
	WLAN5.8G	802.11ac VHT80	Right Cheek	-	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0.14	0.066	0.07
	WLAN5.8G	802.11ac VHT80	Right Tilted	-	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.08	0.058	0.06
15	WLAN5.8G	802.11ac VHT80	Left Cheek	-	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.02	0.186	0.20
	WLAN5.8G	802.11ac VHT80	Left Tilted	-	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.18	0.101	0.11
				-												
	BT	BDR	Right Cheek	-	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.18	0.037	0.05
	BT	BDR	Right Tilted	-	39			Ant 7	76.86	1.30	12.50	12.44	1.01	-0.18	0.031	0.04
	BT	BDR	Left Cheek	-	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.13	0.092	0.12
	BT	BDR	Left Tilted	-	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.15	0.09	0.12
	BT	BDR	Left Cheek	-	0			Ant 7	76.86	1.30	12.50	12.24	1.06	0.02	0.102	0.14
16	BT	BDR	Left Cheek	-	78			Ant 7	76.86	1.30	12.50	11.24	1.34	0.12	0.108	0.19

Body/Hotspot SAR Test Result

System & Position								DUT Configuration	SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	GSM850	GPRS10	Front Face	10	251			Ant 2	-	1.00	29.00	28.74	1.06	0.17	0.362	0.38
	GSM850	GPRS10	Rear Face	10	251			Ant 2	-	1.00	29.00	28.74	1.06	-0.15	0.381	0.40
	GSM850	GPRS10	Left Side	10	251			Ant 2	-	1.00	29.00	28.74	1.06	-0.04	0.124	0.13
	GSM850	GPRS10	Right Side	10	251			Ant 2	-	1.00	29.00	28.74	1.06	-0.19	0.35	0.37
	GSM850	GPRS10	Top Side	10	251			Ant 2	-	1.00	29.00	28.74	1.06	0	<0.001	0.00
17	GSM850	GPRS10	Bottom Side	10	251			Ant 2	-	1.00	29.00	28.74	1.06	0.02	0.395	0.42
	GSM850	GPRS10	Bottom Side	10	128			Ant 2	-	1.00	29.00	28.63	1.09	0.04	0.344	0.37
	GSM850	GPRS10	Bottom Side	10	189			Ant 2	-	1.00	29.00	28.71	1.07	-0.17	0.374	0.40
	GSM1900	GPRS12	Front Face	10	512			Ant 1	-	1.00	24.50	24.47	1.01	0.16	0.331	0.33
	GSM1900	GPRS12	Rear Face	10	512			Ant 1	-	1.00	24.50	24.47	1.01	0.14	0.36	0.36
	GSM1900	GPRS12	Left Side	10	512			Ant 1	-	1.00	24.50	24.47	1.01	-0.02	0.262	0.26
	GSM1900	GPRS12	Right Side	10	512			Ant 1	-	1.00	24.50	24.47	1.01	0.14	0.078	0.08
	GSM1900	GPRS12	Top Side	10	512			Ant 1	-	1.00	24.50	24.47	1.01	0	<0.001	0.00
	GSM1900	GPRS12	Bottom Side	10	512			Ant 1	-	1.00	24.50	24.47	1.01	0.06	0.645	0.65
	GSM1900	GPRS12	Bottom Side	10	661			Ant 1	-	1.00	24.50	24.14	1.09	-0.11	0.634	0.69
18	GSM1900	GPRS12	Bottom Side	10	810			Ant 1	-	1.00	24.50	24.23	1.06	-0.08	0.668	0.71
	WCDMA II	RMC12.2K	Front Face	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	0.17	0.248	0.27
	WCDMA II	RMC12.2K	Rear Face	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	-0.17	0.259	0.28
	WCDMA II	RMC12.2K	Left Side	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	0.13	0.191	0.21
	WCDMA II	RMC12.2K	Right Side	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	-0.1	0.074	0.08
	WCDMA II	RMC12.2K	Top Side	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	0	<0.001	0.00
	WCDMA II	RMC12.2K	Bottom Side	10	9262			Ant 1	-	1.00	20.00	19.58	1.10	0.16	0.435	0.48
	WCDMA II	RMC12.2K	Bottom Side	10	9400			Ant 1	-	1.00	20.00	19.51	1.12	-0.07	0.473	0.53
19	WCDMA II	RMC12.2K	Bottom Side	10	9538			Ant 1	-	1.00	20.00	19.49	1.12	0.02	0.521	0.58
	WCDMA V	RMC12.2K	Front Face	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.08	0.235	0.24
	WCDMA V	RMC12.2K	Rear Face	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.11	0.242	0.25
	WCDMA V	RMC12.2K	Left Side	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	0.11	0.051	0.05
	WCDMA V	RMC12.2K	Right Side	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	-0.08	0.21	0.21
	WCDMA V	RMC12.2K	Top Side	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	0	<0.001	0.00
	WCDMA V	RMC12.2K	Bottom Side	10	4182			Ant 2	-	1.00	22.30	22.23	1.02	0.1	0.26	0.27
	WCDMA V	RMC12.2K	Bottom Side	10	4132			Ant 2	-	1.00	22.30	22.21	1.02	0.19	0.233	0.24
20	WCDMA V	RMC12.2K	Bottom Side	10	4233			Ant 2	-	1.00	22.30	22.18	1.03	-0.01	0.297	0.31
	LTE 2	QPSK20M	Front Face	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	-0.18	0.225	0.27
	LTE 2	QPSK20M	Rear Face	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	-0.18	0.212	0.25
	LTE 2	QPSK20M	Left Side	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	0.01	0.175	0.21
	LTE 2	QPSK20M	Right Side	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	-0.08	0.076	0.09
	LTE 2	QPSK20M	Top Side	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	0	<0.001	0.00
	LTE 2	QPSK20M	Bottom Side	10	18700	1	0	Ant 1	-	1.00	20.00	19.23	1.19	0.16	0.412	0.49
	LTE 2	QPSK20M	Front Face	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0.02	0.218	0.26
