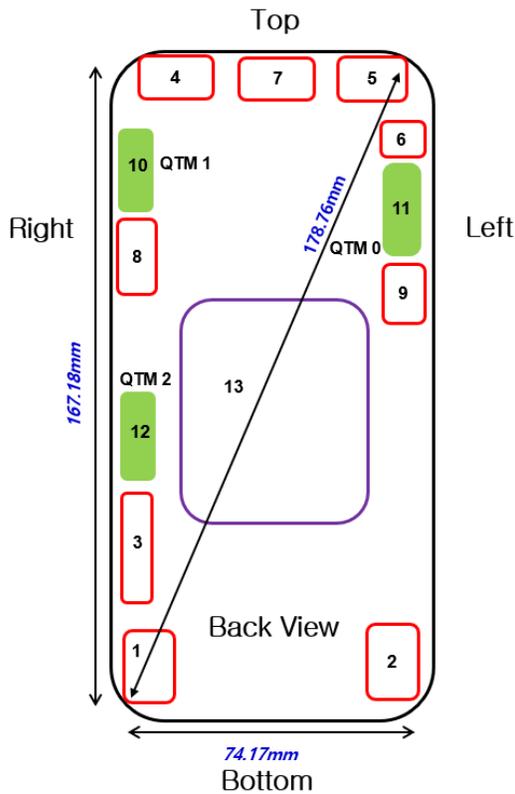


APPENDIX D: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS



Antenna	Mode	Band
1	CDMA	B0 TX,RX
	WCDMA	B5 TX,RX
	LTE	B5/B12/B13 TX,RX
	GSM	850 TX,RX
	NR FR1	n5 TX,RX
2	CDMA	B0 TX,RX
	WCDMA	B2 TX,RX
	LTE	B2/B4/B66 TX,RX
	GSM	1900 TX,RX
3	NR FR1	n2/n66 3 rd RX
	LTE	B2/B4/B66 3 rd RX
4	NR FR1	n2/n66 TX,RX
	CDMA	B0 2 nd RX
	WCDMA	B5 2 nd RX
	LTE	B5/B12/B13 2 nd RX B2/B4/B66/B48 4 th RX
	GSM	850 2 nd RX
5	NR FR1	n5 2 nd RX n2/n66 4 th RX
	WIFI	2.4GHz/5GHz 2 nd TX,RX
6	GNSS	L1 1.574~1.6GHz
	Wi-Fi	2.4GHz/5GHz TX,RX
	Bluetooth	2.4GHz
7	LTE	B46 RX
	NR FR1	B2/B4/B66/B48 2 nd RX
8	NR FR1	n2/n66 2 nd RX
	LTE	B48 TX RX
9	LTE	B48 3 rd RX
	LTE	B48 TX RX
10	NR FR2	n260/n261 module
	NR FR2	n260/n261 module
11	NR FR2	n260/n261 module
	NR FR2	n260/n261 module
12	NR FR2	n260/n261 module
13	NFC	13.56MHz

Figure D-1
DUT Antenna Locations

Note: Exact antenna dimensions and separation distances are shown in the Technical Descriptions in the FCC Filing.

