Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H2450_240527
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H2450

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,	,			2450.0, 0	6.71	1.79	38.7

Hardware Setup

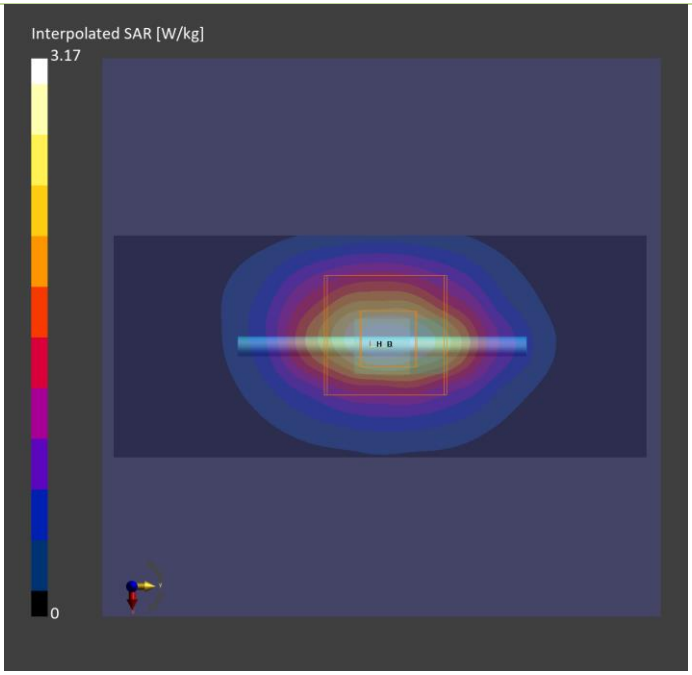
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-27	2024-05-27
psSAR1g [W/kg]	2.40	2.51
psSAR10g [W/kg]	1.11	1.22
Power Drift [dB]	0.04	-0.02



Plots of System Verification

Measurement Report
S02 System Check_H5250_240528
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H5250

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,	,			5250.0, 0	5.16	4.55	35.0

Hardware Setup

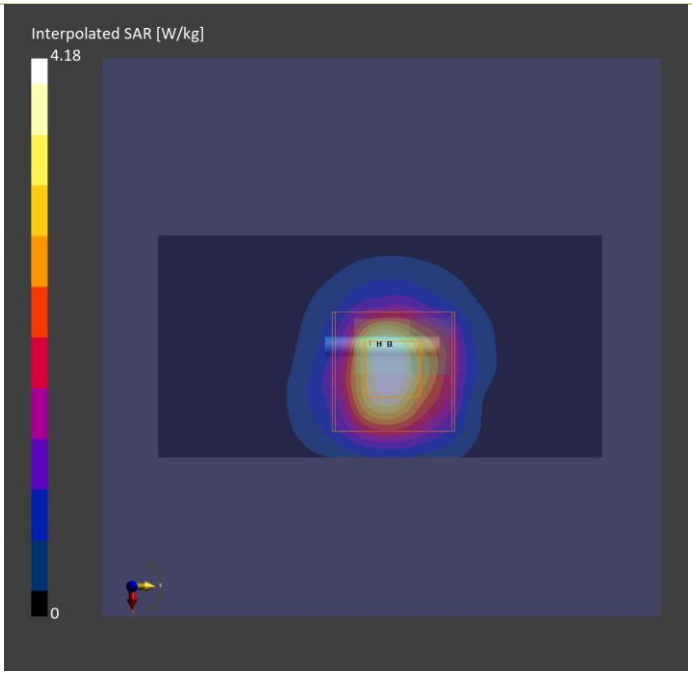
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-28	2024-05-28
psSAR1g [W/kg]	3.94	3.92
psSAR10g [W/kg]	0.992	1.21
Power Drift [dB]	-0.07	-0.13



Measurement Report
S03 System Check_H5600_240528
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H5600

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,	,			5600.0, 0	4.49	4.89	34.4

Hardware Setup

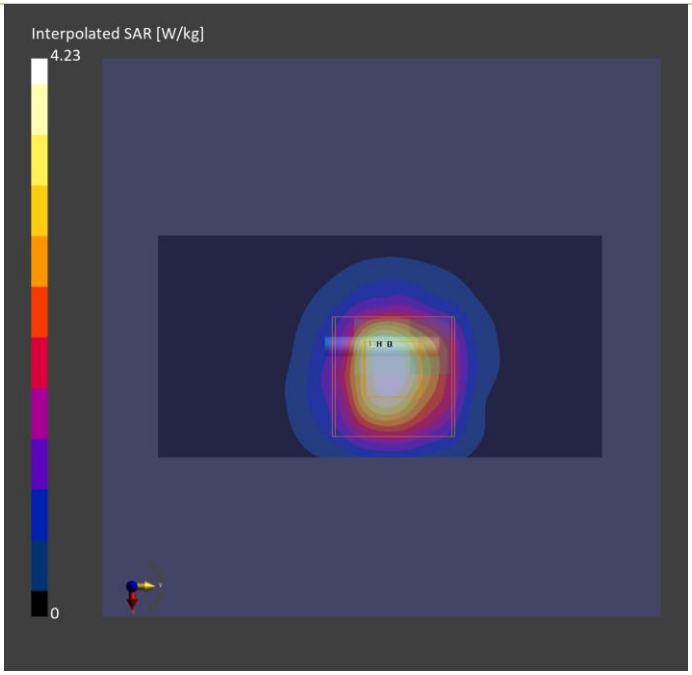
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-28	2024-05-28
psSAR1g [W/kg]	3.07	3.94
psSAR10g [W/kg]	0.998	1.21
Power Drift [dB]	0.12	0.04



Measurement Report
S04 System Check_H5800_240528
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H5800

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,	,			5800.0, 0	4.31	5.12	34.1

Hardware Setup

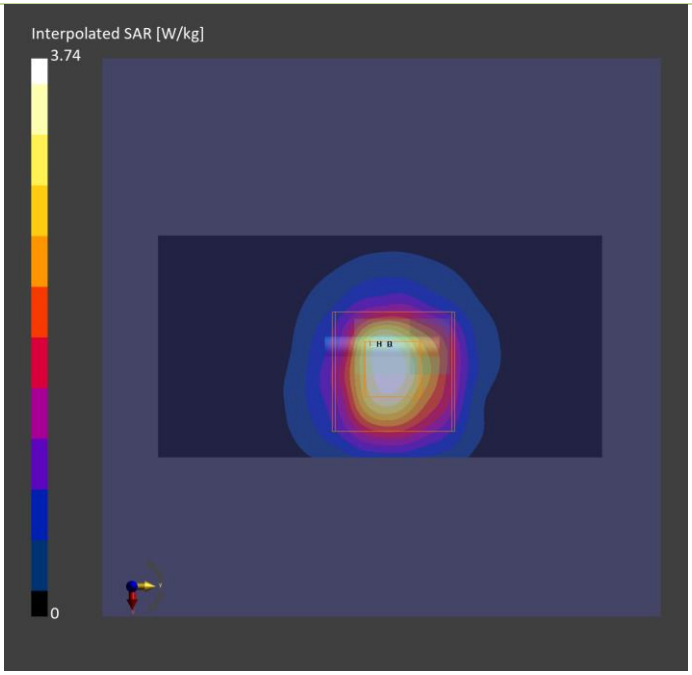
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-28	2024-05-28
psSAR1g [W/kg]	3.23	3.93
psSAR10g [W/kg]	0.913	1.29
Power Drift [dB]	0.08	-0.02



Plots of System Verification

Measurement Report
S05 System Check_H5800_240528
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H5800

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,	,			5800.0, 0	4.31	5.12	34.1

Hardware Setup

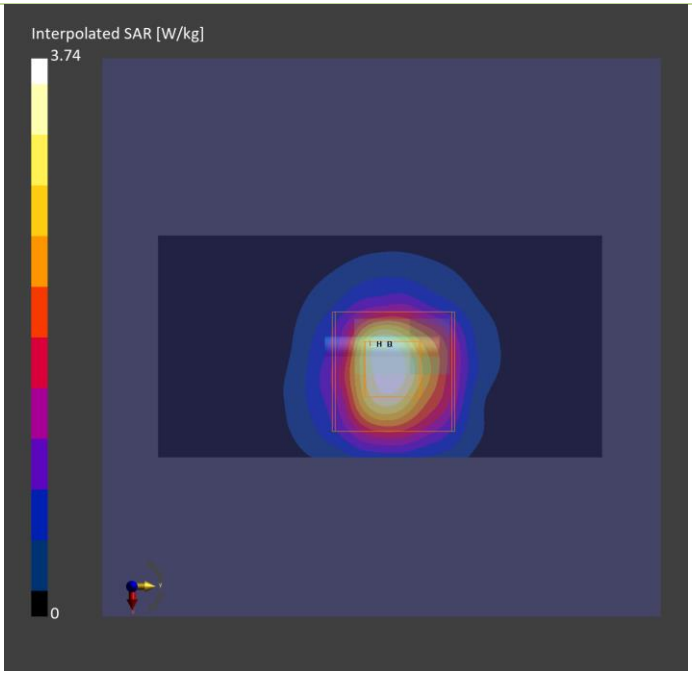
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-28	2024-05-28
psSAR1g [W/kg]	3.23	3.93
psSAR10g [W/kg]	0.913	1.29
Power Drift [dB]	0.08	-0.02



Plots of System Verification

Measurement Report
S06 System Check_H2450_240527
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	10.0 x 10.0 x 300.0		H2450

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,	,			2450.0, 0	6.71	1.79	38.7

Hardware Setup

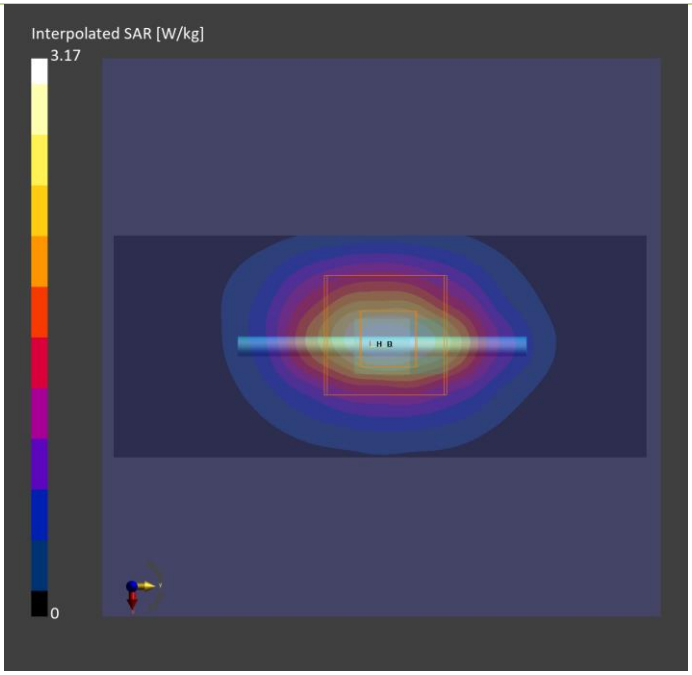
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

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	2024-05-27	2024-05-27
psSAR1g [W/kg]	2.40	2.51
psSAR10g [W/kg]	1.11	1.22
Power Drift [dB]	0.04	-0.02



Plots of System Verification

Measurement Report
S07 System Check_H6500_240527
Device under Test Properties

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

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,				6500.0	4.99	5.96	34.9

Hardware Setup

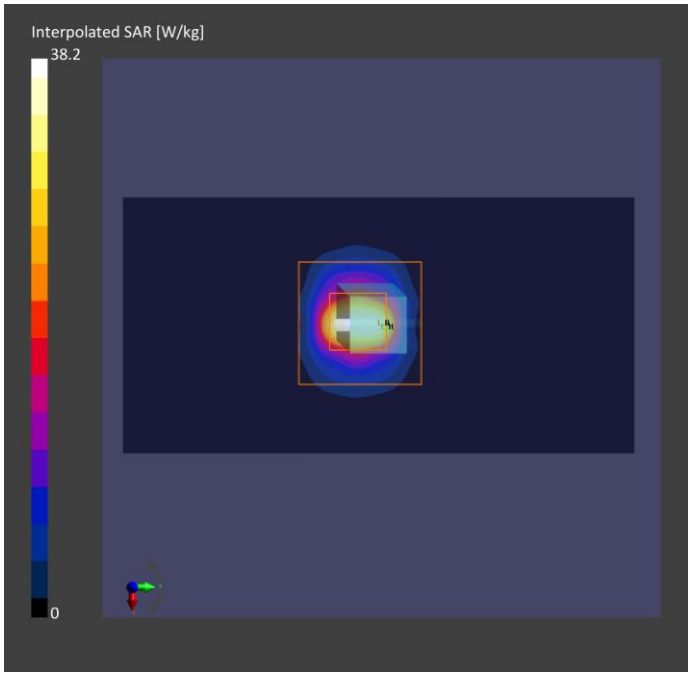
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H60T72N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-27	2024-05-27
psSAR1g [W/kg]	25.5	29.7
psSAR10g [W/kg]	5.05	5.41
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.13



Plots of System Verification

Measurement Report
S07 PD_System Check_10 GHz_2024.05.27
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1016	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