	LTE 2	QPSK20M	Rear Face	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0.06	0.204	0.24
	LTE 2	QPSK20M	Left Side	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0.18	0.172	0.21
	LTE 2	QPSK20M	Right Side	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0.04	0.071	0.09
	LTE 2	QPSK20M	Top Side	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	0	<0.001	0.00
	LTE 2	QPSK20M	Bottom Side	10	18700	50	0	Ant 1	-	1.00	20.00	19.21	1.20	-0.18	0.394	0.47
	LTE 2	QPSK20M	Bottom Side	10	18900	1	0	Ant 1	-	1.00	20.00	19.16	1.21	0.04	0.419	0.51
21	LTE 2	QPSK20M	Bottom Side	10	19100	1	0	Ant 1	-	1.00	20.00	19.11	1.23	-0.02	0.45	0.55
	LTE 5	QPSK10M	Front Face	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0.13	0.207	0.22
	LTE 5	QPSK10M	Rear Face	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0	0.201	0.21
	LTE 5	QPSK10M	Left Side	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0	<0.001	0.00
	LTE 5	QPSK10M	Right Side	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0.06	0.216	0.23
	LTE 5	QPSK10M	Top Side	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	0	<0.001	0.00
	LTE 5	QPSK10M	Bottom Side	10	20450	1	0	Ant 2	-	1.00	22.30	22.08	1.05	-0.1	0.222	0.23
	LTE 5	QPSK10M	Front Face	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0	0.201	0.21
	LTE 5	QPSK10M	Rear Face	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0.05	0.193	0.20
	LTE 5	QPSK10M	Left Side	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0	<0.001	0.00
	LTE 5	QPSK10M	Right Side	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	-0.13	0.205	0.22
	LTE 5	QPSK10M	Top Side	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	0	<0.001	0.00
	LTE 5	QPSK10M	Bottom Side	10	20450	25	0	Ant 2	-	1.00	22.30	22.05	1.06	-0.04	0.216	0.23
	LTE 5	QPSK10M	Bottom Side	10	20525	1	0	Ant 2	-	1.00	22.30	22.02	1.07	-0.13	0.233	0.25
22	LTE 5	QPSK10M	Bottom Side	10	20600	1	0	Ant 2	-	1.00	22.30	22.06	1.06	0.02	0.261	0.28
	LTE 7	QPSK20M	Front Face	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	0.03	0.288	0.37
	LTE 7	QPSK20M	Rear Face	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	-0.12	0.297	0.39
	LTE 7	QPSK20M	Left Side	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	-0.14	0.128	0.17
	LTE 7	QPSK20M	Right Side	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	0.01	0.18	0.23
	LTE 7	QPSK20M	Top Side	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	0	<0.001	0.00
	LTE 7	QPSK20M	Bottom Side	10	20850	1	0	Ant 1	-	1.00	22.30	21.15	1.30	-0.15	0.366	0.48
	LTE 7	QPSK20M	Front Face	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	0.05	0.279	0.38
	LTE 7	QPSK20M	Rear Face	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.07	0.291	0.39
	LTE 7	QPSK20M	Left Side	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.17	0.116	0.16
	LTE 7	QPSK20M	Right Side	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.01	0.168	0.23
	LTE 7	QPSK20M	Top Side	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	0	<0.001	0.00
	LTE 7	QPSK20M	Bottom Side	10	20850	50	0	Ant 1	-	1.00	22.30	20.99	1.35	-0.01	0.349	0.47
	LTE 7	QPSK20M	Bottom Side	10	21100	1	0	Ant 1	-	1.00	22.30	21.08	1.32	-0.05	0.343	0.45
23	LTE 7	QPSK20M	Bottom Side	10	21350	1	0	Ant 1	-	1.00	22.30	21.05	1.33	-0.01	0.387	0.51
	LTE 12	QPSK10M	Front Face	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.04	0.15	0.16
	LTE 12	QPSK10M	Rear Face	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.19	0.155	0.16
	LTE 12	QPSK10M	Left Side	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.13	0.091	0.09
	LTE 12	QPSK10M	Right Side	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.05	0.267	0.28
	LTE 12	QPSK10M	Top Side	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0	<0.001	0.00
	LTE 12	QPSK10M	Bottom Side	10	23095	1	0	Ant 2	-	1.00	24.00	23.81	1.04	0.06	0.154	0.16
	LTE 12	QPSK10M	Front Face	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.17	0.124	0.13
	LTE 12	QPSK10M	Rear Face	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	0.15	0.128	0.14
	LTE 12	QPSK10M	Left Side	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.06	0.067	0.07
	LTE 12	QPSK10M	Right Side	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.08	0.216	0.23
	LTE 12	QPSK10M	Top Side	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	0	<0.001	0.00
	LTE 12	QPSK10M	Bottom Side	10	23095	25	0	Ant 2	-	1.00	23.00	22.65	1.08	-0.13	0.12	0.13
	LTE 12	QPSK10M	Right Side	10	23060	1	0	Ant 2	-	1.00	24.00	23.75	1.06	-0.02	0.258	0.27
24	LTE 12	QPSK10M	Right Side	10	23130	1	0	Ant 2	-	1.00	24.00	23.69	1.07	0.01	0.284	0.30

