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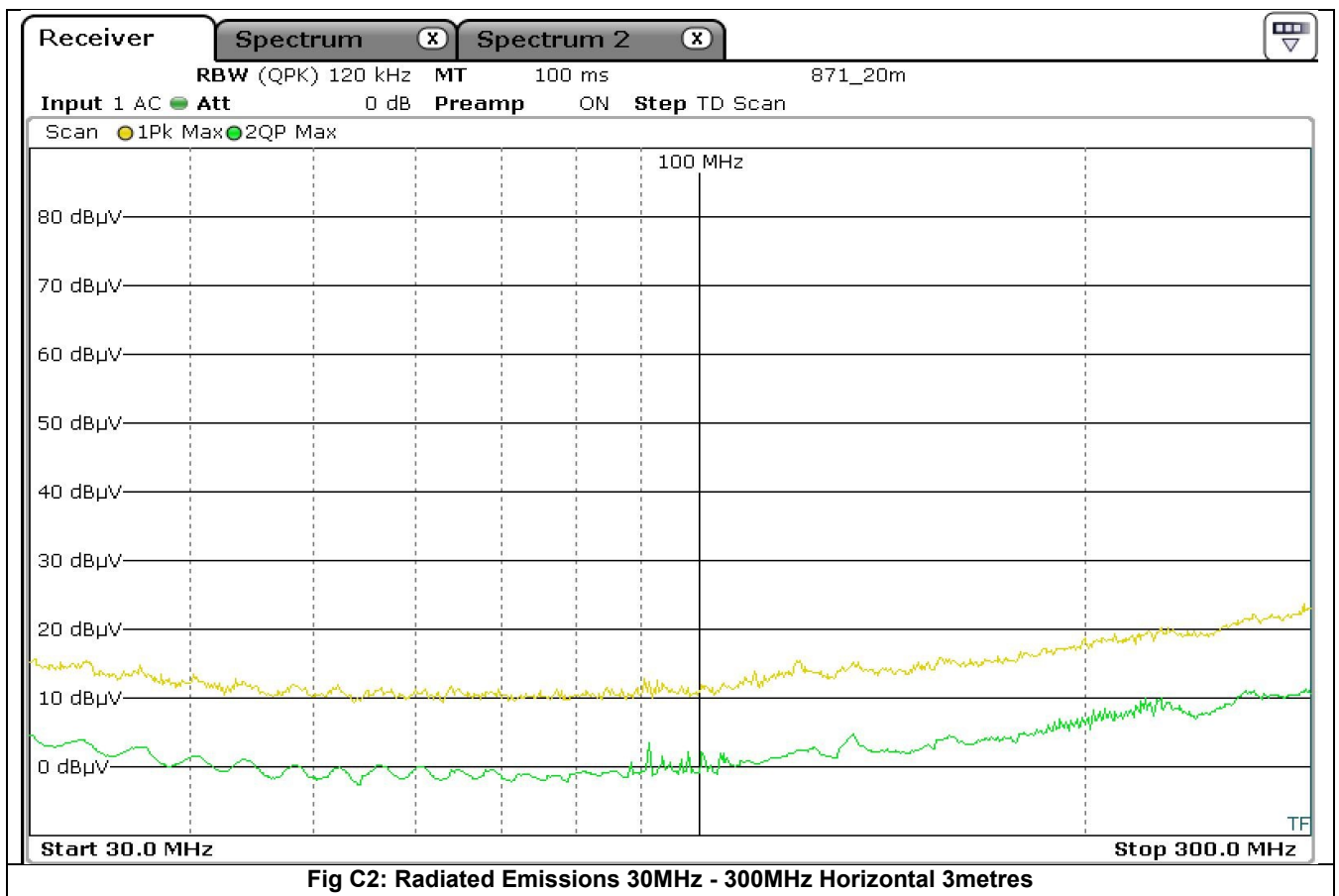
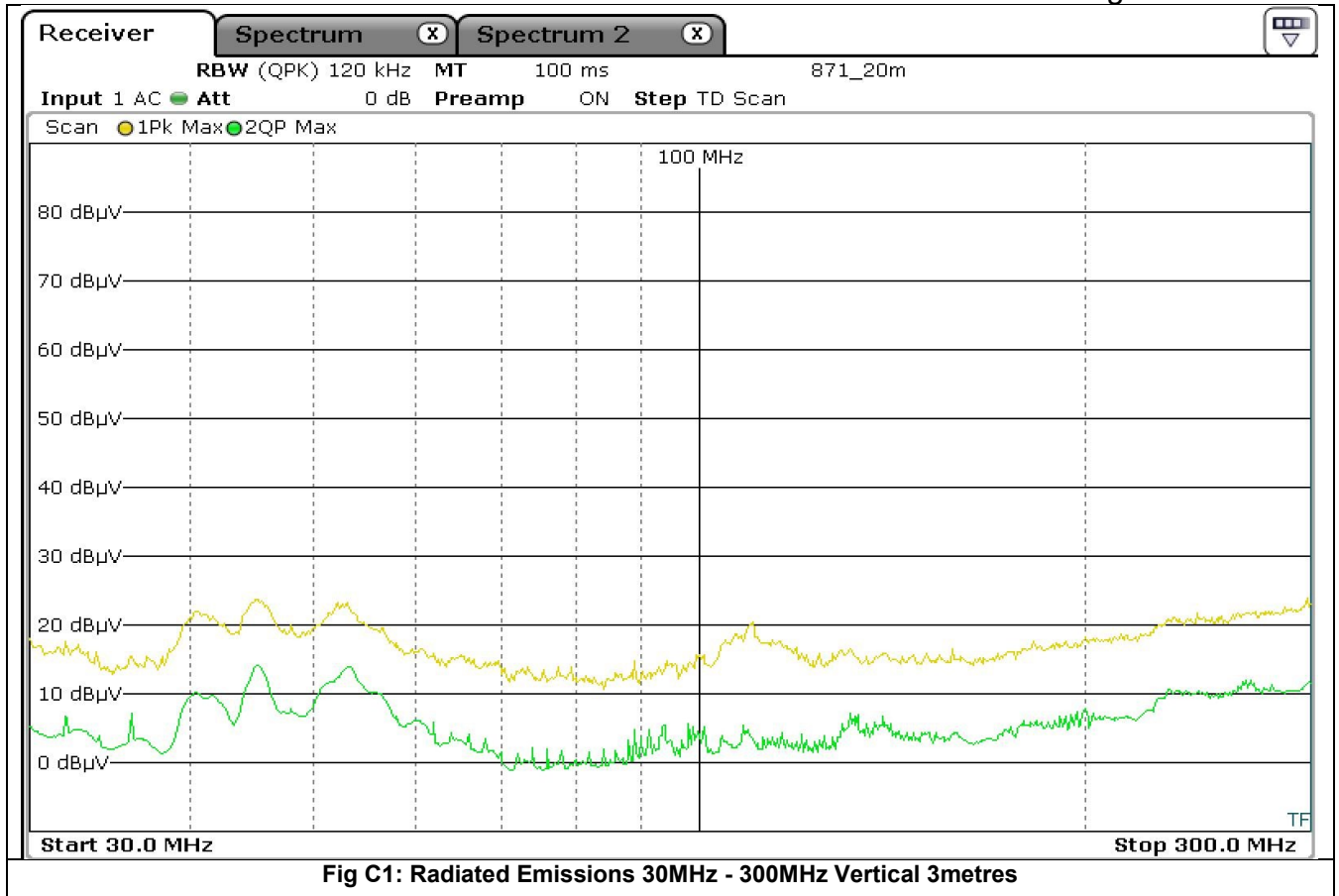
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