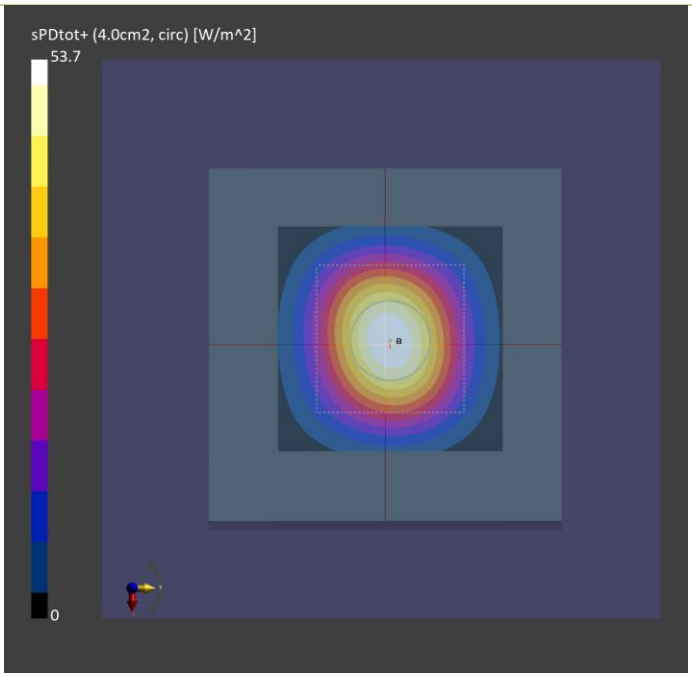
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9615_F1-55GHz, 2023-07-10	DAE4 Sn1431, 2023-08-24

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2024-05-27
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	53.5
psPDtot+ [W/m^2]	53.7
psPDmod+ [W/m^2]	54.0
E_{max} [V/m]	147
Power Drift [dB]	-0.01



Appendix B. Plots of Measurement

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

Measurement Report
P01 WLAN2.4G_802.11b_Rear Face_5mm_Ch1_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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,	Rear Face, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	6.71	1.77	39.3

Hardware Setup

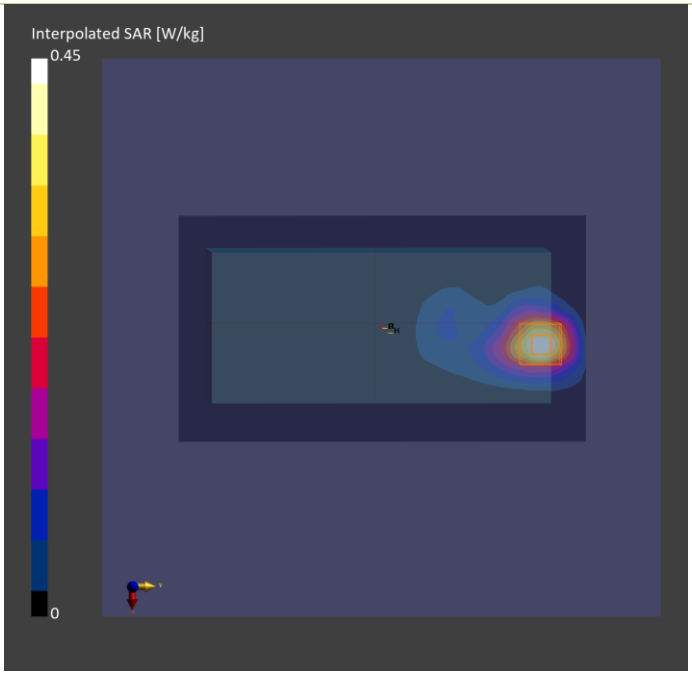
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	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	2024-05-27	2024-05-27
psSAR1g [W/kg]	0.363	0.392
psSAR10g [W/kg]	0.183	0.187
Power Drift [dB]	-0.06	0.04
M2/M1 [%]		44.7
Dist 3dB Peak [mm]		9.9



Measurement Report
P02 WLAN5.3G_802.11ac VHT160_Right Side_5mm_Ch50_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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, 5.00	WLAN 5GHz	WLAN, 10554-ACC	5250.000, 50	5.16	4.55	35.0

Hardware Setup

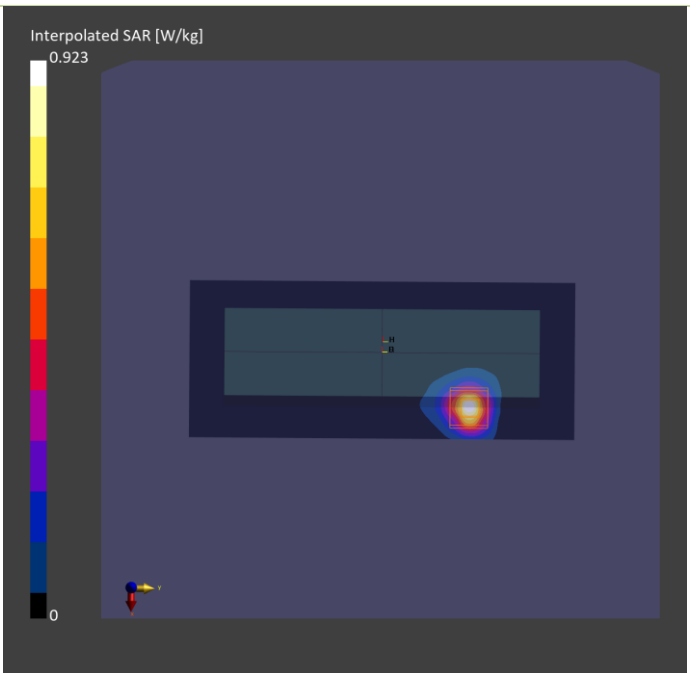
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 220.0	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	2024-05-28	2024-05-28
psSAR1g [W/kg]	0.627	0.653
psSAR10g [W/kg]	0.212	0.221
Power Drift [dB]	-0.05	-0.03
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		9.0



Measurement Report
P03 WLAN5.6G_802.11ac VHT160_Right Side_5mm_Ch114_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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, 5.00	WLAN 5GHz	WLAN, 10554-AAC	5570.000, 114	4.49	4.86	34.5

Hardware Setup

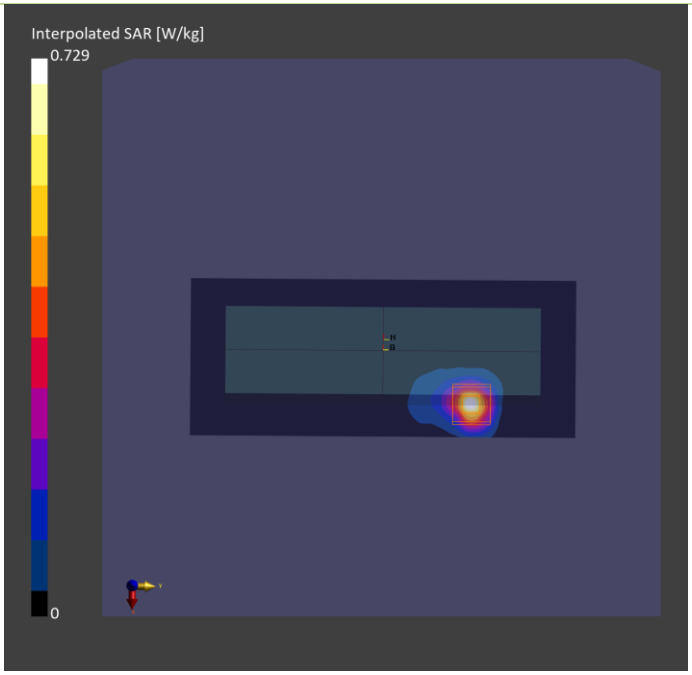
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 220.0	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	2024-05-28	2024-05-28
psSAR1g [W/kg]	0.488	0.550
psSAR10g [W/kg]	0.159	0.176
Power Drift [dB]	-0.01	0.11
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		9.0



Measurement Report
P04 WLAN5.8G_802.11ac VHT80_Right Side_5mm_Ch155_Ant 0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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, 5.00	WLAN 5GHz	WLAN, 10544-AAC	5775.000, 155	4.31	5.09	34.1

Hardware Setup

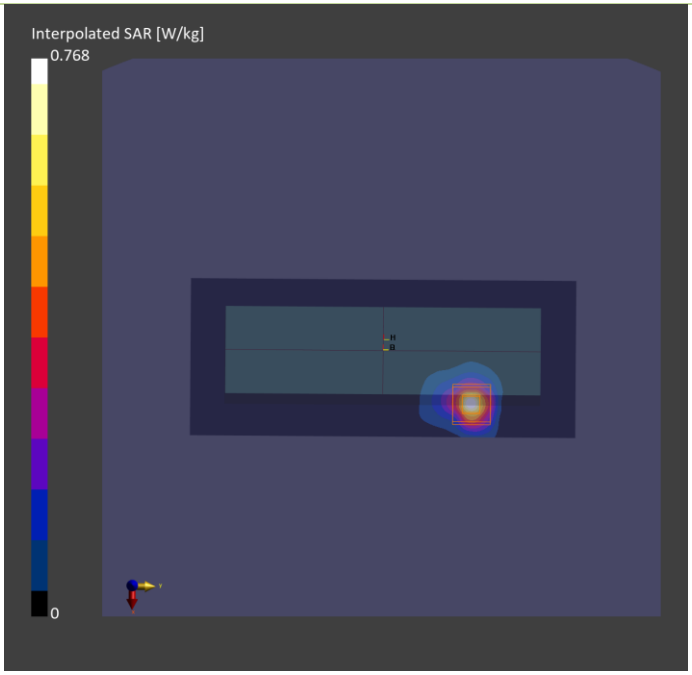
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 220.0	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	2024-05-28	2024-05-28
psSAR1g [W/kg]	0.521	0.555
psSAR10g [W/kg]	0.167	0.168
Power Drift [dB]	0.03	0.07
M2/M1 [%]		58.8
Dist 3dB Peak [mm]		8.0



Measurement Report
P05 WLAN5.9G_802.11ac VHT160_Right Side_5mm_Ch163_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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, 5.00	U-NII-4	WLAN, 10554-AAC	5815.000, 163	4.31	5.13	34.1

Hardware Setup

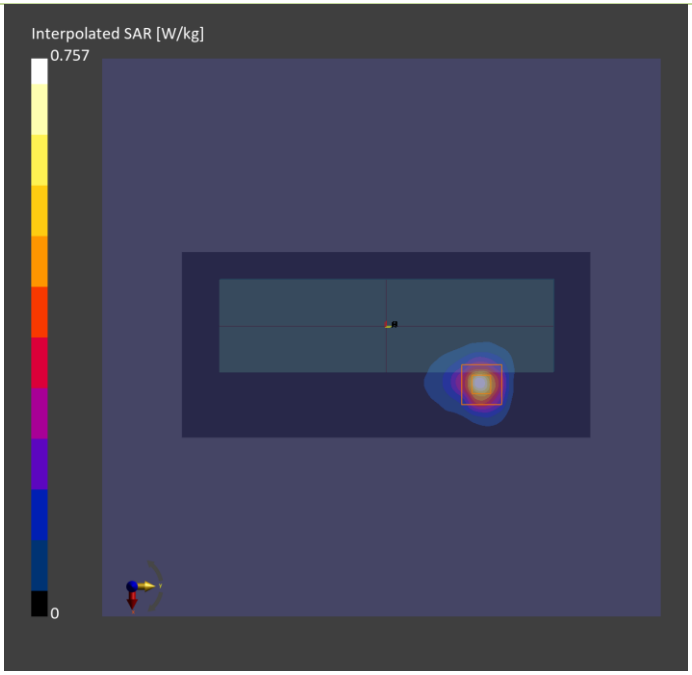
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H50T60N8 , 2024-May-28	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 220.0	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	2024-05-28	2024-05-28
psSAR1g [W/kg]	0.636	0.633
psSAR10g [W/kg]	0.239	0.241
Power Drift [dB]	0.03	0.08
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		8.2



Plots of Measurement

Measurement Report
P06 BT_BDR_Rear Face_5mm_Ch0_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
24030256,	180.0 x 50.0 x 80.0		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,	Rear Face, 5.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	6.71	1.76	38.7

Hardware Setup

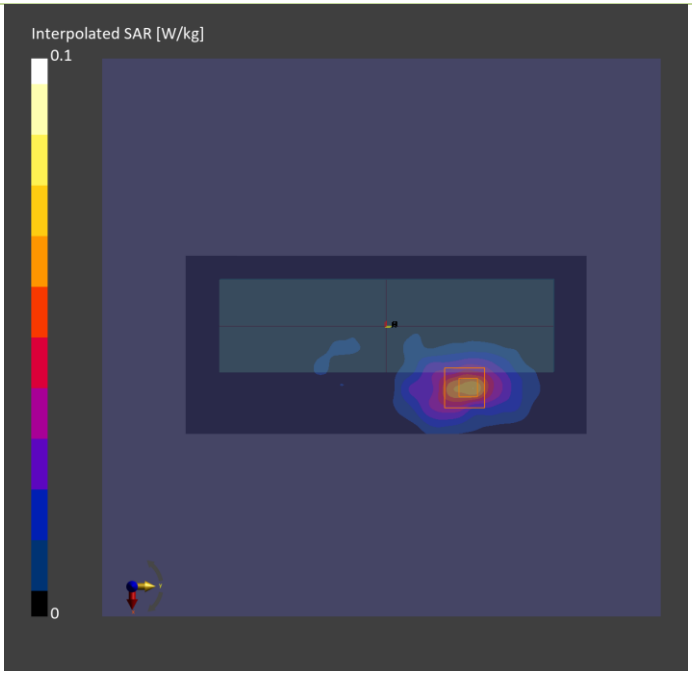
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H19T27N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 216.0	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	2024-05-27	2024-05-27
psSAR1g [W/kg]	0.057	0.058
psSAR10g [W/kg]	0.028	0.027
Power Drift [dB]	-0.09	0.05
M2/M1 [%]		55.5
Dist 3dB Peak [mm]		9.6



