

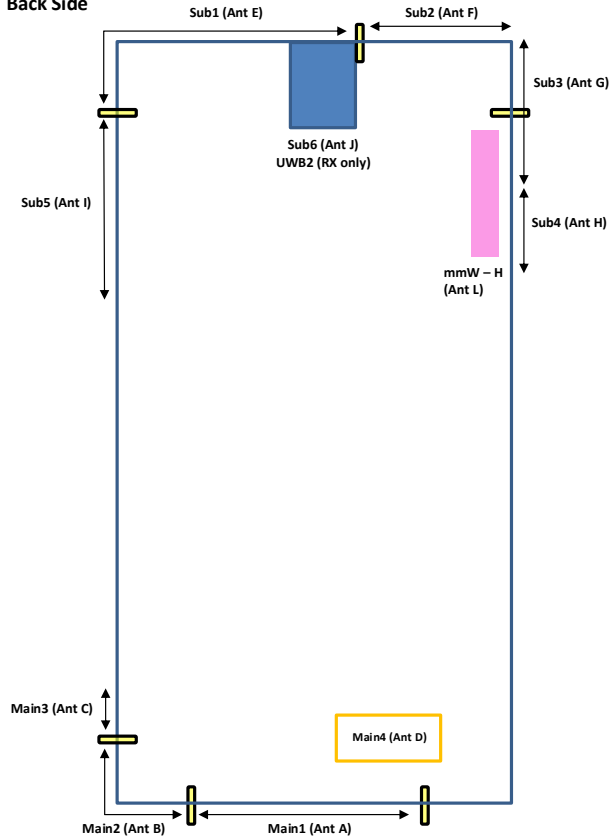
APPENDIX C: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS

FCC ID A3LSMS948U	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX C: Page 1 of 5

* Placement of each antenna

Rear View

Back Side



Tx Antenna Information Blue Highlighted

Ant	Support Band List	Ant	Support Band List
MAIN1 [Ant A]	TX/RX - GSM 1900, WCDMA B2/4 - GSM 850, WCDMA B5 (ASDv) - LTE B2/4/25/66/71 - NR n2/25/66/70/71 - LTE B5/12/13/14/26 (ASDv) - NR n5/12/14/26 (ASDv) - LTE B30 (Tx Dev. Hopping) - NR n30 (Tx Dev. Hopping)	SUB1 [Ant E]	TX/RX - GSM850, WCDMA B5 - LTE B5/12/13/14/26 - NR n5/12/14/26 - LTE B71 (ASDv) - NR n71(ASDv) TX (SRS only) - NR n41 (SRS)
MAIN2 [Ant B]	PRX - LTE B29 - NR n29 DRX - GSM850, WCDMA B5 - LTE B5/12/13/14/26/30 - NR n5/12/14/26/30 - B255 (NTN)	SUB2 [Ant F]	TX/RX - LTE B7/30/38/41/48 - NR n7/30/38/41/48/77/78 - LTE B2/4/25/66 (Tx Dev. Hopping) - NR n2/25/66/70 (Tx Dev. Hopping) - B255 (NTN) - NR n41/77 (UL-MIMO) DRX - GSM1900, WCDMA B2/4 - LTE B2/4/25/66 - NR n2/25/66/70 GPS L1
MAIN3 [Ant C]	TX (SRS only) - NR n48/77/78 (SRS) PRX MIMO - LTE B2/4/25/66 - NR n2/25/66/70 DRX - LTE B48 - NR n48/77/78 DRX MIMO - LTE B30 - NR n30	SUB3 [Ant G]	DRX MIMO - LTE B2/4/25/66 - NR n2/25/66/70 WIFI#1 2.4GHz (BT ant1), 5GHz/6GHz GPS L5
MAIN4 [Ant D]	TX (SRS only) - NR n41/48/77/78 (SRS) - NR n41/77 (SRS w/ UL-MIMO) DRX MIMO - LTE B7/38/41/48 - NR n7/38/41/48/77/78	SUB4 [Ant H]	TX/RX - n48/77/78 (SRS) PRX MIMO - LTE B48 - NR n48/77/78 UWB1
mmW [Ant L]	TX/RX NR mmW n258/260/261	SUB5 [Ant I]	WIFI#2 2.4GHz(BT ant2)
		SUB6 [Ant J]	UWB2

