

• SAR Test Result

Test SKU: SKU #1 (with INPAQ Antenna)

Antenna Chain 1 (Main), Test Position: Screen

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z9OQ,	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

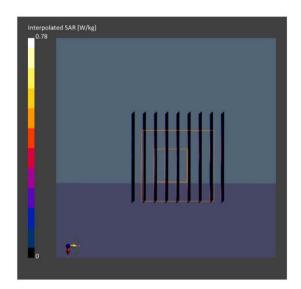
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Screen, 5.00	U-NII-5	WLAN,	6025.0,	5.55	5.46	34.9
LIST			10755-000	15			

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2021-09-24	DAE4 Sn1337, 2022-03-29

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	$3.4 \times 3.4 \times 1.4$
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

/leasurement Results		
	Area Scan	Zoom Scan
Date	2022-05-16	2022-05-16
psSAR1g [W/kg]	0.198	0.191
psSAR10g [W/kg]	0.071	0.064
Power Drift [dB]	-0.18	0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.0
Dist 3dB Peak [mm]		8.2





Antenna Chain 0 (Main), Test Position: Bottom

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q,	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

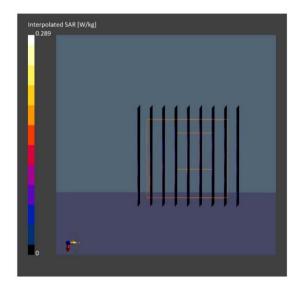
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat,	Bottom, 0.00	U-NII-5	WLAN,	6025.0,	5.55	5.46	34.9
USI			10755-446	15			

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2021-09-24	DAE4 Sn1337, 2021-03-29

Scan Setup		
	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	$3.4 \times 3.4 \times 1.4$
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

	Area Scan	Zoom Scan
Date	2022-05-16	2022-05-16
psSAR1g [W/kg]	0.056	0.063
psSAR10g [W/kg]	0.020	0.021
Power Drift [dB]	3.19	3.53
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		4.8



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Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)

Antenna Chain 0 (AUX), Test Position: Screen

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q.	355.0 x 240.0 x 6.0		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,	Screen, 5.00	U-NII-5	WLAN,	6025.0,	5.55	5.46	34.9
LICI			107EE AAC	15			

Hardware Setup

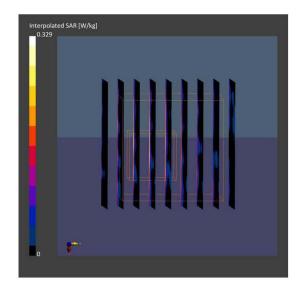
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date	
FLLV5 0 (20deg probe tilt) - 1170	HBBI -600-10000	FX3DV4 - SN3855 2021-09-24	DAE4 Sn1337, 2022-03-29	

Scan	Setup
	95

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 204.0	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	Υ	Υ
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-27	2022-05-27
psSAR1g [W/kg]	0.071	0.081
psSAR10g [W/kg]	0.023	0.033
Power Drift [dB]	-0.54	0.50
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.4
Dist 3dB Peak [mm]		6.3



Report Number: EM-SR220040 File Number: C1M2203389



Antenna Chain 0 (AUX), Test Position: Bottom

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q,	355.0 x 240.0 x 6.0		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,	Bottom, 0.00	U-NII-5	WLAN,	6025.0,	5.55	5.46	34.9
HSL			10755-AAC	15			

Hardware Setup

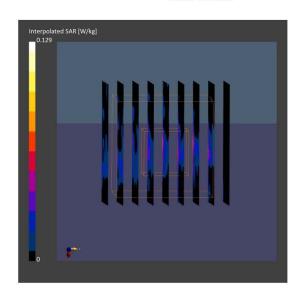
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1170	HBBL-600-10000	EX3DV4 - SN3855, 2021-09-24	DAE4 Sn1337, 2022-03-29

Scan Setu	ıp
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	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 204.0	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	γ	γ
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-27	2022-05-27
psSAR1g [W/kg]	0.053	0.039
psSAR10g [W/kg]	0.020	0.017
Power Drift [dB]	0.68	0.21
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		> 11 0





Power Density Test Result

Test SKU: SKU #1 (with INPAQ Antenna) Antenna Chain 0 (AUX)

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-5	WLAN,	6025.0,	1.0
	2.00		10755-AAC	15	