Plots of Measurement

Measurement Report
P07 UNII-5_802.11ax HE160_Right Side_5mm_Ch15_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BARR-WTW-P24030256,	165.0 x 80.0 x 45.0		Module

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, 5.00	U-NII-5	WLAN, 10755-AAC	6025.000, 15	4.99	5.39	35.7

Hardware Setup

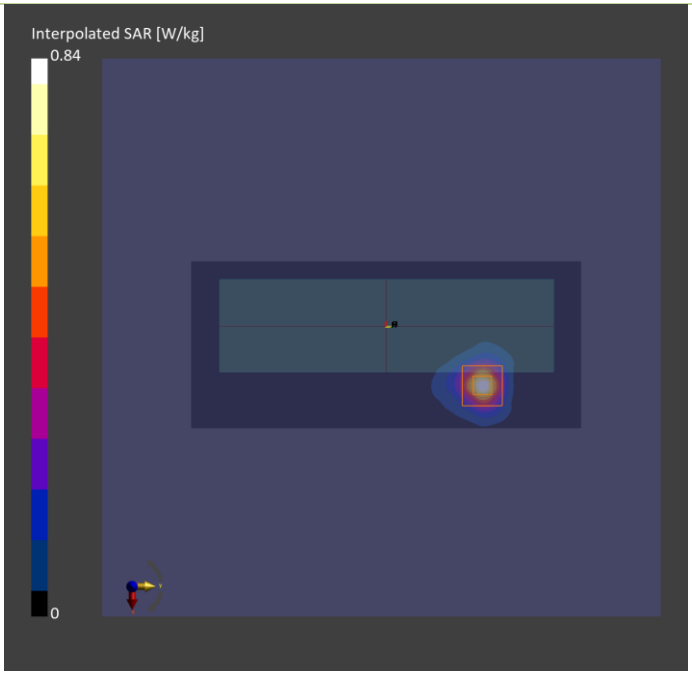
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2186	H60T72N8 , 2024-May-27	EX3DV4 - SN7736, 2024-02-01	DAE4 Sn1761, 2023-11-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 195.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-27	2024-05-27
psSAR1g [W/kg]	0.685	0.692
psSAR10g [W/kg]	0.195	0.253
psAPD (1.0cm2, sq) [W/m2]		6.92
psAPD (4.0cm2, sq) [W/m2]		4.70
Power Drift [dB]	-0.06	-0.06
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		6.3



Plots of Measurement

Measurement Report
P07 PD UNII-5_802.11ax HE160_Right Side_5mm_Ch15_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, BARR-WTW-P24030256	180.0 x 80.0 x 80.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Right Side, 5.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

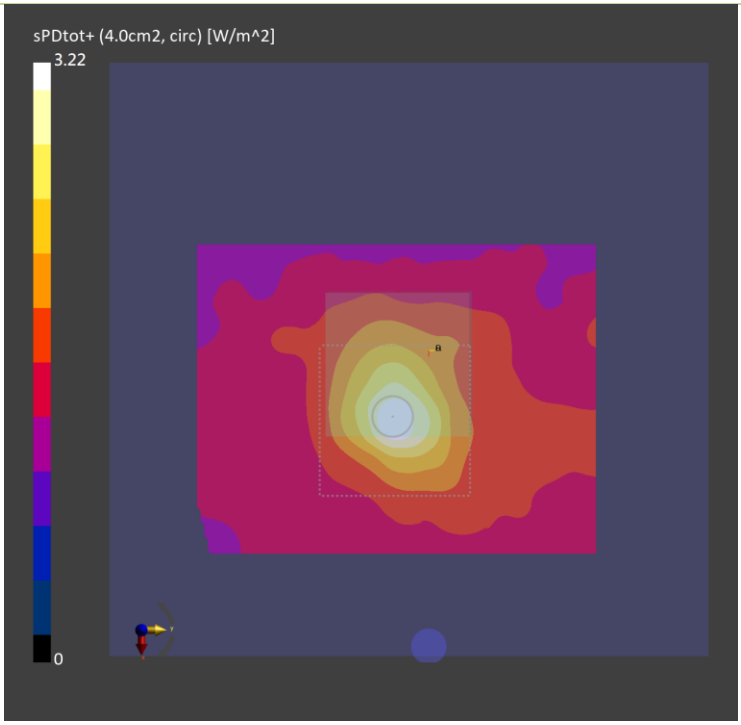
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9615_F1-55GHz, 2023-07-10	DAE4 Sn1431, 2023-08-24

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	5.0
MAIA	Y

Measurement Results

	5G Scan
Date	2024-05-27
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.95
psPDtot+ [W/m^2]	3.22
psPDmod+ [W/m^2]	3.56
E_{max} [V/m]	43.9
Power Drift [dB]	-0.02



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	2450	21.9	1.79	38.7	1.8	39.2	-0.56	-1.28	Pass	Pass	Pass	OFDM	N/A	Pass	May 27, 2024	2450	52.90	2.51	50.08	-5.33	737	7736	1761	17
S02	5250	22.1	4.55	35	4.71	35.9	-3.40	-2.51	Pass	Pass	Pass	OFDM	N/A	Pass	May 28, 2024	5250	80.20	3.92	78.21	-2.48	1019	7736	1761	17
S03	5600	22.1	4.89	34.4	5.07	35.5	-3.55	-3.10	Pass	Pass	Pass	OFDM	N/A	Pass	May 28, 2024	5600	82.90	3.94	78.61	-5.17	1019	7736	1761	17
S04	5800	22.1	5.12	34.1	5.27	35.3	-2.85	-3.40	Pass	Pass	Pass	OFDM	N/A	Pass	May 28, 2024	5800	80.30	3.93	78.41	-2.35	1019	7736	1761	17
S05	5800	22.1	5.12	34.1	5.27	35.3	-2.85	-3.40	Pass	Pass	Pass	OFDM	N/A	Pass	May 28, 2024	5800	80.30	3.93	78.41	-2.35	1019	7736	1761	17
S06	2450	22.1	1.79	38.7	1.8	39.2	-0.56	-1.28	Pass	Pass	Pass	OFDM	N/A	Pass	May 27, 2024	2450	52.90	2.51	50.08	-5.33	737	7736	1761	17
S07	6500	21.9	5.96	34.9	6.07	34.5	-1.81	1.16	Pass	Pass	Pass	OFDM	N/A	Pass	May 27, 2024	6500	292.00	29.7	297.00	1.71	1008	7736	1761	20

System Performance Check for Incident Power Density Measurement									
Plot No.	Test Date	Frequency [GHz]	mmWave Probe S/N	Verification Source S/N	Averaging Area [cm^2]	Distance [mm]	Target Power Density [W/m^2]	Measured Power Density [W/m^2]	Deviation [%]
S07	May 27, 2024	10	9615	1025	4	10.0	56.2	53.7	-4.45%

Appendix D. Maximum Target Conducted Power

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

Tune-up Power (1T1S)			
WLAN 2.4GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11b	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11g	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11n HT20	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11n HT40	3	2422	15.5
	6	2437	15.5
	9	2452	15.5
	10	2457	15.5
	11	2462	15.5
802.11ac VHT20	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11ac VHT40	3	2422	15.5
	6	2437	15.5
	9	2452	15.5
	10	2457	15.5
	11	2462	15.5
802.11ax HE20	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11ax HE40	3	2422	15.5
	6	2437	15.5
	9	2452	15.5
	10	2457	15.5
	11	2462	15.5
802.11be EHT20	1	2412	15.5
	6	2437	15.5
	11	2462	15.5
	12	2467	15.5
	13	2472	15.5
802.11be EHT40	3	2422	15.5
	6	2437	15.5
	9	2452	15.5
	10	2457	15.5
	11	2462	15.5

Tune-up Power (1T1S)			
Bluetooth			
Mode	Channel	Frequency	Ant 0&1 Max Tune-up
BR / EDR	0	2402	13.0
	39	2441	13.0
	78	2480	13.0
LE	0	2402	13.0
	19	2440	13.0
	39	2480	13.0

Tune-up Power (1T1S)			
WLAN 5.2GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11n HT20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11n HT40	38	5190	14.0
	46	5230	14.0
802.11ac VHT20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11ac VHT40	38	5190	14.0
	46	5230	14.0
802.11ac VHT80	42	5210	14.0
802.11ax HE20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11ax HE40	38	5190	14.0
	46	5230	14.0
802.11ax HE80	42	5210	14.0
802.11be EHT20	36	5180	14.0
	40	5200	14.0
	44	5220	14.0
	48	5240	14.0
802.11be EHT40	38	5190	14.0
	46	5230	14.0
802.11be EHT80	42	5210	14.0

Tune-up Power (1T1S)			
WLAN 5.3GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11n HT20	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11n HT40	54	5270	14.0
	62	5310	14.0
802.11ac VHT20	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11ac VHT40	54	5270	14.0
	62	5310	14.0
802.11ac VHT80	58	5290	14.0
802.11ac VHT160	50	5250	14.0
802.11ax HE20	52	5260	14.0
	56	5280	14.0
	60	5300	14.0
	64	5320	14.0
802.11ax HE40	54	5270	14.0
	62	5310	14.0
802.11ax HE80	58	5290	14.0
802.11ax HE160	50	5250	14.0

Tune-up Power (1T1S)			
WLAN 5.6GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
	144	5720	14.0
802.11n HT20	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
	144	5720	14.0
802.11n HT40	102	5510	14.0
	110	5550	14.0
	118	5590	14.0
	126	5630	14.0
	134	5670	14.0
	142	5710	14.0
802.11ac VHT20	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
	144	5720	14.0
802.11ac VHT40	102	5510	14.0
	110	5550	14.0
	118	5590	14.0
	126	5630	14.0
	134	5670	14.0
	142	5710	14.0
802.11ac VHT80	106	5530	14.0
	122	5610	14.0
	138	5690	14.0
802.11ac VHT160	114	5570	14.0
802.11ax HE20	100	5500	14.0
	116	5580	14.0
	120	5600	14.0
	124	5620	14.0
	132	5660	14.0
	140	5700	14.0
	144	5720	14.0
802.11ax HE40	102	5510	14.0
	110	5550	14.0
	118	5590	14.0
	126	5630	14.0
	134	5670	14.0
	142	5710	14.0
802.11ax HE80	106	5530	14.0
	122	5610	14.0
	138	5690	14.0
802.11ax HE160	114	5570	14.0

Tune-up Power (1T1S)			
WLAN 5.8GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11n HT20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11n HT40	151	5755	14.0
	159	5795	14.0
802.11ac VHT20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11ac VHT40	151	5755	14.0
	159	5795	14.0
802.11ac VHT80	155	5775	14.0
802.11ax HE20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11ax HE40	151	5755	14.0
	159	5795	14.0
802.11ax HE80	155	5775	14.0
802.11be EHT20	149	5745	14.0
	153	5765	14.0
	157	5785	14.0
	161	5805	14.0
	165	5825	14.0
802.11be EHT40	151	5755	14.0
	159	5795	14.0
802.11be EHT80	155	5775	14.0

Tune-up Power (1T1S)			
WLAN 5.9GHz			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	169	5845	14.0
	173	5865	14.0
	177	5885	14.0
802.11n HT20	169	5845	14.0
	173	5865	14.0
	177	5885	14.0
802.11n HT40	167	5835	14.0
	175	5875	14.0
802.11ac VHT20	169	5845	14.0
	173	5865	14.0
	177	5885	14.0
802.11ac VHT40	167	5835	14.0
	175	5875	14.0
802.11ac VHT80	171	5855	14.0
802.11ac VHT160	163	5815	14.0
802.11ax HE20	169	5845	14.0
	173	5865	14.0
	177	5885	14.0
802.11ax HE40	167	5835	14.0
	175	5875	14.0
802.11ax HE80	171	5855	14.0
802.11ax HE160	163	5815	14.0
802.11be EHT40	167	5835	14.0
	175	5875	14.0
802.11be EHT80	171	5855	14.0
802.11be EHT160	163	5815	14.0

Tune-up Power (1T1S)_SP			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	1	5955	13.5
	5	5975	13.5
	9	5995	13.5
	13	6015	13.5
	17	6035	13.5
	21	6055	13.5
	25	6075	13.5
	29	6095	13.5
	33	6115	13.5
	37	6135	13.5
	41	6155	13.5
	45	6175	13.5
	49	6195	13.5
	53	6215	13.5
	57	6235	13.5
	61	6255	13.5
	65	6275	13.5
	69	6295	13.5
	73	6315	13.5
	77	6335	13.5
	81	6355	13.5
	85	6375	13.5
	89	6395	13.5
	93	6415	13.5
802.11ax HE20	1	5955	13.5
	5	5975	13.5
	9	5995	13.5
	13	6015	13.5
	17	6035	13.5
	21	6055	13.5
	25	6075	13.5
	29	6095	13.5
	33	6115	13.5
	37	6135	13.5
	41	6155	13.5
	45	6175	13.5
	49	6195	13.5
	53	6215	13.5
	57	6235	13.5
	61	6255	13.5
	65	6275	13.5
	69	6295	13.5
	73	6315	13.5
	77	6335	13.5
	81	6355	13.5
	85	6375	13.5
	89	6395	13.5
	93	6415	13.5