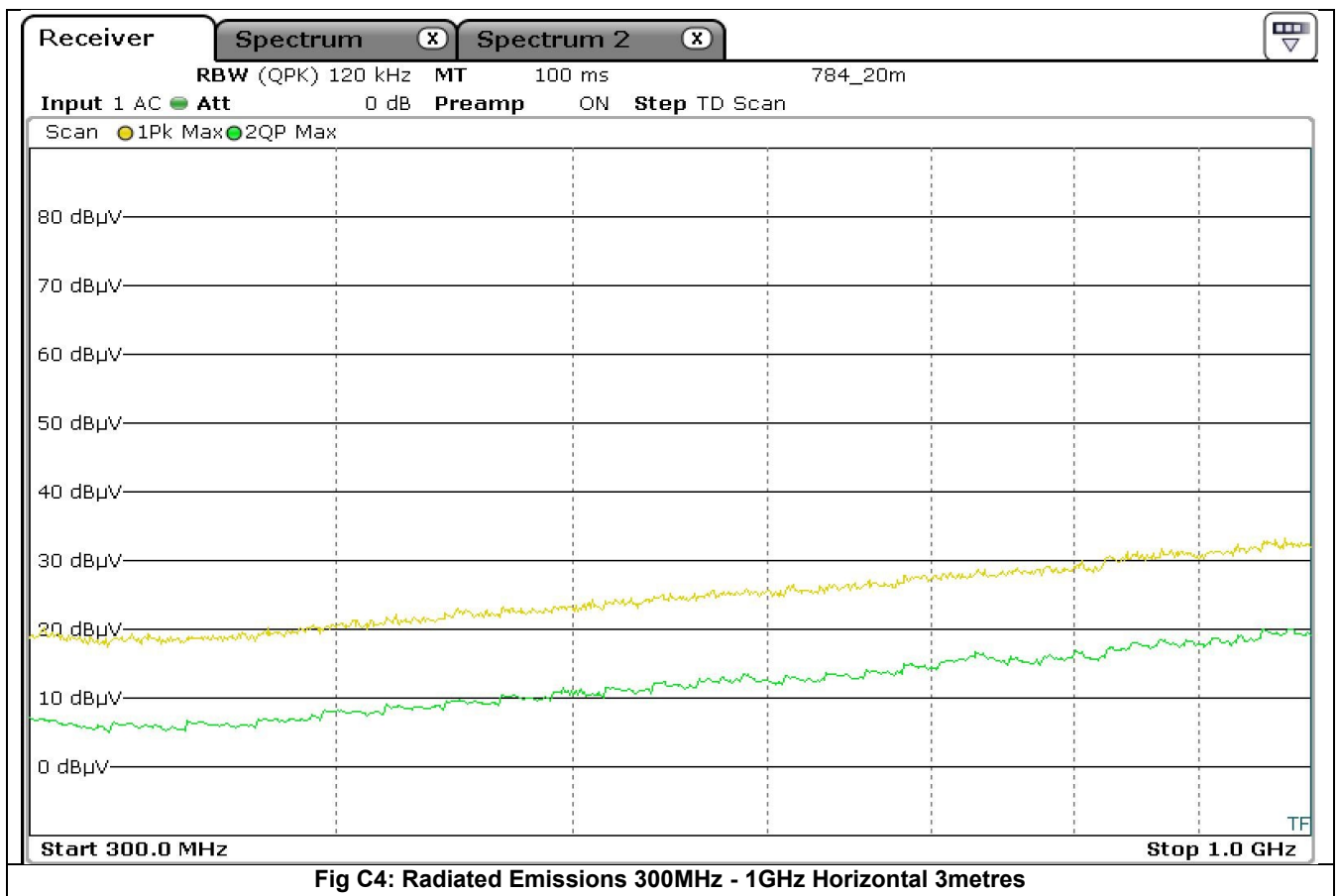
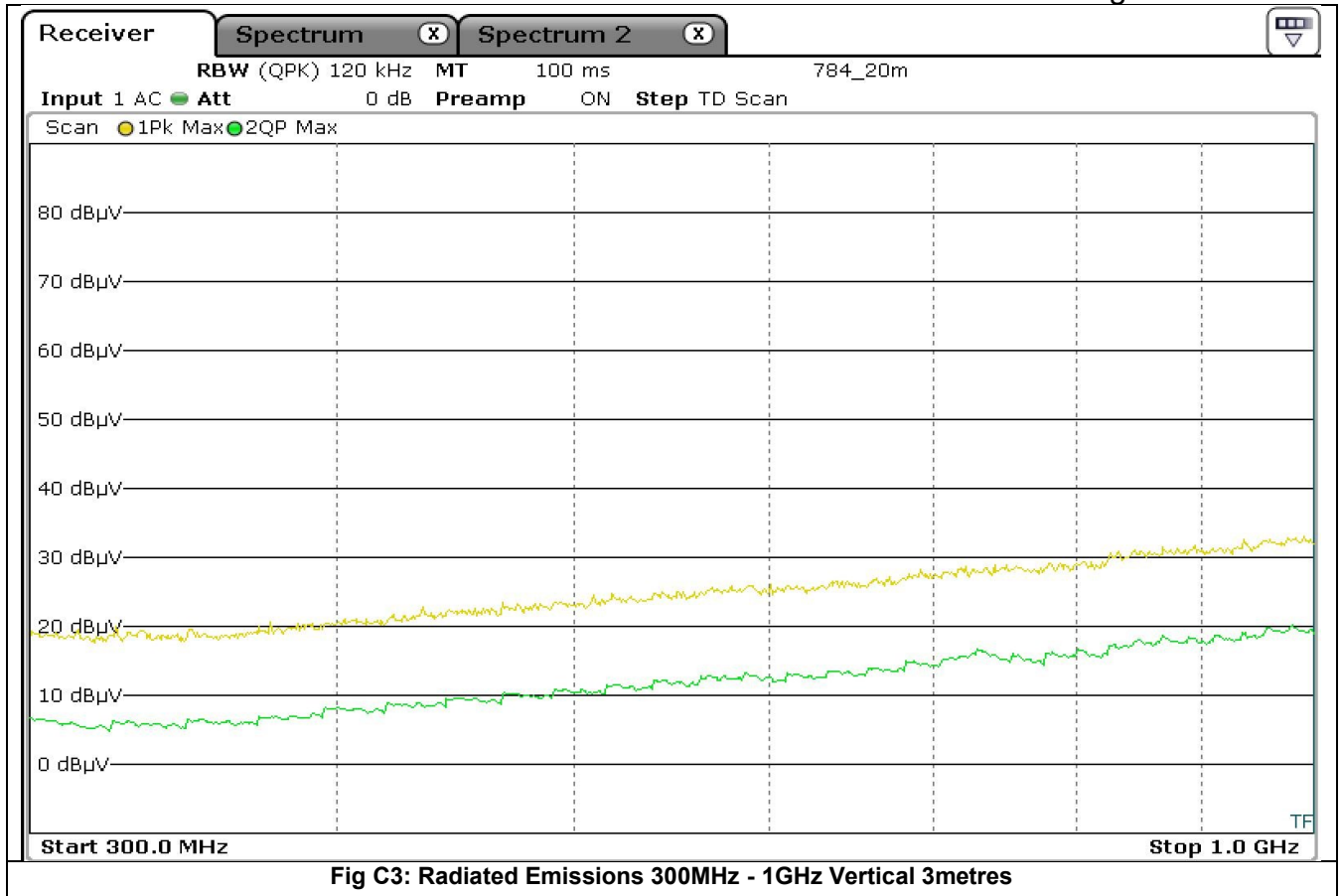
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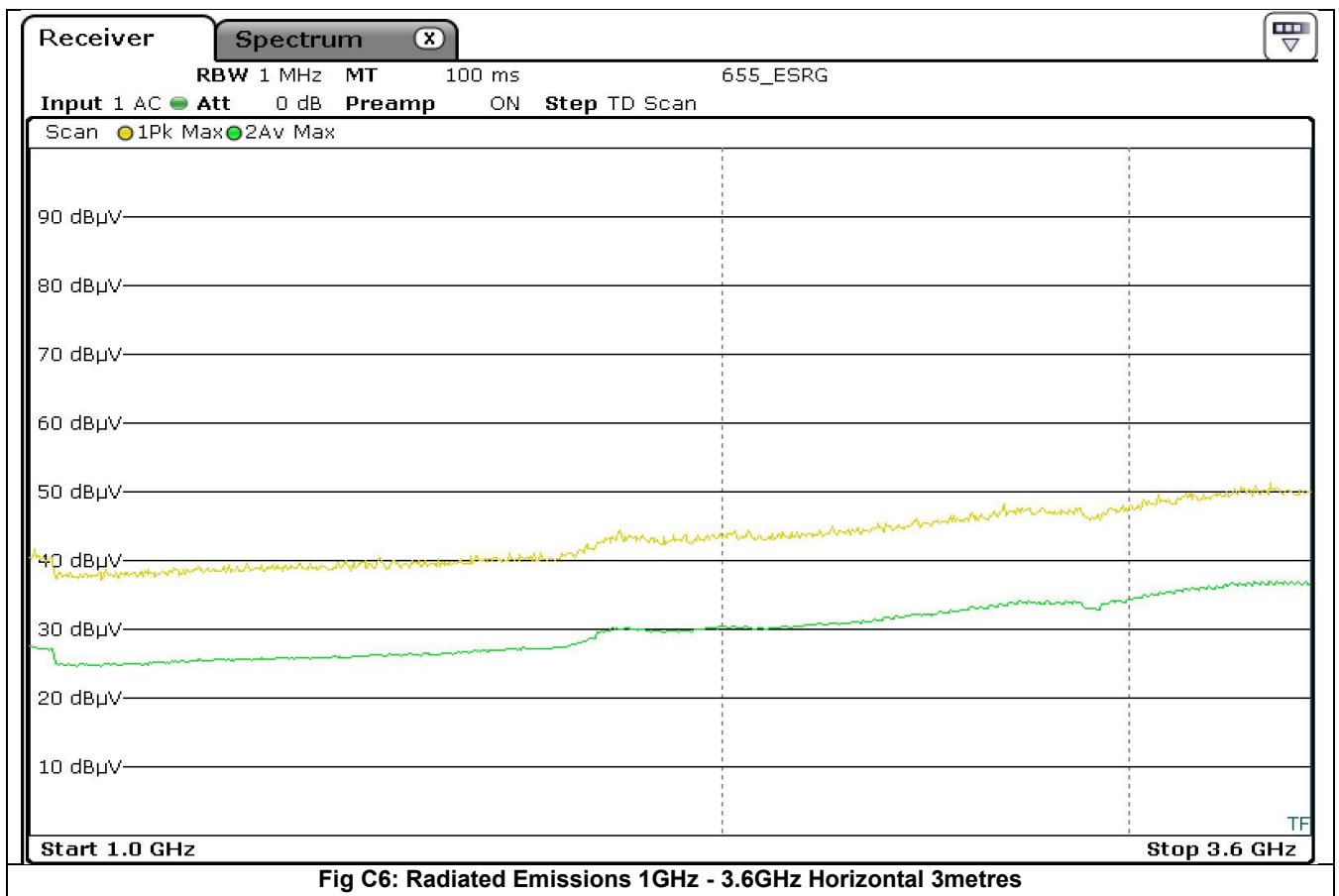