Body/Hotspot SAR Test Result

System & Position								DUT Configuration	SAR								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	LTE 17	QPSK10M	Front Face	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0.11	0.161	0.17
	LTE 17	QPSK10M	Rear Face	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0	0.165	0.17
	LTE 17	QPSK10M	Left Side	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	-0.02	0.093	0.10
25	LTE 17	QPSK10M	Right Side	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0.05	0.284	0.30
	LTE 17	QPSK10M	Top Side	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0	<0.001	0.00
	LTE 17	QPSK10M	Bottom Side	10	23800	1	0	Ant 2	-	1.00	24.00	23.85	1.04	0.17	0.153	0.16
	LTE 17	QPSK10M	Front Face	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0	0.133	0.14
	LTE 17	QPSK10M	Rear Face	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0.11	0.137	0.15
	LTE 17	QPSK10M	Left Side	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	-0.02	0.077	0.08
	LTE 17	QPSK10M	Right Side	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0.11	0.235	0.25
	LTE 17	QPSK10M	Top Side	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0	<0.001	0.00
	LTE 17	QPSK10M	Bottom Side	10	23800	25	0	Ant 2	-	1.00	23.00	22.76	1.06	0.14	0.129	0.14
	LTE 17	QPSK10M	Right Side	10	23780	1	0	Ant 2	-	1.00	24.00	23.81	1.04	-0.18	0.228	0.24
	LTE 17	QPSK10M	Right Side	10	23790	1	0	Ant 2	-	1.00	24.00	23.79	1.05	0.13	0.242	0.25
	LTE 38	QPSK20M	Front Face	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.11	0.255	0.34
	LTE 38	QPSK20M	Rear Face	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.17	0.264	0.35
	LTE 38	QPSK20M	Left Side	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.08	0.098	0.13
	LTE 38	QPSK20M	Right Side	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.02	0.151	0.20
	LTE 38	QPSK20M	Top Side	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	0	<0.001	0.00
	LTE 38	QPSK20M	Bottom Side	10	37850	1	0	Ant 1	-	1.00	23.00	21.78	1.32	-0.04	0.293	0.39
	LTE 38	QPSK20M	Front Face	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	-0.12	0.243	0.26
	LTE 38	QPSK20M	Rear Face	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	-0.04	0.235	0.26
	LTE 38	QPSK20M	Left Side	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0.15	0.09	0.10
	LTE 38	QPSK20M	Right Side	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0.19	0.139	0.15
	LTE 38	QPSK20M	Top Side	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	0	<0.001	0.00
	LTE 38	QPSK20M	Bottom Side	10	37850	50	0	Ant 1	-	1.00	22.00	21.62	1.09	-0.07	0.279	0.30
	LTE 38	QPSK20M	Bottom Side	10	38000	1	0	Ant 1	-	1.00	23.00	21.46	1.43	-0.14	0.274	0.39
26	LTE 38	QPSK20M	Bottom Side	10	38150	1	0	Ant 1	-	1.00	23.00	21.43	1.44	-0.04	0.3	0.43
	LTE 41	QPSK20M	Front Face	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.11	0.333	0.35
	LTE 41	QPSK20M	Rear Face	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.15	0.289	0.30
	LTE 41	QPSK20M	Left Side	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0.01	0.118	0.12
	LTE 41	QPSK20M	Right Side	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	-0.18	0.171	0.18
	LTE 41	QPSK20M	Top Side	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	0	<0.001	0.00
	LTE 41	QPSK20M	Bottom Side	10	41055	1	0	Ant 1	-	1.00	23.00	22.79	1.05	-0.03	0.344	0.36