Tune-up Power (1T1S)_SP			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11ax HE40	3	5965	13.5
	11	6005	13.5
	19	6045	13.5
	27	6085	13.5
	35	6125	13.5
	43	6165	13.5
	51	6205	13.5
	59	6245	13.5
	67	6285	13.5
	75	6325	13.5
	83	6365	13.5
	91	6405	13.5
802.11ax HE80	7	5985	13.5
	23	6065	13.5
	39	6145	13.5
	55	6225	13.5
	71	6305	13.5
	87	6385	13.5
802.11ax HE160	15	6025	13.5
	47	6185	13.5
	79	6345	13.5

Tune-up Power (1T1S)_SP			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11be EHT20	1	5955	13.5
	5	5975	13.5
	9	5995	13.5
	13	6015	13.5
	17	6035	13.5
	21	6055	13.5
	25	6075	13.5
	29	6095	13.5
	33	6115	13.5
	37	6135	13.5
	41	6155	13.5
	45	6175	13.5
	49	6195	13.5
	53	6215	13.5
	57	6235	13.5
	61	6255	13.5
	65	6275	13.5
	69	6295	13.5
	73	6315	13.5
	77	6335	13.5
	81	6355	13.5
	85	6375	13.5
	89	6395	13.5
	93	6415	13.5
802.11be EHT40	3	5965	13.5
	11	6005	13.5
	19	6045	13.5
	27	6085	13.5
	35	6125	13.5
	43	6165	13.5
	51	6205	13.5
	59	6245	13.5
	67	6285	13.5
	75	6325	13.5
	83	6365	13.5
	91	6405	13.5
802.11be EHT80	7	5985	13.5
	23	6065	13.5
	39	6145	13.5
	55	6225	13.5
	71	6305	13.5
	87	6385	13.5
802.11be EHT160	15	6025	13.5
	47	6185	13.5
	79	6345	13.5

Tune-up Power (1T1S)_SP			
UNII-7			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	121	6555	13.5
	125	6575	13.5
	129	6595	13.5
	133	6615	13.5
	137	6635	13.5
	141	6655	13.5
	145	6675	13.5
	149	6695	13.5
	153	6715	13.5
	157	6735	13.5
	161	6755	13.5
	165	6775	13.5
	169	6795	13.5
	173	6815	13.5
	177	6835	13.5
	181	6855	13.5
	185	6875	13.5
802.11ax HE20	121	6555	13.5
	125	6575	13.5
	129	6595	13.5
	133	6615	13.5
	137	6635	13.5
	141	6655	13.5
	145	6675	13.5
	149	6695	13.5
	153	6715	13.5
	157	6735	13.5
	161	6755	13.5
	165	6775	13.5
	169	6795	13.5
	173	6815	13.5
	177	6835	13.5
	181	6855	13.5
	185	6875	13.5
802.11ax HE40	123	6565	13.5
	131	6605	13.5
	139	6645	13.5
	147	6685	13.5
	155	6725	13.5
	163	6765	13.5
	171	6805	13.5
	179	6845	13.5
	187	6885	13.5
802.11ax HE80	135	6625	13.5
	151	6705	13.5
	167	6785	13.5
	183	6865	13.5
802.11ax HE160	143	6665	13.5
	175	6825	13.5

Tune-up Power (1T1S)_SP			
UNII-7			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11be EHT20	121	6555	13.5
	125	6575	13.5
	129	6595	13.5
	133	6615	13.5
	137	6635	13.5
	141	6655	13.5
	145	6675	13.5
	149	6695	13.5
	153	6715	13.5
	157	6735	13.5
	161	6755	13.5
	165	6775	13.5
	169	6795	13.5
	173	6815	13.5
	177	6835	13.5
	181	6855	13.5
	185	6875	13.5
802.11be EHT40	123	6565	13.5
	131	6605	13.5
	139	6645	13.5
	147	6685	13.5
	155	6725	13.5
	163	6765	13.5
	171	6805	13.5
	179	6845	13.5
	187	6885	13.5
802.11be EHT80	135	6625	13.5
	151	6705	13.5
	167	6785	13.5
	183	6865	13.5
802.11be EHT160	143	6665	13.5
	175	6825	13.5

Tune-up Power (1T1S)_LPI			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	1	5955	8.0
	5	5975	8.0
	9	5995	8.0
	13	6015	8.0
	17	6035	8.0
	21	6055	8.0
	25	6075	8.0
	29	6095	8.0
	33	6115	8.0
	37	6135	8.0
	41	6155	8.0
	45	6175	8.0
	49	6195	8.0
	53	6215	8.0
	57	6235	8.0
	61	6255	8.0
	65	6275	8.0
	69	6295	8.0
	73	6315	8.0
	77	6335	8.0
	81	6355	8.0
	85	6375	8.0
	89	6395	8.0
	93	6415	8.0
802.11ax HE20	1	5955	8.0
	5	5975	8.0
	9	5995	8.0
	13	6015	8.0
	17	6035	8.0
	21	6055	8.0
	25	6075	8.0
	29	6095	8.0
	33	6115	8.0
	37	6135	8.0
	41	6155	8.0
	45	6175	8.0
	49	6195	8.0
	53	6215	8.0
	57	6235	8.0
	61	6255	8.0
	65	6275	8.0
	69	6295	8.0
	73	6315	8.0
	77	6335	8.0
	81	6355	8.0
	85	6375	8.0
	89	6395	8.0
	93	6415	8.0

Tune-up Power (1T1S)_LPI			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11ax HE40	3	5965	10.5
	11	6005	10.5
	19	6045	10.5
	27	6085	10.5
	35	6125	10.5
	43	6165	10.5
	51	6205	10.5
	59	6245	10.5
	67	6285	10.5
	75	6325	10.5
	83	6365	10.5
	91	6405	10.5
802.11ax HE80	7	5985	13.0
	23	6065	13.0
	39	6145	13.0
	55	6225	13.0
	71	6305	13.0
	87	6385	13.0
802.11ax HE160	15	6025	13.5
	47	6185	13.5
	79	6345	13.5

Tune-up Power (1T1S)_LPI			
UNII-5			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11be EHT20	1	5955	8.0
	5	5975	8.0
	9	5995	8.0
	13	6015	8.0
	17	6035	8.0
	21	6055	8.0
	25	6075	8.0
	29	6095	8.0
	33	6115	8.0
	37	6135	8.0
	41	6155	8.0
	45	6175	8.0
	49	6195	8.0
	53	6215	8.0
	57	6235	8.0
	61	6255	8.0
	65	6275	8.0
	69	6295	8.0
	73	6315	8.0
	77	6335	8.0
	81	6355	8.0
	85	6375	8.0
	89	6395	8.0
	93	6415	8.0
802.11be EHT40	3	5965	10.5
	11	6005	10.5
	19	6045	10.5
	27	6085	10.5
	35	6125	10.5
	43	6165	10.5
	51	6205	10.5
	59	6245	10.5
	67	6285	10.5
	75	6325	10.5
	83	6365	10.5
	91	6405	10.5
802.11be EHT80	7	5985	13.0
	23	6065	13.0
	39	6145	13.0
	55	6225	13.0
	71	6305	13.0
	87	6385	13.0
802.11be EHT160	15	6025	13.5
	47	6185	13.5
	79	6345	13.5

Tune-up Power (1T1S)_LPI			
UNII-6			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	97	6435	8.0
	101	6455	8.0
	105	6475	8.0
	109	6495	8.0
	113	6515	8.0
	117	6535	8.0
802.11ax HE20	97	6435	8.0
	101	6455	8.0
	105	6475	8.0
	109	6495	8.0
	113	6515	8.0
	117	6535	8.0
802.11ax HE40	99	6445	10.5
	107	6485	10.5
	115	6525	10.5
802.11ax HE80	103	6465	13.0
	119	6545	13.0
802.11ax HE160	111	6505	13.5
802.11be EHT20	97	6435	8.0
	101	6455	8.0
	105	6475	8.0
	109	6495	8.0
	113	6515	8.0
	117	6535	8.0
802.11be EHT40	99	6445	10.5
	107	6485	10.5
	115	6525	10.5
802.11be EHT80	103	6465	13.0
	119	6545	13.0
802.11be EHT160	111	6505	13.5

Tune-up Power (1T1S)_LPI			
UNII-7			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	121	6555	8.0
	125	6575	8.0
	129	6595	8.0
	133	6615	8.0
	137	6635	8.0
	141	6655	8.0
	145	6675	8.0
	149	6695	8.0
	153	6715	8.0
	157	6735	8.0
	161	6755	8.0
	165	6775	8.0
	169	6795	8.0
	173	6815	8.0
	177	6835	8.0
	181	6855	8.0
	185	6875	8.0
802.11ax HE20	121	6555	8.0
	125	6575	8.0
	129	6595	8.0
	133	6615	8.0
	137	6635	8.0
	141	6655	8.0
	145	6675	8.0
	149	6695	8.0
	153	6715	8.0
	157	6735	8.0
	161	6755	8.0
	165	6775	8.0
	169	6795	8.0
	173	6815	8.0
	177	6835	8.0
	181	6855	8.0
	185	6875	8.0
802.11ax HE40	123	6565	10.5
	131	6605	10.5
	139	6645	10.5
	147	6685	10.5
	155	6725	10.5
	163	6765	10.5
	171	6805	10.5
	179	6845	10.5
	187	6885	10.5
802.11ax HE80	135	6625	13.0
	151	6705	13.0
	167	6785	13.0
	183	6865	13.0
802.11ax HE160	143	6665	16.5
	175	6825	13.5

Tune-up Power (1T1S)_LPI			
UNII-7			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11be EHT20	121	6555	8.0
	125	6575	8.0
	129	6595	8.0
	133	6615	8.0
	137	6635	8.0
	141	6655	8.0
	145	6675	8.0
	149	6695	8.0
	153	6715	8.0
	157	6735	8.0
	161	6755	8.0
	165	6775	8.0
	169	6795	8.0
	173	6815	8.0
	177	6835	8.0
	181	6855	8.0
	185	6875	8.0
802.11be EHT40	123	6565	10.5
	131	6605	10.5
	139	6645	10.5
	147	6685	10.5
	155	6725	10.5
	163	6765	10.5
	171	6805	10.5
	179	6845	10.5
	187	6885	10.5
802.11be EHT80	135	6625	13.0
	151	6705	13.0
	167	6785	13.0
	183	6865	13.0
802.11be EHT160	143	6665	13.5
	175	6825	13.5

Tune-up Power (1T1S)_LPI			
UNII-8			
Mode	Channel	Frequency	SISO Ant 0&1 Max Tune up
802.11a	189	6895	8.0
	193	6915	8.0
	197	6935	8.0
	201	6955	8.0
	205	6975	8.0
	209	6995	8.0
	213	7015	8.0
	217	7035	8.0
	221	7055	8.0
	225	7075	8.0
	229	7095	8.0
	233	7115	8.0
802.11ax HE20	189	6895	8.0
	193	6915	8.0
	197	6935	8.0
	201	6955	8.0
	205	6975	8.0
	209	6995	8.0
	213	7015	8.0
	217	7035	8.0
	221	7055	8.0
	225	7075	8.0
	229	7095	8.0
	233	7115	8.0
802.11ax HE40	195	6925	10.5
	203	6965	10.5
	211	7005	10.5
	219	7045	10.5
	227	7085	10.5
802.11ax HE80	199	6945	13.0
	215	7025	13.0
802.11ax HE160	207	6985	13.5
802.11be EHT20	189	6895	8.0
	193	6915	8.0
	197	6935	8.0
	201	6955	8.0
	205	6975	8.0
	209	6995	8.0
	213	7015	8.0
	217	7035	8.0
	221	7055	8.0
	225	7075	8.0
	229	7095	8.0
	233	7115	8.0
802.11be EHT40	195	6925	10.5
	203	6965	10.5
	211	7005	10.5
	219	7045	10.5
	227	7085	10.5
802.11be EHT80	199	6945	13.0
	215	7025	13.0
802.11be EHT160	207	6985	13.5

Tune-up Power (2T1S)				
WLAN 2.4GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11b	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	11.0	11.0
802.11g	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	14.0	14.0

Tune-up Power (2T1S)				
Bluetooth				
Mode	Channel	Frequency	[redacted]	Ant 1 Max Tune-up
BR / EDR	0	2402		13.0
	39	2441		13.0
	78	2480		13.0
LE	0	2402		13.0
	19	2440		13.0
	39	2480		13.0

Tune-up Power (2T1S)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	36	5180	14.0	14.0
	40	5200	14.0	14.0
	44	5220	14.0	14.0
	48	5240	14.0	14.0

Tune-up Power (2T1S)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	52	5260	14.0	14.0
	56	5280	14.0	14.0
	60	5300	14.0	14.0
	64	5320	14.0	14.0