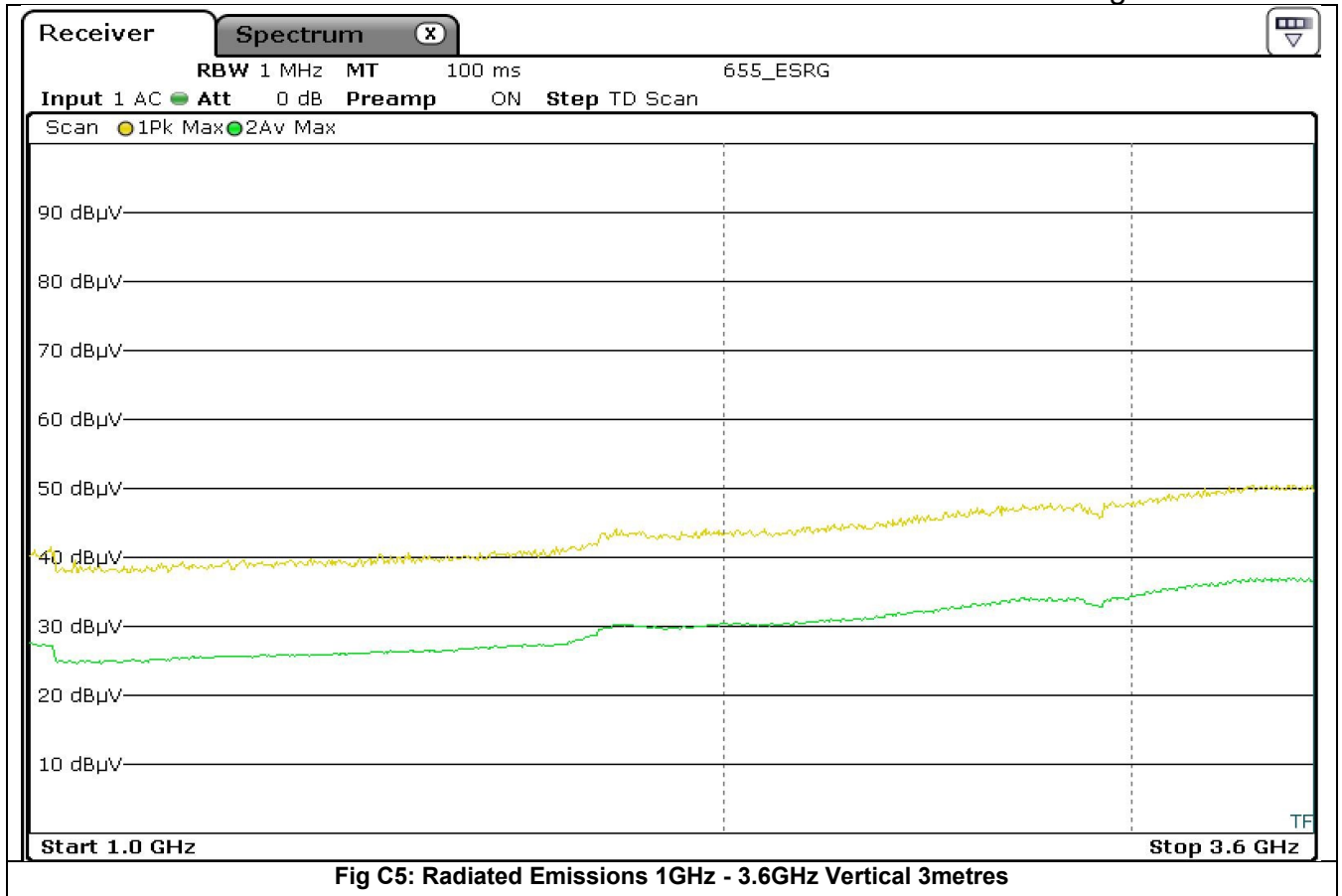
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Ref report “Alps 24E10894-2a Hati BLE and Cellular FCCIC Part 1 of 2” for the main report