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

* Diagonal dimension of Display and device

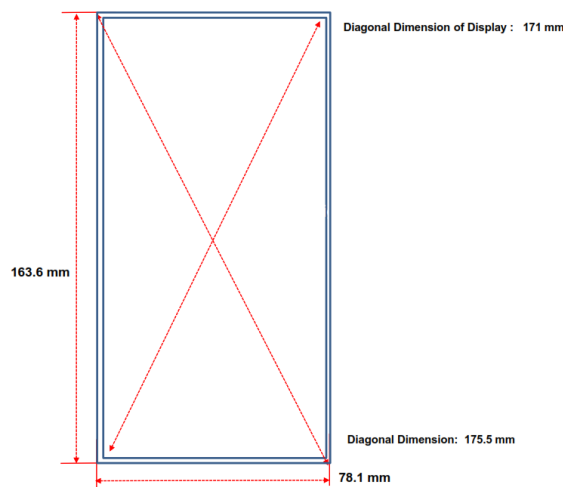


Figure C-1
DUT Antenna Locations

FCC ID A3LSMS948U	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX C: Page 2 of 5

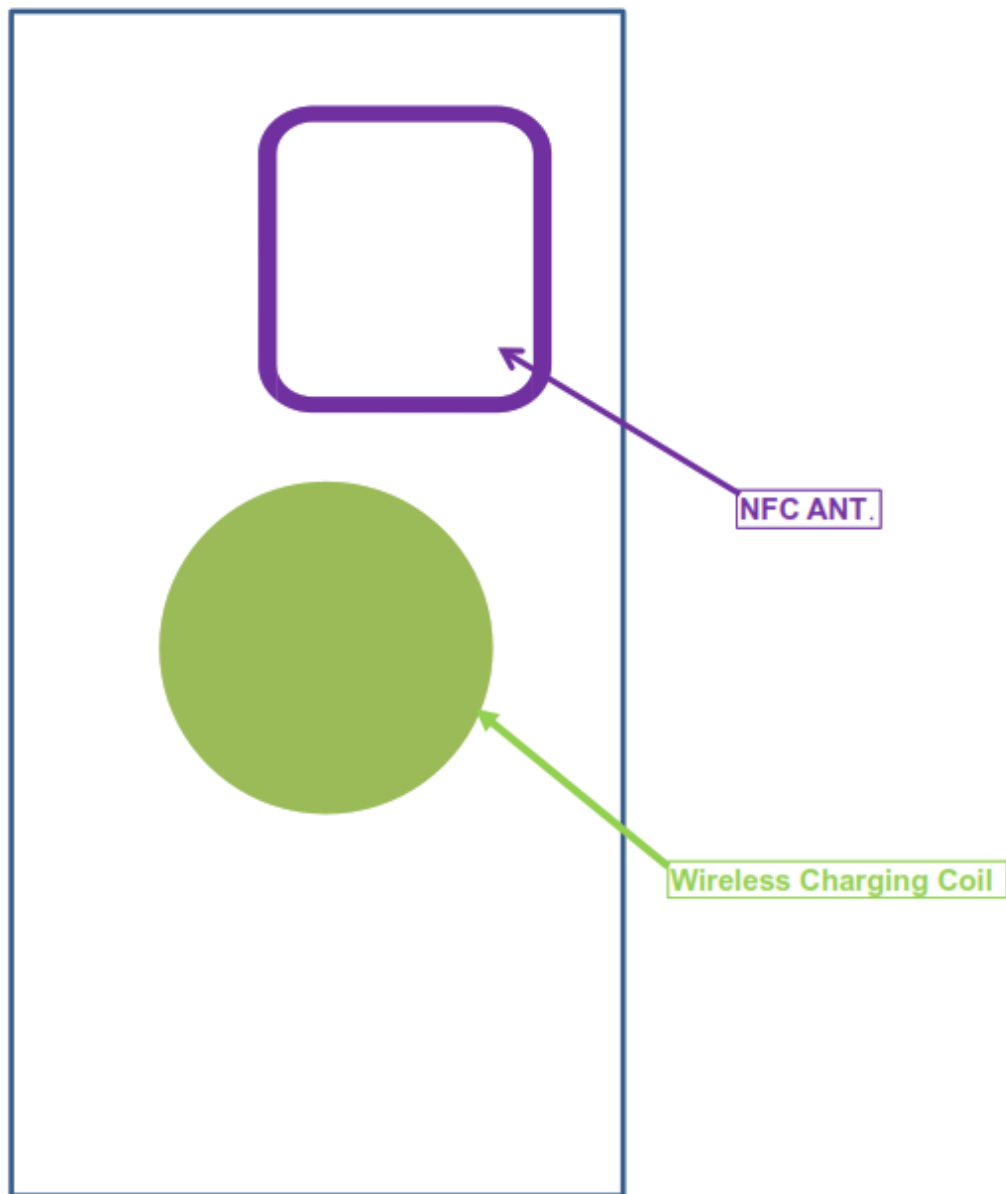


Figure C-2
NFC Antenna Locations

FCC ID A3LSMS948U	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX C: Page 3 of 5

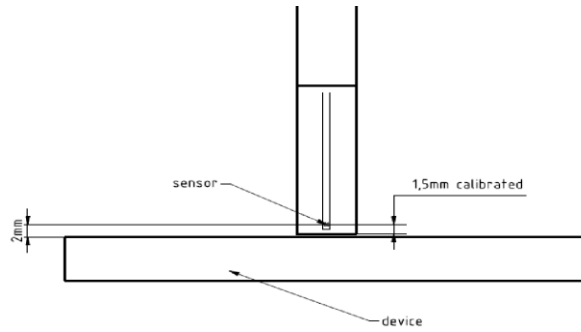