Tune-up Power (2T1S)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	100	5500	14.0	14.0
	116	5580	14.0	14.0
	120	5600	14.0	14.0
	124	5620	14.0	14.0
	132	5660	14.0	14.0
	140	5700	14.0	14.0
	144	5720	14.0	14.0

Tune-up Power (2T1S)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	149	5745	14.0	14.0
	153	5765	14.0	14.0
	157	5785	14.0	14.0
	161	5805	14.0	14.0
	165	5825	14.0	14.0

Tune-up Power (2T1S)				
WLAN 5.9GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	169	5845	14.0	14.0
	173	5865	14.0	14.0
	177	5885	14.0	14.0

Tune-up Power (2T1S)_SP				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	1	5955	13.5	13.5
	5	5975	13.5	13.5
	9	5995	13.5	13.5
	13	6015	13.5	13.5
	17	6035	13.5	13.5
	21	6055	13.5	13.5
	25	6075	13.5	13.5
	29	6095	13.5	13.5
	33	6115	13.5	13.5
	37	6135	13.5	13.5
	41	6155	13.5	13.5
	45	6175	13.5	13.5
	49	6195	13.5	13.5
	53	6215	13.5	13.5
	57	6235	13.5	13.5
	61	6255	13.5	13.5
	65	6275	13.5	13.5
	69	6295	13.5	13.5
	73	6315	13.5	13.5
	77	6335	13.5	13.5
	81	6355	13.5	13.5
	85	6375	13.5	13.5
	89	6395	13.5	13.5
	93	6415	13.5	13.5

Tune-up Power (2T1S)_SP				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	121	6555	13.5	13.5
	125	6575	13.5	13.5
	129	6595	13.5	13.5
	133	6615	13.5	13.5
	137	6635	13.5	13.5
	141	6655	13.5	13.5
	145	6675	13.5	13.5
	149	6695	13.5	13.5
	153	6715	13.5	13.5
	157	6735	13.5	13.5
	161	6755	13.5	13.5
	165	6775	13.5	13.5
	169	6795	13.5	13.5
	173	6815	13.5	13.5
	177	6835	13.5	13.5
	181	6855	13.5	13.5
	185	6875	13.5	13.5

Tune-up Power (2T1S)_LPI				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	1	5955	2.0	2.0
	5	5975	2.0	2.0
	9	5995	2.0	2.0
	13	6015	2.0	2.0
	17	6035	2.0	2.0
	21	6055	2.0	2.0
	25	6075	2.0	2.0
	29	6095	2.0	2.0
	33	6115	2.0	2.0
	37	6135	2.0	2.0
	41	6155	2.0	2.0
	45	6175	2.0	2.0
	49	6195	2.0	2.0
	53	6215	2.0	2.0
	57	6235	2.0	2.0
	61	6255	2.0	2.0
	65	6275	2.0	2.0
	69	6295	2.0	2.0
	73	6315	2.0	2.0
	77	6335	2.0	2.0
	81	6355	2.0	2.0
	85	6375	2.0	2.0
	89	6395	2.0	2.0
	93	6415	2.0	2.0

Tune-up Power (2T1S)_LPI				
UNII-6				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	97	6435	2.0	2.0
	101	6455	2.0	2.0
	105	6475	2.0	2.0
	109	6495	2.0	2.0
	113	6515	2.0	2.0
	117	6535	2.0	2.0

Tune-up Power (2T1S)_LPI				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	121	6555	2.0	2.0
	125	6575	2.0	2.0
	129	6595	2.0	2.0
	133	6615	2.0	2.0
	137	6635	2.0	2.0
	141	6655	2.0	2.0
	145	6675	2.0	2.0
	149	6695	2.0	2.0
	153	6715	2.0	2.0
	157	6735	2.0	2.0
	161	6755	2.0	2.0
	165	6775	2.0	2.0
	169	6795	2.0	2.0
	173	6815	2.0	2.0
	177	6835	2.0	2.0
	181	6855	2.0	2.0
	185	6875	2.0	2.0

Tune-up Power (2T1S)_LPI				
UNII-8				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11a	189	6895	2.0	2.0
	193	6915	2.0	2.0
	197	6935	2.0	2.0
	201	6955	2.0	2.0
	205	6975	2.0	2.0
	209	6995	2.0	2.0
	213	7015	2.0	2.0
	217	7035	2.0	2.0
	221	7055	2.0	2.0
	225	7075	2.0	2.0
	229	7095	2.0	2.0
	233	7115	2.0	2.0

Tune-up Power (2T2S)				
WLAN 2.4GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	15.5	15.5
802.11n HT40	3	2422	15.5	15.5
	6	2437	15.5	15.5
	9	2452	15.5	15.5
	10	2457	15.5	15.5
	11	2462	15.5	15.5
802.11ac VHT20	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	15.5	15.5
802.11ac VHT40	3	2422	15.5	15.5
	6	2437	15.5	15.5
	9	2452	15.5	15.5
	10	2457	15.5	15.5
	11	2462	15.5	15.5
802.11ax HE20	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	15.5	15.5
802.11ax HE40	3	2422	15.5	15.5
	6	2437	15.5	15.5
	9	2452	15.5	15.5
	10	2457	15.5	15.5
	11	2462	15.5	15.5
802.11be EHT20	1	2412	15.5	15.5
	6	2437	15.5	15.5
	11	2462	15.5	15.5
	12	2467	15.5	15.5
	13	2472	15.5	15.5
802.11be EHT40	3	2422	15.5	15.5
	6	2437	15.5	15.5
	9	2452	15.5	15.5
	10	2457	15.5	15.5
	11	2462	15.5	15.5

Tune-up Power (2T2S)				
Bluetooth				
Mode	Channel	Frequency	[redacted]	Ant 1 Max Tune-up
BR / EDR	0	2402		13.0
	39	2441		13.0
	78	2480		13.0
LE	0	2402		13.0
	19	2440		13.0
	39	2480		13.0

Tune-up Power (2T2S)				
WLAN 5.2GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	36	5180	14.0	14.0
	40	5200	14.0	14.0
	44	5220	14.0	14.0
	48	5240	14.0	14.0
802.11n HT40	38	5190	14.0	14.0
	46	5230	14.0	14.0
802.11ac VHT20	36	5180	14.0	14.0
	40	5200	14.0	14.0
	44	5220	14.0	14.0
	48	5240	14.0	14.0
802.11ac VHT40	38	5190	14.0	14.0
	46	5230	14.0	14.0
802.11ac VHT80	42	5210	14.0	14.0
802.11ax HE20	36	5180	14.0	14.0
	40	5200	14.0	14.0
	44	5220	14.0	14.0
	48	5240	14.0	14.0
802.11ax HE40	38	5190	14.0	14.0
	46	5230	14.0	14.0
802.11ax HE80	42	5210	14.0	14.0
802.11be EHT20	36	5180	14.0	14.0
	40	5200	14.0	14.0
	44	5220	14.0	14.0
	48	5240	14.0	14.0
802.11be EHT40	38	5190	14.0	14.0
	46	5230	14.0	14.0
802.11be EHT80	42	5210	14.0	14.0

Tune-up Power (2T2S)				
WLAN 5.3GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	52	5260	14.0	14.0
	56	5280	14.0	14.0
	60	5300	14.0	14.0
	64	5320	14.0	14.0
802.11n HT40	54	5270	14.0	14.0
	62	5310	14.0	14.0
802.11ac VHT20	52	5260	14.0	14.0
	56	5280	14.0	14.0
	60	5300	14.0	14.0
	64	5320	14.0	14.0
802.11ac VHT40	54	5270	14.0	14.0
	62	5310	14.0	14.0
802.11ac VHT80	58	5290	14.0	14.0
802.11ac VHT160	50	5250	14.0	14.0
802.11ax HE20	52	5260	14.0	14.0
	56	5280	14.0	14.0
	60	5300	14.0	14.0
	64	5320	14.0	14.0
802.11ax HE40	54	5270	14.0	14.0
	62	5310	14.0	14.0
802.11ax HE80	58	5290	14.0	14.0
802.11ax HE160	50	5250	14.0	14.0

Tune-up Power (2T2S)				
WLAN 5.6GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	100	5500	14.0	14.0
	116	5580	14.0	14.0
	120	5600	14.0	14.0
	124	5620	14.0	14.0
	132	5660	14.0	14.0
	140	5700	14.0	14.0
	144	5720	14.0	14.0
802.11n HT40	102	5510	14.0	14.0
	110	5550	14.0	14.0
	118	5590	14.0	14.0
	126	5630	14.0	14.0
	134	5670	14.0	14.0
	142	5710	14.0	14.0
802.11ac VHT20	100	5500	14.0	14.0
	116	5580	14.0	14.0
	120	5600	14.0	14.0
	124	5620	14.0	14.0
	132	5660	14.0	14.0
	140	5700	14.0	14.0
	144	5720	14.0	14.0
802.11ac VHT40	102	5510	14.0	14.0
	110	5550	14.0	14.0
	118	5590	14.0	14.0
	126	5630	14.0	14.0
	134	5670	14.0	14.0
	142	5710	14.0	14.0
802.11ac VHT80	106	5530	14.0	14.0
	122	5610	14.0	14.0
	138	5690	14.0	14.0
802.11ac VHT160	114	5570	14.0	14.0
802.11ax HE20	100	5500	14.0	14.0
	116	5580	14.0	14.0
	120	5600	14.0	14.0
	124	5620	14.0	14.0
	132	5660	14.0	14.0
	140	5700	14.0	14.0
	144	5720	14.0	14.0
802.11ax HE40	102	5510	14.0	14.0
	110	5550	14.0	14.0
	118	5590	14.0	14.0
	126	5630	14.0	14.0
	134	5670	14.0	14.0
	142	5710	14.0	14.0
802.11ax HE80	106	5530	14.0	14.0
	122	5610	14.0	14.0
	138	5690	14.0	14.0
802.11ax HE160	114	5570	14.0	14.0

Tune-up Power (2T2S)				
WLAN 5.8GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	149	5745	14.0	14.0
	153	5765	14.0	14.0
	157	5785	14.0	14.0
	161	5805	14.0	14.0
	165	5825	14.0	14.0
802.11n HT40	151	5755	14.0	14.0
	159	5795	14.0	14.0
802.11ac VHT20	149	5745	14.0	14.0
	153	5765	14.0	14.0
	157	5785	14.0	14.0
	161	5805	14.0	14.0
	165	5825	14.0	14.0
802.11ac VHT40	151	5755	14.0	14.0
	159	5795	14.0	14.0
802.11ac VHT80	155	5775	14.0	14.0
802.11ax HE20	149	5745	14.0	14.0
	153	5765	14.0	14.0
	157	5785	14.0	14.0
	161	5805	14.0	14.0
	165	5825	14.0	14.0
802.11ax HE40	151	5755	14.0	14.0
	159	5795	14.0	14.0
802.11ax HE80	155	5775	14.0	14.0
802.11be EHT20	149	5745	14.0	14.0
	153	5765	14.0	14.0
	157	5785	14.0	14.0
	161	5805	14.0	14.0
	165	5825	14.0	14.0
802.11be EHT40	151	5755	14.0	14.0
	159	5795	14.0	14.0
802.11be EHT80	155	5775	14.0	14.0

Tune-up Power (2T2S)				
WLAN 5.9GHz				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11n HT20	169	5845	14.0	14.0
	173	5865	14.0	14.0
	177	5885	14.0	14.0
802.11n HT40	167	5835	14.0	14.0
	175	5875	14.0	14.0
802.11ac VHT20	169	5845	14.0	14.0
	173	5865	14.0	14.0
	177	5885	14.0	14.0
802.11ac VHT40	167	5835	14.0	14.0
	175	5875	14.0	14.0
802.11ac VHT80	171	5855	14.0	14.0
802.11ac VHT160	163	5815	14.0	14.0
802.11ax HE20	169	5845	14.0	14.0
	173	5865	14.0	14.0
	177	5885	14.0	14.0
802.11ax HE40	167	5835	14.0	14.0
	175	5875	14.0	14.0
802.11ax HE80	171	5855	14.0	14.0
802.11ax HE160	163	5815	14.0	14.0
802.11be EHT40	167	5835	14.0	14.0
	175	5875	14.0	14.0
802.11be EHT80	171	5855	14.0	14.0
802.11be EHT160	163	5815	14.0	14.0

Tune-up Power (2T2S)_SP				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	1	5955	13.5	13.5
	5	5975	13.5	13.5
	9	5995	13.5	13.5
	13	6015	13.5	13.5
	17	6035	13.5	13.5
	21	6055	13.5	13.5
	25	6075	13.5	13.5
	29	6095	13.5	13.5
	33	6115	13.5	13.5
	37	6135	13.5	13.5
	41	6155	13.5	13.5
	45	6175	13.5	13.5
	49	6195	13.5	13.5
	53	6215	13.5	13.5
	57	6235	13.5	13.5
	61	6255	13.5	13.5
	65	6275	13.5	13.5
	69	6295	13.5	13.5
	73	6315	13.5	13.5
	77	6335	13.5	13.5
	81	6355	13.5	13.5
	85	6375	13.5	13.5
	89	6395	13.5	13.5
	93	6415	13.5	13.5