Appendix D: Scans for Spurious Emissions for idle mode







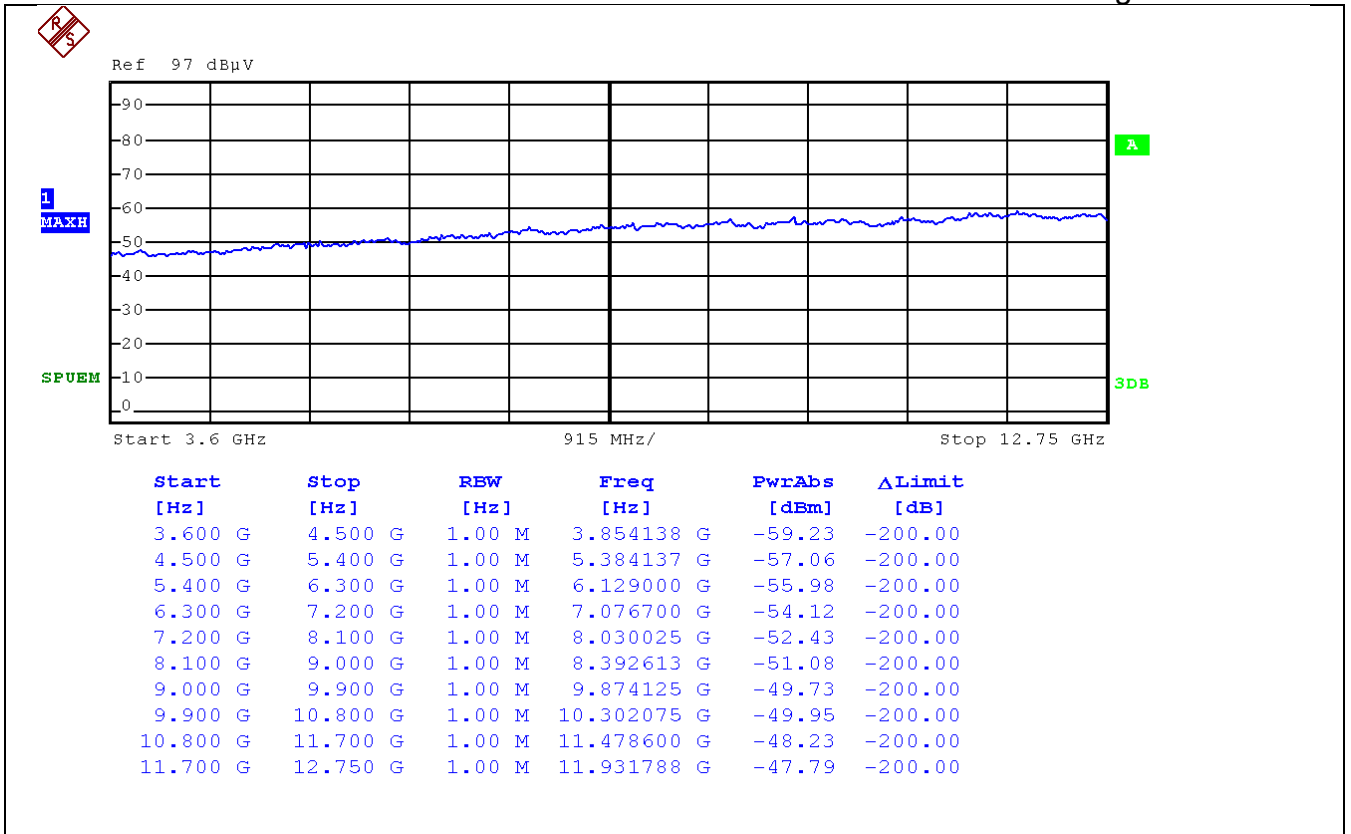


Fig C7: Radiated Emissions 3.6GHz - 12.75GHz Horizontal 3metres

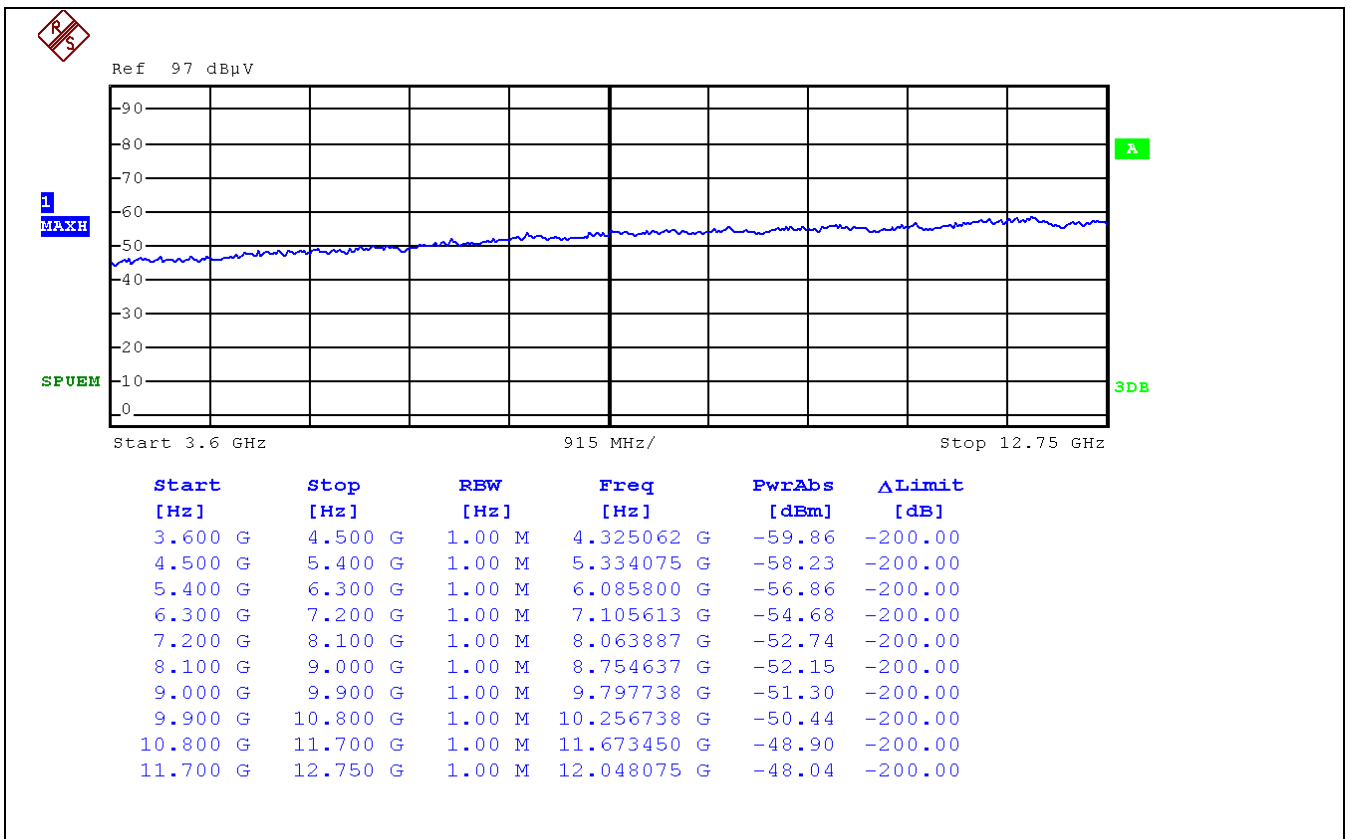


Fig C8: Radiated Emissions 3.6GHz - 12.75GHz Horizontal 3metres