Hardware Setup

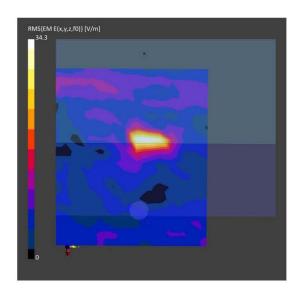
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

	JU Juan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	Υ

Measurement Results

	5G Scan
Date	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.455
psPDtot+ [W/m ²]	1.15
psPDmod+ [W/m²]	1.79
E _{max} [V/m]	34.3
Power Drift [dB]	-1.00





Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

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

Hardware Setup

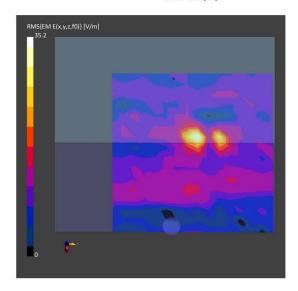
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.503
psPDtot+ [W/m ²]	0.555
psPDmod+ [W/m²]	0.756
E _{max} [V/m]	35.2
Power Drift [dB]	1.30





Measurement Report for 16Z90Q, FRONT, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90Q	355.0 x 240.0 x 6.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-6	WLAN,	6505.0,	1.0
	3.00		107FF AAC	111	

Hardware Setup

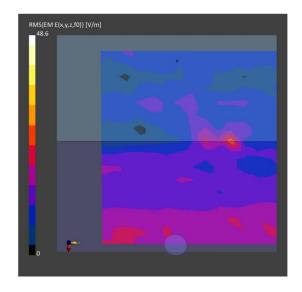
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

	ou ocan
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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.762
psPDtot+ [W/m ²]	0.878
psPDmod+ [W/m²]	0.932
E _{max} [V/m]	27.6
Power Drift [dB]	-3.17





Measurement Report for 16Z90Q, FRONT, U-NII-7, UID 10755 AAC, Channel 175 (6825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-7	WLAN,	6825.0,	1.0
	3.00		107FF AAC	175	

Hardware Setup

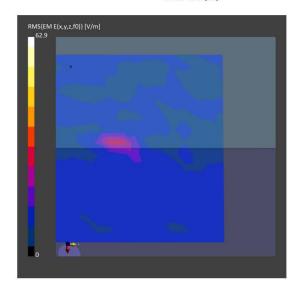
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		77	

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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.624
psPDtot+ [W/m ²]	0.692
psPDmod+ [W/m²]	1.25
E _{max} [V/m]	29.3
Power Drift [dB]	-0.25





Measurement Report for 16Z90Q, FRONT, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-8	WLAN,	6985.0,	1.0
	2.00		10755-AAC	207	

Hardware Setup

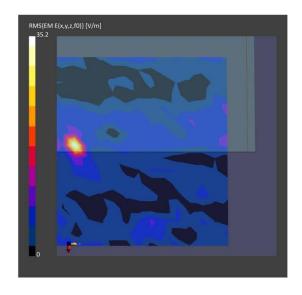
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

	ou ocan
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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.422
psPDtot+ [W/m²]	0.518
psPDmod+ [W/m²]	0.773
E _{max} [V/m]	35.2
Power Drift [dB]	-0.66





Test SKU: SKU #1 (with INPAQ Antenna) Antenna Chain 1 (Main)

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
Widuel, Mailulacturel	Dimensions [mm]	HAICH	DOLTYPE	
167900	355 0 × 240 0 × 6 0		Lanton	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-5	WLAN,	6025.0,	1.0
	2.00		10755-AAC	15	

Hardware Setup

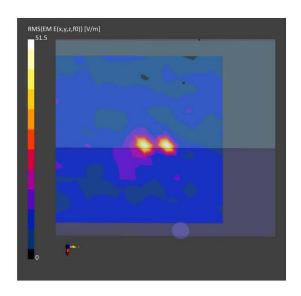
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		77	

Scan Setup

120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.00
psPDtot+ [W/m²]	1.14
psPDmod+ [W/m ²]	2.81
E _{max} [V/m]	51.5
Power Drift [dB]	-0.39





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Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

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

Hardware Setup

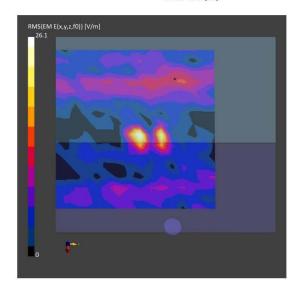
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.284
psPDtot+ [W/m²]	0.316
psPDmod+ [W/m²]	0.686
E _{max} [V/m]	26.1
Power Drift [dB]	-0.49