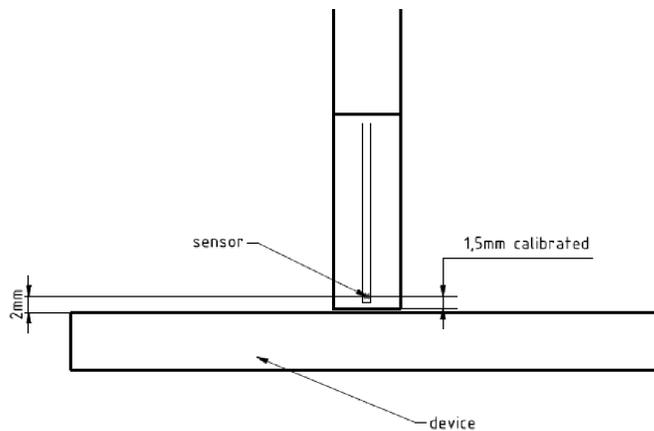
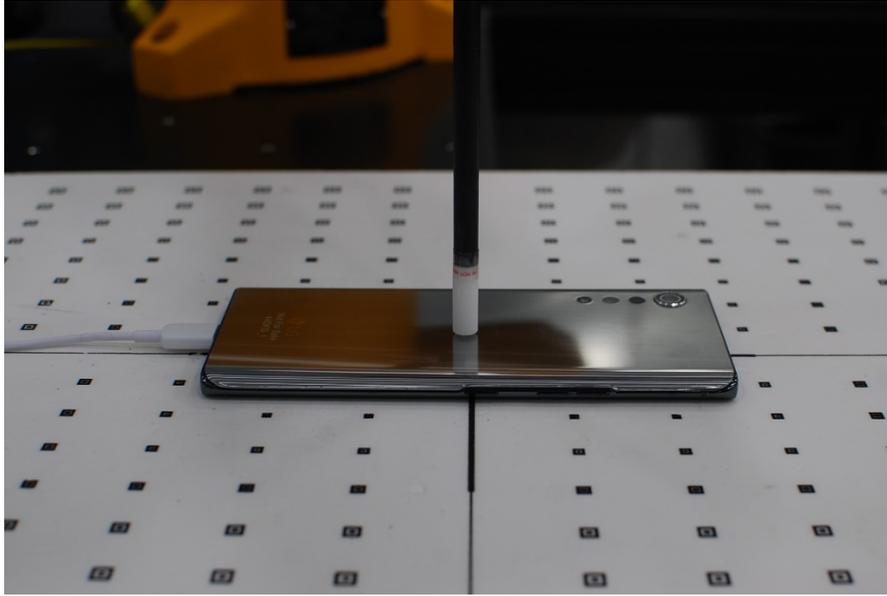


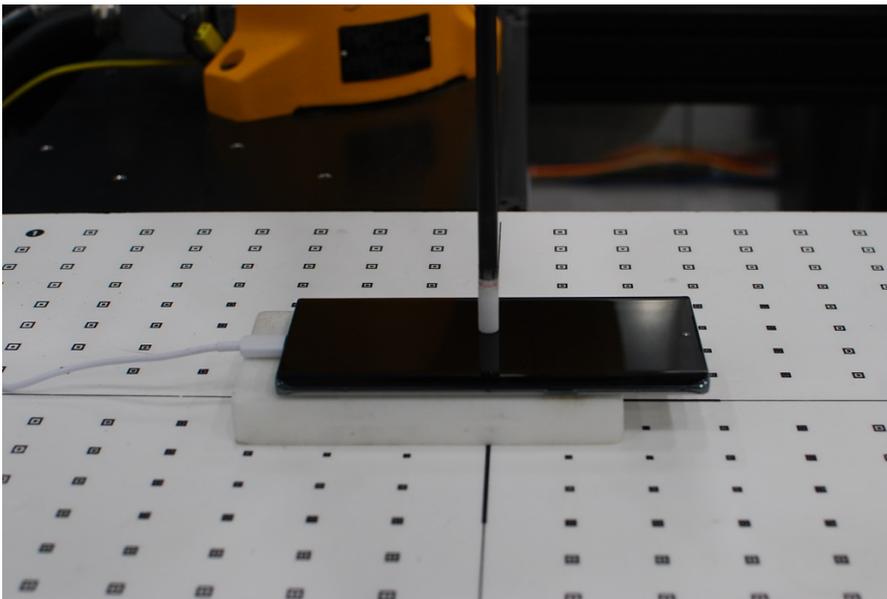
Figure D-2
EUMmWV3 Probe

Note: Distances below are distance from device surface to sensor-center. Therefore, distances include 1.5 mm for Probe Tip to Sensor Calibration Points.