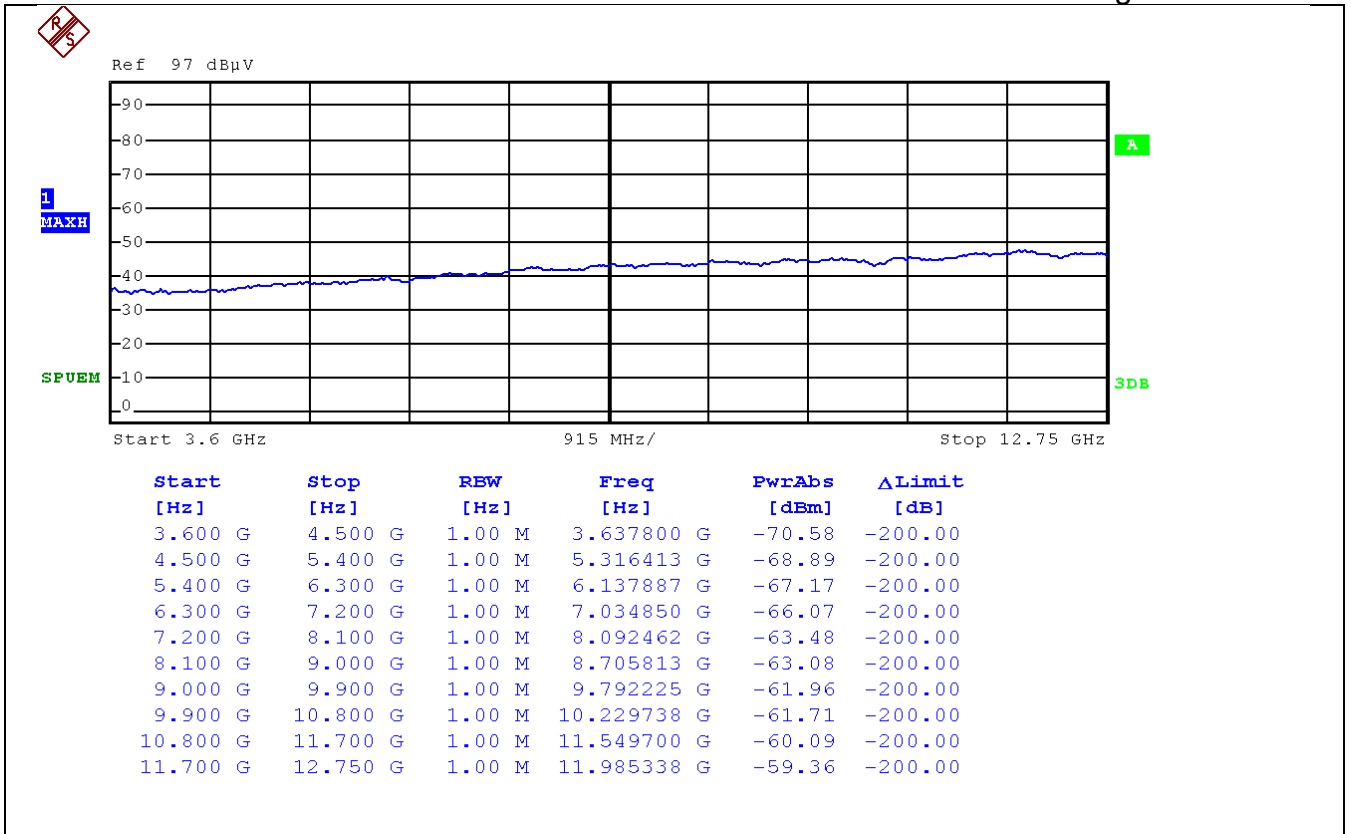


Fig C5: Radiated Emissions 3.6GHz – 12.75GHz Vertical Ave 3metres

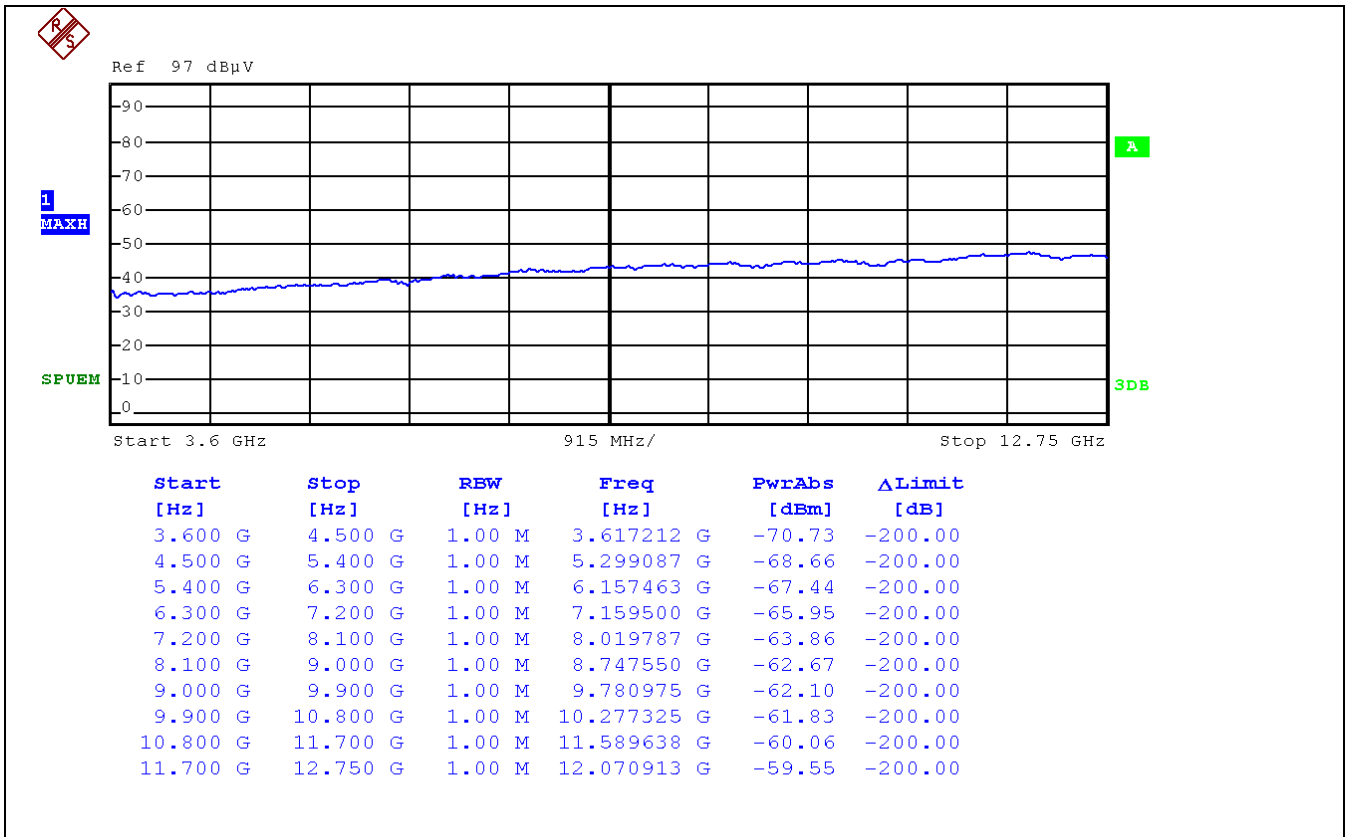


Fig C6: Radiated Emissions 3.6GHz – 12.75GHz Horizontal Ave 3metres