	LTE 41	QPSK20M	Front Face	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	-0.08	0.328	0.35
	LTE 41	QPSK20M	Rear Face	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	-0.13	0.272	0.29
	LTE 41	QPSK20M	Left Side	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0.01	0.115	0.12
	LTE 41	QPSK20M	Right Side	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0	0.159	0.17
	LTE 41	QPSK20M	Top Side	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	0	<0.001	0.00
	LTE 41	QPSK20M	Bottom Side	10	41055	50	0	Ant 1	-	1.00	23.00	22.71	1.07	-0.17	0.322	0.34
	LTE 41	QPSK20M	Bottom Side	10	39750	1	0	Ant 1	-	1.00	23.00	21.48	1.42	-0.02	0.209	0.30
	LTE 41	QPSK20M	Bottom Side	10	40185	1	0	Ant 1	-	1.00	23.00	21.81	1.32	-0.19	0.27	0.36
27	LTE 41	QPSK20M	Bottom Side	10	40620	1	0	Ant 1	-	1.00	23.00	22.28	1.18	-0.02	0.354	0.42
	LTE 41	QPSK20M	Bottom Side	10	41490	1	0	Ant 1	-	1.00	23.00	22.23	1.19	0.19	0.245	0.29
																-
	WLAN2.4G	802.11b	Front Face	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	-0.16	0.06	0.06
	WLAN2.4G	802.11b	Rear Face	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	-0.17	0.04	0.04
	WLAN2.4G	802.11b	Left Side	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0	<0.001	0.00
	WLAN2.4G	802.11b	Right Side	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0.11	0.094	0.10
	WLAN2.4G	802.11b	Top Side	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	-0.06	0.068	0.07
	WLAN2.4G	802.11b	Bottom Side	10	1			Ant 7	97.06	1.03	14.00	13.89	1.03	0	<0.001	0.00
28	WLAN2.4G	802.11b	Right Side	10	6			Ant 7	97.06	1.03	14.00	13.78	1.05	-0.01	0.116	0.13
	WLAN2.4G	802.11b	Right Side	10	11			Ant 7	97.06	1.03	14.00	13.64	1.09	0.05	0.11	0.12
																-
29	WLAN5.3G	802.11ac VHT80	Front Face	10	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.12	0.053	0.06
	WLAN5.3G	802.11ac VHT80	Rear Face	10	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0.07	0.04	0.04
																-
	WLAN5.6G	802.11ac VHT80	Front Face	10	138			Ant 7	98.70	1.01	9.00	8.93	1.02	-0.06	0.042	0.04
	WLAN5.6G	802.11ac VHT80	Rear Face	10	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0.12	0.033	0.03
30	WLAN5.6G	802.11ac VHT80	Front Face	10	106			Ant 7	98.70	1.01	9.00	8.61	1.09	0.13	0.047	0.05
	WLAN5.6G	802.11ac VHT80	Front Face	10	122			Ant 7	98.70	1.01	9.00	8.58	1.10	0.14	0.037	0.04
																-
31	WLAN5.8G	802.11ac VHT80	Front Face	10	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0.15	0.01	0.01
	WLAN5.8G	802.11ac VHT80	Rear Face	10	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.12	0.00855	0.01
																-
	BT	BDR	Front Face	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.02	0.01	0.01
	BT	BDR	Rear Face	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.14	0.00584	0.01
	BT	BDR	Left Side	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.02	<0.001	0.00
	BT	BDR	Right Side	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.14	0.007	0.01
	BT	BDR	Top Side	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.02	0.0093	0.01
	BT	BDR	Bottom Side	10	39			Ant 7	76.86	1.30	12.50	12.44	1.01	0.14	<0.001	0.00
32	BT	BDR	Front Face	10	0			Ant 7	76.86	1.30	12.50	12.24	1.06	0.15	0.011	0.02
	BT	BDR	Front Face	10	78			Ant 7	76.86	1.30	12.50	11.24	1.34	-0.02	0.00851	0.01
																-