Tune-up Power (2T2S)_SP				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE40	3	5965	13.5	13.5
	11	6005	13.5	13.5
	19	6045	13.5	13.5
	27	6085	13.5	13.5
	35	6125	13.5	13.5
	43	6165	13.5	13.5
	51	6205	13.5	13.5
	59	6245	13.5	13.5
	67	6285	13.5	13.5
	75	6325	13.5	13.5
	83	6365	13.5	13.5
	91	6405	13.5	13.5
802.11ax HE80	7	5985	13.5	13.5
	23	6065	13.5	13.5
	39	6145	13.5	13.5
	55	6225	13.5	13.5
	71	6305	13.5	13.5
	87	6385	13.5	13.5
802.11ax HE160	15	6025	13.5	13.5
	47	6185	13.5	13.5
	79	6345	13.5	13.5

Tune-up Power (2T2S)_SP				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11be EHT20	1	5955	13.5	13.5
	5	5975	13.5	13.5
	9	5995	13.5	13.5
	13	6015	13.5	13.5
	17	6035	13.5	13.5
	21	6055	13.5	13.5
	25	6075	13.5	13.5
	29	6095	13.5	13.5
	33	6115	13.5	13.5
	37	6135	13.5	13.5
	41	6155	13.5	13.5
	45	6175	13.5	13.5
	49	6195	13.5	13.5
	53	6215	13.5	13.5
	57	6235	13.5	13.5
	61	6255	13.5	13.5
	65	6275	13.5	13.5
	69	6295	13.5	13.5
	73	6315	13.5	13.5
	77	6335	13.5	13.5
	81	6355	13.5	13.5
	85	6375	13.5	13.5
	89	6395	13.5	13.5
	93	6415	13.5	13.5
802.11be EHT40	3	5965	13.5	13.5
	11	6005	13.5	13.5
	19	6045	13.5	13.5
	27	6085	13.5	13.5
	35	6125	13.5	13.5
	43	6165	13.5	13.5
	51	6205	13.5	13.5
	59	6245	13.5	13.5
	67	6285	13.5	13.5
	75	6325	13.5	13.5
	83	6365	13.5	13.5
	91	6405	13.5	13.5
802.11be EHT80	7	5985	13.5	13.5
	23	6065	13.5	13.5
	39	6145	13.5	13.5
	55	6225	13.5	13.5
	71	6305	13.5	13.5
	87	6385	13.5	13.5
802.11be EHT160	15	6025	13.5	13.5
	47	6185	13.5	13.5
	79	6345	13.5	13.5

Tune-up Power (2T2S)_SP				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	121	6555	13.5	13.5
	125	6575	13.5	13.5
	129	6595	13.5	13.5
	133	6615	13.5	13.5
	137	6635	13.5	13.5
	141	6655	13.5	13.5
	145	6675	13.5	13.5
	149	6695	13.5	13.5
	153	6715	13.5	13.5
	157	6735	13.5	13.5
	161	6755	13.5	13.5
	165	6775	13.5	13.5
	169	6795	13.5	13.5
	173	6815	13.5	13.5
	177	6835	13.5	13.5
	181	6855	13.5	13.5
	185	6875	13.5	13.5
802.11ax HE40	123	6565	13.5	13.5
	131	6605	13.5	13.5
	139	6645	13.5	13.5
	147	6685	13.5	13.5
	155	6725	13.5	13.5
	163	6765	13.5	13.5
	171	6805	13.5	13.5
	179	6845	13.5	13.5
	187	6885	13.5	13.5
802.11ax HE80	135	6625	13.5	13.5
	151	6705	13.5	13.5
	167	6785	13.5	13.5
	183	6865	13.5	13.5
802.11ax HE160	143	6665	13.5	13.5
	175	6825	13.5	13.5

Tune-up Power (2T2S)_SP				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11be EHT20	121	6555	13.5	13.5
	125	6575	13.5	13.5
	129	6595	13.5	13.5
	133	6615	13.5	13.5
	137	6635	13.5	13.5
	141	6655	13.5	13.5
	145	6675	13.5	13.5
	149	6695	13.5	13.5
	153	6715	13.5	13.5
	157	6735	13.5	13.5
	161	6755	13.5	13.5
	165	6775	13.5	13.5
	169	6795	13.5	13.5
	173	6815	13.5	13.5
	177	6835	13.5	13.5
	181	6855	13.5	13.5
	185	6875	13.5	13.5
802.11be EHT40	123	6565	13.5	13.5
	131	6605	13.5	13.5
	139	6645	13.5	13.5
	147	6685	13.5	13.5
	155	6725	13.5	13.5
	163	6765	13.5	13.5
	171	6805	13.5	13.5
	179	6845	13.5	13.5
	187	6885	13.5	13.5
802.11be EHT80	135	6625	13.5	13.5
	151	6705	13.5	13.5
	167	6785	13.5	13.5
	183	6865	13.5	13.5
802.11be EHT160	143	6665	13.5	13.5
	175	6825	13.5	13.5

Tune-up Power (2T2S)_LPI				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	1	5955	4.5	4.5
	5	5975	4.5	4.5
	9	5995	4.5	4.5
	13	6015	4.5	4.5
	17	6035	4.5	4.5
	21	6055	4.5	4.5
	25	6075	4.5	4.5
	29	6095	4.5	4.5
	33	6115	4.5	4.5
	37	6135	4.5	4.5
	41	6155	4.5	4.5
	45	6175	4.5	4.5
	49	6195	4.5	4.5
	53	6215	4.5	4.5
	57	6235	4.5	4.5
	61	6255	4.5	4.5
	65	6275	4.5	4.5
	69	6295	4.5	4.5
	73	6315	4.5	4.5
	77	6335	4.5	4.5
	81	6355	4.5	4.5
	85	6375	4.5	4.5
	89	6395	4.5	4.5
	93	6415	4.5	4.5

Tune-up Power (2T2S)_LPI				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE40	3	5965	7.5	7.5
	11	6005	7.5	7.5
	19	6045	7.5	7.5
	27	6085	7.5	7.5
	35	6125	7.5	7.5
	43	6165	7.5	7.5
	51	6205	7.5	7.5
	59	6245	7.5	7.5
	67	6285	7.5	7.5
	75	6325	7.5	7.5
	83	6365	7.5	7.5
	91	6405	7.5	7.5
802.11ax HE80	7	5985	10.5	10.5
	23	6065	10.5	10.5
	39	6145	10.5	10.5
	55	6225	10.5	10.5
	71	6305	10.5	10.5
	87	6385	10.5	10.5
802.11ax HE160	15	6025	13.0	13.0
	47	6185	13.0	13.0
	79	6345	13.0	13.0

Tune-up Power (2T2S)_LPI				
UNII-5				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11be EHT20	1	5955	4.5	4.5
	5	5975	4.5	4.5
	9	5995	4.5	4.5
	13	6015	4.5	4.5
	17	6035	4.5	4.5
	21	6055	4.5	4.5
	25	6075	4.5	4.5
	29	6095	4.5	4.5
	33	6115	4.5	4.5
	37	6135	4.5	4.5
	41	6155	4.5	4.5
	45	6175	4.5	4.5
	49	6195	4.5	4.5
	53	6215	4.5	4.5
	57	6235	4.5	4.5
	61	6255	4.5	4.5
	65	6275	4.5	4.5
	69	6295	4.5	4.5
	73	6315	4.5	4.5
	77	6335	4.5	4.5
	81	6355	4.5	4.5
	85	6375	4.5	4.5
	89	6395	4.5	4.5
	93	6415	4.5	4.5
802.11be EHT40	3	5965	7.5	7.5
	11	6005	7.5	7.5
	19	6045	7.5	7.5
	27	6085	7.5	7.5
	35	6125	7.5	7.5
	43	6165	7.5	7.5
	51	6205	7.5	7.5
	59	6245	7.5	7.5
	67	6285	7.5	7.5
	75	6325	7.5	7.5
	83	6365	7.5	7.5
	91	6405	7.5	7.5
802.11be EHT80	7	5985	10.5	10.5
	23	6065	10.5	10.5
	39	6145	10.5	10.5
	55	6225	10.5	10.5
	71	6305	10.5	10.5
	87	6385	10.5	10.5
802.11be EHT160	15	6025	13.0	13.0
	47	6185	13.0	13.0
	79	6345	13.0	13.0

Tune-up Power (2T2S)_LPI				
UNII-6				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	97	6435	4.5	4.5
	101	6455	4.5	4.5
	105	6475	4.5	4.5
	109	6495	4.5	4.5
	113	6515	4.5	4.5
	117	6535	4.5	4.5
802.11ax HE40	99	6445	7.5	7.5
	107	6485	7.5	7.5
	115	6525	7.5	7.5
802.11ax HE80	103	6465	10.5	10.5
	119	6545	10.5	10.5
802.11ax HE160	111	6505	13.0	13.0
802.11be EHT20	97	6435	4.5	4.5
	101	6455	4.5	4.5
	105	6475	4.5	4.5
	109	6495	4.5	4.5
	113	6515	4.5	4.5
	117	6535	4.5	4.5
802.11be EHT40	99	6445	7.5	7.5
	107	6485	7.5	7.5
	115	6525	7.5	7.5
802.11be EHT80	103	6465	10.5	10.5
	119	6545	10.5	10.5
802.11be EHT160	111	6505	13.0	13.0

Tune-up Power (2T2S)_LPI				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	121	6555	4.5	4.5
	125	6575	4.5	4.5
	129	6595	4.5	4.5
	133	6615	4.5	4.5
	137	6635	4.5	4.5
	141	6655	4.5	4.5
	145	6675	4.5	4.5
	149	6695	4.5	4.5
	153	6715	4.5	4.5
	157	6735	4.5	4.5
	161	6755	4.5	4.5
	165	6775	4.5	4.5
	169	6795	4.5	4.5
	173	6815	4.5	4.5
	177	6835	4.5	4.5
	181	6855	4.5	4.5
	185	6875	4.5	4.5
802.11ax HE40	123	6565	7.5	7.5
	131	6605	7.5	7.5
	139	6645	7.5	7.5
	147	6685	7.5	7.5
	155	6725	7.5	7.5
	163	6765	7.5	7.5
	171	6805	7.5	7.5
	179	6845	7.5	7.5
	187	6885	7.5	7.5
802.11ax HE80	135	6625	10.5	10.5
	151	6705	10.5	10.5
	167	6785	10.5	10.5
	183	6865	10.5	10.5
802.11ax HE160	143	6665	13.0	13.0
	175	6825	13.0	13.0

Tune-up Power (2T2S)_LPI				
UNII-7				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11be EHT20	121	6555	4.5	4.5
	125	6575	4.5	4.5
	129	6595	4.5	4.5
	133	6615	4.5	4.5
	137	6635	4.5	4.5
	141	6655	4.5	4.5
	145	6675	4.5	4.5
	149	6695	4.5	4.5
	153	6715	4.5	4.5
	157	6735	4.5	4.5
	161	6755	4.5	4.5
	165	6775	4.5	4.5
	169	6795	4.5	4.5
	173	6815	4.5	4.5
	177	6835	4.5	4.5
	181	6855	4.5	4.5
	185	6875	4.5	4.5
802.11be EHT40	123	6565	7.5	7.5
	131	6605	7.5	7.5
	139	6645	7.5	7.5
	147	6685	7.5	7.5
	155	6725	7.5	7.5
	163	6765	7.5	7.5
	171	6805	7.5	7.5
	179	6845	7.5	7.5
	187	6885	7.5	7.5
802.11be EHT80	135	6625	10.5	10.5
	151	6705	10.5	10.5
	167	6785	10.5	10.5
	183	6865	10.5	10.5
802.11be EHT160	143	6665	13.0	13.0
	175	6825	13.0	13.0

Tune-up Power (2T2S)_LPI				
UNII-8				
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up
802.11ax HE20	189	6895	4.5	4.5
	193	6915	4.5	4.5
	197	6935	4.5	4.5
	201	6955	4.5	4.5
	205	6975	4.5	4.5
	209	6995	4.5	4.5
	213	7015	4.5	4.5
	217	7035	4.5	4.5
	221	7055	4.5	4.5
	225	7075	4.5	4.5
	229	7095	4.5	4.5
	233	7115	4.5	4.5
802.11ax HE40	195	6925	7.5	7.5
	203	6965	7.5	7.5
	211	7005	7.5	7.5
	219	7045	7.5	7.5
	227	7085	7.5	7.5
802.11ax HE80	199	6945	10.5	10.5
	215	7025	10.5	10.5
802.11ax HE160	207	6985	13.0	13.0
802.11be EHT20	189	6895	4.5	4.5
	193	6915	4.5	4.5
	197	6935	4.5	4.5
	201	6955	4.5	4.5
	205	6975	4.5	4.5
	209	6995	4.5	4.5
	213	7015	4.5	4.5
	217	7035	4.5	4.5
	221	7055	4.5	4.5
	225	7075	4.5	4.5
	229	7095	4.5	4.5
	233	7115	4.5	4.5
802.11be EHT40	195	6925	7.5	7.5
	203	6965	7.5	7.5
	211	7005	7.5	7.5
	219	7045	7.5	7.5
	227	7085	7.5	7.5
802.11be EHT80	199	6945	10.5	10.5
	215	7025	10.5	10.5
802.11be EHT160	207	6985	13.0	13.0

Appendix E. Measured Conducted Power Result

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

Conducted Power (1T1S)			
WLAN2.4GHz Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11b	1	2412	15.36
	6	2437	15.32
	11	2462	15.33
	12	2467	15.29
	13	2472	15.24