Appendix E: Conducted Emissions on the mains

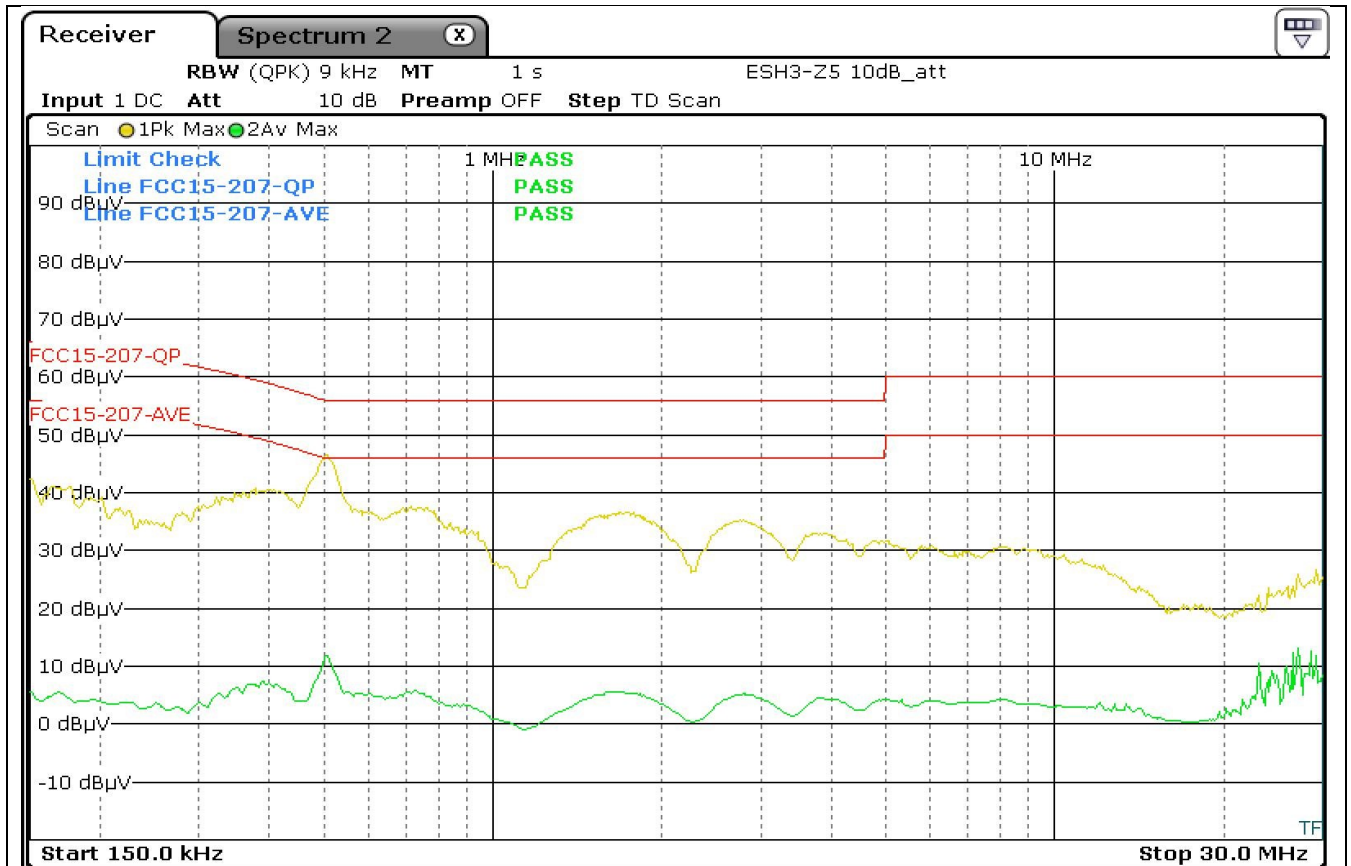


Fig E1: Conducted Emissions on the Mains Live TX Mode

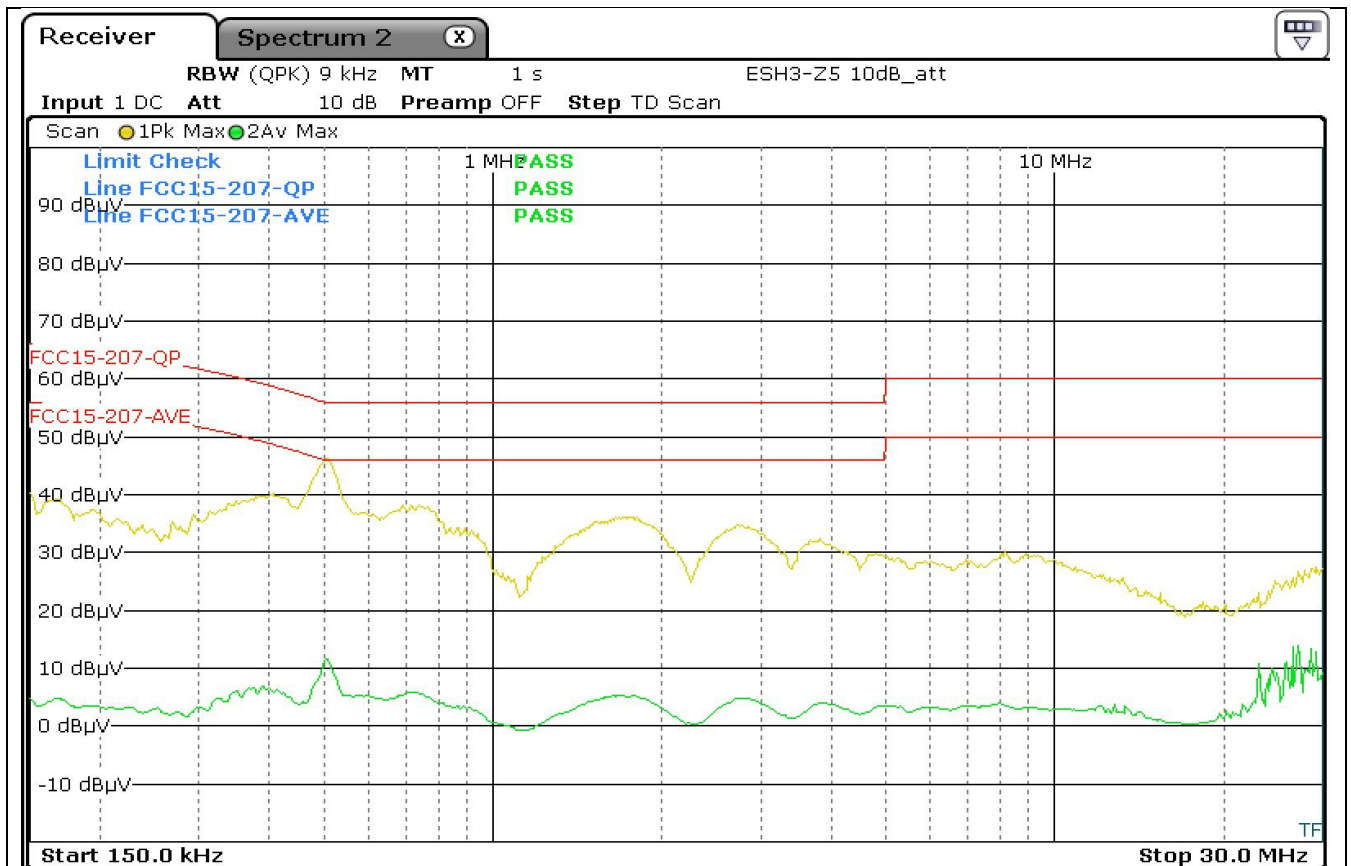
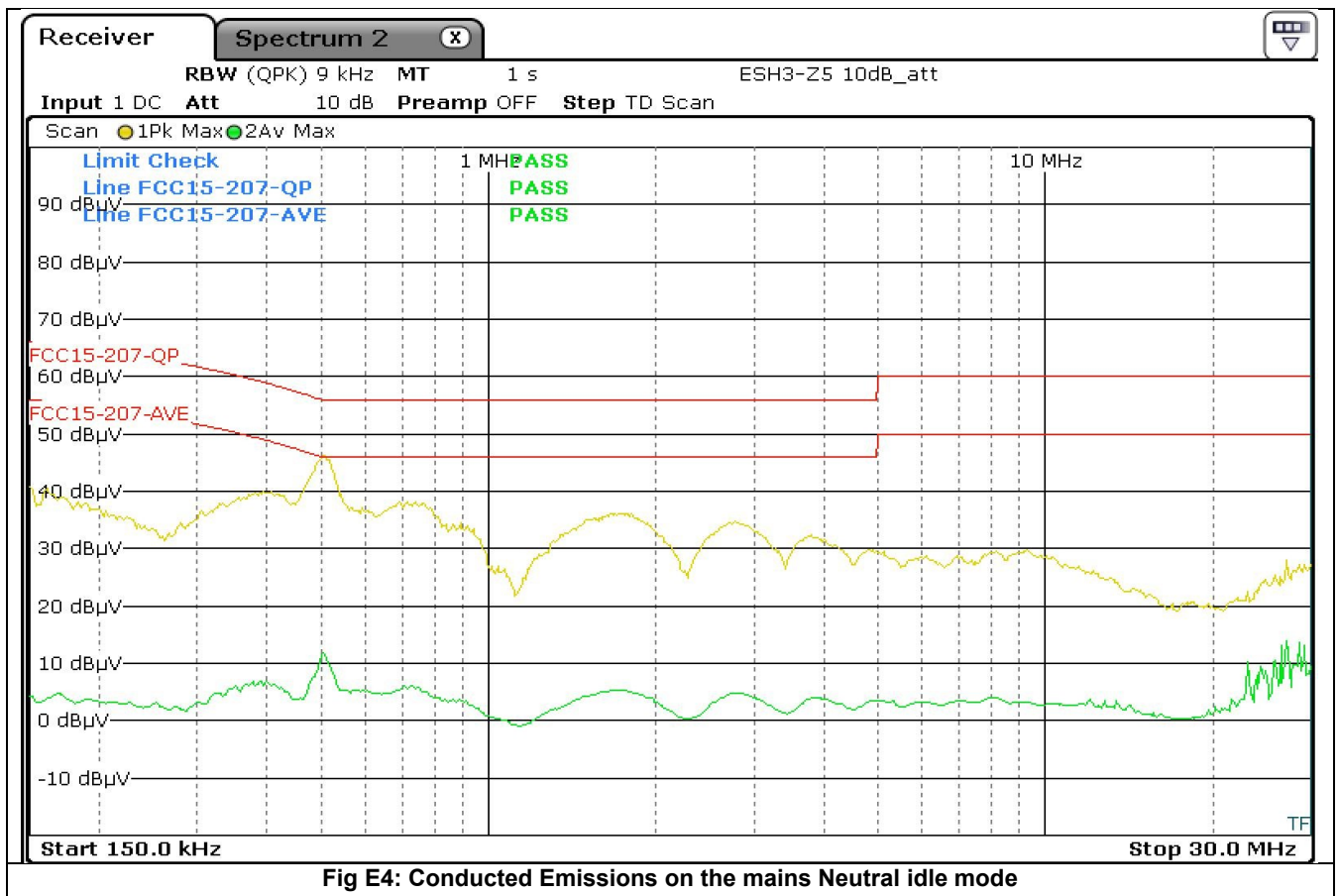
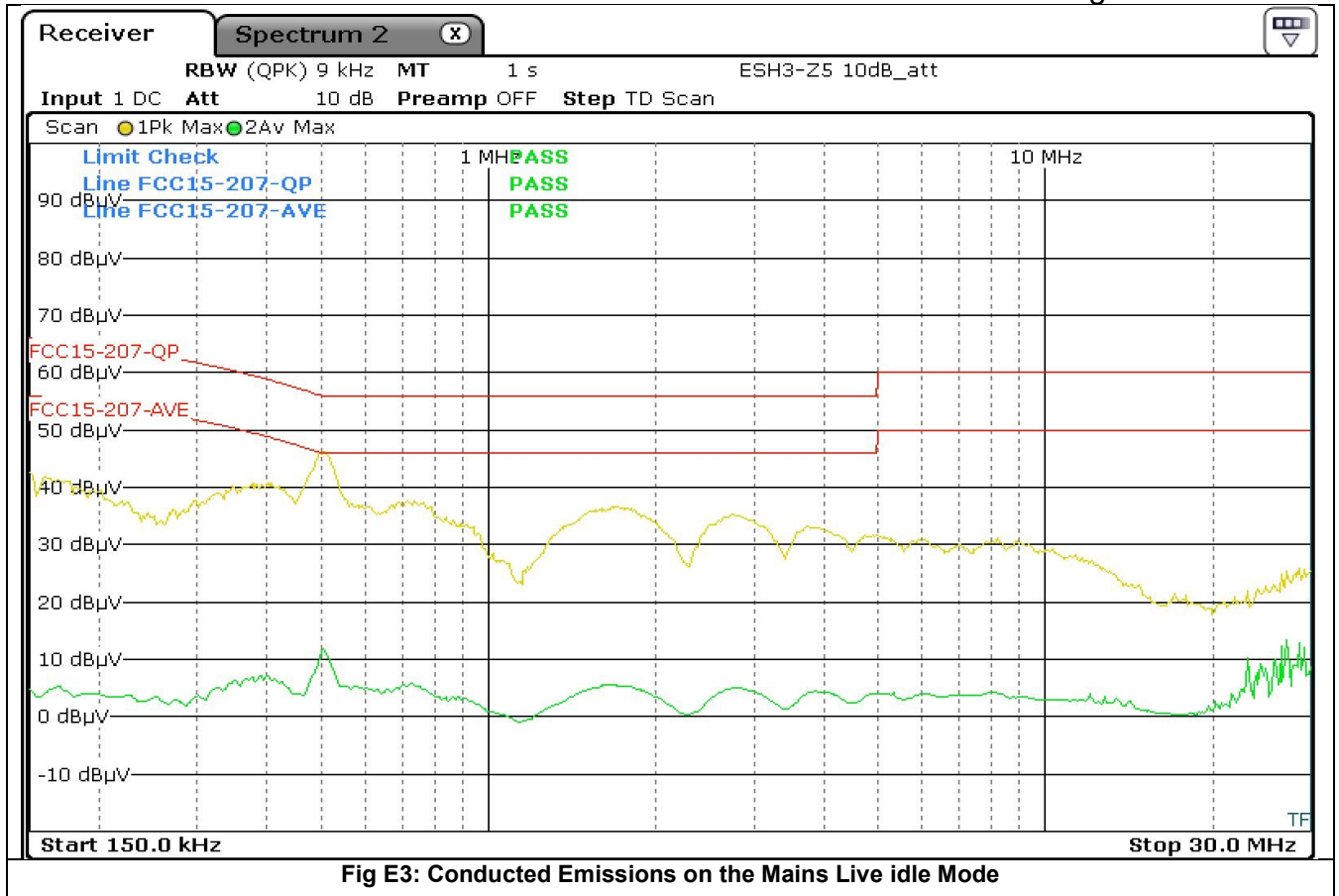