Phablet SAR Test Result

System & Position								DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	RB#	RB offset	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
	WLAN5.3G	802.11ac VHT80	Front Face	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.08	0.195	0.21
	WLAN5.3G	802.11ac VHT80	Rear Face	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0.08	0.064	0.07
	WLAN5.3G	802.11ac VHT80	Left Side	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0	<0.001	0.00
	WLAN5.3G	802.11ac VHT80	Right Side	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0.02	0.053	0.06
34	WLAN5.3G	802.11ac VHT80	Top Side	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	-0.03	0.306	0.33
	WLAN5.3G	802.11ac VHT80	Bottom Side	0	58			Ant 7	98.70	1.01	11.00	10.70	1.07	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Front Face	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	-0.19	0.177	0.18
	WLAN5.6G	802.11ac VHT80	Rear Face	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0.09	0.062	0.06
	WLAN5.6G	802.11ac VHT80	Left Side	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Right Side	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0.17	0.037	0.04
	WLAN5.6G	802.11ac VHT80	Top Side	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	-0.05	0.27	0.28
	WLAN5.6G	802.11ac VHT80	Bottom Side	0	138			Ant 7	98.70	1.01	9.00	8.93	1.02	0	<0.001	0.00
35	WLAN5.6G	802.11ac VHT80	Top Side	0	106			Ant 7	98.70	1.01	9.00	8.61	1.09	0.04	0.289	0.32
	WLAN5.6G	802.11ac VHT80	Top Side	0	122			Ant 7	98.70	1.01	9.00	8.58	1.10	0.08	0.242	0.27
	WLAN5.8G	802.11ac VHT80	Front Face	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0.05	0.112	0.12
	WLAN5.8G	802.11ac VHT80	Rear Face	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0.06	0.037	0.04
	WLAN5.8G	802.11ac VHT80	Left Side	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.12	0.041	0.04
36	WLAN5.8G	802.11ac VHT80	Top Side	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	-0.01	0.126	0.13
	WLAN5.8G	802.11ac VHT80	Bottom Side	0	155			Ant 7	98.70	1.01	9.00	8.84	1.04	0	<0.001	0.00
33	NFC	ASK	Front Face	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Rear Face	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Left Side	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Right Side	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Top Side	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00
	NFC	ASK	Bottom Side	0	13.56MHz			Ant 7	-	1.00	-	-	1	0	<0.001	0.00

Appendix H. Analysis of Simultaneous Transmission.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

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

Simultaneous TX Combination	Capable Transmit Configurations	Head / Body-worn / Hotspot / Product Specific Exposure Condition
A	MAX. WWAN + WLAN2.4G_Ant 7	Yes
B	MAX. WWAN + WLAN5G_Ant 7	Yes
D	MAX. WWAN + BT_Ant 7	Yes
E	MAX. WWAN + WLAN5G_Ant 7 + BT_Ant 7	Yes

Notes

1. The WLAN 2.4G and WLAN 5G cannot transmit simultaneously.
2. The WLAN2.4G and Bluetooth cannot transmit simultaneously.
3. Simultaneous TX Combination B can be coverd by E.