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Measurement Report for 16Z90Q, FRONT, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-6	WLAN,	6505.0,	1.0
	2.00		10755-AAC	111	

Hardware Setup

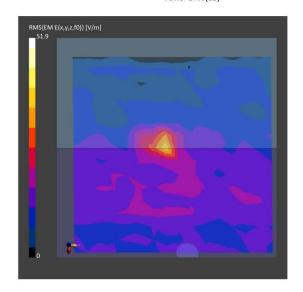
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.895
psPDtot+ [W/m ²]	1.27
psPDmod+ [W/m ²]	1.80
E _{max} [V/m]	38.2
Power Drift [dB]	-0.13





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Measurement Report for 16Z90Q, FRONT, U-NII-7, UID 10755 AAC, Channel 175 (6825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90Q	355.0 x 240.0 x 6.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-7	WLAN,	6825.0,	1.0
	2.00		10755-AAC	175	

Hardware Setup

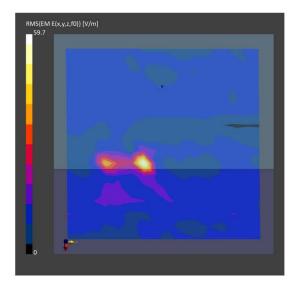
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	1.46
psPDtot+ [W/m²]	1.59
psPDmod+ [W/m²]	2.46
E _{max} [V/m]	59.7
Power Drift [dB]	-1.15





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Measurement Report for 16Z90Q, FRONT, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		Laptop	

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Screen,	U-NII-8	WLAN,	6985.0,	1.0
	2.00		10755-AAC	207	

Hardware Setup

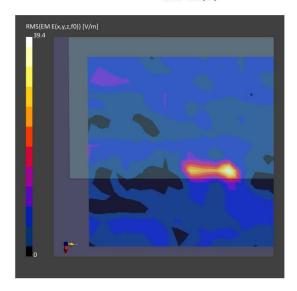
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.634
psPDtot+ [W/m ²]	0.712
psPDmod+ [W/m²]	1.10
E _{max} [V/m]	39.4
Power Drift [dB]	-1.10



Report Number: EM-SR220040 File Number: C1M2203389



Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)

Antenna Chain 0 (AUX)

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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,	6025.0,	1.0
			10755-AAC	15	

Hardware Setup

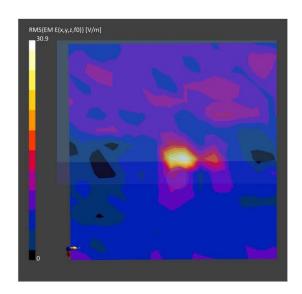
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		77	

Scan Setup

ou stan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.477
psPDtot+ [W/m ²]	0.641
psPDmod+ [W/m ²]	1.40
E _{max} [V/m]	30.9
Power Drift [dB]	-0.22





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Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90Q	355.0 x 240.0 x 6.0		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,	6345.0,	1.0
			10755-AAC	79	

Hardware Setup

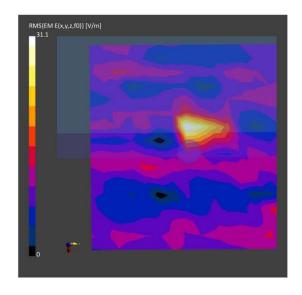
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.375
psPDtot+ [W/m ²]	0.521
psPDmod+ [W/m²]	0.672
E _{max} [V/m]	31.0
Power Drift [dB]	-1.40



Report Number: EM-SR220040 File Number: C1M2203389



Measurement Report for 16Z90Q, FRONT, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
16Z90Q	355.0 x 240.0 x 6.0		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-6	WLAN,	6505.0,	1.0
			10755-AAC	111	

Hardware Setup

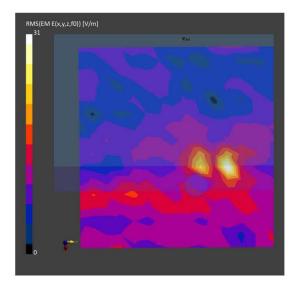
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.771
psPDtot+ [W/m ²]	0.906
psPDmod+ [W/m²]	1.24
E _{max} [V/m]	31.0
Power Drift [dB]	1.81





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Measurement Report for 16Z90Q, FRONT, U-NII-7, UID 10755 AAC, Channel 175 (6825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

