## **APPENDIX D: DUT ANTENNA DIAGRAM & TEST SETUP PHOTOGRAPHS**

FCC ID: A3LSMG996U	Proud to be part of selement	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 1 of 6

REV 1.0 04/29/2020 © 2020 PCTEST

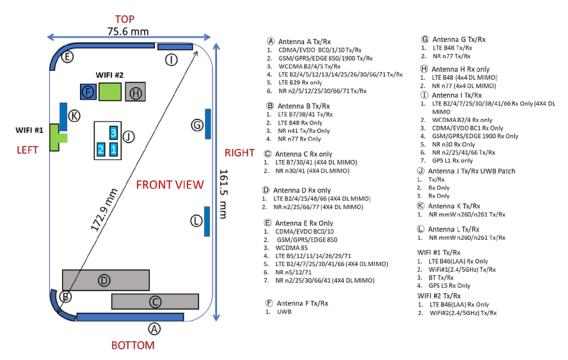
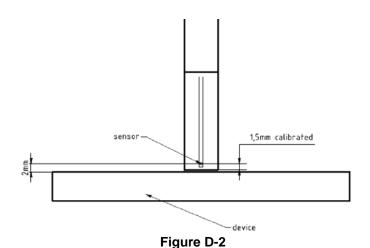


Figure D-1 **DUT Antenna Locations** 

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



**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: A3LSMG996U	Proud to be part of @ element	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 2 of 6

© 2020 PCTEST **REV 1.0** 



Figure D-3
Near Field Power Density Test Setup Photo – Back Side at 2 mm

FCC ID: A3LSMG996U	Proud to be part of relement	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 3 of 6



Figure D-4 Near Field Power Density Test Setup Photo – Left Edge at 2 mm

FCC ID: A3LSMG996U	Proud to be part of relement	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 4 of 6

REV 1.0 04/29/2020
© 2020 PCTEST. All rights reserved. Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from PCTEST. If you have any questions about this international copyright or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact INFO@PCTEST.COM.

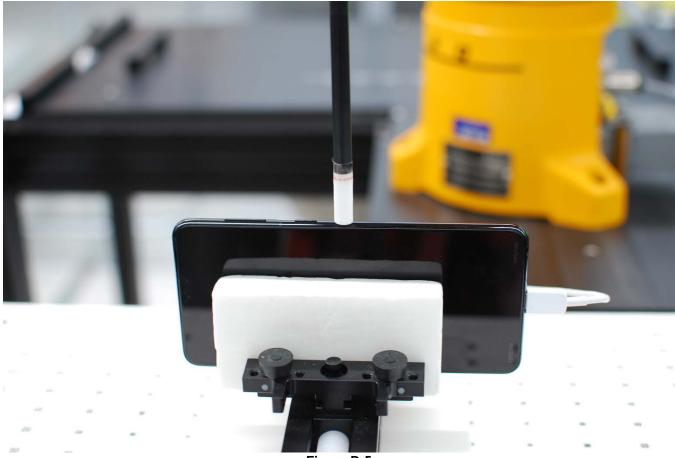


Figure D-5 Near Field Power Density Test Setup Photo – Right Edge at 2mm

FCC ID: A3LSMG996U	Proud to be part of relement	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 5 of 6



Figure D-6
Near Field Power Density Test Setup Photo – Back Side at 10mm

FCC ID: A3LSMG996U	PCTEST* Proud to be port of ® element	NEAR-FIELD POWER DENSITY EVALUATION REPORT	SAMSUNG	Approved by: Quality Manager
Test Dates:	DUT Type:			APPENDIX D:
10/29/2020 - 11/12/2020	Portable Handset			Page 6 of 6