Fig E2: Conducted Emissions on the mains Neutral TX mode



Appendix F: Test Equipment Used:

Instrument	Manufacturer	Model	Serial Num	CEI Ref	Cal Date	Cal Interval Months
Microwave Preamplifier	Hewlett Packard	83017A	3123A00175	805	29-Sep-23	12
Spectrum Analyser 30Hz-40GHz	Rohde & Schwarz	FSP40	100053	850	08-Dec-21	36
Test Receiver 3.6GHz	Rohde & Schwarz	ESR	1316.3003k03-101625-s	869	23-May-23	36
Antenna Horn	EMCO	3115	2363	1100	19-Feb-23	36
Anechoic Chamber	CEI	SAR 10M	845	845	10-Sep-22	36
Antenna Biconical	Schwarzbeck	VHBB 9124	9124 667	871	04-Oct-21	36
Antenna Log Periodic	Chase	UPA6108	1072	609	07-Sep-21	36
Antenna Horn Standard Gain 18-26.5GHz	A-Info	LB-42-25-C-KF	J2021091103028	877	29-Sep-23	12
Cable 20m				1213	02-Aug-24	12
Cable purple Ktype 1.8m				917	02-Aug-24	12
Cable HF Ktype 1.5m				705	02-Aug-24	12
LISN	Rohde & Schwarz	ESH3-Z5	825460/003	604	07-Mar-22	36

Appendix G: Test Configurations:

