

● **Worst Case For SAR Test Result**
Antenna: ANT 1-AUX, Test Position: Screen

Measurement Report for 17Z90R, SCREEN, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
17Z90R,	380.0 x 260.0 x 8.0		Laptop

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, HSL	SCREEN, 5.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.55	5.46	34.9

Hardware Setup

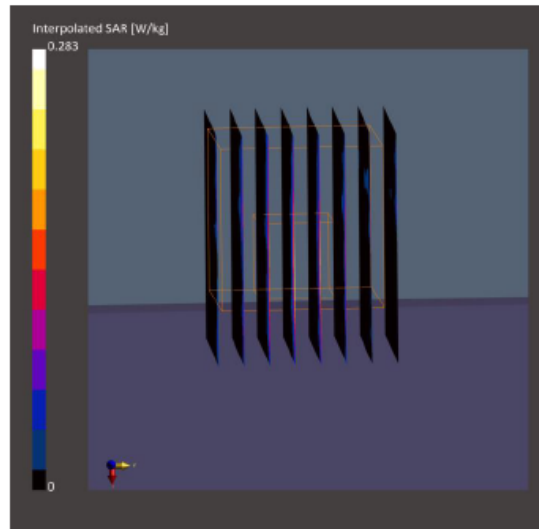
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 5n1337, 2023-03-31

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 153.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-06-28	2023-06-28
psSAR1g [W/kg]	0.057	0.064
psSAR10g [W/kg]	0.019	0.021
psAPD (1.0cm2, sq) [W/m2]		0.637
psAPD (4.0cm2, sq) [W/m2]		0.475
Power Drift [dB]	0.76	1.39
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.2
Dist 3dB Peak [mm]		5.6



Antenna: ANT 1-AUX, Test Position: Bottom

Measurement Report for 17Z90R, BOTTOM, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
17Z90R,	380.0 x 260.0 x 8.0		Laptop

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, HSL	BOTTOM, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.55	5.46	34.9

Hardware Setup

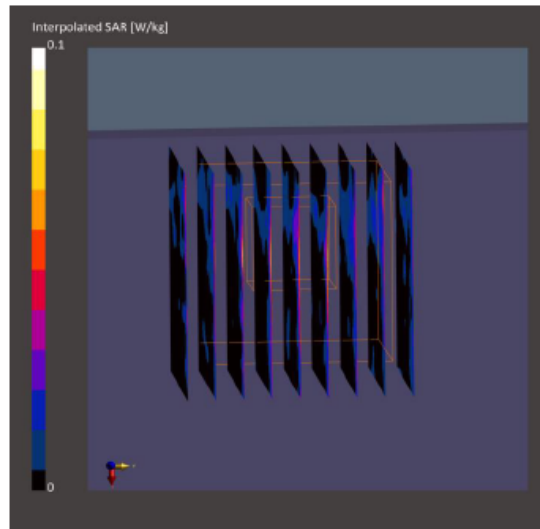
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2022-09-27	DAE4 Sn1337, 2023-03-31

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-06-29	2023-06-29
psSAR1g [W/kg]	0.016	0.023
psSAR10g [W/kg]	0.004	0.010
psAPD (1.0cm2, sq) [W/m2]		0.227
psAPD (4.0cm2, sq) [W/m2]		0.227
Power Drift [dB]	1.27	0.20
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		76.2
Dist 3dB Peak [mm]		> 11.0



● **Worst Case For Power Density Test Result**

Antenna: ANT 1-AUX

Measurement Report for 17Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
17Z90R	380.0 x 260.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

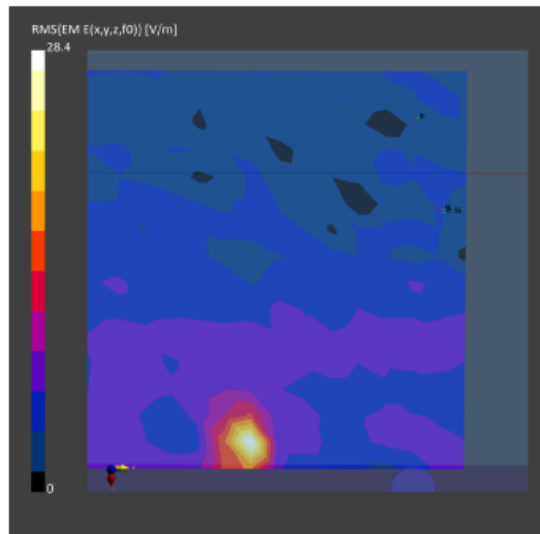
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2023-04-19	DAE4 Sn1337, 2023-03-31

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2023-06-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.675
psPDtot+ [W/m ²]	0.761
psPDmod+ [W/m ²]	0.812
E _{max} [V/m]	28.4
Power Drift [dB]	-2.48



Antenna: ANT 2-Main

Measurement Report for 17Z90R, Screen, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
17Z90R	380.0 x 260.0 x 8.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air---	EUmmWV4 - SN9544_F1-55GHz, 2023-04-19	DAE4 Sn1337, 2023-03-31

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2023-06-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.659
psPDtot+ [W/m ²]	0.954
psPDmod+ [W/m ²]	1.21
E _{max} [V/m]	38.0
Power Drift [dB]	-0.20