FCC ID: ZNFG900VM	PCTEST Proud to be part of element	NEAR-FIELD POWER DENSITY EVALUATION REPORT	LG	Approved by: Quality Manager
Test Dates: 5/11/2020 – 5/28/2020	DUT Type: Portable Handset			APPENDIX D: Page 1 of 4



Near Field Power Density Test Setup Photo – back at 2mm

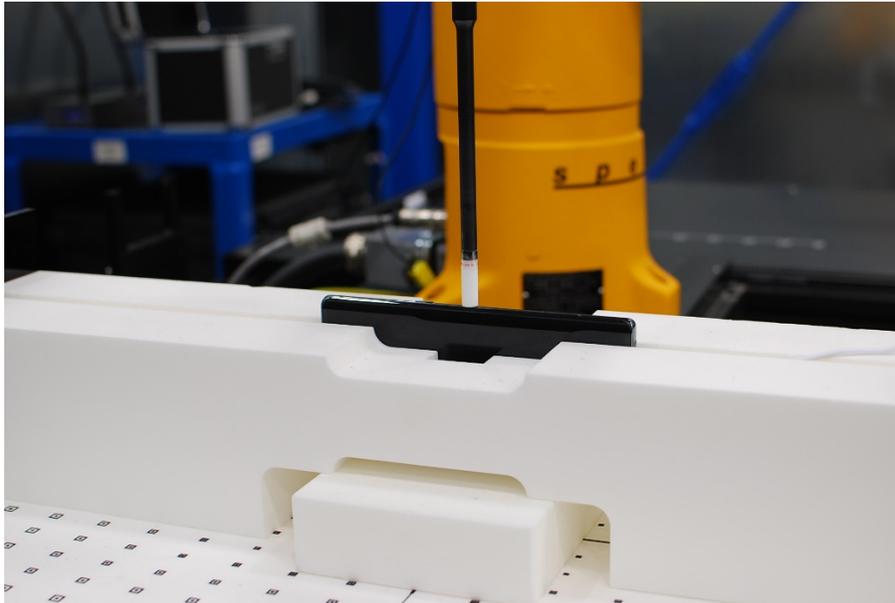


Near Field Power Density Test Setup Photo - front at 2mm

FCC ID: ZNFG900VM	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 5/11/2020 – 5/28/2020	DUT Type: Portable Handset	APPENDIX D: Page 2 of 4		

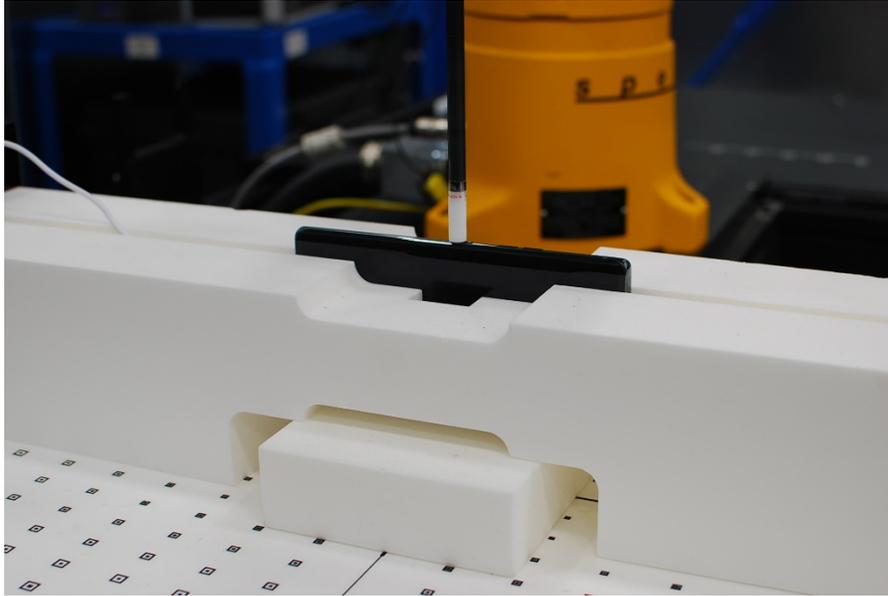


Near Field Power Density Test Setup Photo - top at 2mm



Near Field Power Density Test Setup Photo - right at 2mm

FCC ID: ZNFG900VM	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 5/11/2020 – 5/28/2020	DUT Type: Portable Handset	APPENDIX D: Page 3 of 4		



Near Field Power Density Test Setup Photo - left at 2mm

FCC ID: ZNFG900VM	 PCTEST <small>Proud to be part of element</small>	NEAR-FIELD POWER DENSITY EVALUATION REPORT		Approved by: Quality Manager
Test Dates: 5/11/2020 – 5/28/2020	DUT Type: Portable Handset	APPENDIX D: Page 4 of 4		