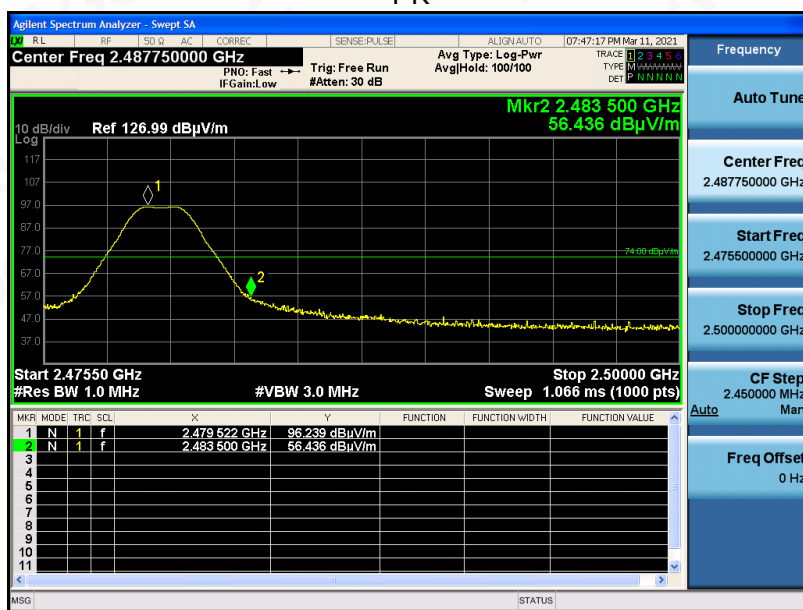
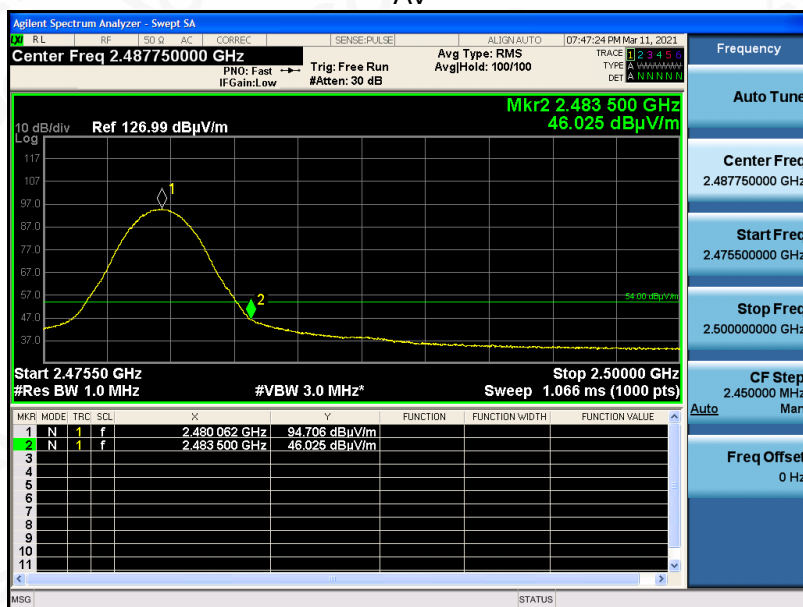


EUT	NORA-B1	Model Name	NORA-B100
Temperature	21.8° C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Vertical

PK



AV



RESULT: PASS

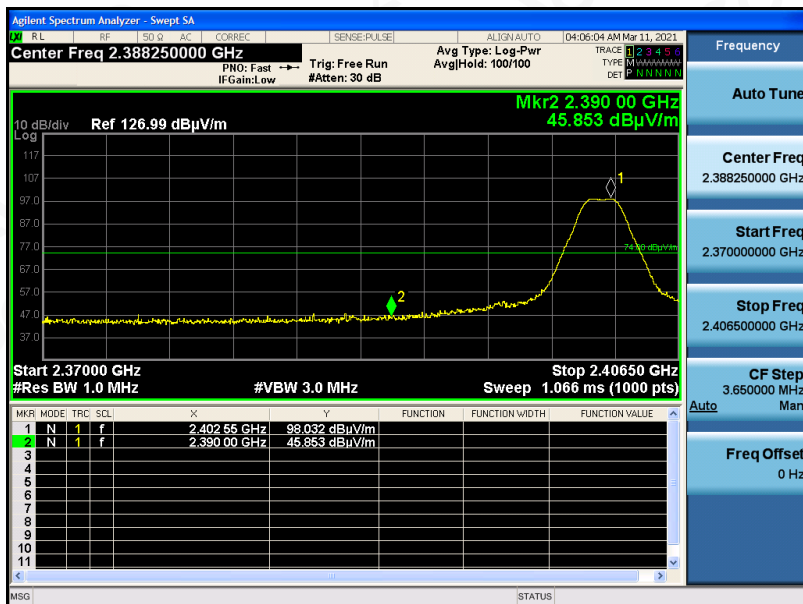
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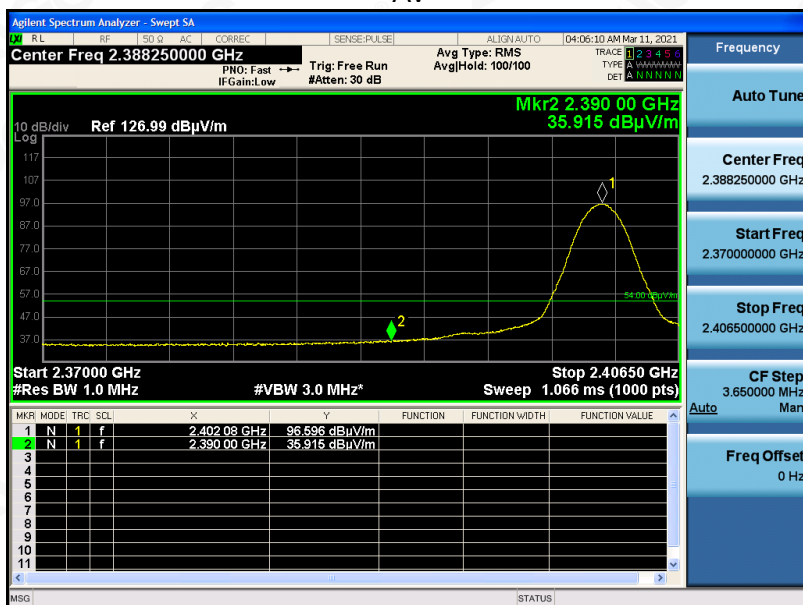