Simultaneous Transmission SAR Evaluation (Head)									
Band	Position	1	2	3	5		A(1+2)	D(1+5)	E(1+3+5)
		Max WWAN	WLAN 2.4GHz Ant 7	Max WLAN 5GHz Ant 7	Max BT Ant 7		Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg				
GSM850	Right Cheek	0.22	0.11	0.29	0.05		0.33	0.27	0.56
	Right Tilted	0.12	0.08	0.28	0.04		0.20	0.16	0.44
	Left Cheek	0.18	0.41	0.42	0.19		0.59	0.37	0.79
	Left Tilted	0.09	0.27	0.39	0.12		0.36	0.21	0.60
GSM1900	Right Cheek	0.16	0.11	0.29	0.05		0.27	0.21	0.50
	Right Tilted	0.05	0.08	0.28	0.04		0.13	0.09	0.37
	Left Cheek	0.08	0.41	0.42	0.19		0.49	0.27	0.69
	Left Tilted	0.03	0.27	0.39	0.12		0.30	0.15	0.54
WCDMA II	Right Cheek	0.10	0.11	0.29	0.05		0.21	0.15	0.44
	Right Tilted	0.00	0.08	0.28	0.04		0.08	0.04	0.32
	Left Cheek	0.07	0.41	0.42	0.19		0.48	0.26	0.68
	Left Tilted	0.04	0.27	0.39	0.12		0.31	0.16	0.55
WCDMA V	Right Cheek	0.13	0.11	0.29	0.05		0.24	0.18	0.47
	Right Tilted	0.11	0.08	0.28	0.04		0.19	0.15	0.43
	Left Cheek	0.12	0.41	0.42	0.19		0.53	0.31	0.73
	Left Tilted	0.09	0.27	0.39	0.12		0.36	0.21	0.60
LTE 2	Right Cheek	0.12	0.11	0.29	0.05		0.23	0.17	0.46
	Right Tilted	0.00	0.08	0.28	0.04		0.08	0.04	0.32
	Left Cheek	0.07	0.41	0.42	0.19		0.48	0.26	0.68
	Left Tilted	0.00	0.27	0.39	0.12		0.27	0.12	0.51
LTE 5	Right Cheek	0.16	0.11	0.29	0.05		0.27	0.21	0.50
	Right Tilted	0.07	0.08	0.28	0.04		0.15	0.11	0.39
	Left Cheek	0.07	0.41	0.42	0.19		0.48	0.26	0.68
	Left Tilted	0.00	0.27	0.39	0.12		0.27	0.12	0.51
LTE 7	Right Cheek	0.37	0.11	0.29	0.05		0.48	0.42	0.71
	Right Tilted	0.09	0.08	0.28	0.04		0.17	0.13	0.41
	Left Cheek	0.12	0.41	0.42	0.19		0.53	0.31	0.73
	Left Tilted	0.09	0.27	0.39	0.12		0.36	0.21	0.60
LTE 12	Right Cheek	0.09	0.11	0.29	0.05		0.20	0.14	0.43
	Right Tilted	0.06	0.08	0.28	0.04		0.14	0.10	0.38
	Left Cheek	0.07	0.41	0.42	0.19		0.48	0.26	0.68
	Left Tilted	0.06	0.27	0.39	0.12		0.33	0.18	0.57
LTE 17	Right Cheek	0.10	0.11	0.29	0.05		0.21	0.15	0.44
	Right Tilted	0.07	0.08	0.28	0.04		0.15	0.11	0.39
	Left Cheek	0.08	0.41	0.42	0.19		0.49	0.27	0.69
	Left Tilted	0.08	0.27	0.39	0.12		0.35	0.20	0.59
LTE 38	Right Cheek	0.31	0.11	0.29	0.05		0.42	0.36	0.65
	Right Tilted	0.09	0.08	0.28	0.04		0.17	0.13	0.41
	Left Cheek	0.17	0.41	0.42	0.19		0.58	0.36	0.78
	Left Tilted	0.08	0.27	0.39	0.12		0.35	0.20	0.59
LTE 41	Right Cheek	0.31	0.11	0.29	0.05		0.42	0.36	0.65
	Right Tilted	0.10	0.08	0.28	0.04		0.18	0.14	0.42
	Left Cheek	0.21	0.41	0.42	0.19		0.62	0.40	0.82
	Left Tilted	0.09	0.27	0.39	0.12		0.36	0.21	0.60