Conducted Power (1T1S)			
WLAN 5.3GHz Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ac VHT160	50	5250	13.85

Conducted Power (1T1S)			
WLAN 5.6GHz Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ac VHT160	114	5570	13.83

Conducted Power (1T1S)			
WLAN 5.8GHz Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ac VHT80	155	5775	13.89

Conducted Power (1T1S)			
WLAN 5.9GHz Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ac VHT160	163	5815	13.88

Conducted Power (1T1S)_SP			
UNII-5 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	15	6025	17.85
	47	6185	17.92
	79	6345	17.81

Conducted Power (1T1S)_SP			
UNII-7 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	143	6665	17.71
	175	6825	17.85

Conducted Power (1T1S)_LPI			
UNII-5 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	15	6025	15.22
	47	6185	15.03
	79	6345	15.28

Conducted Power (1T1S)_LPI			
UNII-6 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	111	6505	15.78

Conducted Power (1T1S)_LPI			
UNII-7 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	143	6665	15.12
	175	6825	15.18

Conducted Power (1T1S)_LPI			
UNII-8 Ant 0&1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
802.11ax HE160	207	6985	15.99

Conducted Power (2T1S)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	15.12
	6	2437	14.85
	11	2462	14.86
	12	2467	15.11
	13	2472	10.39

Conducted Power (2T1S)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	15.37
	6	2437	15.3
	11	2462	15.36
	12	2467	15.32
	13	2472	10.85

Conducted Power (2T1S)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	13.79
	56	5280	13.76
	60	5300	13.77
	64	5320	13.72

Conducted Power (2T1S)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	13.77
	56	5280	13.72
	60	5300	13.73
	64	5320	13.75

Conducted Power (2T1S)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	13.85
	116	5580	13.77
	120	5600	13.72
	124	5620	13.75
	132	5660	13.83
	140	5700	13.82
	144	5720	13.84

Conducted Power (2T1S)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	13.87
	116	5580	13.79
	120	5600	13.81
	124	5620	13.82
	132	5660	13.79
	140	5700	13.83
	144	5720	13.84

Conducted Power (2T1S)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	13.85
	153	5765	13.83
	157	5785	13.88
	161	5805	13.82
	165	5825	13.91

Conducted Power (2T1S)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	13.78
	153	5765	13.84
	157	5785	13.86
	161	5805	13.83
	165	5825	13.89

Conducted Power (2T1S)			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	169	5845	13.85
	173	5865	13.88
	177	5885	13.34

Conducted Power (2T1S)			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	169	5845	13.79
	173	5865	13.83
	177	5885	13.75

Conducted Power (2T1S)_SP			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	13.38
	5	5975	13.29
	9	5995	13.3
	13	6015	13.26
	17	6035	13.34
	21	6055	13.39
	25	6075	13.29
	29	6095	13.29
	33	6115	13.39
	37	6135	13.38
	41	6155	13.39
	45	6175	13.27
	49	6195	13.26
	53	6215	13.35
	57	6235	13.41
	61	6255	13.41
	65	6275	13.31
	69	6295	13.26
	73	6315	13.37
	77	6335	13.31
	81	6355	13.39
	85	6375	13.41
	89	6395	13.27
	93	6415	13.43

Conducted Power (2T1S)_SP			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	13.41
	5	5975	13.32
	9	5995	13.33
	13	6015	13.29
	17	6035	13.37
	21	6055	13.42
	25	6075	13.32
	29	6095	13.32
	33	6115	13.42
	37	6135	13.41
	41	6155	13.42
	45	6175	13.3
	49	6195	13.29
	53	6215	13.38
	57	6235	13.44
	61	6255	13.44
	65	6275	13.34
	69	6295	13.29
	73	6315	13.4
	77	6335	13.34
	81	6355	13.42
	85	6375	13.44
	89	6395	13.3
	93	6415	13.46

Conducted Power (2T1S)_SP			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	121	6555	13.4
	125	6575	13.26
	129	6595	13.27
	133	6615	13.3
	137	6635	13.37
	141	6655	13.27
	145	6675	13.34
	149	6695	13.38
	153	6715	13.29
	157	6735	13.28
	161	6755	13.39
	165	6775	13.31
	169	6795	13.33
	173	6815	13.29
	177	6835	13.37
	181	6855	13.3
	185	6875	13.41

Conducted Power (2T1S)_SP			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	121	6555	13.38
	125	6575	13.39
	129	6595	13.22
	133	6615	13.4
	137	6635	13.35
	141	6655	13.24
	145	6675	13.24
	149	6695	13.34
	153	6715	13.37
	157	6735	13.31
	161	6755	13.4
	165	6775	13.3
	169	6795	13.29
	173	6815	13.25
	177	6835	13.35
	181	6855	13.3
	185	6875	13.42

Conducted Power (2T1S)_LPI			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	0.62
	5	5975	0.64
	9	5995	0.68
	13	6015	0.71
	17	6035	0.73
	21	6055	0.67
	25	6075	0.63
	29	6095	0.59
	33	6115	0.61
	37	6135	0.54
	41	6155	0.57
	45	6175	0.49
	49	6195	0.61
	53	6215	0.67
	57	6235	0.72
	61	6255	0.77
	65	6275	0.84
	69	6295	0.89
	73	6315	0.92
	77	6335	0.95
	81	6355	1.04
	85	6375	1.11
	89	6395	1.17
	93	6415	0.73

Conducted Power (2T1S)_LPI			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	1.5
	5	5975	0.75
	9	5995	0.79
	13	6015	0.82
	17	6035	0.84
	21	6055	0.78
	25	6075	0.74
	29	6095	0.7
	33	6115	0.72
	37	6135	0.65
	41	6155	0.68
	45	6175	1.61
	49	6195	0.7
	53	6215	0.76
	57	6235	0.81
	61	6255	0.86
	65	6275	0.93
	69	6295	0.98
	73	6315	1.01
	77	6335	1.04
	81	6355	1.13
	85	6375	1.2
	89	6395	1.26
	93	6415	1.6

Conducted Power (2T1S)_LPI			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	97	6435	1.2
	101	6455	0.97
	105	6475	0.98
	109	6495	1.02
	113	6515	1.1
	117	6535	1.12

Conducted Power (2T1S)_LPI			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	97	6435	1.96
	101	6455	1.71
	105	6475	1.93
	109	6495	1.88
	113	6515	1.93
	117	6535	1.22

Conducted Power (2T1S)_LPI			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	121	6555	1.04
	125	6575	1.02
	129	6595	1.16
	133	6615	1.01
	137	6635	1.18
	141	6655	1.13
	145	6675	1.05
	149	6695	0.97
	153	6715	1.04
	157	6735	1.07
	161	6755	1.16
	165	6775	1.18
	169	6795	1.05
	173	6815	1.05
	177	6835	1.05
	181	6855	1.04
	185	6875	1.16

Conducted Power (2T1S)_LPI			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	121	6555	1.12
	125	6575	1.11
	129	6595	1.25
	133	6615	1.16
	137	6635	1.19
	141	6655	1.23
	145	6675	1.22
	149	6695	1.25
	153	6715	1.21
	157	6735	1.14
	161	6755	1.19
	165	6775	1.18
	169	6795	1.14
	173	6815	1.13
	177	6835	1.11
	181	6855	1.45
	185	6875	1.41

Conducted Power (2T1S)_LPI			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	189	6895	0.9
	193	6915	0.94
	197	6935	0.94
	201	6955	0.91
	205	6975	0.95
	209	6995	1.31
	213	7015	0.92
	217	7035	0.93
	221	7055	0.93
	225	7075	0.92
	229	7095	0.91
	233	7115	1

Conducted Power (2T1S)_LPI			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	189	6895	1.86
	193	6915	1.86
	197	6935	1.88
	201	6955	1.9
	205	6975	1.86
	209	6995	1.99
	213	7015	1.88
	217	7035	1.85
	221	7055	1.89
	225	7075	1.86
	229	7095	1.88
	233	7115	1.94

Conducted Power (2T2S)			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	3	2422	15.33
	6	2437	15.29
	9	2452	15.18
	10	2457	15.44
	11	2462	15.36

Conducted Power (2T2S)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	3	2422	15.36
	6	2437	15.28
	9	2452	15.31
	10	2457	15.37
	11	2462	15.26

Conducted Power (2T2S)			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	50	5250	13.81

Conducted Power (2T2S)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	50	5250	13.82

Conducted Power (2T2S)			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	114	5570	13.88

Conducted Power (2T2S)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	114	5570	13.86

Conducted Power (2T2S)			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT80	155	5775	13.84

Conducted Power (2T2S)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT80	155	5775	13.87

Conducted Power (2T2S)			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ac VHT160	163	5815	13.88

Conducted Power (2T2S)			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ac VHT160	163	5815	13.79

Conducted Power (2T2S)_SP			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	15	6025	13.36
	47	6185	13.26
	79	6345	13.28

Conducted Power (2T2S)_SP			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	15	6025	13.37
	47	6185	13.29
	79	6345	13.22

Conducted Power (2T2S)_SP			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	143	6665	13.32
	175	6825	13.29

Conducted Power (2T2S)_SP			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	143	6665	13.33
	175	6825	13.29

Conducted Power (2T2S)_LPI			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	15	6025	11.78
	47	6185	11.28
	79	6345	11.67

Conducted Power (2T2S)_LPI			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	15	6025	12.61
	47	6185	12.88
	79	6345	12.67

Conducted Power (2T2S)_LPI			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	111	6505	12.41

Conducted Power (2T2S)_LPI			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	111	6505	12.9

Conducted Power (2T2S)_LPI			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	143	6665	12.06
	175	6825	11.97

Conducted Power (2T2S)_LPI			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	143	6665	12.47
	175	6825	12.47

Conducted Power (2T2S)_LPI			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	207	6985	12.65

Conducted Power (2T2S)_LPI			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	207	6985	12.95

Conducted Power			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 0&1 Avg. Power
BR / EDR	0	2402	12.82
	39	2441	12.69
	78	2480	12.65
LE	0	2402	12.74
	19	2440	12.75
	39	2480	12.63