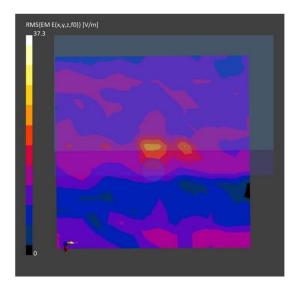
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.722
psPDtot+ [W/m²]	0.758
psPDmod+ [W/m²]	0.995
E _{max} [V/m]	23.5
Power Drift [dB]	0.07





Measurement Report for 16Z90Q, FRONT, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
, 16Z90Q	355.0 x 240.0 x 6.0		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-8	WLAN,	6985.0,	1.0
			10755-AAC	207	

Hardware Setup

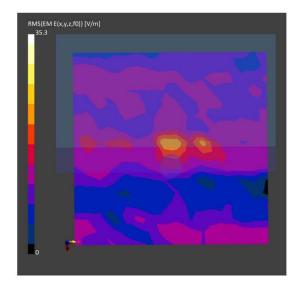
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.690
psPDtot+ [W/m ²]	0.745
psPDmod+ [W/m²]	0.830
E _{max} [V/m]	20.4
Power Drift [dB]	-2.67





Test SKU: SKU #2 (with LUXSHARE-ICT Antenna)

Antenna Chain 1 (Main)

Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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,	6025.0,	1.0
			10755-AAC	15	

Hardware Setup

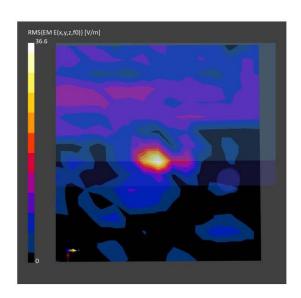
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

ou stan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	JU Juli
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.658
psPDtot+ [W/m²]	0.789
psPDmod+ [W/m ²]	1.31
E _{max} [V/m]	36.6
Power Drift [dB]	-0.21





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Measurement Report for 16Z90Q, FRONT, U-NII-5, UID 10755 AAC, Channel 79 (6345.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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

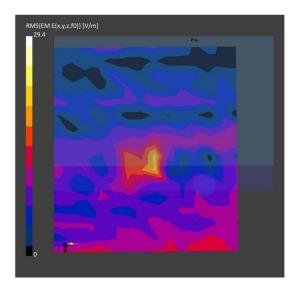
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

JG JCan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.203
psPDtot+ [W/m²]	0.252
psPDmod+ [W/m²]	0.672
E _{max} [V/m]	20.8
Power Drift [dB]	1.57



Report Number: EM-SR220040 File Number: C1M2203389



Measurement Report for 16Z90Q, FRONT, U-NII-6, UID 10755 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

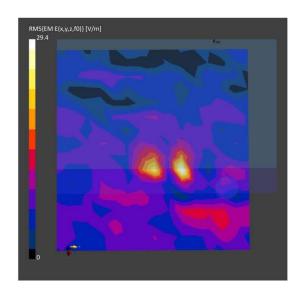
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

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	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.382
psPDtot+ [W/m ²]	0.497
psPDmod+ [W/m²]	0.574
E _{max} [V/m]	29.3
Power Drift [dB]	-1.84





Measurement Report for 16Z90Q, FRONT, U-NII-7, UID 10755 AAC, Channel 175 (6825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
. 16Z90Q	355.0 x 240.0 x 6.0		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-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

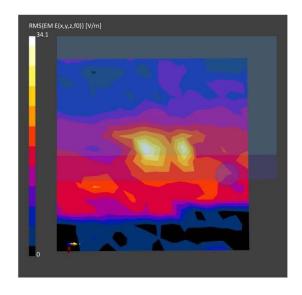
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	1.28
psPDtot+ [W/m ²]	1.41
psPDmod+ [W/m ²]	1.51
E _{max} [V/m]	34.1
Power Drift [dB]	0.31





Measurement Report for 16Z90Q, FRONT, U-NII-8, UID 10755 AAC, Channel 207 (6985.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
16Z90Q	355.0 x 240.0 x 6.0		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-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1059	Air	EUmmWV4 - SN9544_F1-55GHz, 2022-04-	DAE4 Sn1337, 2022-03-29
		27	

Scan Setup

5G Scan
120.0 x 120.0
0.25 x 0.25
2.0
N/A

Measurement Results

	5G Scan
Date	2022-05-31
Avg. Area [cm ²]	4.00
psPDn+ [W/m²]	0.400
psPDtot+ [W/m²]	0.772
psPDmod+ [W/m²]	2.02
E _{max} [V/m]	40.0
Power Drift [dB]	0.32