Simultaneous Transmission SAR Evaluation (Body/Hotspot)									
Band	Position	1	2	3	5		A(1+2)	D(1+5)	E(1+3+5)
		Max WWAN	WLAN 2.4GHz Ant 7	Max WLAN 5GHz Ant 7	Max BT Ant 7		Summimg result	Summimg result	Summimg result
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Front Face	0.38	0.06	0.06	0.01		0.44	0.39	0.45
	Rear Face	0.40	0.04	0.04	0.01		0.44	0.41	0.45
	Left Side	0.13	0.00	0.00	0.00		0.13	0.13	0.13
	Right Side	0.37	0.13	0.00	0.01		0.50	0.38	0.38
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.42	0.00	0.00	0.00		0.42	0.42	0.42
GSM1900	Front Face	0.33	0.06	0.06	0.01		0.39	0.34	0.40
	Rear Face	0.36	0.04	0.04	0.01		0.40	0.37	0.41
	Left Side	0.26	0.00	0.00	0.00		0.26	0.26	0.26
	Right Side	0.08	0.13	0.00	0.01		0.21	0.09	0.09
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.71	0.00	0.00	0.00		0.71	0.71	0.71
WCDMA II	Front Face	0.27	0.06	0.06	0.01		0.33	0.28	0.34
	Rear Face	0.28	0.04	0.04	0.01		0.32	0.29	0.33
	Left Side	0.21	0.00	0.00	0.00		0.21	0.21	0.21
	Right Side	0.08	0.13	0.00	0.01		0.21	0.09	0.09
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.58	0.00	0.00	0.00		0.58	0.58	0.58
WCDMA V	Front Face	0.24	0.06	0.06	0.01		0.30	0.25	0.31
	Rear Face	0.25	0.04	0.04	0.01		0.29	0.26	0.30
	Left Side	0.05	0.00	0.00	0.00		0.05	0.05	0.05
	Right Side	0.21	0.13	0.00	0.01		0.34	0.22	0.22
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.31	0.00	0.00	0.00		0.31	0.31	0.31

Simultaneous Transmission SAR Evaluation (Body/Hotspot)									
LTE 2	Front Face	0.27	0.06	0.06	0.01		0.33	0.28	0.34
	Rear Face	0.25	0.04	0.04	0.01		0.29	0.26	0.30
	Left Side	0.21	0.00	0.00	0.00		0.21	0.21	0.21
	Right Side	0.09	0.13	0.00	0.01		0.22	0.10	0.10
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.55	0.00	0.00	0.00		0.55	0.55	0.55
LTE 5	Front Face	0.22	0.06	0.06	0.01		0.28	0.23	0.29
	Rear Face	0.21	0.04	0.04	0.01		0.25	0.22	0.26
	Left Side	0.00	0.00	0.00	0.00		0.00	0.00	0.00
	Right Side	0.23	0.13	0.00	0.01		0.36	0.24	0.24
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.28	0.00	0.00	0.00		0.28	0.28	0.28
LTE 7	Front Face	0.38	0.06	0.06	0.01		0.44	0.39	0.45
	Rear Face	0.39	0.04	0.04	0.01		0.43	0.40	0.44
	Left Side	0.17	0.00	0.00	0.00		0.17	0.17	0.17
	Right Side	0.23	0.13	0.00	0.01		0.36	0.24	0.24
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.51	0.00	0.00	0.00		0.51	0.51	0.51
LTE 12	Front Face	0.16	0.06	0.06	0.01		0.22	0.17	0.23
	Rear Face	0.16	0.04	0.04	0.01		0.20	0.17	0.21
	Left Side	0.09	0.00	0.00	0.00		0.09	0.09	0.09
	Right Side	0.30	0.13	0.00	0.01		0.43	0.31	0.31
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.16	0.00	0.00	0.00		0.16	0.16	0.16
LTE 17	Front Face	0.17	0.06	0.06	0.01		0.23	0.18	0.24
	Rear Face	0.17	0.04	0.04	0.01		0.21	0.18	0.22
	Left Side	0.10	0.00	0.00	0.00		0.10	0.10	0.10
	Right Side	0.30	0.13	0.00	0.01		0.43	0.31	0.31
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.16	0.00	0.00	0.00		0.16	0.16	0.16
LTE 38	Front Face	0.34	0.06	0.06	0.01		0.40	0.35	0.41
	Rear Face	0.35	0.04	0.04	0.01		0.39	0.36	0.40
	Left Side	0.13	0.00	0.00	0.00		0.13	0.13	0.13
	Right Side	0.20	0.13	0.00	0.01		0.33	0.21	0.21
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.43	0.00	0.00	0.00		0.43	0.43	0.43
LTE 41	Front Face	0.35	0.06	0.06	0.01		0.41	0.36	0.42
	Rear Face	0.30	0.04	0.04	0.01		0.34	0.31	0.35
	Left Side	0.12	0.00	0.00	0.00		0.12	0.12	0.12
	Right Side	0.18	0.13	0.00	0.01		0.31	0.19	0.19
	Top Side	0.00	0.07	0.00	0.01		0.07	0.01	0.01
	Bottom Side	0.42	0.00	0.00	0.00		0.42	0.42	0.42