Appendix F. SAR Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:
1. SAR testing for WLAN / BT was performed on the maximum power mode.
2. Per KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	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)
	WLAN2.4G	802.11b	Front Face	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	0.12	0.22	0.24
1	WLAN2.4G	802.11b	Rear Face	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	0.04	0.392	0.43
	WLAN2.4G	802.11b	Left Side	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	-0.1	0.019	0.02
	WLAN2.4G	802.11b	Right Side	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	0.15	0.344	0.37
	WLAN2.4G	802.11b	Top Side	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	0.09	0.03	0.03
	WLAN2.4G	802.11b	Bottom Side	5	1	Ant 0	100.00	1.00	15.50	15.12	1.09	0.05	0.05	0.05
	WLAN2.4G	802.11b	Front Face	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	-0.10	0.205	0.21
	WLAN2.4G	802.11b	Rear Face	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	0.04	0.364	0.37
	WLAN2.4G	802.11b	Left Side	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	-0.11	0.017	0.02
	WLAN2.4G	802.11b	Right Side	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	-0.02	0.319	0.33
	WLAN2.4G	802.11b	Top Side	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	0.12	0.028	0.03
	WLAN2.4G	802.11b	Bottom Side	5	1	Ant 1	100.00	1.00	15.50	15.37	1.03	0.16	0.047	0.05
	WLAN2.4G	802.11b	Rear Face	5	6	Ant 0	100.00	1.00	15.50	14.85	1.16	0.11	0.366	0.42
	WLAN2.4G	802.11b	Rear Face	5	11	Ant 0	100.00	1.00	15.50	14.86	1.16	0.06	0.343	0.40
	WLAN2.4G	802.11b	Rear Face	5	12	Ant 0	100.00	1.00	15.50	15.11	1.09	-0.11	0.355	0.39
	WLAN2.4G	802.11b	Rear Face	5	13	Ant 0	100.00	1.00	11.00	10.39	1.15	-0.05	0.332	0.38
	WLAN5.3G	802.11ac VHT160	Front Face	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	-0.11	0.371	0.39
	WLAN5.3G	802.11ac VHT160	Rear Face	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	0.10	0.569	0.59
	WLAN5.3G	802.11ac VHT160	Left Side	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	-0.09	0.032	0.03
2	WLAN5.3G	802.11ac VHT160	Right Side	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	-0.03	0.653	0.68
	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	0.18	0.05	0.05
	WLAN5.3G	802.11ac VHT160	Bottom Side	5	50	Ant 0	100.00	1.00	14.00	13.81	1.04	0.03	0.085	0.09
	WLAN5.3G	802.11ac VHT160	Front Face	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	-0.19	0.31	0.32
	WLAN5.3G	802.11ac VHT160	Rear Face	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	0.06	0.484	0.50
	WLAN5.3G	802.11ac VHT160	Left Side	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	0.06	0.027	0.03
	WLAN5.3G	802.11ac VHT160	Right Side	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	-0.01	0.552	0.57
	WLAN5.3G	802.11ac VHT160	Top Side	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	0.07	0.042	0.04
	WLAN5.3G	802.11ac VHT160	Bottom Side	5	50	Ant 1	100.00	1.00	14.00	13.82	1.04	0.03	0.071	0.07
	WLAN5.6G	802.11ac VHT 160	Front Face	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	0.12	0.324	0.33
	WLAN5.6G	802.11ac VHT 160	Rear Face	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.04	0.505	0.52
	WLAN5.6G	802.11ac VHT 160	Left Side	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.08	0.028	0.03
	WLAN5.6G	802.11ac VHT 160	Right Side	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	0.15	0.487	0.50
	WLAN5.6G	802.11ac VHT 160	Top Side	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	0.03	0.044	0.05
	WLAN5.6G	802.11ac VHT 160	Bottom Side	5	114	Ant 0	100.00	1.00	14.00	13.88	1.03	0.09	0.074	0.08
	WLAN5.6G	802.11ac VHT 160	Front Face	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	-0.01	0.304	0.31
	WLAN5.6G	802.11ac VHT 160	Rear Face	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	0.04	0.474	0.49
	WLAN5.6G	802.11ac VHT 160	Left Side	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	-0.08	0.026	0.03
3	WLAN5.6G	802.11ac VHT 160	Right Side	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	0.11	0.55	0.57
	WLAN5.6G	802.11ac VHT 160	Top Side	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	-0.08	0.041	0.04
	WLAN5.6G	802.11ac VHT 160	Bottom Side	5	114	Ant 1	100.00	1.00	14.00	13.86	1.03	-0.06	0.069	0.07
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	-0.18	0.268	0.28
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	-0.01	0.476	0.50
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	0.08	0.023	0.02
4	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	0.07	0.555	0.58
	WLAN5.8G	802.11ac VHT80	Top Side	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	0.05	0.036	0.04
	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 0	100.00	1.00	14.00	13.84	1.04	0.05	0.061	0.06
	WLAN5.8G	802.11ac VHT80	Front Face	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	0.14	0.297	0.31
	WLAN5.8G	802.11ac VHT80	Rear Face	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	0.09	0.464	0.48
	WLAN5.8G	802.11ac VHT80	Left Side	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	-0.18	0.026	0.03
	WLAN5.8G	802.11ac VHT80	Right Side	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	0.06	0.509	0.52
	WLAN5.8G	802.11ac VHT80	Top Side	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	-0.03	0.04	0.04
	WLAN5.8G	802.11ac VHT80	Bottom Side	5	155	Ant 1	100.00	1.00	14.00	13.87	1.03	0.01	0.068	0.07
	WLAN5.9G	802.11ac VHT160	Front Face	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.14	0.268	0.28
	WLAN5.9G	802.11ac VHT160	Rear Face	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.01	0.413	0.43
	WLAN5.9G	802.11ac VHT160	Left Side	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	0.14	0.023	0.02
	WLAN5.9G	802.11ac VHT160	Right Side	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.06	0.459	0.47
	WLAN5.9G	802.11ac VHT160	Top Side	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	-0.02	0.036	0.04
	WLAN5.9G	802.11ac VHT160	Bottom Side	5	163	Ant 0	100.00	1.00	14.00	13.88	1.03	0.02	0.061	0.06
	WLAN5.9G	802.11ac VHT160	Front Face	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	-0.09	0.336	0.35
	WLAN5.9G	802.11ac VHT160	Rear Face	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	0.09	0.524	0.55
	WLAN5.9G	802.11ac VHT160	Left Side	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	-0.18	0.029	0.03
5	WLAN5.9G	802.11ac VHT160	Right Side	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	0.08	0.633	0.66
	WLAN5.9G	802.11ac VHT160	Top Side	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	0.15	0.046	0.05
	WLAN5.9G	802.11ac VHT160	Bottom Side	5	163	Ant 1	100.00	1.00	14.00	13.79	1.05	0.15	0.077	0.08
	BT	BDR	Front Face	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	0.11	0.014	0.02
6	BT	BDR	Rear Face	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	0.05	0.058	0.08
	BT	BDR	Left Side	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	-0.04	0.005	0.01
	BT	BDR	Right Side	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	-0.14	0.035	0.05
	BT	BDR	Top Side	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	0.03	0.008	0.01
	BT	BDR	Bottom Side	5	0	Ant 1	76.92	1.30	13.00	12.82	1.04	0.04	0.012	0.02
	BT	BDR	Rear Face	5	39	Ant 1	76.92	1.30	13.00	12.69	1.07	0.11	0.043	0.06
	BT	BDR	Rear Face	5	78	Ant 1	76.92	1.30	13.00	12.65	1.08	0.06	0.051	0.07
		-												

SAR and Power Density Test Result

System & Position						DUT Configuration		SAR										Power Density									
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Power Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m^2 (4cm^2)	Scaled APD W/m^2 (4cm^2)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]
	WLAN6G	802.11ax HE160	Front Face	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.04	0.357	0.37	2.64	2.72									
	WLAN6G	802.11ax HE160	Rear Face	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.06	0.556	0.57	4.12	4.24									
	WLAN6G	802.11ax HE160	Left Side	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.14	0.031	0.03	0.231	0.24									
	WLAN6G	802.11ax HE160	Right Side	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.06	0.634	0.65	4.43	4.56	0.125	3.35	1.545	4.00	0.11	2.6	4.48	2.86	4.55
	WLAN6G	802.11ax HE160	Top Side	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.08	0.048	0.05	0.363	0.37									
	WLAN6G	802.11ax HE160	Bottom Side	5	15	Ant 0	SP	100.00	1.00	13.50	13.36	1.03	-0.03	0.081	0.08	0.607	0.63									
	WLAN6G	802.11ax HE160	Front Face	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.04	0.378	0.39	2.57	2.65									
	WLAN6G	802.11ax HE160	Rear Face	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.14	0.589	0.61	4.48	4.61	0.125	3.31	1.545	4.00	-0.05	2.8	4.41	3.06	4.87
	WLAN6G	802.11ax HE160	Left Side	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.11	0.033	0.03	0.231	0.24									
7	WLAN6G	802.11ax HE160	Right Side	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.06	0.692	0.71	4.7	4.84	0.125	3.48	1.545	4.00	-0.02	2.95	4.56	3.22	4.97
	WLAN6G	802.11ax HE160	Top Side	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.08	0.051	0.05	0.363	0.37									
	WLAN6G	802.11ax HE160	Bottom Side	5	15	Ant 1	SP	100.00	1.00	13.50	13.37	1.03	-0.03	0.086	0.09	0.607	0.63									
	WLAN6G	802.11ax HE160	Right Side	5	47	Ant 1	SP	100.00	1.00	13.50	13.29	1.05	-0.04	0.366	0.38	2.48	2.6									
	WLAN6G	802.11ax HE160	Right Side	5	79	Ant 1	SP	100.00	1.00	13.50	13.22	1.07	-0.06	0.571	0.61	3.87	4.14									
	WLAN6G	802.11ax HE160	Right Side	5	111	Ant 1	LPI	100.00	1.00	13.00	12.90	1.02	-0.14	0.627	0.64	4.23	4.31									
	WLAN6G	802.11ax HE160	Right Side	5	143	Ant 1	SP	100.00	1.00	13.50	13.33	1.04	0.11	0.651	0.68	4.42	4.6	0.125	3.22	1.545	4.00	0.13	2.73	4.3	2.98	4.79
	WLAN6G	802.11ax HE160	Right Side	5	175	Ant 1	SP	100.00	1.00	13.50	13.29	1.05	-0.08	0.615	0.65	4.17	4.38	0.125	3.04	1.545	4.00	0.03	2.58	4.07	2.82	4.44
	WLAN6G	802.11ax HE160	Right Side	5	207	Ant 1	LPI	100.00	1.00	13.00	12.95	1.01	-0.03	0.665	0.67	4.58	4.63	0.125	3.04	1.545	4.00	0.06	2.57	4.05	2.81	4.38
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Appendix H. Analysis of Simultaneous Transmission SAR and Total Exposure Ratio

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	Exposure Condition
A	WLAN 5G Ant0 + WLAN 5G Ant1 + BT	Yes
B	WLAN 6G Ant0 + WLAN 6G Ant1 + BT	Yes
C	WLAN 2.4G Ant0 + WLAN 5G Ant1	Yes
D	WLAN 2.4G Ant0 + WLAN 6G Ant1	Yes

Notes

1. The WLAN 2.4G and BT cannot transmit simultaneously.

Simultaneous Transmission SAR Evaluation											
Position	1	2	3	4	5	6	7	A (3+4+7)	B (5+6+7)	C (1+4)	D (1+7)
	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	Max WLAN 5GHz Ant 0	Max WLAN 5GHz Ant 1	Max WLAN 6GHz Ant 0	Max WLAN 6GHz Ant 1	Max BT	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg				
Front Face	0.24	0.21	0.39	0.35	0.37	0.39	0.02	0.76	0.78	0.59	0.63
Rear Face	0.43	0.37	0.59	0.55	0.57	0.61	0.08	1.22	1.26	0.98	1.04
Left Side	0.02	0.02	0.03	0.03	0.03	0.03	0.01	0.07	0.07	0.05	0.05
Right Side	0.37	0.33	0.68	0.66	0.65	0.71	0.05	1.39	1.41	1.03	1.08
Top Side	0.03	0.03	0.05	0.05	0.05	0.05	0.01	0.11	0.11	0.08	0.08
Bottom Side	0.05	0.05	0.09	0.08	0.08	0.09	0.02	0.19	0.19	0.13	0.14

Total Exposure Ratio (Body)						
Position	1	5	6	7	B (5+6+7)	D(1+6)
	WLAN 2.4GHz Ant 0	Max WLAN 6GHz Ant 0	Max WLAN 6GHz Ant 1	Max BT	Total Exposure Ratio	Total Exposure Ratio
	1g SAR W/kg	4cm^2 W/m^2	4cm^2 W/m^2	1g SAR W/kg		
Applicable Limit	1.6 W/kg	10 W/m^2	10 W/m^2	1.6 W/kg		
Front Face	0.24	4.55	4.97	0.02	0.96	0.65
Rear Face	0.43	4.55	4.87	0.08	0.99	0.76
Left Side	0.02	4.55	4.97	0.01	0.96	0.51
Right Side	0.37	4.55	4.97	0.05	0.98	0.73
Top Side	0.03	4.55	4.97	0.01	0.96	0.52
Bottom Side	0.05	4.55	4.97	0.02	0.96	0.53

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	D2450V2	737	Feb. 19, 2024	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Feb. 13, 2024	1 Year
System Validation Dipole	SPEAG	D6.5GHzV2	1008	Sep. 21, 2023	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	Jan. 18, 2024	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	Feb. 01, 2024	1 Year
E-Field Probe	SPEAG	EUmmWV4	9615	Jul. 10, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Aug. 24, 2023	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1761	Nov. 17, 2023	1 Year
Analong Signal Generator	R&S	SMA100B	104417	Oct. 23, 2023	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Jul. 07, 2023	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262296569	Aug. 16, 2023	1 Year
Thermometer	YFE	YF-160A	120702365	Sep. 11, 2023	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1151	Jul. 17, 2023	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	1052	Jul. 13, 2023	1 Year

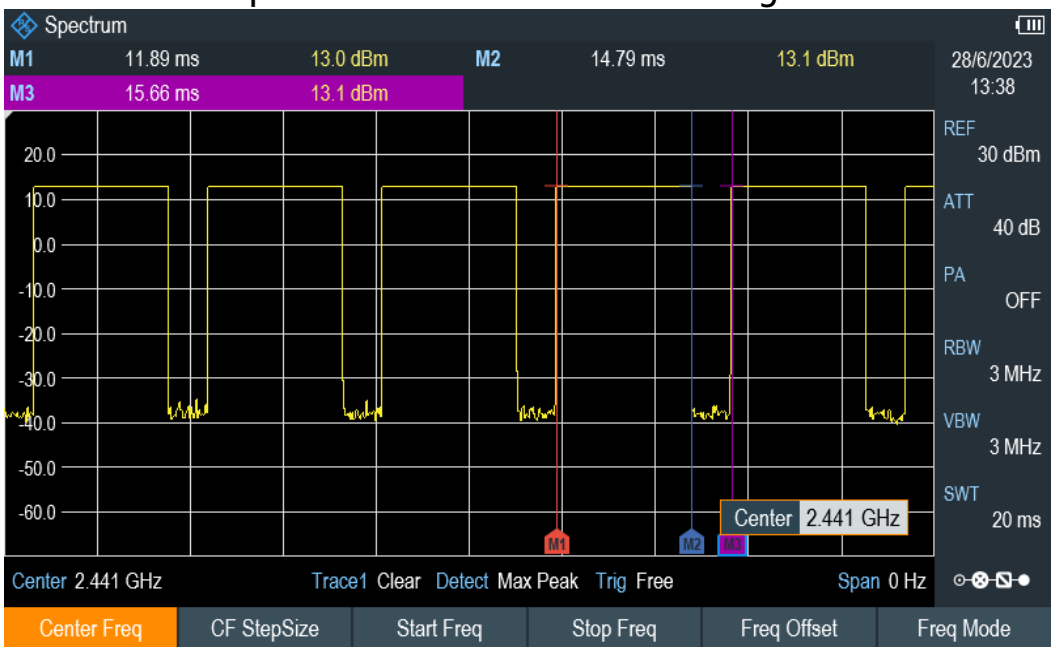
Appendix K. Considerations Related to Bluetooth for Setup and Testing

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>



Time-domain plot for Bluetooth transmission signal

The duty factor of Bluetooth signal has been calculated as following.
Duty Factor = Pulse Width / Total Period = (14.79 - 11.89) / (15.66 - 11.89) = 76.92%