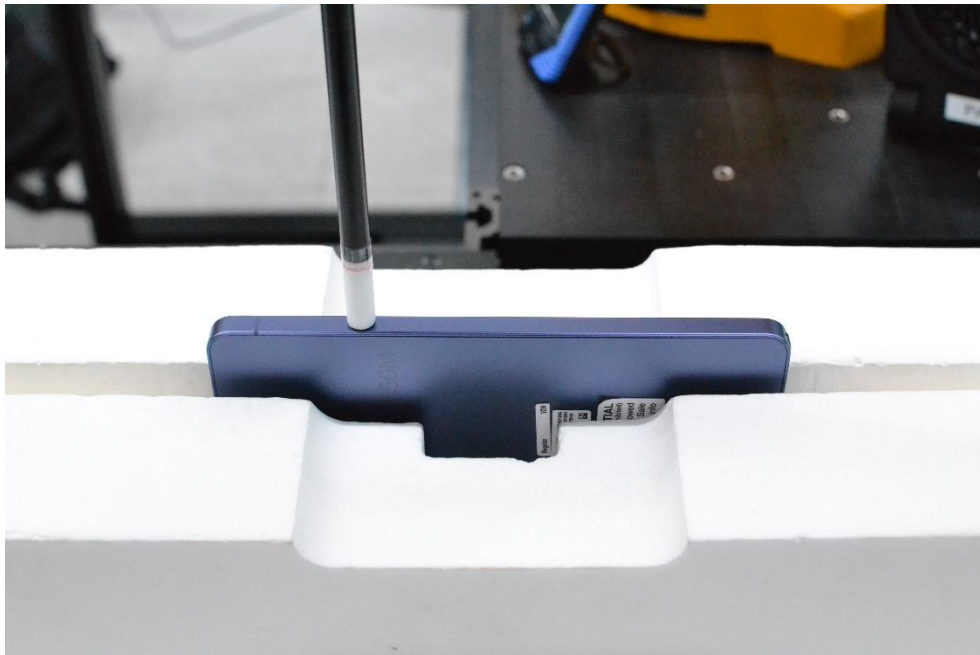
Figure C-3
EUMMWx Probe

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 A3LSMS948U	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX C: Page 4 of 5



Near Field Power Density Test Setup Photo 1 – Back Side at 2 mm



Near Field Power Density Test Setup Photo 2 – Left Edge at 2 mm

FCC ID A3LSMS948U	NEAR-FIELD POWER DENSITY EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Portable Handset		APPENDIX C: Page 5 of 5