Simultaneous Transmission SAR Evaluation (Phablet)									
Band	Position	1	2	3	5	6	A(1+2+6)	D(1+5+6)	E(1+3+5+6)
		Max WWAN	WLAN 2.4GHz Ant 7	Max WLAN 5GHz Ant 7	Max BT Ant 7	NFC	Summimg result 10g SAR W/kg	Summimg result 10g SAR W/kg	Summimg result 10g SAR W/kg
		10g SAR W/kg	10g SAR W/kg	10g SAR W/kg	10g SAR W/kg	10g SAR W/kg			
GSM850	Front Face			0.21		0.00	0.00	0.00	0.21
	Rear Face			0.07		0.00	0.00	0.00	0.07
	Left Side			0.00		0.00	0.00	0.00	0.00
	Right Side			0.06		0.00	0.00	0.00	0.06
	Top Side			0.33		0.00	0.00	0.00	0.33
	Bottom Side			0.00		0.00	0.00	0.00	0.00
GSM1900	Front Face			0.21		0.00	0.00	0.00	0.21
	Rear Face			0.07		0.00	0.00	0.00	0.07
	Left Side			0.00		0.00	0.00	0.00	0.00
	Right Side			0.06		0.00	0.00	0.00	0.06
	Top Side			0.33		0.00	0.00	0.00	0.33
	Bottom Side			0.00		0.00	0.00	0.00	0.00
WCDMA II	Front Face			0.21		0.00	0.00	0.00	0.21
	Rear Face			0.07		0.00	0.00	0.00	0.07
	Left Side			0.00		0.00	0.00	0.00	0.00
	Right Side			0.06		0.00	0.00	0.00	0.06
	Top Side			0.33		0.00	0.00	0.00	0.33
	Bottom Side			0.00		0.00	0.00	0.00	0.00
WCDMA V	Front Face			0.21		0.00	0.00	0.00	0.21
	Rear Face			0.07		0.00	0.00	0.00	0.07
	Left Side			0.00		0.00	0.00	0.00	0.00
	Right Side			0.06		0.00	0.00	0.00	0.06
	Top Side			0.33		0.00	0.00	0.00	0.33
	Bottom Side			0.00		0.00	0.00	0.00	0.00

Simultaneous Transmission SAR Evaluation (Phablet)								
LTE 2	Front Face	[redacted]	0.21	[redacted]	0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 5	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 7	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 12	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 17	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 38	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00
LTE 41	Front Face		0.21		0.00	0.00	0.00	0.21
	Rear Face		0.07		0.00	0.00	0.00	0.07
	Left Side		0.00		0.00	0.00	0.00	0.00
	Right Side		0.06		0.00	0.00	0.00	0.06
	Top Side		0.33		0.00	0.00	0.00	0.33
	Bottom Side		0.00		0.00	0.00	0.00	0.00

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test					
Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	CLA13	1018	Mar. 12, 2025	1 Year
System Validation Dipole	SPEAG	D750V3	1013	Aug. 22, 2024	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 22, 2024	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Feb. 12, 2025	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 15, 2024	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 11, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7554	Sep. 17, 2024	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	Feb. 17, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7797	Nov. 20, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1761	Sep. 19, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1589	Apr. 17, 2025	1 Year
Universal Radio Communication Tester	Anritsu	MT8821C	6272278333	Aug. 19, 2024	1 Year
Power Meter	Anritsu	ML2495A	1218009	Nov. 22, 2024	1 Year
Power Sensor	Anritsu	MA2411B	1207252	Nov. 22, 2024	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262411397	Dec. 11, 2024	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 12, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAK-3.5	1151	Jul. 15, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAK-12	1164	Mar. 13, 2025	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	4260	Nov. 11, 2024	1 Year

Appendix K. Considerations Related to Bluetooth for Setup and Testing

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the EUT was set to DH5 mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth transmission signal>

The duty factor of Bluetooth signal has been calculated as following.

Duty Factor = Pulse Width / Total Period = (5.7 - 2.81) / (6.57 - 2.81) = 76.86%