EUT	NORA-B1	Model Name	NORA-B106
Temperature	21.8° C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Horizontal

PK



AV



RESULT: PASS

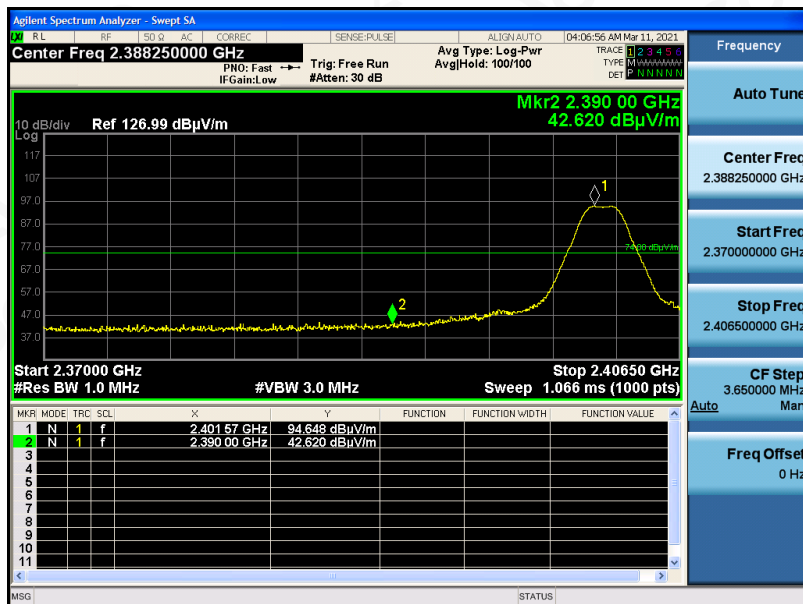
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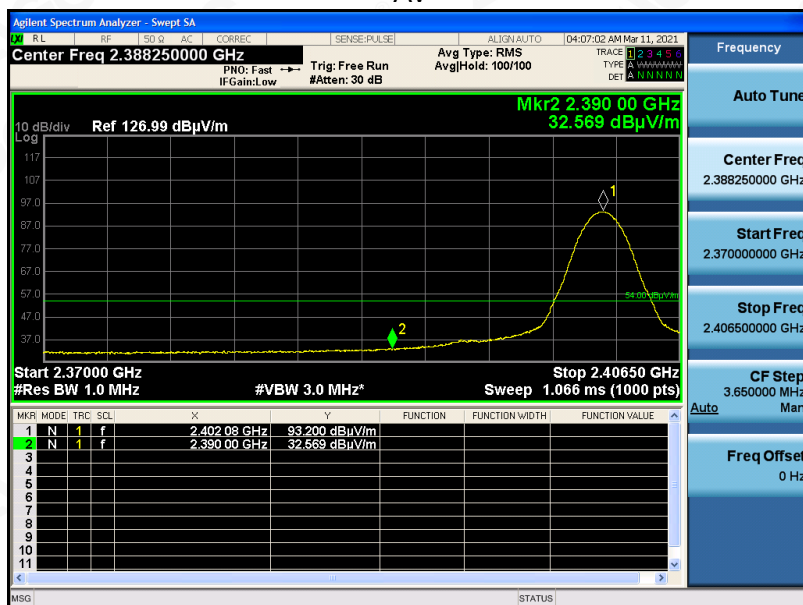


EUT	NORA-B1	Model Name	NORA-B106
Temperature	21.8° C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Vertical