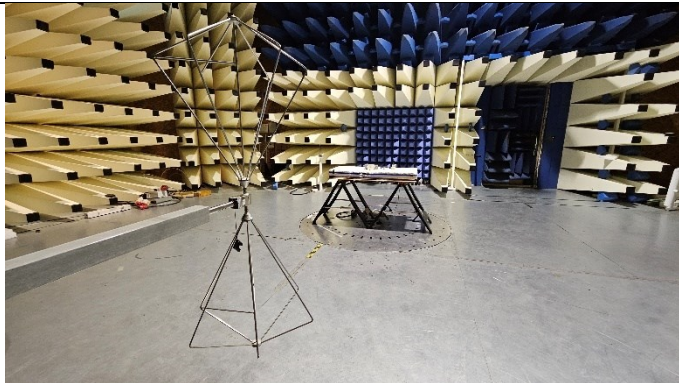


Fig G1: Spurious Emissions 30MHz-300GHz 3 metres



Fig G2: Radiated Emissions 300MHz-1GHz 3metres



Fig G3: Radiated Emissions 1GHz-18GHz 3metres



Fig G4: Radiated Emissions 18GHz-26.5GHz 1metre



Fig G5: EUT close up



Fig G6: Conducted Emission on the mains

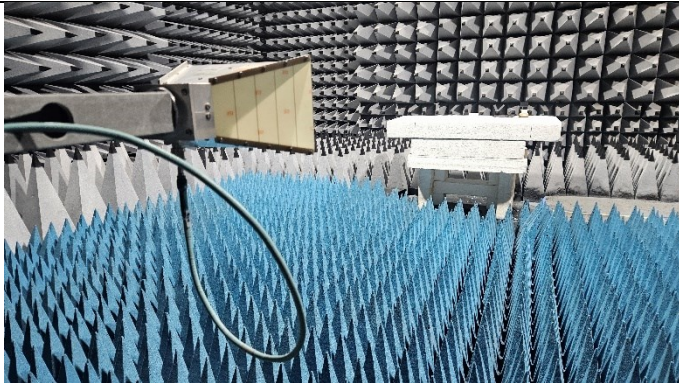


Fig G7: Radiated Emissions Receive Mode 1GHz-12.75GHz 3metres





Fig G8: EUT Orientation O1

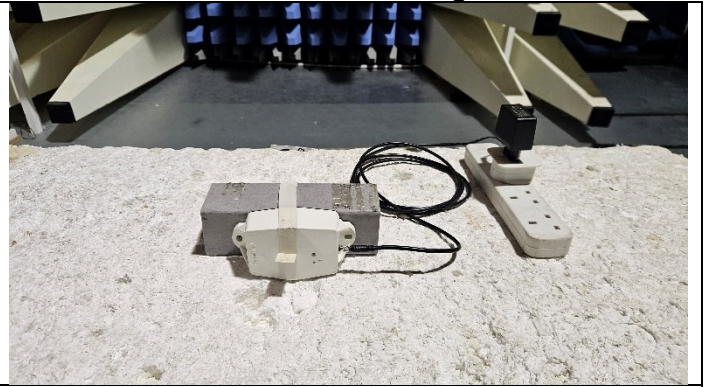


Fig G9: EUT Orientation O2

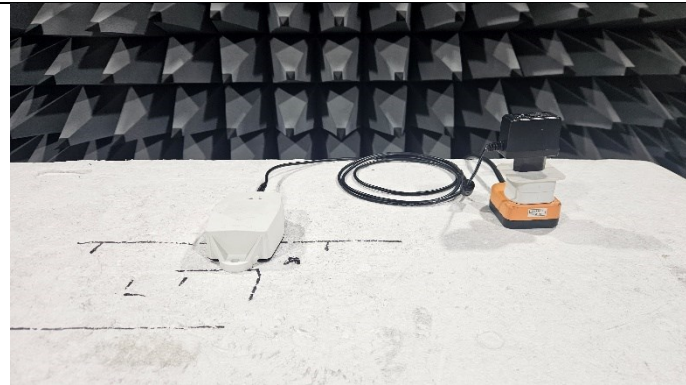
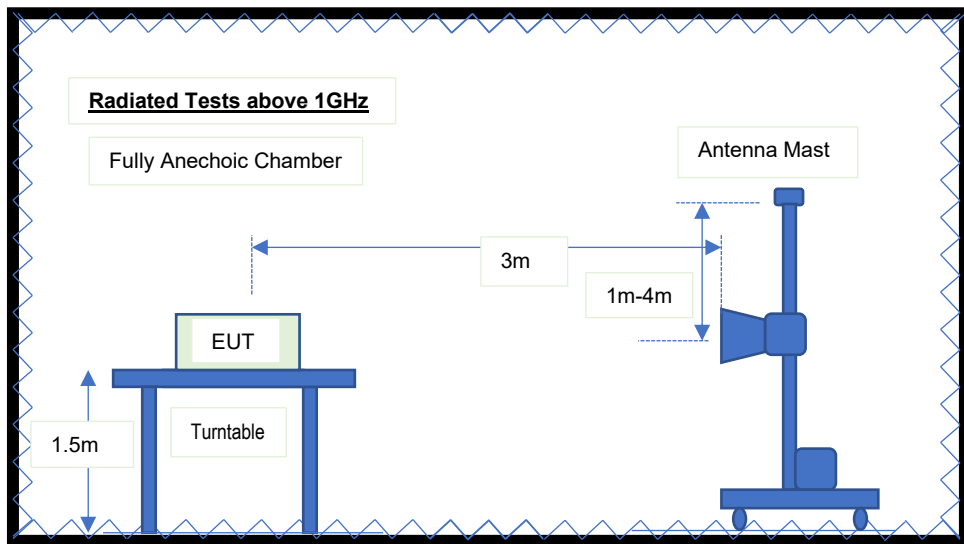
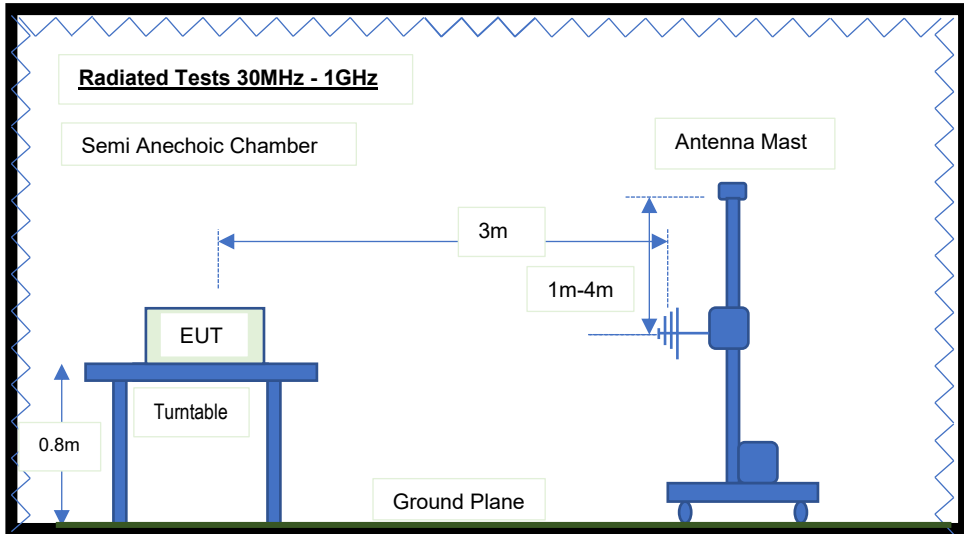


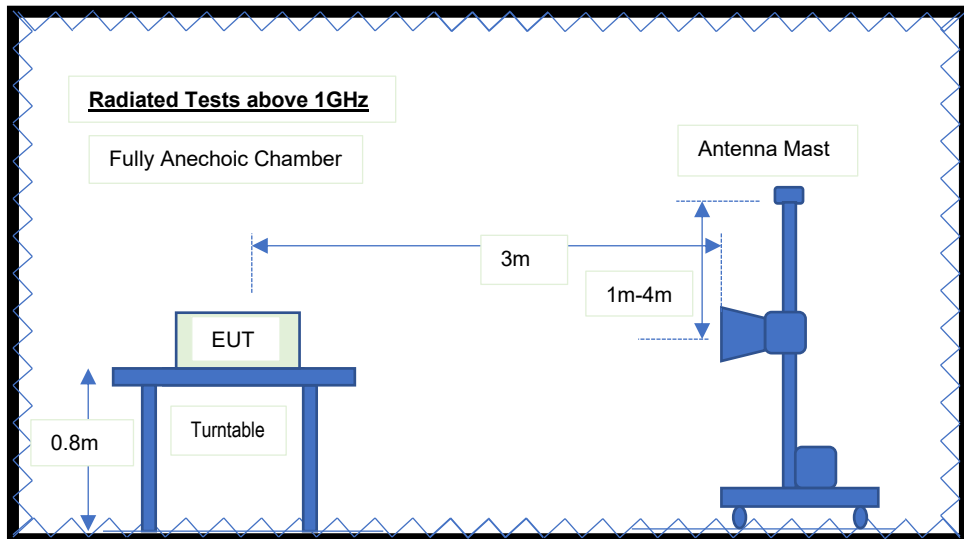
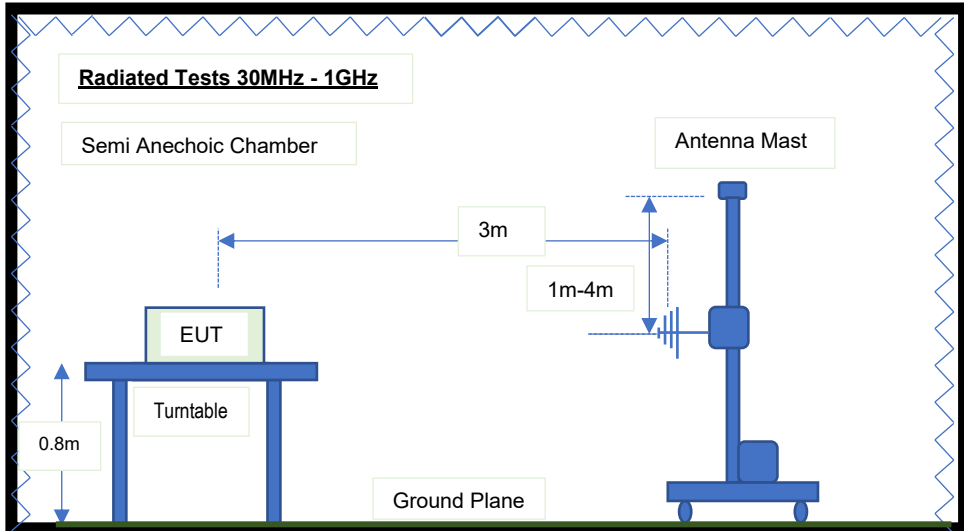
Fig G10: EUT Orientation O3

Appendix H: Block Diagrams of Test Setup

Ansi 63.10 tests



Ansi 63.4 tests



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End of Report