PK



AV



RESULT: PASS

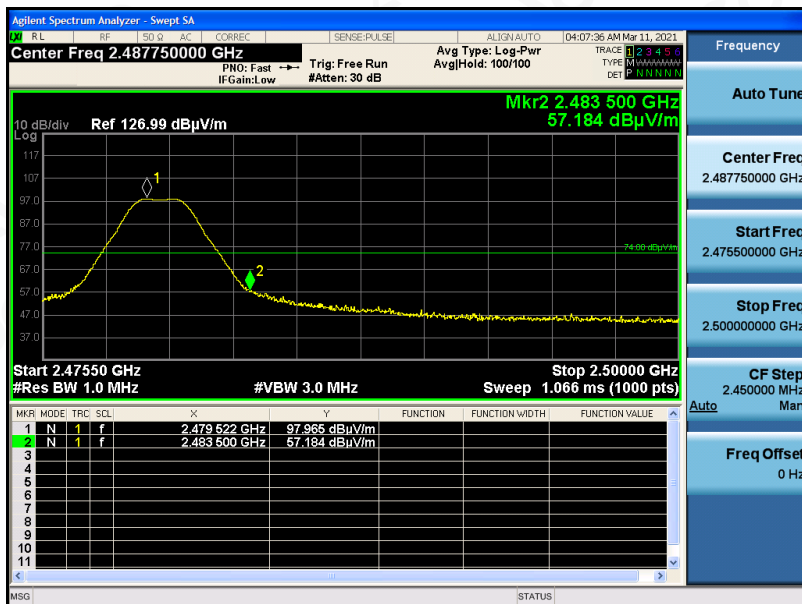
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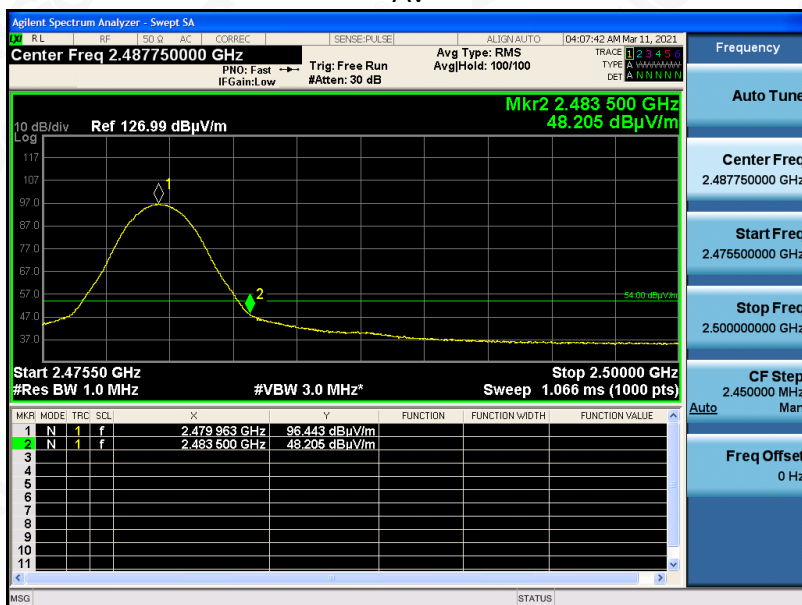


EUT	NORA-B1	Model Name	NORA-B106
Temperature	21.8° C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Horizontal

PK



AV



RESULT: PASS

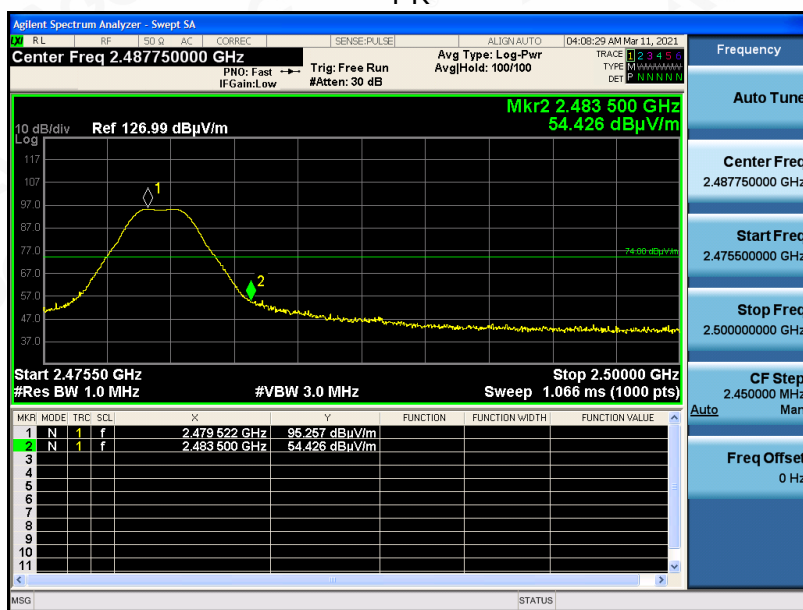
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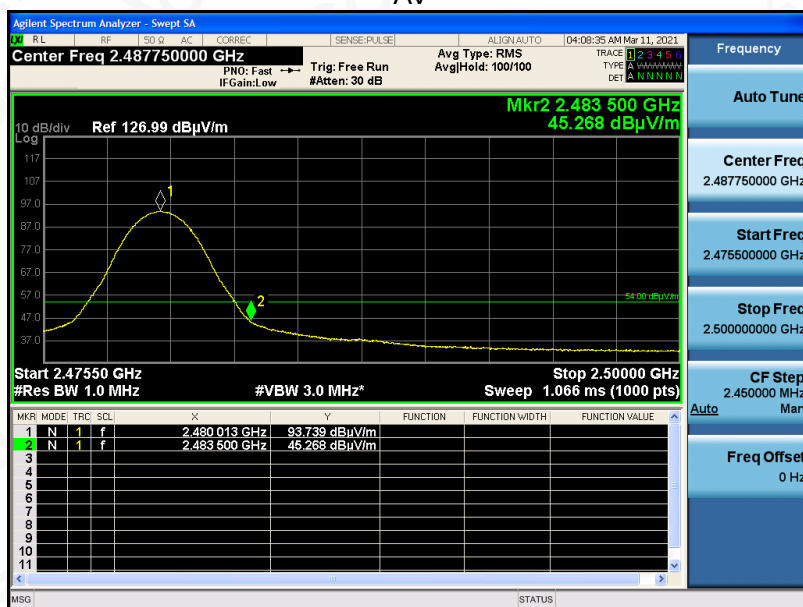


EUT	NORA-B1	Model Name	NORA-B106
Temperature	21.8° C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Vertical

PK



AV



RESULT: PASS

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Note:

1. The factor had been edited in the “Input Correction” of the Spectrum Analyzer.
2. The prototypes of all antenna specifications are tested. Antenna 1 and antenna 2 are detachable antennas. The antennas of the model NORA-B100 and NORA-B101 are detachable antennas, the antenna pins are slightly different, and the others are not different. The report only reflects the data of NORA-B100 as the worst. NORA-B101 meets the requirements by default, and the data is not Record in the report. The corresponding prototype model NORA-B100 reflects radiation and radiation spurious and sidebands. The data that reflects the specifications of the two antennas is the worst data. The model NORA-B106 is an integrated antenna, and has recorded the data in the report

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12. FCC LINE CONDUCTED EMISSION TEST

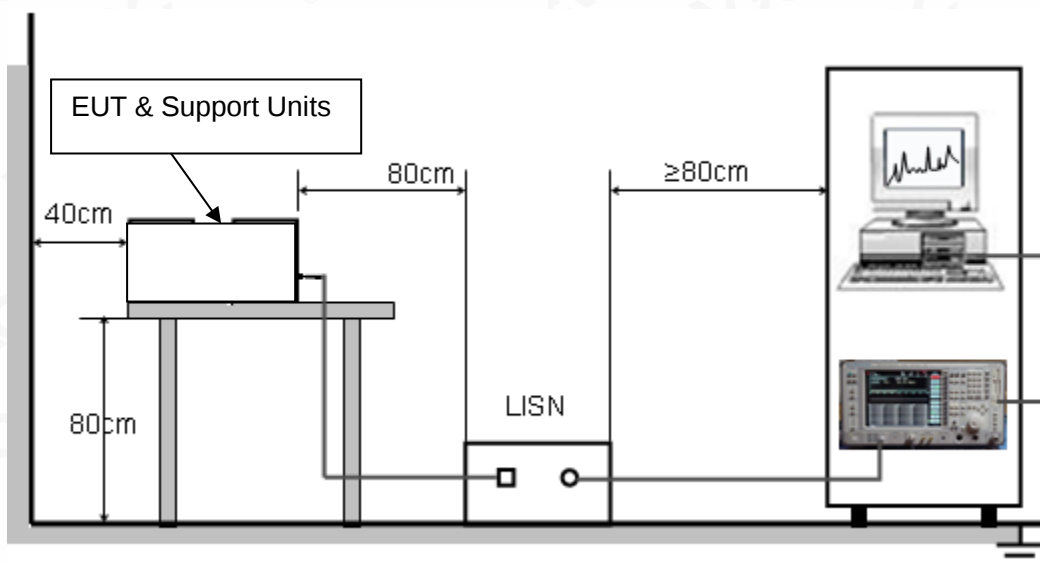
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Frequency	Maximum RF Line Voltage	
	Q.P.(dBuV)	Average(dBuV)
150kHz~500kHz	66-56	56-46
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Note:

1. The lower limit shall apply at the transition frequency.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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12.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. All support equipment received AC120V/60Hz power from a LISN, if any.
5. The EUT received DC 3.3V power from control board which received AC120V/60Hz power from a LISN.
6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.
9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

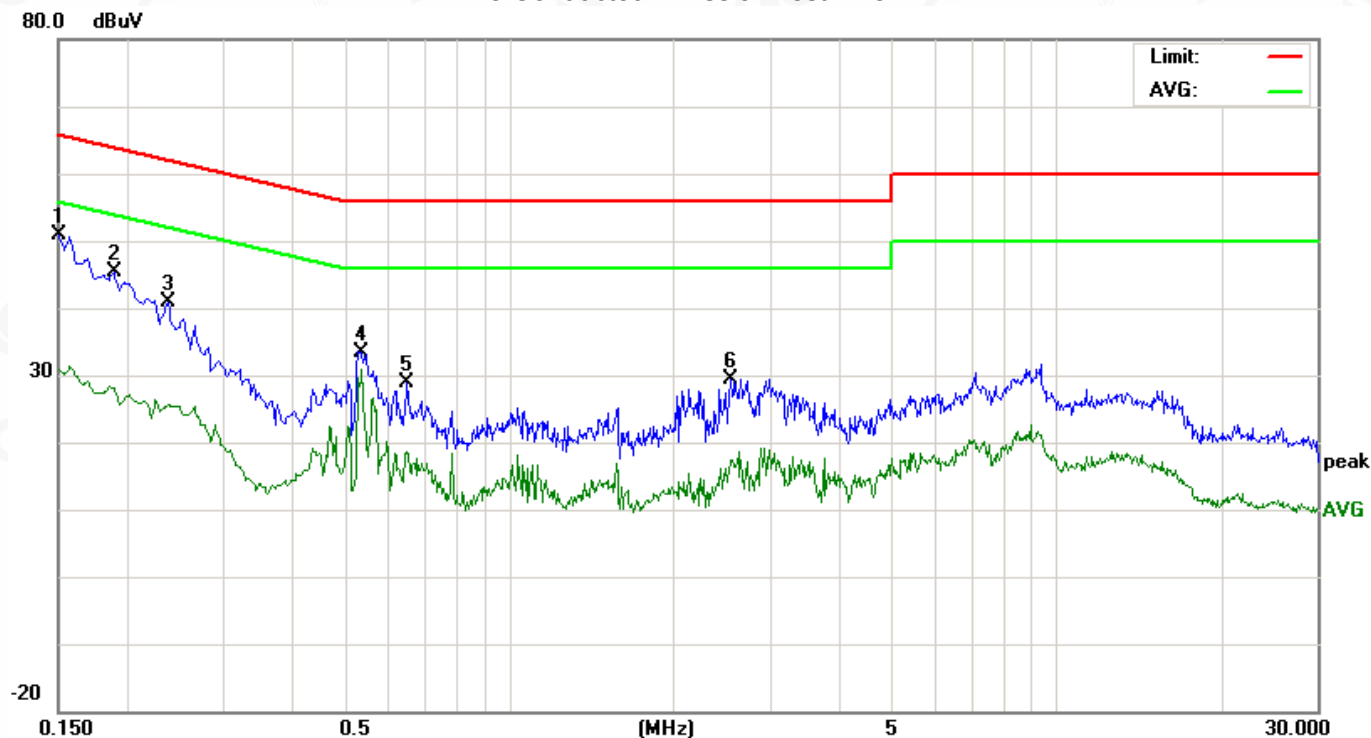
12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
3. The test data of the worst case condition(s) was reported on the Summary Data page.



12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Line Conducted Emission Test Line 1-L



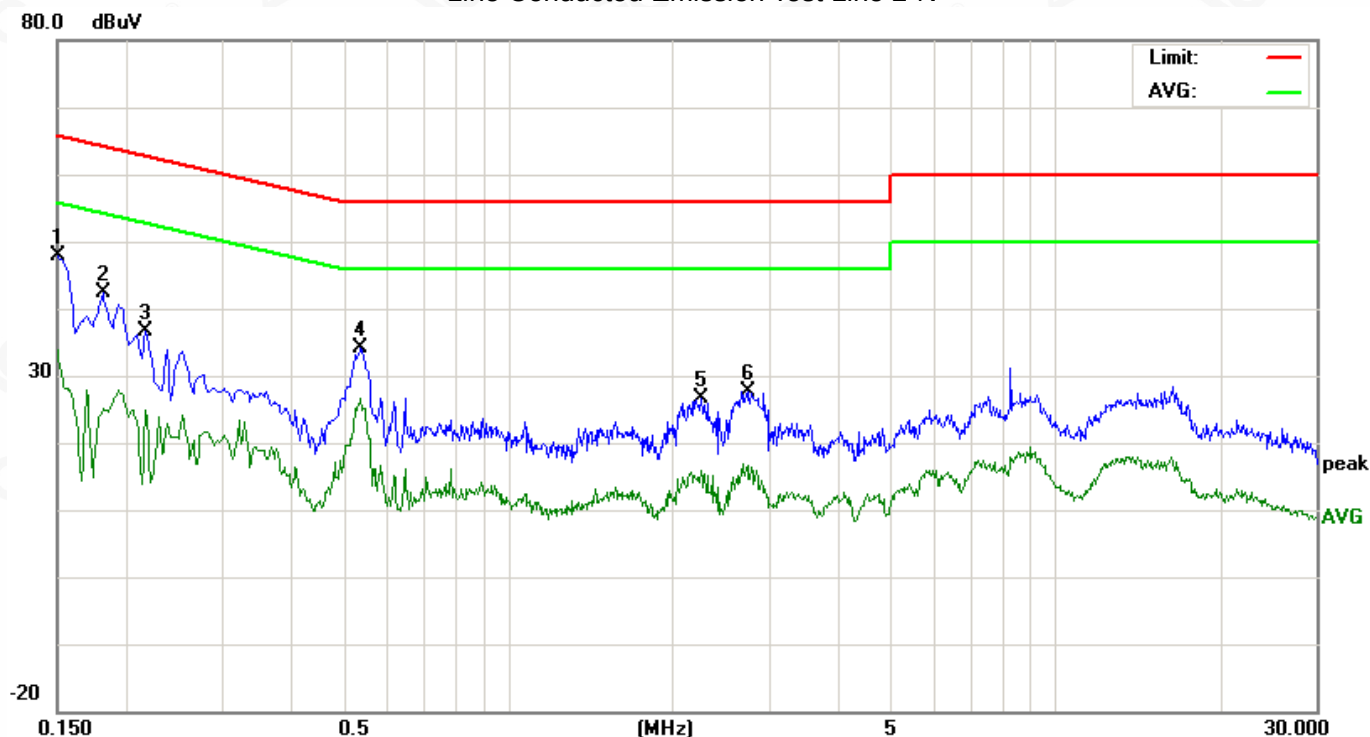
No.	Freq. (MHz)	Reading_Level (dBuV)			Correct Factor (dB)	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F
		Peak	QP	AVG		Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.1500	38.09	32.79	16.14	12.78	50.87	45.57	28.92	65.99	55.99	-20.42	-27.07	P
2	0.1900	32.52	25.78	12.15	12.85	45.37	38.63	25.00	64.03	54.03	-25.40	-29.03	P
3	0.2380	27.93	20.77	11.36	12.93	40.86	33.70	24.29	62.16	52.16	-28.46	-27.87	P
4	0.5380	19.73	17.13	13.86	13.77	33.50	30.90	27.63	56.00	46.00	-25.10	-18.37	P
5	0.6540	15.00	8.35	3.38	13.81	28.81	22.16	17.19	56.00	46.00	-33.84	-28.81	P
6	2.5500	15.89	9.64	1.33	13.51	29.40	23.15	14.84	56.00	46.00	-32.85	-31.16	P

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Line Conducted Emission Test Line 2-N



No.	Freq. (MHz)	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F
		Peak	QP	AVG		Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.1516	35.10	30.23	13.07	12.78	47.88	43.01	25.85	65.91	55.91	-22.90	-30.06	P
2	0.1825	35.04	23.30	9.19	12.84	47.88	36.14	22.03	64.37	54.37	-28.23	-32.34	P
3	0.2180	23.61	18.17	6.25	12.90	36.51	31.07	19.15	62.89	52.89	-31.82	-33.74	P
4	0.5380	20.27	18.45	11.28	13.77	34.04	32.22	25.05	56.00	46.00	-23.78	-20.95	P
5	2.2500	12.94	8.45	0.25	13.59	26.53	22.04	13.84	56.00	46.00	-33.96	-32.16	P
6	2.7420	14.23	8.96	0.05	13.41	27.64	22.37	13.46	56.00	46.00	-33.63	-32.54	P

RESULT: PASS

Note: All test modes of rate had been tested. The mode 1 at 1MHz is the worst case and recorded in the report.

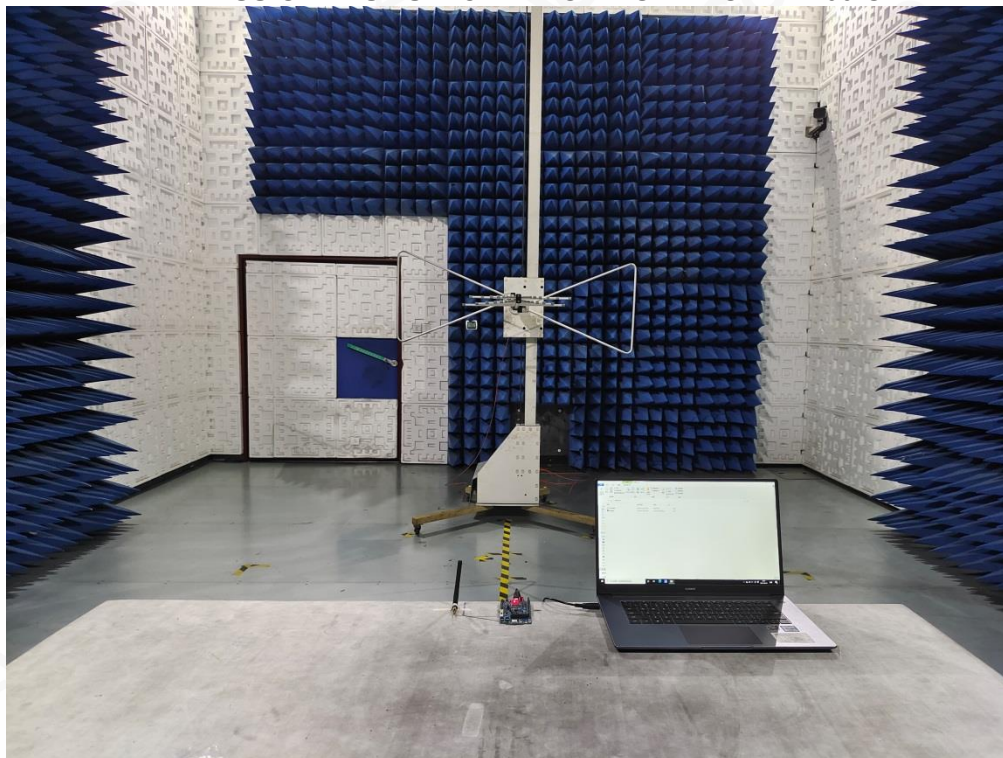
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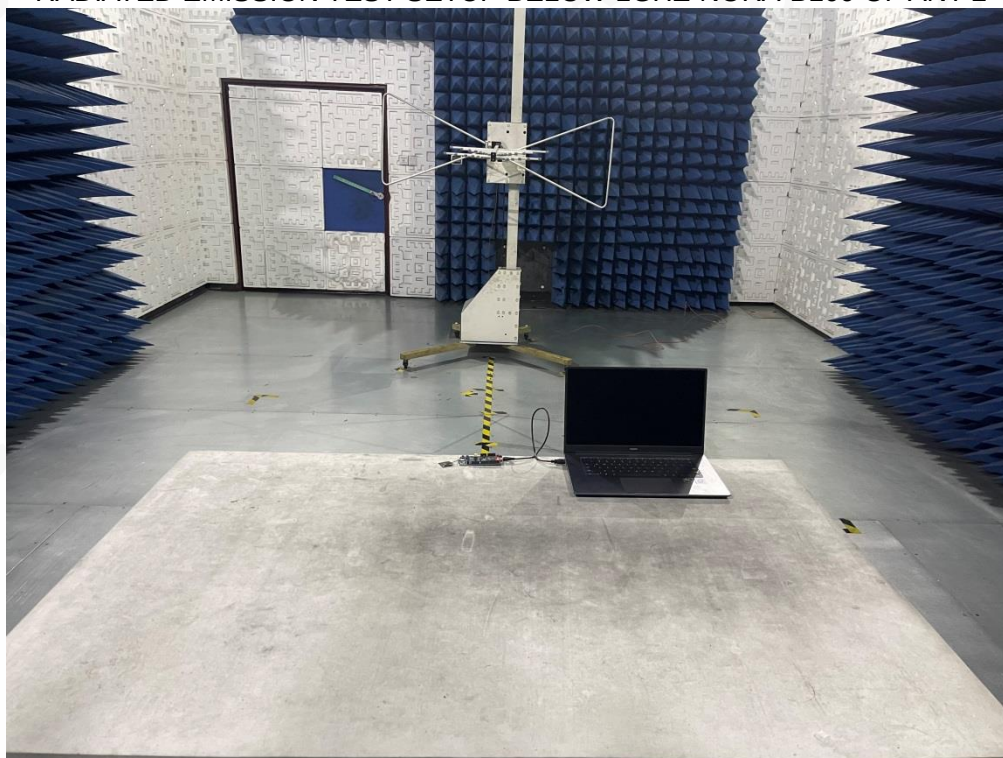


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED EMISSION TEST SETUP BELOW 1GHZ-NORA-B100 OF ANT 1



RADIATED EMISSION TEST SETUP BELOW 1GHZ-NORA-B100 OF ANT 2

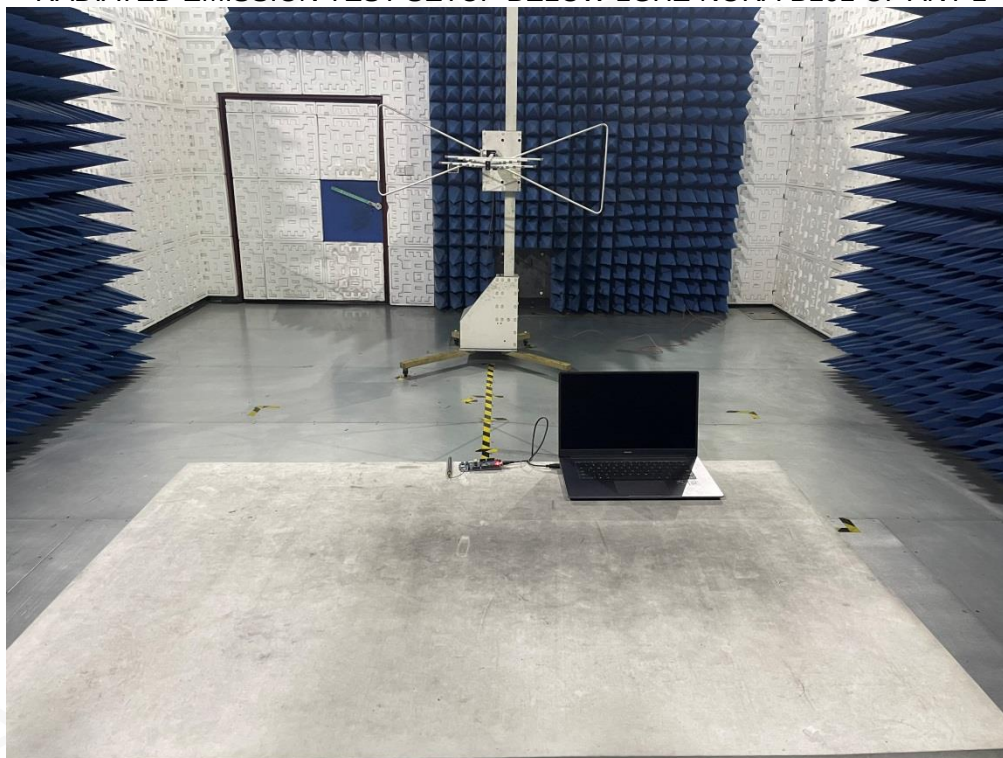


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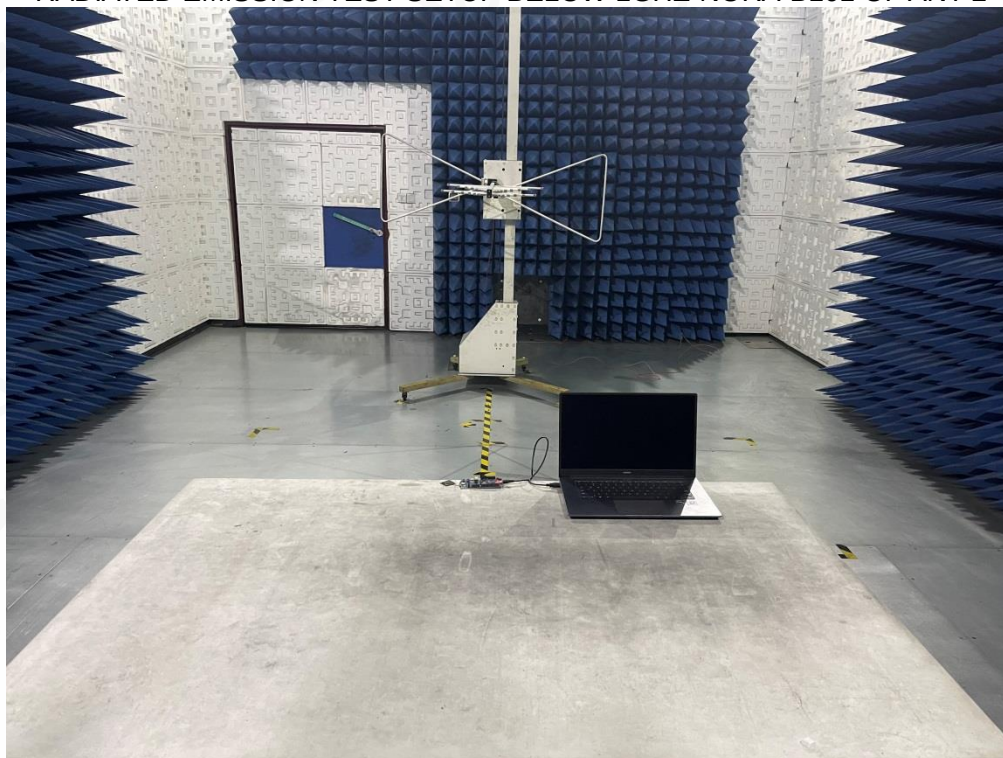
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RADIATED EMISSION TEST SETUP BELOW 1GHZ-NORA-B101 OF ANT 1



RADIATED EMISSION TEST SETUP BELOW 1GHZ-NORA-B101 OF ANT 2

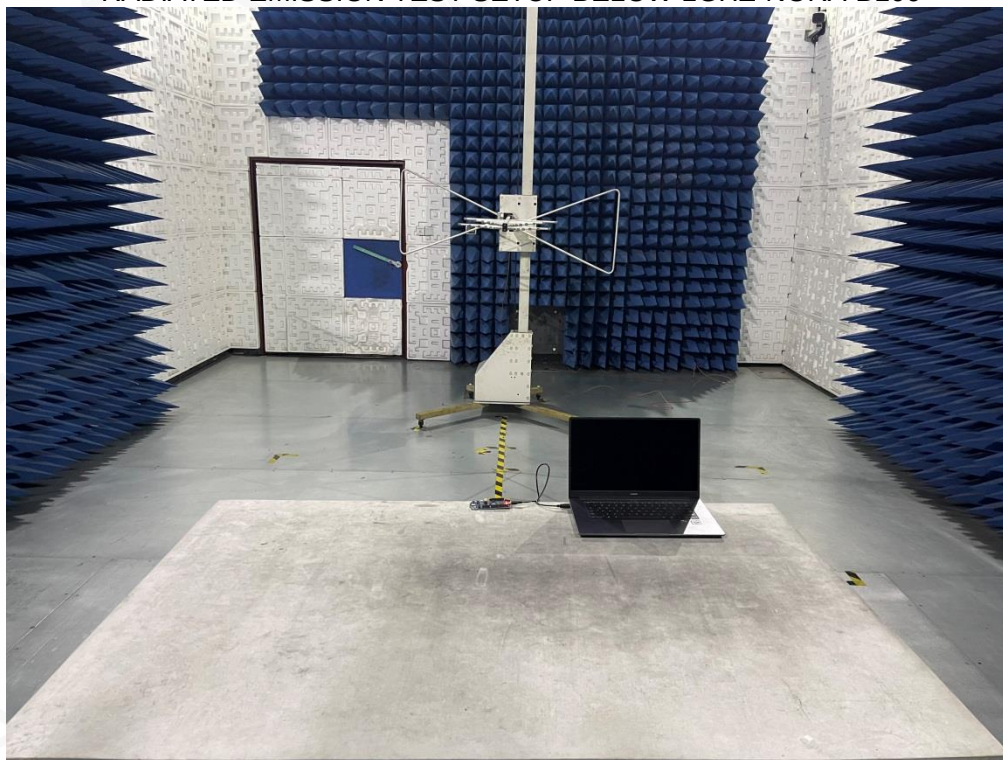


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RADIATED EMISSION TEST SETUP BELOW 1GHZ-NORA-B106



RADIATED EMISSION TEST SETUP ABOVE 1GHZ-NORA-B100 OF ANT 1



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RADIATED EMISSION TEST SETUP ABOVE 1GHZ-NORA-B100 OF ANT 2



RADIATED EMISSION TEST SETUP ABOVE 1GHZ-NORA-B101 OF ANT 1



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RADIATED EMISSION TEST SETUP ABOVE 1GHZ-NORA-B101 OF ANT 2



RADIATED EMISSION TEST SETUP ABOVE 1GHZ-NORA-B106



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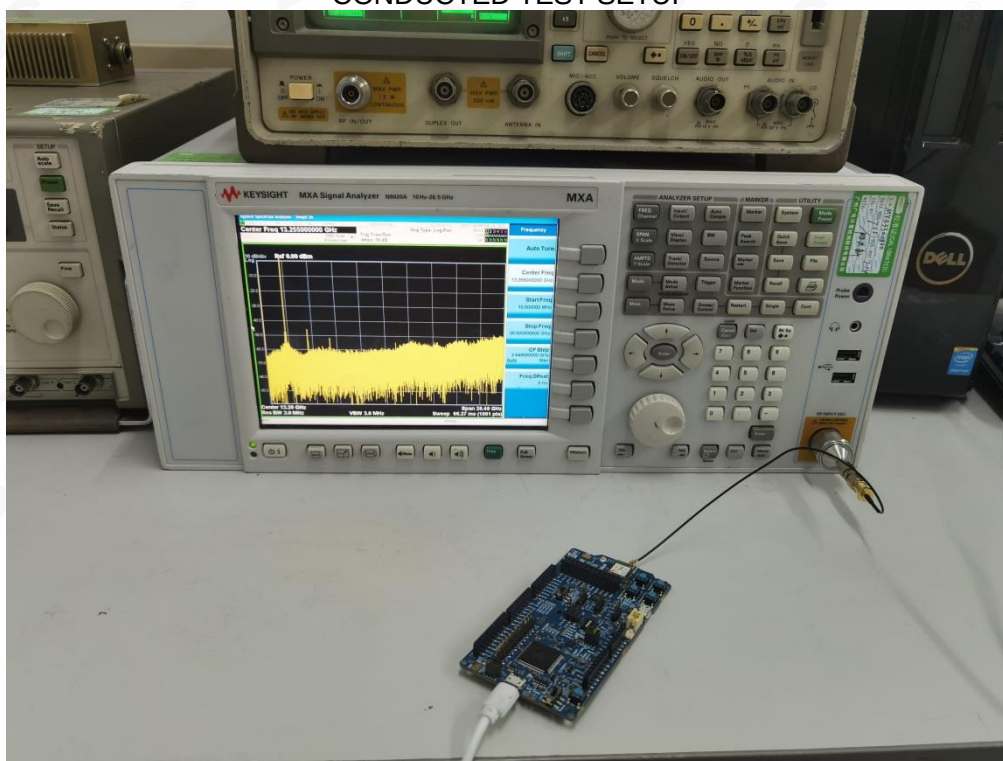
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CONDUCTED EMISSION TEST SETUP



CONDUCTED TEST SETUP



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APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC00174210102AP01

-----END OF REPORT-----

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3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

